# HathiTrust Accessibility Conformance Report

## **VPAT® Version 2.3**

**Name of Product/Version:** HathiTrust Digital Library

**Date:** August 2019

**Contact information:** feedback@issues.hathitrust.org

**Evaluation Methods Used:** NVDA with Mozilla Firefox, VoiceOver with Safari, Axe Accessibility Chrome extension, Zoom Text Only Chrome extension, OpenDyslexic Font - Helperbird Chrome extension, WebAIM Color Contrast Checker, Text Spacing Bookmarklet – HTML5 Accessibility, manual keyboard checks

**Notes:** This report evaluates the functionality of the HathiTrust Digital Library platform. We did not assess the accessibility of the informational web pages describing HathiTrust services, programs, policies, governance, etc. We also did not assess the accessibility of books within the HathiTrust Digital Library.

**Applicable Standards/Guidelines**

This report covers the degree of conformance for the following accessibility standard/guidelines:

|  |  |
| --- | --- |
| **Standard/Guideline** | **Included In Report** |
| Web Content Accessibility Guidelines 2.1, at <https://www.w3.org/TR/WCAG21/>  Jump to [WCAG 2.1 Level A Report](#_Table_1:_Success)  Jump to [WCAG 2.1 Level AA Report](#_Table_2:_Success) | Level A – **Yes**  Level AA – **Yes**  Level AAA – **No** |
| [Revised Section 508 standards](https://www.access-board.gov/guidelines-and-standards/communications-and-it/about-the-ict-refresh/final-rule/text-of-the-standards-and-guidelines) as published by the U.S. Access Board in the Federal Register on January 18, 2017, including the [Corrections to the ICT Final Rule](https://www.access-board.gov/guidelines-and-standards/communications-and-it/about-the-ict-refresh/corrections-to-the-ict-final-rule) as published by the US Access Board in the Federal Register on January 22, 2018  Jump to [Section 508 Report](#_Revised_Section_508) | **Yes** |
| EN 301 549 Accessibility requirements suitable for public procurement of ICT products and services in Europe, - V2.1.2 (2018-08) at [https://www.etsi.org/deliver/etsi\_en//301500\_301599/301549/02.01.02\_60/en\_301549v020102p.pdf](https://www.etsi.org/deliver/etsi_en/301500_301599/301549/02.01.02_60/en_301549v020102p.pdf)  Jump to [EN 301 549 Report](#_EN_301_549) | **Yes** |

## **Terms**

The terms used in the Conformance Level information are defined as follows:

* **Supports:** The functionality of the product has at least one method that meets the criterion without known defects or meets with equivalent facilitation.
* **Partially Supports:** Some functionality of the product does not meet the criterion.
* **Does Not Support:** The majority of product functionality does not meet the criterion.
* **Not Applicable:** The criterion is not relevant to the product.
* **Not Evaluated:** The product has not been evaluated against the criterion. This can be used only in WCAG 2.1 Level AAA.

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|  |  |
| --- | --- |
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| [504.4 Templates](#templates5044s508) | Not Applicable |
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| [602.3 Electronic Support Documentation](#electronicsupportdocumentation6023s508) | See [WCAG 2.1](#_WCAG_2.1_Level) |
| [602.4 Alternate Formats for Non-Electronic Support Documentation](#alternateformats6024s508) | Not Applicable |
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### **EN 301 549**

|  |  |
| --- | --- |
| **Criteria** | **Conformance Level** |
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| [11.5.2.5 Object information](#en301_11525_objectinformation) | Supports |
| [11.5.2.6 Row, column, and headers](#en301_11526_rowcolumnandheaders) | Supports |
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| [11.5.2.9 Parent-child relationships](#en301_11529_parentchildrelationships) | Supports |
| [11.5.2.10 Text](#en301_115210_text) | Supports |
| [11.5.2.11 List of available actions](#en301_115211_listofavailableactions) | Supports |
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| [11.5.2.15 Change notification](#en301_115215_changenotification) | Partially Supports |
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| [12.2.3 Effective communication](#en301_1223_effectivecommunication) | Supports |
| [12.2.4 Accessible documentation](#en301_1224_accessibledocumentation) | See [WCAG 2.1](#_WCAG_2.1_Level) |
| **Chapter 13: ICT Providing Relay or Emergency Service Access (exempt)** | |

## **WCAG 2.1 Report**

**Tables 1 and 2 also document conformance with:**

* EN 301 549: Chapter 9 – Web, Chapter 10 – Non-Web documents, Section 11.2.1- Non-Web Software (excluding closed functionality), and Section 11.2.2 – Non-Web Software (closed functionality).
* Revised Section 508: Chapter 5 – 501.1 Scope, 504.2 Content Creation or Editing, and Chapter 6 – 602.3 Electronic Support Documentation.

**Note:** When reporting on conformance with the WCAG 2.1 Success Criteria, they are scoped for full pages, complete processes, and accessibility-supported ways of using technology as documented in the [WCAG 2.1 Conformance Requirements](https://www.w3.org/TR/WCAG21/#conformance-reqs).

