[JapanKnowledge] Accessibility Conformance Report

WCAG Edition

(Based on VPAT® Version 2.5Rev)

Name of Product/Version:

JapanKnowledge Lib HTML5 Viewer-style Text Screen for The Tale of Genji – Kiritsubo
(https://japanknowledge.com/lib/display/?lid=80110V00200017&scale=0.25&top=-36px&left=396px&angle=0&mode=0)

Report Date:

October 31, 2025

Product Description:

In the JapanKnowledge Lib HTML5 Viewer-style Text Screen (https://japanknowledge.com/lib/display/?lid=80110V00200017&scale=0.25&top=-36px&left=396px&angle=0&mode=0), you can freely adjust the display by using features like full-screen mode, zooming in/out, and rotating. You can not only read page by page, but also jump to a desired page directly from the table of contents displayed on the right side.The page diagnosed this time is the first page of The Tale of Genji (Kiritsubo).

Contact Information:

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Notes:

The evaluation of JapanKnowledge Lib HTML5 Viewer-style Text Screen for The Tale of Genji – Kiritsubo (https://japanknowledge.com/lib/display/?lid=80110V00200017&scale=0.25&top=-36px&left=396px&angle=0&mode=0) and this subsequent report were conducted independently by Concent Inc (https://www.concentinc.jp/).

Evaluation Methods Used:

macOS VoiceOver x Chrome

・Manual Testing : Keyboard-only use on Chrome (macOS)

・Automated Testing : axe DevTools (Chrome Extension)

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 (Yes)
	Level AA (Yes)
	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 only be used in WCAG Level AAA criteria.

WCAG 2.x Report

Note: When reporting on conformance with the WCAG 2.x Success Criteria, they are scoped for full pages, complete processes, and accessibility-supported ways of using technology as documented in the WCAG 2.0 Conformance Requirements.

Table 1: Success Criteria, Level A

Notes:

Criteria	Conformance Level	Remarks and Explanations
1.1.1 Non-text Content (Level A)	Does Not Support	**The appropriate alternative text has not been set for the image.** The paper image presented as the main content is displayed as a <canvas> element, and no alternative information is provided to access the equivalent content. **The meaningful symbols (characters) do not have appropriate alternative information set.** In the page navigation buttons located at the bottom of the screen, symbols are used to indicate the content. While the title attribute is used to provide the meaning of the symbols, it is applied to the elements instead of the <a> elements. As a result, when focusing on the <a> elements, there is a possibility that the information may not be correctly retrieved. For example, symbols like |<, <, >, and >| are used for navigation. ◆The image will be updated with alternative information in the UI during the website renewal in August 2026. The "page navigation buttons" are also scheduled to be updated during the site renewal in August 2026, too.
1.2.1 Audio-only and Video-only (Prerecorded) (Level A)	Not Applicable	
1.2.2 Captions (Prerecorded) (Level A)	Not Applicable	
1.2.3 Audio Description or Media Alternative (Prerecorded) (Level A)	Not Applicable	
1.3.1 Info and Relationships (Level A)	Does Not Support	**Landmarks are not used.**

Criteria	Conformance Level	Remarks and Explanations
		Landmarks could be applied in the following areas of the page, but elements indicating landmarks are not used: ・ Header area ・ Main content area ・ Widget area ・ Search area ・ Navigation area **There are no heading elements present on the page.** There are no heading elements (h1–h6) present on the page. For example, the following section, which is displayed as the viewer title, can be considered as a heading: ・ " Japanese Classical Literature [20] Genji Monogatari (1) Kiri-tsubo P.17" **The relationships within the list are difficult to understand.** In the items listed within the table of contents, the "parent-child relationships" of the items, which are visually represented through indentation, are not reflected in the HTML structure. Furthermore, the use of elements without content for the margins results in an inability to accurately display the total number of list items. ◆The implementation of "landmarks" is scheduled for the website renewal in August 2026; however, the

