



HathiTrust Accessibility Conformance Report WCAG Edition

(Based on VPAT[®] Version 2.5)

Name of Product/Version:

HathiTrust Digital Library

Report Date:

08/22/2024

Product Description:

The HathiTrust Digital Library permits individuals to search across and access 18 million digitized texts.

Contact Information:

support@hathitrust.org

Notes:

This report was created by Deque Systems Inc. upon completion of an accessibility evaluation and validation performed between 04/19/2024 and 08/22/2024. This Accessibility Conformance Report evaluates the search and access interfaces of the HathiTrust Digital Library, as well as a representative sampling of WordPress informational web pages. Digitized texts were not evaluated.

“Voluntary Product Accessibility Template” and “VPAT” are registered service marks of the Information Technology Industry Council (ITI)

Evaluation Methods Used:

A combination of automated and manual testing techniques was employed for the accessibility assessment.

- Manual assessment was performed using Chrome Version 122.0.6261.129 on Windows 10 and included exclusive use of the keyboard.
- Automated tools used included axe Auditor and the axe DevTools browser extension.
- Assistive technologies employed included NVDA Version 2023.3.1.

Scope of Evaluation

The pages in the following table were evaluated as part of the assessment on which this report is based.

Test Unit	URL
Accessibility	https://www.hathitrust.org/accessibility/
Advanced Search	https://babel.hathitrust.org/cgi/lis?a=page&page=advanced
Catalogue Record	https://catalog.hathitrust.org/Record/000500709
Collection item listing page	https://babel.hathitrust.org/cgi/mb?a=listis;c=464226859
Featured Collections	https://babel.hathitrust.org/cgi/mb?colltype=featured
Full View	https://babel.hathitrust.org/cgi/pt?id=loc.ark:/13960/t5w67nq1q&seq=7
Home page	https://www.hathitrust.org/
Privacy Policy	https://www.hathitrust.org/the-collection/terms-conditions/privacy-policy/
Search Results	https://babel.hathitrust.org/cgi/lis?q1=apple&field1=ocr&a=srchls&ft=ft&lmt=ft
Search and Access	https://www.hathitrust.org/the-collection/search-access/
Title Search Results	https://catalog.hathitrust.org/Search/Home?lookfor=apple&searchtype=title&ft=ft&setft=true

In addition to the pages listed above, the following components that appear on multiple pages were tested as part of the assessment:

- Cookie consent banner and modal
- Footer
- Nav bar
- New Collection Dialog

- Pagination
- Search wrapper
- Filter section

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 2.0	Level A (Yes) Level AA (Yes) Level AAA (No)
Web Content Accessibility Guidelines 2.1	Level A (Yes) Level AA (Yes) Level AAA (No)
Web Content Accessibility Guidelines 2.2	Level A (No) Level AA (No) Level AAA (No)

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 Level AAA criteria.

WCAG 2.1 Report

Note: When reporting on conformance with the WCAG 2.1 Success Criteria, the criteria are scoped for full pages, complete processes, and accessibility-supported ways of using technology as documented in the [WCAG 2.1 Conformance Requirements](#).

Table 1: Success Criteria, Level A

Notes:

Criteria	Conformance Level	Remarks and Explanations
1.1.1 Non-text Content (Level A)	Supports	Non-text content has text alternatives or a text alternate that serves an equivalent purpose.
1.2.1 Audio-only and Video-only (Prerecorded) (Level A)	Not Applicable	Prerecorded audio-only files are not present.
1.2.2 Captions (Prerecorded) (Level A)	Not Applicable	Prerecorded videos are not present.
1.2.3 Audio Description or Media Alternative (Prerecorded) (Level A)	Not Applicable	Prerecorded videos are not present, therefore audio description is not required.
1.3.1 Info and Relationships (Level A)	Supports	Information, structure, and relationships conveyed through presentation can be programmatically determined or are available in text.
1.3.2 Meaningful Sequence (Level A)	Supports	The reading and navigation order is logical and intuitive.
1.3.3 Sensory Characteristics (Level A)	Supports	Content does not rely on sensory characteristics of components such as shape, color, size, visual location, orientation, or sound for understanding and operating content.
1.4.1 Use of Color (Level A)	Supports	Color is not used as the only method to convey information, indicate an action, prompt a response, or distinguish visual elements.
1.4.2 Audio Control (Level A)	Not Applicable	The tested pages do not contain audio content that plays automatically.
2.1.1 Keyboard (Level A)	Supports	Most functionalities are available using the keyboard (unless the functionality cannot be accomplished in any known way using a keyboard) and if present some shortcut keys and access keys may conflict with existing browser and screen reader shortcuts and some functionalities based on custom gestures may not be available when a screen reader is turned on.