### **Table 1: Success Criteria, Level A**

|  |  |  |
| --- | --- | --- |
| **Criteria** | **Conformance Level** | **Remarks and Explanations** |
| [1.1.1 Non-text Content](http://www.w3.org/TR/WCAG20/" \l "text-equiv-all) (Level A)  Also applies to:  EN 301 549 Criteria   * 9.2.1 (Web) * 10.2.1 (non-web document) * 11.2.1.1 (Software) * 11.2.2.1 (Closed Functionality Software) * 11.6.2 (Authoring Tool) * 12.1.2 (Product Docs) * 12.2.4 (Support Docs)   Revised Section 508   * 501 (Web)(Software) * 504.2 (Authoring Tool) * 602.3 (Support Docs) | Supports | All non-text content has a text alternative. |
| [1.2.1 Audio-only and Video-only (Prerecorded)](http://www.w3.org/TR/WCAG20/" \l "media-equiv-av-only-alt) (Level A)  Also applies to:  EN 301 549 Criteria   * 9.2.2 (Web) * 10.2.2 (non-web document) * 11.2.1.2 (Software) * 11.2.2.2.1 and 11.2.2.2.2 (Closed Software) * 11.6.2 (Authoring Tool) * 12.1.2 (Product Docs) * 12.2.4 (Support Docs)   Revised Section 508   * 501 (Web)(Software) * 504.2 (Authoring Tool) * 602.3 (Support Docs) | Not Applicable | There is no audio or video content. |
| [1.2.2 Captions (Prerecorded)](http://www.w3.org/TR/WCAG20/" \l "media-equiv-captions) (Level A)  Also applies to:  EN 301 549 Criteria   * 9.2.3 (Web) * 10.2.3 (non-web document) * 11.2.1.3 (Software) * 11.2.2.3 (Closed Software) – Does not apply * 11.6.2 (Authoring Tool) * 12.1.2 (Product Docs) * 12.2.4 (Support Docs)   Revised Section 508   * 501 (Web)(Software) * 504.2 (Authoring Tool) * 602.3 (Support Docs) | Not applicable | There is no video content. |
| [1.2.3 Audio Description or Media Alternative (Prerecorded)](http://www.w3.org/TR/WCAG20/" \l "media-equiv-audio-desc) (Level A)  Also applies to:  EN 301 549 Criteria   * 9.2.4 (Web) * 10.2.4 (non-web document) * 11.2.1.4 (Software) * 11.2.2.4 (Closed Software) * 11.6.2 (Authoring Tool) * 12.1.2 (Product Docs) * 12.2.4 (Support Docs)   Revised Section 508   * 501 (Web)(Software) * 504.2 (Authoring Tool) * 602.3 (Support Docs) | Not applicable | There is no video content. |
| [1.3.1 Info and Relationships](http://www.w3.org/TR/WCAG20/" \l "content-structure-separation-programmatic) (Level A)  Also applies to:  EN 301 549 Criteria   * 9.2.7 (Web) * 10.2.7 (non-web document) * 11.2.1.7 (Software) * 11.2.2.7 (Closed Software) – Does not apply * 11.6.2 (Authoring Tool) * 12.1.2 (Product Docs) * 12.2.4 (Support Docs)   Revised Section 508   * 501 (Web)(Software) * 504.2 (Authoring Tool) * 602.3 (Support Docs) | Supports | Information, structure, and relationships conveyed through presentation can be programmatically determined. |
| [1.3.2 Meaningful Sequence](http://www.w3.org/TR/WCAG20/" \l "content-structure-separation-sequence) (Level A)  Also applies to:  EN 301 549 Criteria   * 9.2.8 (Web) * 10.2.8 (non-web document) * 11.2.1.8 (Software) * 11.2.2.8 (Closed Software) – Does not apply * 11.6.2 (Authoring Tool) * 12.1.2 (Product Docs) * 12.2.4 (Support Docs)   Revised Section 508   * 501 (Web)(Software) * 504.2 (Authoring Tool) * 602.3 (Support Docs) | Supports | The correct reading sequence can be programmatically determined. |
| [1.3.3 Sensory Characteristics](http://www.w3.org/TR/WCAG20/" \l "content-structure-separation-understanding) (Level A)  Also applies to:  EN 301 549 Criteria   * 9.2.9 (Web) * 10.2.9 (non-web document) * 11.2.1.9 (Software) * 11.2.2.9 (Closed Software) – Does not apply * 11.6.2 (Authoring Tool) * 12.1.2 (Product Docs) * 12.2.4 (Support Docs)   Revised Section 508   * 501 (Web)(Software) * 504.2 (Authoring Tool) * 602.3 (Support Docs) | Supports | Instructions for understanding and operating content do not rely solely on sensory characteristics. |
| [1.4.1 Use of Color](http://www.w3.org/TR/WCAG20/" \l "visual-audio-contrast-without-color) (Level A)  Also applies to:  EN 301 549 Criteria   * 9.2.10 (Web) * 10.2.10 (non-web document) * 11.2.1.10 (Software) * 11.2.2.10 (Closed Software) – Does not apply * 11.6.2 (Authoring Tool) * 12.1.2 (Product Docs) * 12.2.4 (Support Docs)   Revised Section 508   * 501 (Web)(Software) * 504.2 (Authoring Tool) * 602.3 (Support Docs) | Supports | Color is only used as a decorative or supplemental attribute of user interface elements. A textual representation is always used as the primary mechanism for conveying information. When searching text inside a book, matching terms are both highlighted and bolded. |
| [1.4.2 Audio Control](http://www.w3.org/TR/WCAG20/" \l "visual-audio-contrast-dis-audio) (Level A)  Also applies to:  EN 301 549 Criteria   * 9.2.11 (Web) * 10.2.11 (non-web document) * 11.2.1.11 (Software) * 11.2.2.11 (Closed Software) – Does not apply * 11.6.2 (Authoring Tool) * 12.1.2 (Product Docs) * 12.2.4 (Support Docs)   Revised Section 508   * 501 (Web)(Software) * 504.2 (Authoring Tool) * 602.3 (Support Docs) | Not Applicable | There is no audio content. |
| [2.1.1 Keyboard](http://www.w3.org/TR/WCAG20/" \l "keyboard-operation-keyboard-operable) (Level A)  Also applies to:  EN 301 549 Criteria   * 9.2.15 (Web) * 10.2.15 (non-web document) * 11.2.1.15 (Software) * 11.2.2.15 (Closed Software) * 11.6.2 (Authoring Tool) * 12.1.2 (Product Docs) * 12.2.4 (Support Docs)   Revised Section 508   * 501 (Web)(Software) * 504.2 (Authoring Tool) * 602.3 (Support Docs) | Partially Supports | HathiTrust supports standard keyboard navigation and input functions (such as pressing [Tab] to move between input fields, pressing the arrow keys to move between list items, and pressing [Space] or [Enter] to make selections). Access keys have been added to the book display to help keyboard users navigate the page.  There is one exception: When a user zooms into a book using browser zoom, there is no way to scroll horizontally across the page using the keyboard. |
| [2.1.2 No Keyboard Trap](http://www.w3.org/TR/WCAG20/" \l "keyboard-operation-trapping) (Level A)  Also applies to:  EN 301 549 Criteria   * 9.2.16 (Web) * 10.2.16 (non-web document) * 11.2.1.16 (Software) * 11.2.2.16 (Closed Software) – Does not apply * 11.6.2 (Authoring Tool) * 12.1.2 (Product Docs) * 12.2.4 (Support Docs)   Revised Section 508   * 501 (Web)(Software) * 504.2 (Authoring Tool) * 602.3 (Support Docs) | Supports | HathiTrust supports standard keyboard navigation. Keyboard users cannot be trapped in a subset of content. |
| [2.1.4 Character Key Shortcuts](https://www.w3.org/TR/WCAG21/" \l "character-key-shortcuts) (Level A 2.1 only)  Also applies to:  EN 301 549 Criteria   * 9.2.1.4 (Web) * 10.2.1.4 (Non-web document) * 11.2.1.4.1 (Open Functionality Software) * 11.2.1.4.2 (Closed Software) * 11.8.2 (Authoring Tool) * 12.1.2 (Product Docs) * 12.2.4 (Support Docs)   Revised Section 508 – Does not apply | Supports | Keyboard shortcuts use browser access keys so they are not implemented using only one character. |
| [2.2.1 Timing Adjustable](http://www.w3.org/TR/WCAG20/" \l "time-limits-required-behaviors) (Level A)  Also applies to:  EN 301 549 Criteria   * 9.2.17 (Web) * 10.2.17 (non-web document) * 11.2.1.17 (Software) * 11.2.2.17 (Closed Software) – Does not apply * 11.6.2 (Authoring Tool) * 12.1.2 (Product Docs) * 12.2.4 (Support Docs)   Revised Section 508   * 501 (Web)(Software) * 504.2 (Authoring Tool) * 602.3 (Support Docs) | Not Applicable | There are no time limits set on content.  Authentication time limits are controlled by individual institutions and may or may not conform to WCAG. |
| [2.2.2 Pause, Stop, Hide](http://www.w3.org/TR/WCAG20/" \l "time-limits-pause) (Level A)  Also applies to:  EN 301 549 Criteria   * 9.2.18 (Web) * 10.2.18 (non-web document) * 11.2.1.18 (Software) * 11.2.2.18 (Closed Software) – Does not apply * 11.6.2 (Authoring Tool) * 12.1.2 (Product Docs) * 12.2.4 (Support Docs)   Revised Section 508   * 501 (Web)(Software) * 504.2 (Authoring Tool) * 602.3 (Support Docs) | Not Applicable | There is no moving, blinking, scrolling, or auto-updating information. |
| [2.3.1 Three Flashes or Below Threshold](http://www.w3.org/TR/WCAG20/" \l "seizure-does-not-violate) (Level A)  Also applies to:  EN 301 549 Criteria   * 9.2.19 (Web) * 10.2.19 (non-web document) * 11.2.1.19 (Software) * 11.2.2.19 (Closed Software) – Does not apply * 11.6.2 (Authoring Tool) * 12.1.2 (Product Docs) * 12.2.4 (Support Docs)   Revised Section 508   * 501 (Web)(Software) * 504.2 (Authoring Tool) * 602.3 (Support Docs) | Not Applicable | There are no flashing elements. |