Criteria	Conformance Level	Remarks and Explanations
		"search area" (search menu) will not be included after the renewal (this feature will not be added). The "heading elements within the page" will be addressed as part of the site renewal in August 2026. The issue regarding the "difficulty in understanding the relationships within the list" will not be fully addressed even after the site renewal in August 2026.
1.3.2 Meaningful Sequence (Level A)	Supports	
1.3.3 Sensory Characteristics (Level A)	Supports	
1.4.1 Use of Color (Level A)	Does Not Support	**There is a possibility that the meaning of areas presented only with color cannot be understood.** In the tab UI, the selected tab item is indicated by changes in text and background only. ◆This will be addressed in the site renewal scheduled for August 2026.
1.4.2 Audio Control (Level A)	Not Applicable	
2.1.1 Keyboard (Level A)	Does Not Support	**It is necessary to use both vertical and horizontal scrolling to progress through the content.** In the table of contents within the tab UI, the content does not fit within the width of the area, requiring horizontal scrolling to navigate through the items. Both vertical and horizontal scrollbars are constantly visible, making it difficult to view the content within the table of contents tab. **There are features that cannot be accessed using only keyboard navigation.** The following areas are interactive, but due to not receiving keyboard focus, they cannot be used with keyboard navigation alone: ・Tab UI

Criteria	Conformance Level	Remarks and Explanations
		・Search menu toggle UI **It is not possible to select items using keyboard navigation alone.** In the radio button items within the search menu, using the left and right arrow keys to select an item triggers page navigation (forward and backward), preventing the user from selecting the item. ◆The "Tab UI" and table of contents items will be addressed in the site renewal scheduled for August 2026. Additionally, the "search menu toggle UI" will not be included after the site renewal in August 2026 (this feature will not be implemented).
2.1.2 No Keyboard Trap (Level A)	Supports	
2.1.4 Character Key Shortcuts (Level A 2.1 and 2.2)	Supports	
2.2.1 Timing Adjustable (Level A)	Not Applicable	
2.2.2 Pause, Stop, Hide (Level A)	Not Applicable	
2.3.1 Three Flashes or Below Threshold (Level A)	Not Applicable	
2.4.1 Bypass Blocks (Level A)	Does Not Support	**There is no way to quickly navigate to the main content.** Each page provides the main content after the header, but there are no <h1> elements or <main> landmarks used, so there is no method to quickly navigate to the main content area within the page. ◆This will be addressed in the site renewal scheduled for August 2026.
2.4.2 Page Titled (Level A)	Supports	
2.4.3 Focus Order (Level A)	Supports	
2.4.4 Link Purpose (In Context) (Level A)	Supports	

Criteria	Conformance Level	Remarks and Explanations
2.5.1 Pointer Gestures (Level A 2.1 and 2.2)	Not Applicable	
2.5.2 Pointer Cancellation (Level A 2.1 and 2.2)	Not Applicable	
2.5.3 Label in Name (Level A 2.1 and 2.2)	Not Applicable	
2.5.4 Motion Actuation (Level A 2.1 and 2.2)	Not Applicable	
3.1.1 Language of Page (Level A)	Does Not Support	**The primary language of the page is not properly indicated.** The lang attribute is set on the <html> element, but it contains multiple language codes ("ja ja"), which may prevent machines from correctly identifying the primary language of the page. ◆This will be addressed in the site renewal scheduled for August 2026.
3.2.1 On Focus (Level A)	Supports	
3.2.2 On Input (Level A)	Supports	
3.2.6 Consistent Help (Level A 2.2 only)	Supports	
3.3.1 Error Identification (Level A)	Not Applicable	
3.3.2 Labels or Instructions (Level A)	Does Not Support	**The method for executing content input is not clearly indicated.** In the following input fields, there is no provided button for executing the input. While the execution action can be triggered by pressing the Enter key, it relies on the user's literacy and understanding: ・Text input field for page number ◆This will be addressed in the site renewal scheduled for August 2026.
3.3.7 Redundant Entry (Level A 2.2 only)	Not Applicable	
4.1.1 Parsing (Level A) WCAG 2.0 and 2.1 – Always answer 'Supports'	Supports	For WCAG 2.0 and 2.1, the September 2023 errata update indicates this criterion is always supported. See