Criteria	Conformance Level	Remarks and Explanations
2.1.2 No Keyboard Trap (Level A)	Supports	Keyboard focus is not locked or trapped in a particular area and the user is able to navigate to and from all navigable elements using only a keyboard.
2.1.4 Character Key Shortcuts (Level A 2.1)	Supports	If a single character key shortcut exists, then at least one of the following is true: single character key shortcuts can be turned off, remapped or are only active when the relevant user interface component is in focus.
2.2.1 Timing Adjustable (Level A)	Supports	If a time limit exists, a user is given options to turn off, adjust, or extend that time limit.
2.2.2 Pause, Stop, Hide (Level A)	Not Applicable	The web pages do not contain moving, blinking, scrolling, or auto-updating information.
2.3.1 Three Flashes or Below Threshold (Level A)	Not Applicable	The tested application does not contain flashing content.
2.4.1 Bypass Blocks (Level A)	Supports	Method is provided to skip navigation and other page elements that are repeated across web pages and frames have appropriate titles.
2.4.2 Page Titled (Level A)	Supports	Pages have descriptive and informative titles.
2.4.3 Focus Order (Level A)	Supports	The navigation order of interactive elements (such as links, buttons, or form elements) is logical and preserves meaning and operability.
2.4.4 Link Purpose (In Context) (Level A)	Supports	The purpose of each link can be determined from the link text alone or from the link text and its programmatic context.
2.5.1 Pointer Gestures (Level A 2.1)	Supports	All functionality that can be operated with a pointer can be operated with single-point actions.
2.5.2 Pointer Cancellation (Level A 2.1)	Supports	For functionality that can be operated using a single-pointer at least one of the following is true: no down-event, abort/undo, up reversal or essential.
2.5.3 Label in Name (Level A 2.1)	Supports	For each user interface component that includes a visible text label, the accessible name matches (or includes) the visible text in the label.
2.5.4 Motion Actuation (Level A 2.1)	Supports	Functionality that can be triggered by device motion or user motion detected by a device can be disabled and the functionality can be operated without using motion.
3.1.1 Language of Page (Level A)	Supports	The language of the page/s are correctly identifiable.

Criteria	Conformance Level	Remarks and Explanations
3.2.1 On Focus (Level A)	Supports	When an element receives focus, a substantial change to the page (such as the spawning of a pop-up window or a focus change) does not occur that would disorient the user.
3.2.2 On Input (Level A)	Supports	When a user inputs information or interacts with a control, it does not result in a substantial change to the page that could disorient the user unless or the user is informed of the change ahead of time.
3.3.1 Error Identification (Level A)	Supports	Efficient, intuitive and clearly identified text-based alerts are provided to users for form validation cues and errors.
3.3.2 Labels or Instructions (Level A)	Supports	For form controls/input fields requiring user input, labels, instructions, and/or error messages are provided to identify the controls/input fields in the form so that users know what input data is expected.
4.1.1 Parsing (Level A)	Supports	For the WCAG 2.0, 2.1, EN 301 549, and Revised 508 Standards, the September 2023 errata update indicates this criterion is always supported. See the WCAG 2.0 Editorial Errata and the WCAG 2.1 Editorial Errata . This criterion was removed from WCAG 2.2.
4.1.2 Name, Role, Value (Level A)	Supports	The name, role, state, and value of each user interface components can be programmatically determined.

Table 2: Success Criteria, Level AA

Notes:

Criteria	Conformance Level	Remarks and Explanations
1.2.4 Captions (Live) (Level AA)	Not Applicable	Live multimedia files with audio are not present, therefore synchronized captions are not required.
1.2.5 Audio Description (Prerecorded) (Level AA)	Not Applicable	Prerecorded multimedia files are not present, therefore audio descriptions are not required.
1.3.4 Orientation (Level AA 2.1)	Supports	Orientation of the content is not locked to either landscape or portrait, unless a specific orientation is essential for the functionality.

Criteria	Conformance Level	Remarks and Explanations
1.3.5 Identify Input Purpose (Level AA 2.1)	Supports	The purpose for each input field that collects an individual's personal data is programmatically defined based on the WCAG list of Input Purposes for User Interface Components.
1.4.3 Contrast (Minimum) (Level AA)	Supports	Text and images of regular text have the required color contrast ratio with their backgrounds.
1.4.4 Resize text (Level AA)	Supports	Content is readable and functional when browser zoom is set to 200% of its initial size.
1.4.5 Images of Text (Level AA)	Supports	When the same visual presentation can be made using text alone, an image is not used to present that text.
1.4.10 Reflow (Level AA 2.1)	Supports	The content of each page is viewable without scrolling horizontally when the viewport is set to 320 CSS pixels wide.
1.4.11 Non-text Contrast (Level AA 2.1)	Supports	The boundaries and indicators of the visual state(s) of each active user component and any graphics required to understand content have a 3:1 color contrast ratio with adjacent color(s) or their background.
1.4.12 Text Spacing (Level AA 2.1)	Supports	The spacing between letters, words, lines of text and paragraphs can be adjusted with no loss of content or functionality.
1.4.13 Content on Hover or Focus (Level AA 2.1)	Supports	When additional content is triggered by pointer hover or keyboard focus, that additional content can be dismissed and hovered over, and the content persists until the user dismisses it.
2.4.5 Multiple Ways (Level AA)	Supports	Multiple ways are available to find other pages on the site.
2.4.6 Headings and Labels (Level AA)	Supports	Headings and labels for form and interactive controls are informative.
2.4.7 Focus Visible (Level AA)	Supports	It is visually apparent which page element is currently receiving keyboard focus.
3.1.2 Language of Parts (Level AA)	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.
3.2.3 Consistent Navigation (Level AA)	Supports	Navigation patterns that are repeated on web pages are presented in the same relative order each time they appear and do not change order when navigating through the site.

Criteria	Conformance Level	Remarks and Explanations
3.2.4 Consistent Identification (Level AA)	Supports	Labels, names, and text alternatives for content that have the same functionality across multiple web pages are consistently identified.
3.3.3 Error Suggestion (Level AA)	Supports	If input errors are automatically detected, suggestions are provided in text for fixing the input in a timely and accessible manner before the data is submitted to the server.
3.3.4 Error Prevention (Legal, Financial, Data) (Level AA)	Supports	If the user can change or delete legal, financial, student exam responses, or unrecoverable/unintentionally modified or deleted data, the changes/deletions are reversible, verified, or confirmed.
4.1.3 Status Messages (Level AA 2.1)	Supports	Status messages can be programmatically determined and presented by assistive technologies without receiving focus.

Table 3: Success Criteria, Level AAA

Notes: Level AAA success criteria are not within the scope of this conformance evaluation.

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