| [2.4.1 Bypass Blocks](http://www.w3.org/TR/WCAG20/" \l "navigation-mechanisms-skip) (Level A)  Also applies to:  EN 301 549 Criteria   * 9.2.20 (Web) * 10.2.20 (non-web document) – Does not apply * 11.2.1.20 (Software) – Does not apply * 11.2.2.20 (Closed Software) – Does not apply * 11.6.2 (Authoring Tool) * 12.1.2 (Product Docs) * 12.2.4 (Support Docs)   Revised Section 508   * 501 (Web)(Software) – Does not apply to non-web software * 504.2 (Authoring Tool) * 602.3 (Support Docs) – Does not apply to non-web docs | Supports | Hidden links (available to screen readers and keyboard users) allow users to skip to the main content of each page. |
| [2.4.2 Page Titled](http://www.w3.org/TR/WCAG20/" \l "navigation-mechanisms-title) (Level A)  Also applies to:  EN 301 549 Criteria   * 9.2.21 (Web) * 10.2.21 (non-web document) * 11.2.1.21 (Software) – Does not apply * 11.2.2.21 (Closed Software) – Does not apply * 11.6.2 (Authoring Tool) * 12.1.2 (Product Docs) * 12.2.4 (Support Docs)   Revised Section 508   * 501 (Web)(Software) * 504.2 (Authoring Tool) * 602.3 (Support Docs) | Supports | Web pages have descriptive titles that indicate the content of each page. |
| [2.4.3 Focus Order](http://www.w3.org/TR/WCAG20/" \l "navigation-mechanisms-focus-order) (Level A)  Also applies to:  EN 301 549 Criteria   * 9.2.22 (Web) * 10.2.22 (non-web document) * 11.2.1.22 (Software) * 11.2.2.22 (Closed Software) – Does not apply * 11.6.2 (Authoring Tool) * 12.1.2 (Product Docs) * 12.2.4 (Support Docs)   Revised Section 508   * 501 (Web)(Software) * 504.2 (Authoring Tool) * 602.3 (Support Docs) | Supports | Pages use a logical tab order that preserves meaning and operability. |
| [2.4.4 Link Purpose (In Context)](http://www.w3.org/TR/WCAG20/" \l "navigation-mechanisms-refs) (Level A)  Also applies to:  EN 301 549 Criteria   * 9.2.23 (Web) * 10.2.23 (non-web document) * 11.2.1.23 (Software) * 11.2.2.23 (Closed Software) – Does not apply * 11.6.2 (Authoring Tool) * 12.1.2 (Product Docs) * 12.2.4 (Support Docs)   Revised Section 508   * 501 (Web)(Software) * 504.2 (Authoring Tool) * 602.3 (Support Docs) | Supports | The purpose of each link can be determined from the link text alone or in context. |
| [2.5.1 Pointer Gestures](https://www.w3.org/TR/WCAG21/" \l "pointer-gestures) (Level A 2.1 only)  Also applies to:  EN 301 549 Criteria   * 9.2.1.4 (Web) * 10.2.1.4 (Non-web document) * 11.2.1.4.1 (Open Functionality Software) * 11.2.1.4.2 (Closed Software) * 11.8.2 (Authoring Tool) * 12.1.2 (Product Docs) * 12.2.4 (Support Docs)   Revised Section 508 – Does not apply | Not Applicable | Multipoint or path-based gestures are not required for operation. |
| [2.5.2 Pointer Cancellation](https://www.w3.org/TR/WCAG21/" \l "pointer-cancellation) (Level A 2.1 only)  Also applies to:  EN 301 549 Criteria   * 9.2.5.2 (Web) * 10.2.5.2 (Non-web document) * 11.2.5.2 (Open Functionality Software) * 11.2.5.2 (Closed Software) * 11.8.2 (Authoring Tool) * 12.1.2 (Product Docs) * 12.2.4 (Support Docs)   Revised Section 508 – Does not apply | Supports | Pointer down-events are only used to open list boxes, an action that is easy to reverse by clicking anywhere outside of the expanded drop-down list or by pressing [ESC]. |
| [2.5.3 Label in Name](https://www.w3.org/TR/WCAG21/" \l "label-in-name) (Level A 2.1 only)  Also applies to:  EN 301 549 Criteria   * 9.2.5.3 (Web) * 10.2.5.3 (Non-web document) * 11.2.5.3 (Open Functionality Software) * 11.2.5.3 (Closed Software) * 11.8.2 (Authoring Tool) * 12.1.2 (Product Docs) * 12.2.4 (Support Docs)   Revised Section 508 – Does not apply | Supports | Labels contain the text that is presented visually. |
| [2.5.4 Motion Actuation](https://www.w3.org/TR/WCAG21/" \l "motion-actuation) (Level A 2.1 only)  Also applies to:  EN 301 549 Criteria   * 9.2.5.4 (Web) * 10.2.5.4 (Non-web document) * 11.2.5.4 (Open Functionality Software) * 11.2.5.4 (Closed Software * 11.8.2 (Authoring Tool) * 12.1.2 (Product Docs) * 12.2.4 (Support Docs)   Revised Section 508 – Does not apply | Not Applicable | Device motion and user motion are not required for operation. |
| [3.1.1 Language of Page](http://www.w3.org/TR/WCAG20/" \l "meaning-doc-lang-id) (Level A)  Also applies to:  EN 301 549 Criteria   * 9.2.27 (Web) * 10.2.27 (non-web document) * 11.2.1.27 (Software) * 11.2.2.27 (Closed Software) * 11.6.2 (Authoring Tool) * 12.1.2 (Product Docs) * 12.2.4 (Support Docs)   Revised Section 508   * 501 (Web)(Software) * 504.2 (Authoring Tool) * 602.3 (Support Docs) | Supports | The default language of each page is English, which is identified using the HTML lang attribute. |
| [3.2.1 On Focus](http://www.w3.org/TR/WCAG20/" \l "consistent-behavior-receive-focus) (Level A)  Also applies to:  EN 301 549 Criteria   * 9.2.29 (Web) * 10.2.29 (non-web document) * 11.2.1.29 (Software) * 11.2.2.29 (Closed Software) – Does not apply * 11.6.2 (Authoring Tool) * 12.1.2 (Product Docs) * 12.2.4 (Support Docs)   Revised Section 508   * 501 (Web)(Software) * 504.2 (Authoring Tool) * 602.3 (Support Docs) | Supports | Components receiving focus do not initiate a change of context. |
| [3.2.2 On Input](http://www.w3.org/TR/WCAG20/" \l "consistent-behavior-unpredictable-change) (Level A)  Also applies to:  EN 301 549 Criteria   * 9.2.30 (Web) * 10.2.30 (non-web document) * 11.2.1.30 (Software) * 11.2.2.30 (Closed Software) – Does not apply * 11.6.2 (Authoring Tool) * 12.1.2 (Product Docs) * 12.2.4 (Support Docs)   Revised Section 508   * 501 (Web)(Software) * 504.2 (Authoring Tool) * 602.3 (Support Docs) | Supports | Changing the setting of a component does not initiate a change of context. |
| [3.3.1 Error Identification](http://www.w3.org/TR/WCAG20/" \l "minimize-error-identified) (Level A)  Also applies to:  EN 301 549 Criteria   * 9.2.33 (Web) * 10.2.33 (non-web document) * 11.2.1.33 (Software) * 11.2.2.33 (Closed Software) * 11.6.2 (Authoring Tool) * 12.1.2 (Product Docs) * 12.2.4 (Support Docs)   Revised Section 508   * 501 (Web)(Software) * 504.2 (Authoring Tool) * 602.3 (Support Docs) | Partially Supports | Input errors are identified and described to the user with the following exceptions:   * Some searches in the About page, Full-Text Search, Search in a Book, and Search in a Collection that include special characters result in no errors identified or unclear error messages. |
| [3.3.2 Labels or Instructions](http://www.w3.org/TR/WCAG20/" \l "minimize-error-cues) (Level A)  Also applies to:  EN 301 549 Criteria   * 9.2.34 (Web) * 10.2.34 (non-web document) * 11.2.1.34 (Software) * 11.2.2.34 (Closed Software) – Does not apply * 11.6.2 (Authoring Tool) * 12.1.2 (Product Docs) * 12.2.4 (Support Docs)   Revised Section 508   * 501 (Web)(Software) * 504.2 (Authoring Tool) * 602.3 (Support Docs) | Supports | Labels (and instructions where needed) are provided for elements requiring user input. |
| [4.1.1 Parsing](http://www.w3.org/TR/WCAG20/" \l "ensure-compat-parses) (Level A)  Also applies to:  EN 301 549 Criteria   * 9.2.37 (Web) * 10.2.37 (non-web document) * 11.2.1.37 (Software) * 11.2.2.37 (Closed Software) – Does not apply * 11.6.2 (Authoring Tool) * 12.1.2 (Product Docs) * 12.2.4 (Support Docs)   Revised Section 508   * 501 (Web)(Software) * 504.2 (Authoring Tool) * 602.3 (Support Docs) | Supports | HathiTrust uses semantically-correct markup for all interface elements. The markup is programmatically generated to prevent parsing errors. |
| [4.1.2 Name, Role, Value](http://www.w3.org/TR/WCAG20/" \l "ensure-compat-rsv) (Level A)  Also applies to:  EN 301 549 Criteria   * 9.2.38 (Web) * 10.2.38 (non-web document) * 11.2.1.38 (Software) * 11.2.2.38 (Closed Software) – Does not apply * 11.6.2 (Authoring Tool) * 12.1.2 (Product Docs) * 12.2.4 (Support Docs)   Revised Section 508   * 501 (Web)(Software) * 504.2 (Authoring Tool) * 602.3 (Support Docs) | Supports | HathiTrust uses standard HTML and WAI-ARIA attributes to describe the identity, operation, and state of user interface elements to Assistive Technologies. |