Criteria	Conformance Level	Remarks and Explanations
WCAG 2.2 (obsolete and removed) - Does not apply		the WCAG 2.0 Editorial Errata and the WCAG 2.1 Editorial Errata.
4.1.2 Name, Role, Value (Level A)	Does Not Support	**An accessible name, which allows assistive technologies to recognize the UI, has not been provided.** The following input field does not have an accessible name provided, which makes it unrecognizable by assistive technologies such as screen readers: ・Text input field for page number **Areas using custom UI components do not convey their roles or states to assistive technologies.** The following areas include roles or states that cannot be represented using standard HTML elements, but content is not presented using WAI-ARIA: ・Tab UI ・"Search menu" toggle UI ◆The "text input field for page number" and "Tab UI" are scheduled to be addressed in the site renewal in August 2026. Additionally, the "search menu toggle UI" will not be included after the site renewal in August 2026 (this feature will not be implemented).

Table 2: Success Criteria, Level AA

Notes:

Criteria	Conformance Level	Remarks and Explanations
1.2.4 Captions (Live) (Level AA)	Not Applicable	

Criteria	Conformance Level	Remarks and Explanations
1.2.5 Audio Description (Prerecorded) (Level AA)	Not Applicable	
1.3.4 Orientation (Level AA 2.1 and 2.2)	Supports	
1.3.5 Identify Input Purpose (Level AA 2.1 and 2.2)	Not Applicable	
1.4.3 Contrast (Minimum) (Level AA)	Does Not Support	**The contrast of the text is insufficient, which may result in the text being unreadable.** The contrast ratio between the text color and the background color in the following areas is less than 4.5:1: ➢ Light purple text on a purple background (approximately 4.19:1) ・"Basic Search", "Detailed (Individual) Search", "Bookshelf" (only on hover) **The contrast of the text is insufficient, which may result in the text being difficult to read.** The contrast ratio between the text color and the background color in the following areas is less than 4.5:1: ➢ Black text on a gray background (approximately 3.5:1) ・Tab items in their unselected state, such as "Modern Japanese Translation" ➢ Orange text on a white background (approximately 3.5:1) ・Current item within the "Table of Contents" tab ➢ Gray text on a white background (approximately 2.6:1)

Criteria	Conformance Level	Remarks and Explanations
		・"Genji Monogatari" text (within the "Bibliographic Information" tab) ◆This will be addressed in the site renewal scheduled for August 2026.
[1.4.4 Resize text](#) (Level AA)	Supports	
[1.4.5 Images of Text](#) (Level AA)	Supports	
[1.4.10 Reflow](#) (Level AA 2.1 and 2.2)	Not Applicable	
[1.4.11 Non-text Contrast](#) (Level AA 2.1 and 2.2)	Supports	
[1.4.12 Text Spacing](#) (Level AA 2.1 and 2.2)	Supports	
[1.4.13 Content on Hover or Focus](#) (Level AA 2.1 and 2.2)	Supports	
[2.4.5 Multiple Ways](#) (Level AA)	Supports	
[2.4.6 Headings and Labels](#) (Level AA)	Supports	
[2.4.7 Focus Visible](#) (Level AA)	Does Not Support	**Due to the lack of changes when the keyboard focus is applied, it is difficult to identify the current active element.** The following area does not exhibit any visual change when keyboard focus is applied: ・Knowledge Searcher button ◆This will not be included after the site renewal in August 2026 (this feature will not be implemented).
[2.4.11 Focus Not Obscured (Minimum)](#) (Level AA 2.2 only)	Does Not Support	**[SP Display Only]** **When the hamburger menu is open and the keyboard focus is moved forward, the focus is hidden, making it difficult to track the active element.** When using the keyboard, if the menu in the header is open and the Tab key is pressed to move through the content, the tab focus moves outside the menu. As a