### **Table 2: Success Criteria, Level AA**

|  |  |  |
| --- | --- | --- |
| **Criteria** | **Conformance Level** | **Remarks and Explanations** |
| [1.2.4 Captions (Live)](http://www.w3.org/TR/WCAG20/" \l "media-equiv-real-time-captions) (Level AA)  Also applies to:  EN 301 549 Criteria   * 9.2.5 (Web) * 10.2.5 (non-web document) * 11.2.1.5 (Software) * 11.2.2.5 (Closed Software) – Does not apply * 11.6.2 (Authoring Tool) * 12.1.2 (Product Docs) * 12.2.4 (Support Docs)   Revised Section 508   * 501 (Web)(Software) * 504.2 (Authoring Tool) * 602.3 (Support Docs) | Not Applicable | HathiTrust does not include live video and audio content. |
| [1.2.5 Audio Description (Prerecorded)](http://www.w3.org/TR/WCAG20/" \l "media-equiv-audio-desc-only) (Level AA)  Also applies to:  EN 301 549 Criteria   * 9.2.6 (Web) * 10.2.6 (non-web document) * 11.2.1.6 (Software) * 11.2.2.6 (Closed Software) – Does not apply * 11.6.2 (Authoring Tool) * 12.1.2 (Product Docs) * 12.2.4 (Support Docs)   Revised Section 508   * 501 (Web)(Software) * 504.2 (Authoring Tool) * 602.3 (Support Docs) | Not Applicable | HathiTrust does not include video content. |
| [1.3.4 Orientation](https://www.w3.org/TR/WCAG21/" \l "orientation) (Level AA 2.1 only)  Also applies to:  EN 301 549 Criteria   * 9.1.3.4 (Web) * 10.1.3.4 (Non-web document) * 11.1.3.4 (Open Functionality Software) * 11.1.3.4 (Closed Software) * 11.8.2 (Authoring Tool) * 12.1.2 (Product Docs) * 12.2.4 (Support Docs)   Revised Section 508 – Does not apply | Supports | Display orientation is not restricted. |
| [1.3.5 Identify Input Purpose](https://www.w3.org/TR/WCAG21/" \l "identify-input-purpose) (Level AA 2.1 only)  Also applies to:  EN 301 549 Criteria   * 9.1.3.5 (Web) * 10.1.3.4 (Non-web document) * 11.1.3.5 (Open Functionality Software) * 11.1.3.5 (Closed Software) * 11.8.2 (Authoring Tool) * 12.1.2 (Product Docs) * 12.2.4 (Support Docs)   Revised Section 508 – Does not apply | Not Applicable | No information about users is collected. |
| [1.4.3 Contrast (Minimum)](http://www.w3.org/TR/WCAG20/" \l "visual-audio-contrast-contrast) (Level AA)  Also applies to:  EN 301 549 Criteria   * 9.2.12 (Web) * 10.2.12 (non-web document) * 11.2.1.12 (Software) * 11.2.2.12 (Closed Software) – Does not apply * 11.6.2 (Authoring Tool) * 12.1.2 (Product Docs) * 12.2.4 (Support Docs)   Revised Section 508   * 501 (Web)(Software) * 504.2 (Authoring Tool) * 602.3 (Support Docs) | Partially Supports | The visual presentation of text and images of text provides sufficient color contrast with the following exception:   * Suggested text in text input fields |
| [1.4.4 Resize text](http://www.w3.org/TR/WCAG20/" \l "visual-audio-contrast-scale) (Level AA)  Also applies to:  EN 301 549 Criteria   * 9.2.13 (Web) * 10.2.13 (non-web document) * 11.2.1.13 (Software) * 11.2.2.13 (Closed Software) * 11.6.2 (Authoring Tool) * 12.1.2 (Product Docs) * 12.2.4 (Support Docs)   Revised Section 508   * 501 (Web)(Software) * 504.2 (Authoring Tool) * 602.3 (Support Docs) | Supports | HathiTrust supports standard zoom capabilities built into modern web browsers and operating systems.  The book display has a built-in zoom feature allowing text to be resized up to 400%. |
| [1.4.5 Images of Text](http://www.w3.org/TR/WCAG20/" \l "visual-audio-contrast-text-presentation) (Level AA)  Also applies to:  EN 301 549 Criteria   * 9.2.14 (Web) * 10.2.14 (non-web document) * 11.2.1.14 (Software) * 11.2.2.14 (Closed Software) – Does not apply * 11.6.2 (Authoring Tool) * 12.1.2 (Product Docs) * 12.2.4 (Support Docs)   Revised Section 508   * 501 (Web)(Software) * 504.2 (Authoring Tool) * 602.3 (Support Docs) | Supports | HathiTrust does not use images of text except in the book display. The book display allows users to select to view book pages as images or plain text. |
| [1.4.10 Reflow](https://www.w3.org/TR/WCAG21/" \l "reflow) (Level AA 2.1 only)  Also applies to:  EN 301 549 Criteria   * 9.1.4.10 (Web) * 10.1.4.10 (Non-web document) * 11.1.4.10.1 (Open Functionality Software) * 11.1.4.10.2 (Closed Software) * 11.8.2 (Authoring Tool) * 12.1.2 (Product Docs) * 12.2.4 (Support Docs)   Revised Section 508 – Does not apply | Partially Supports | Text-only view of full text books supports reflow, but other pages do not. |
| [1.4.11 Non-text Contrast](https://www.w3.org/TR/WCAG21/" \l "non-text-contrast) (Level AA 2.1 only)  Also applies to:  EN 301 549 Criteria   * 9.1.4.11 (Web) * 10.1.4.11 (Non-web document) * 11.1.4.11 (Open Functionality Software) * 11.1.4.11 (Closed Software) * 11.8.2 (Authoring Tool) * 12.1.2 (Product Docs) * 12.2.4 (Support Docs)   Revised Section 508 – Does not apply | Partially Supports | The visual presentation of user interface components and graphical objects provides sufficient color contrast with the following exceptions:   * Text input field outlines on forms throughout the site * Page selection for download in book display against a white page * Hide menu button in book display against white background (both default and hover) |
| [1.4.12 Text Spacing](https://www.w3.org/TR/WCAG21/" \l "text-spacing) (Level AA 2.1 only)  Also applies to:  EN 301 549 Criteria   * 9.1.4.12 (Web) * 10.1.4.12 (Non-web document) * 11.1.4.12 (Open Functionality Software) * 11.1.4.12 (Closed Software) * 11.8.2 (Authoring Tool) * 12.1.2 (Product Docs) * 12.2.4 (Support Docs)   Revised Section 508 – Does not apply | Supports | The HathiTrust interface supports text spacing to the recommended parameters with no loss of content or functionality. |
| [1.4.13 Content on Hover or Focus](https://www.w3.org/TR/WCAG21/" \l "content-on-hover-or-focus) (Level AA 2.1 only)  Also applies to:  EN 301 549 Criteria   * 9.1.4.13 (Web) * 10.1.4.13 (Non-web document) * 11.1.4.13 (Open Functionality Software) * 11.1.4.13 (Closed Software) * 11.8.2 (Authoring Tool) * 12.1.2 (Product Docs) * 12.2.4 (Support Docs)   Revised Section 508 – Does not apply | Not Applicable | There is no content that becomes visible on pointer hover or keyboard focus. |
| [2.4.5 Multiple Ways](http://www.w3.org/TR/WCAG20/" \l "navigation-mechanisms-mult-loc) (Level AA)  Also applies to:  EN 301 549 Criteria   * 9.2.24 (Web) * 10.2.24 (non-web document) – Does not apply * 11.2.1.24 (Software) – Does not apply * 11.2.2.24 (Closed Software) – Does not apply * 11.6.2 (Authoring Tool) * 12.1.2 (Product Docs) * 12.2.4 (Support Docs)   Revised Section 508   * 501 (Web)(Software) – Does not apply to non-web software * 504.2 (Authoring Tool) * 602.3 (Support Docs) – Does not apply to non-web docs | Supports | The HathiTrust interface provides navigation links, search functions, table of contents, and multiple ways to view each book. |
| [2.4.6 Headings and Labels](http://www.w3.org/TR/WCAG20/" \l "navigation-mechanisms-descriptive) (Level AA)  Also applies to:  EN 301 549 Criteria   * 9.2.25 (Web) * 10.2.25 (non-web document) * 11.2.1.25 (Software) * 11.2.2.25 (Closed Software) – Does not apply * 11.6.2 (Authoring Tool) * 12.1.2 (Product Docs) * 12.2.4 (Support Docs)   Revised Section 508   * 501 (Web)(Software) * 504.2 (Authoring Tool) * 602.3 (Support Docs) | Supports | Headings and labels are descriptive. |
| [2.4.7 Focus Visible](http://www.w3.org/TR/WCAG20/" \l "navigation-mechanisms-focus-visible) (Level AA)  Also applies to:  EN 301 549 Criteria   * 9.2.26 (Web) * 10.2.26 (non-web document) * 11.2.1.26 (Software) * 11.2.2.26 (Closed Software) – Does not apply * 11.6.2 (Authoring Tool) * 12.1.2 (Product Docs) * 12.2.4 (Support Docs)   Revised Section 508   * 501 (Web)(Software) * 504.2 (Authoring Tool) * 602.3 (Support Docs) | Supports | Visual changes to elements to indicate the current position of focus. |
| [3.1.2 Language of Parts](http://www.w3.org/TR/WCAG20/" \l "meaning-other-lang-id) (Level AA)  Also applies to:  EN 301 549 Criteria   * 9.2.28 (Web) * 10.2.28 (non-web document) * 11.2.1.28 (Software) – Does not apply * 11.2.2.28 (Closed Software) – Does not apply * 11.6.2 (Authoring Tool) * 12.1.2 (Product Docs) * 12.2.4 (Support Docs)   Revised Section 508   * 501 (Web)(Software) * 504.2 (Authoring Tool) * 602.3 (Support Docs) | Does Not Support | Language attributes are not used to distinguish parts of the page that are in a different language from the default page language (English). |
| [3.2.3 Consistent Navigation](http://www.w3.org/TR/WCAG20/" \l "consistent-behavior-consistent-locations) (Level AA)  Also applies to:  EN 301 549 Criteria   * 9.2.31 (Web) * 10.2.31 (non-web document) – Does not apply * 11.2.1.31 (Software) – Does not apply * 11.2.2.31 (Closed Software) – Does not apply * 11.6.2 (Authoring Tool) * 12.1.2 (Product Docs) * 12.2.4 (Support Docs)   Revised Section 508   * 501 (Web)(Software) – Does not apply to non-web software * 504.2 (Authoring Tool) * 602.3 (Support Docs) – Does not apply to non-web docs | Supports | Navigation mechanisms are consistent across pages. |
| [3.2.4 Consistent Identification](http://www.w3.org/TR/WCAG20/" \l "consistent-behavior-consistent-functionality) (Level AA)  Also applies to:  EN 301 549 Criteria   * 9.2.32 (Web) * 10.2.32 (non-web document) – Does not apply * 11.2.1.32 (Software) – Does not apply * 11.2.2.32 (Closed Software) – Does not apply * 11.6.2 (Authoring Tool) * 12.1.2 (Product Docs) * 12.2.4 (Support Docs)   Revised Section 508   * 501 (Web)(Software) – Does not apply to non-web software * 504.2 (Authoring Tool) * 602.3 (Support Docs) – Does not apply to non-web docs | Supports | HathiTrust provides consistent identification across pages for components that have the same functionality. |
| [3.3.3 Error Suggestion](http://www.w3.org/TR/WCAG20/" \l "minimize-error-suggestions) (Level AA)  Also applies to:  EN 301 549 Criteria   * 9.2.35 (Web) * 10.2.35 (non-web document) * 11.2.1.35 (Software) * 11.2.2.35 (Closed Software) – Does not apply * 11.6.2 (Authoring Tool) * 12.1.2 (Product Docs) * 12.2.4 (Support Docs)   Revised Section 508   * 501 (Web)(Software) * 504.2 (Authoring Tool) * 602.3 (Support Docs) | Partially Supports | When input errors are automatically detected and suggestions for correction are known, suggestions are provided to the user with the following exceptions:   * Some searches involving special characters in the About page result in unclear error messages. * No suggestions to remove filters when a search yields no results in Search for a Collection. |
| [3.3.4 Error Prevention (Legal, Financial, Data)](http://www.w3.org/TR/WCAG20/" \l "minimize-error-reversible) (Level AA)  Also applies to:  EN 301 549 Criteria   * 9.2.36 (Web) * 10.2.36 (non-web document) * 11.2.1.36 (Software) * 11.2.2.36 (Closed Software) – Does not apply * 11.6.2 (Authoring Tool) * 12.1.2 (Product Docs) * 12.2.4 (Support Docs)   Revised Section 508   * 501 (Web)(Software) * 504.2 (Authoring Tool) * 602.3 (Support Docs) | Supports | A user is prompted to confirm when deleting a user-controlled collection. An undo option is provided when a user removes an item from a user-controlled collection. |
| [4.1.3 Status Messages](https://www.w3.org/TR/WCAG21/" \l "status-messages) (Level AA 2.1 only)  Also applies to:  EN 301 549 Criteria   * 9.4.1.3 (Web) * 10.4.1.3 (Non-web document) – Does not apply * 11.4.1.3 (Open Functionality Software) – Does not apply * 11.4.1.3 (Closed Software) – Does not apply * 11.8.2 (Authoring Tool) * 12.1.2 (Product Docs) * 12.2.4 (Support Docs)   Revised Section 508 – Does not apply | Partially Supports | Status messages can be programmatically determined through role attributes with the following exceptions:   * In book display and search results, “you must select a collection” and “item added” alerts are not read by assistive technologies such as screen readers. |