Criteria	Conformance Level	Remarks and Explanations
		result, the tab focus is completely hidden by the menu, making it difficult to track the active focus point. ◆This will be addressed in the site renewal scheduled for August 2026.
[2.5.7 Dragging Movements](#) (Level AA 2.2 only)	Does Not Support	**The navigation of the displayed content depends on drag operations.** In the viewer, images can be moved to any position through drag operations, but the same functionality cannot be performed using a single pointer operation. ◆Some of these issues will not be addressed even after the site renewal in August 2026.
[2.5.8 Target Size (Minimum)](#) (Level AA 2.2 only)	Does Not Support	**[SP Display Only]** **The clickable areas do not have sufficient size, which increases the likelihood of accidental interactions.** In the footer, the link items such as "Recommended Environment" do not meet the minimum expected size (320px width) when viewed at the anticipated smallest size, resulting in insufficient link size. ◆This will be addressed in the site renewal scheduled for August 2026.
[3.1.2 Language of Parts](#) (Level AA)	Does Not Support	**Language information is not provided for sections that use a language different from the primary language of the page.** In the language link section within the header, where a language different from the primary language of the page (English) is used, the language attribute is not explicitly specified. ◆Some of these issues will not be addressed even after the site renewal in August 2026.

Criteria	Conformance Level	Remarks and Explanations
3.2.3 Consistent Navigation (Level AA)	Supports	
3.2.4 Consistent Identification (Level AA)	Supports	
3.3.3 Error Suggestion (Level AA)	Not Applicable	
3.3.4 Error Prevention (Legal, Financial, Data) (Level AA)	Not Applicable	
3.3.8 Accessible Authentication (Minimum) (Level AA 2.2 only)	Not Applicable	
4.1.3 Status Messages (Level AA 2.1 and 2.2)	Not Applicable	

Table 3: Success Criteria, Level AAA

Notes:

Criteria	Conformance Level	Remarks and Explanations
1.2.6 Sign Language (Prerecorded) (Level AAA)		
1.2.7 Extended Audio Description (Prerecorded) (Level AAA)		
1.2.8 Media Alternative (Prerecorded) (Level AAA)		
1.2.9 Audio-only (Live) (Level AAA)		
1.3.6 Identify Purpose (Level AAA 2.1 and 2.2)		
1.4.6 Contrast (Enhanced) (Level AAA)		
1.4.7 Low or No Background Audio (Level AAA)		
1.4.8 Visual Presentation (Level AAA)		
1.4.9 Images of Text (No Exception) (Level AAA)		
2.1.3 Keyboard (No Exception) (Level AAA)		
2.2.3 No Timing (Level AAA)		
2.2.4 Interruptions (Level AAA)		
2.2.5 Re-authenticating (Level AAA)		
2.2.6 Timeouts (Level AAA 2.1 and 2.2)		
2.3.2 Three Flashes (Level AAA)		
2.3.3 Animation from Interactions (Level AAA 2.1 and 2.2)		
2.4.8 Location (Level AAA)		

Criteria	Conformance Level	Remarks and Explanations
2.4.9 Link Purpose (Link Only) (Level AAA)		
2.4.10 Section Headings (Level AAA)		
2.4.12 Focus Not Obscured (Enhanced) (Level AAA 2.2 only)		
2.4.13 Focus Appearance (Level AAA 2.2 only)		
2.5.5 Target Size (Level AAA 2.1 and 2.2)		
2.5.6 Concurrent Input Mechanisms (Level AAA 2.1 and 2.2)		
3.1.3 Unusual Words (Level AAA)		
3.1.4 Abbreviations (Level AAA)		
3.1.5 Reading Level (Level AAA)		
3.1.6 Pronunciation (Level AAA)		
3.2.5 Change on Request (Level AAA)		
3.3.5 Help (Level AAA)		
3.3.6 Error Prevention (All) (Level AAA)		
3.3.9 Accessible Authentication (Enhanced) (Level AAA 2.2 only)		

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