## **Revised Section 508 Report**

### **Chapter 3: Functional Performance Criteria (FPC)**

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| --- | --- | --- |
| **Criteria** | **Conformance Level** | **Remarks and Explanations** |
| 302.1 Without Vision | Partially Supports | HathiTrust uses standard HTML and WAI-ARIA attributes to describe the identity, operation, and state of user interface elements to Assistive Technologies.  For exceptions, see [WCAG 4.1.3 Status Messages](#statusmessages413). |
| 302.2 With Limited Vision | Partially Supports | HathiTrust supports standard browser magnification and magnification extensions and provides sufficient color contrast.  For exceptions, see [WCAG 1.4.3 Contrast (Minimum)](#contrastminimum143), [WCAG 1.4.11 Non-text Contrast](#nontextcontrast1411), [WCAG 1.4.10 Reflow](#reflow1410). |
| 302.3 Without Perception of Color | Supports | Color is only used as a decorative or supplemental attribute of user interface elements. |
| 302.4 Without Hearing | Not Applicable | No audio is used. |
| 302.5 With Limited Hearing | Not Applicable | No audio is used. |
| 302.6 Without Speech | Not Applicable | HathiTrust does not require speech input. |
| 302.7 With Limited Manipulation | Partially Supports | HathiTrust supports keyboard navigation. Usage of the website does not require fine motor controls nor simultaneous actions.  See [WCAG 2.1.1 Keyboard](#keyboard211) for exceptions. |
| 302.8 With Limited Reach and Strength | Partially Supports | HathiTrust supports keyboard navigation. Usage of the website does not require fine motor controls nor simultaneous actions.  See [WCAG 2.1.1 Keyboard](#keyboard211) for exceptions. |
| 302.9 With Limited Language, Cognitive, and Learning Abilities | Partially Supports | HathiTrust uses a logical focus order. The interface is consistent, intuitive, and simple to navigate.  See [WCAG 3.3.1 Error Identification](#erroridentification331) and [WCAG 3.3.3 Error Suggestion](#errorsuggestion333) for exceptions. |

### **Chapter 4: Hardware**

Notes: HathiTrust is a web software application and is not subject to the requirements of this section.

### **Chapter 5: Software**

|  |  |  |
| --- | --- | --- |
| **Criteria** | **Conformance Level** | **Remarks and Explanations** |
| 501.1 Scope – Incorporation of WCAG 2.0 AA | See [WCAG 2.1](https://docs.google.com/document/d/1fdDlPYIrJTpAxHc8t6jnMNQ8YHEyUlH8zRqaOqYX5Pk/edit#bookmark=id.2s8eyo1) section | See information in WCAG section |
| 502 Interoperability with Assistive Technology | Heading cell – no response required | Heading cell – no response required |
| 502.2.1 User Control of Accessibility Features | Supports | HathiTrust allows user control of accessibility features, including text zoom and plain text in the book display. |
| 502.2.2 No Disruption of Accessibility Features | Supports | HathiTrust is compatible with operating system and browser accessibility features configured by the user. |
| 502.3 Accessibility Services | Heading cell – no response required | Heading cell – no response required |
| 502.3.1 Object Information | Supports | HathiTrust uses WAI-ARIA attributes to describe the role, state, and description of user interface elements to Assistive Technologies. |
| 502.3.2 Modification of Object Information | Supports | All user-set states and properties are capable of being set programmatically, including through assistive technologies. |
| 502.3.3 Row, Column, and Headers | Supports | Rows, columns, and headers where applicable are programmatically determinable. |
| 502.3.4 Values | Supports | HathiTrust uses standard HTML and ARIA object attributes. |
| 502.3.5 Modification of Values | Supports | All user-set input is capable of being set programmatically, including through assistive technologies. |
| 502.3.6 Label Relationships | Supports | HathiTrust uses standard HTML and WAI-ARIA attributes to describe label relationships of user interface elements to assistive technologies. This includes the use of “<label>” and “aria-labelledby” attributes. |
| 502.3.7 Hierarchical Relationships | Supports | HathiTrust uses standard HTML markup to express hierarchical relationships. |
| 502.3.8 Text | Supports | HathiTrust renders strings as plain text values in HTML. |
| 502.3.9 Modification of Text | Supports | All user-set input is capable of being set programmatically, including through assistive technologies. |
| 502.3.10 List of Actions | Supports | HathiTrust uses standard HTML and ARIA object attributes for actions. |
| 502.3.11 Actions on Objects | Supports | HathiTrust allows assistive technology to programmatically execute available actions on objects. |
| 502.3.12 Focus Cursor | Supports | HathiTrust uses visual changes to elements to indicate the current position of focus. |
| 502.3.13 Modification of Focus Cursor | Supports | Cursor focus is modifiable through keyboard controls. |
| 502.3.14 Event Notification | Partially Supports | Notification of events relevant to user interactions are available to assistive technology.  See [WCAG 4.1.3 Status Messages](#statusmessages413) for exceptions. |
| 502.4 Platform Accessibility Features  A. Section 9.3.3 Enable sequential entry of multiple (chorded) keystrokes; B. Section 9.3.4 Provide adjustment of delay before key acceptance; C. Section 9.3.5 Provide adjustment of same-key double-strike acceptance; D. Section 10.6.7 Allow users to choose visual alternative for audio output; E. Section 10.6.8 Synchronize audio equivalents for visual events; F. Section 10.6.9 Provide speech output services; and G. Section 10.7.1 Display any captions provided. | 1. Not Applicable 2. Not Applicable 3. Not Applicable 4. Not Applicable 5. Not Applicable 6. Supports 7. Not Applicable | 1. Simultaneous keystrokes not required. 2. Not applicable. 3. Not applicable. 4. There is no audio output. 5. There is no video content. 6. HathiTrust does not provide a built-in text-to-speech feature but is accessible to screen readers. 7. There is no video content. |
| 503 Applications | Heading cell – no response required | Heading cell – no response required |
| 503.2 User Preferences | Partially Supports | User preferences from operating system settings and browser extensions for color, contrast, font type, font size, and focus cursor are respected with the following exceptions:   * Font type and font size set through browser extensions affect all text except for text in form fields, some subtitles and headings, and error messages. |
| 503.3 Alternative User Interfaces | Not Applicable | HathiTrust does not provide any alternative user interfaces that function as assistive technology. |
| 503.4 User Controls for Captions and Audio Description | Heading cell – no response required | Heading cell – no response required |
| 503.4.1 Caption Controls | Not Applicable | There is no video content. |
| 503.4.2 Audio Description Controls | Not Applicable | There is no video content. |
| 504 Authoring Tools | Heading cell – no response required | Heading cell – no response required |
| 504.2 Content Creation or Editing (if not authoring tool, enter “not applicable”) | Not Applicable | HathiTrust is not an authoring tool. |
| 504.2.1 Preservation of Information Provided for Accessibility in Format Conversion | Not Applicable |  |
| 504.2.2 PDF Export | Not Applicable |  |
| 504.3 Prompts | Not Applicable |  |
| 504.4 Templates | Not Applicable |  |

### **Chapter 6: Support Documentation and Services**

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| --- | --- | --- |
| **Criteria** | **Conformance Level** | **Remarks and Explanations** |
| 601.1 Scope | Heading cell – no response required | Heading cell – no response required |
| 602 Support Documentation | Heading cell – no response required | Heading cell – no response required |
| 602.2 Accessibility and Compatibility Features | Supports | Accessibility and compatibility features are explained on the [HathiTrust Accessibility Page](https://www.hathitrust.org/accessibility). |
| 602.3 Electronic Support Documentation | See [WCAG 2.1](#29lejf3v4yfj) section | See information in WCAG section |
| 602.4 Alternate Formats for Non-Electronic Support Documentation | Not Applicable | Support documentation is provided in electronic format. |
| 603 Support Services | Heading cell – no response required | Heading cell – no response required |
| 603.2 Information on Accessibility and Compatibility Features | Supports | Information on accessibility and compatibility features is provided online and through email. |
| 603.3 Accommodation of Communication Needs | Supports | Support services are provided through email. |

## **EN 301 549 Report**

### **Chapter 4:** [**4.2 Functional Performance Statements**](https://www.etsi.org/deliver/etsi_en/301500_301599/301549/03.01.01_20/en_301549v030101a.pdf#page=19) **(FPS)**

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| **Criteria** | **Conformance Level** | **Remarks and Explanations** |
| 4.2.1 Usage without vision | Partially Supports | HathiTrust uses standard HTML and WAI-ARIA attributes to describe the identity, operation, and state of user interface elements to Assistive Technologies.  For exceptions, see [WCAG 4.1.3 Status Messages](#statusmessages413). |
| 4.2.2 Usage with limited vision | Partially Supports | HathiTrust supports standard browser magnification and magnification extensions and provides sufficient color contrast.  For exceptions, see [WCAG 1.4.3 Contrast (Minimum)](#contrastminimum143), [WCAG 1.4.11 Non-text Contrast](#nontextcontrast1411), [WCAG 1.4.10 Reflow](#reflow1410). |
| 4.2.3 Usage without perception of colour | Supports | Color is only used as a decorative or supplemental attribute of user interface elements. |
| 4.2.4 Usage without hearing | Not Applicable | Audio is not used. |
| 4.2.5 Usage with limited hearing | Not Applicable | Audio is not used. |
| 4.2.6 Usage without vocal capability | Not Applicable | HathiTrust does not require speech input. |
| 4.2.7 Usage with limited manipulation or strength | Partially Supports | HathiTrust supports keyboard navigation. Usage of the website does not require fine motor controls nor simultaneous actions.  See [WCAG 2.1.1 Keyboard](#keyboard211) for exceptions. |
| 4.2.8 Usage with limited reach | Partially Supports | HathiTrust supports keyboard navigation. Usage of the website does not require fine motor controls nor simultaneous actions.  See [WCAG 2.1.1 Keyboard](#keyboard211) for exceptions. |
| 4.2.9 Minimize photosensitive seizure triggers | Supports | HathiTrust does not include visual features with flashing that could trigger seizures |
| 4.2.10 Usage with limited cognition | Partially Supports | HathiTrust uses a logical focus order. The interface is consistent, intuitive, and simple to navigate.  See [WCAG 3.3.1 Error Identification](#erroridentification331) and [WCAG 3.3.3 Error Suggestion](#errorsuggestion333) for exceptions. |
| 4.2.11 Privacy | Supports | HathiTrust does not impede usage of standard privacy controls alongside assistive technologies. Users can connect a headset for private listening to screen reader announcements. |

### **Chapter 5:** [**Generic Requirements**](https://www.etsi.org/deliver/etsi_en/301500_301599/301549/03.01.01_20/en_301549v030101a.pdf#page=22)

Notes: HathiTrust supports standard assistive technologies and is therefore not subject to the Closed Functionality criteria described in this chapter.

### **Chapter 6:** [**ICT with Two-Way Voice Communication**](https://www.etsi.org/deliver/etsi_en/301500_301599/301549/03.01.01_20/en_301549v030101a.pdf#page=29)

Notes: HathiTrust does not offer two-way voice communication and is therefore not subject to the criteria described in this chapter.

### **Chapter 7:** [**ICT with Video Capabilities**](https://www.etsi.org/deliver/etsi_en/301500_301599/301549/03.01.01_20/en_301549v030101a.pdf#page=34)

Notes: HathiTrust does not offer video capabilities and is therefore not subject to the criteria described in this chapter.

**Chapter 8:** [**Hardware**](https://www.etsi.org/deliver/etsi_en/301500_301599/301549/03.01.01_20/en_301549v030101a.pdf#page=36)

Notes: HathiTrust is a web software application and is therefore not subject to the criteria described in this chapter.

### **Chapter 9:** [**Web**](https://www.etsi.org/deliver/etsi_en/301500_301599/301549/03.01.01_20/en_301549v030101a.pdf#page=44) ***(see*** [***WCAG 2.1 section***](#_WCAG_2.1_Report)***)***

### **Chapter 10:** [**Non-web Documents**](https://www.etsi.org/deliver/etsi_en/301500_301599/301549/03.01.01_20/en_301549v030101a.pdf#page=51)

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| **Criteria** | **Conformance Level** | **Remarks and Explanations** |  |
| **10.0 General** | **Heading cell – no response required** | **Heading cell – no response required** |  |
| 10.1.1.1 through 10.4.1.3 | See [WCAG 2.1](#_WCAG_2.1_Report) section | See information in WCAG section |  |
| 10.5 Caption positioning | Not Applicable | There is no video content |  |
| 10.6 Audio description timing | Not Applicable | There is no video content |  |

### **Chapter 11:** [**Software**](https://www.etsi.org/deliver/etsi_en/301500_301599/301549/03.01.01_20/en_301549v030101a.pdf#page=62)

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| [**C**](https://www.etsi.org/deliver/etsi_en/301500_301599/301549/03.01.01_20/en_301549v030101a.pdf#page=62)**riteria** | **Conformance Level** | **Remarks and Explanations** |
| 11.0 General | Heading cell - no response required | Heading cell - no response required |
| 11.1.1.1 through 11.4.1.3 | See [WCAG 2.1](#_WCAG_2.1_Report) section | See information in WCAG section |
| 11.5 Interoperability with assistive technology | Heading cell – no response required | Heading cell – no response required |
| 11.5.1 Closed functionality (informative) | Heading cell – no response required | Heading cell – no response required |
| 11.5.2 Accessibility services | Heading cell – no response required | Heading cell – no response required |
| 11.5.2.1 Platform accessibility service support for software that provides a user interface | See 11.3.2.5 through 11.3.2.17 | See information in 11.3.2.5 through 11.3.2.17 |
| 11.5.2.2 Platform accessibility service support for assistive technologies | See 11.3.2.5 through 11.3.2.17 | See information in 11.3.2.5 through 11.3.2.17 |
| 11.5.2.3 Use of accessibility services | Supports | HathiTrust uses standard platform accessibility services. |
| 11.5.2.4 Assistive technology | Not Applicable | HathiTrust is not itself an assistive technology. |
| 11.5.2.5 Object information | Supports | HathiTrust uses WAI-ARIA attributes to describe the role, state, and description of user interface elements to Assistive Technologies. |
| 11.5.2.6 Row, column, and headers | Supports | Row, column, and headers where applicable are programmatically determinable. |
| 11.5.2.7 Values | Supports | HathiTrust uses standard HTML and ARIA object attributes. |
| 11.5.2.8 Label relationships | Supports | HathiTrust uses standard HTML and WAI-ARIA attributes to describe label relationships of user interface elements to assistive technologies. This includes the use of “<label>” and “aria-labelledby” attributes. |
| 11.5.2.9 Parent-child relationships | Supports | HathiTrust uses standard HTML markup to express hierarchical relationships. |
| 11.5.2.10 Text | Supports | HathiTrust renders strings as plain text values in HTML. |
| 11.5.2.11 List of available actions | Supports | HathiTrust uses standard HTML and ARIA object attributes for actions such as search and filter. |
| 11.5.2.12 Execution of available actions | Supports | HathiTrust allows assistive technology to programmatically execute available actions on objects. |
| 11.5.2.13 Tracking of focus and selection attributes | Supports | Focus, text insertion point, and selection attributes of user interface elements are programmatically determinable by assistive technologies. |
| 11.5.2.14 Modification of focus and selection attributes | Supports | HathiTrust allows keyboards and assistive technologies to programmatically modify focus, text insertion point, and selection attributes of user interface elements. |
| 11.5.2.15 Change notification | Partially Supports | Notification of changes to attributes of user interface elements are available to assistive technology.  See [WCAG 4.1.3 Status Messages](#statusmessages413) for exceptions. |
| 11.5.2.16 Modifications of states and properties | Supports | All user-set states and properties are capable of being set programmatically, including through assistive technologies. |
| 11.5.2.17 Modifications of values and text | Supports | All user-set input is capable of being set programmatically, including through assistive technologies. |
| 11.6 Documented accessibility usage | Heading cell – no response required | Heading cell – no response required |
| 11.6.1 User control of accessibility features | Supports | HathiTrust allows user control of accessibility features, including text zoom and plain text in the book display. |
| 11.6.2 No disruption of accessibility features | Supports | HathiTrust is compatible with operating system and browser accessibility features configured by the user. |
| 11.7 User preferences | Partially Supports | User preferences from operating system settings and browser extensions for color, contrast, font type, font size, and focus cursor are respected with the following exceptions:   * Font type and font size set through browser extensions affect all text except for text in form fields, some subtitles and headings, and error messages. |
| 11.8 Authoring tools | Heading cell - no response required | Heading cell - no response required |
| 11.8.1 Content technology | Heading cell - no response required | Heading cell - no response required |
| 11.8.2 Accessible content creation | Not Applicable | HathiTrust is not an authoring tool |
| 11.8.3 Preservation of accessibility information in transformations | Not Applicable | HathiTrust is not an authoring tool |
| 11.8.4 Repair assistance | Not Applicable | HathiTrust is not an authoring tool |
| 11.8.5 Templates | Not Applicable | HathiTrust is not an authoring tool |

### **Chapter 12:** [**Documentation and Support Services**](https://www.etsi.org/deliver/etsi_en/301500_301599/301549/03.01.01_20/en_301549v030101a.pdf#page=81)

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| --- | --- | --- |
| **Criteria** | **Conformance Level** | **Remarks and Explanations** |
| 12.1 Product documentation | Heading cell – no response required | Heading cell – no response required |
| 12.1.1 Accessibility and compatibility features | Supports | Accessibility and compatibility features are explained on the [HathiTrust Accessibility Page](https://www.hathitrust.org/accessibility). |
| 12.1.2 Accessible documentation | See [WCAG 2.1](#_WCAG_2.1_Report) section | See information in WCAG section |
| 12.2 Support Services | Heading cell – no response required | Heading cell – no response required |
| 12.2.2 Information on accessibility and compatibility features | Supports | Information on accessibility and compatibility features is provided online and through email. |
| 12.2.3 Effective communication | Supports | Support services are provided through email. |
| 12.2.4 Accessible documentation | See [WCAG 2.1](#_WCAG_2.1_Report) section | See information in WCAG section |

### **Chapter 13:** [**ICT Providing Relay or Emergency Service Access**](https://www.etsi.org/deliver/etsi_en/301500_301599/301549/03.01.01_20/en_301549v030101a.pdf#page=83)

Notes: HathiTrust does not provide relay or emergency services and is therefore not subject to the criteria described in this chapter.