

High-Level Accessibility Evaluation (WCAG 2.1)

Art Song Transpositions

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Prepared for:

BTAA-Library Accessibility Alliance

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SUMMARY

This report reflects the findings of a high-level assessment of the Art Song Transpositions Platform for its conformance with the W3C Web Content Accessibility Guidelines version 2.1 (WCAG 2.1).

There are several WCAG 2.1 AA compliance issues with the Art Song Transpositions platform and some of them are major issues that will significantly impact users with accessibility needs. For remediation it will be important to carefully review the WCAG 2.1 AA web standards. Below are the most critical issues to address to improve system compliance.

Top Findings

1. **Keyboard Navigation:** Currently there is no focus state for any of the interactive elements on the page. This is a serious issue and makes the website almost impossible to navigate for visually impaired users and users with decreased motor functions that require the use of a keyboard to navigate the web. This correction should be a priority. Additionally, there are no skip links at the top of the page to allow the users to bypass repeated content on the page to get to the main content. This is a level A requirement and needs to be remediated.
2. **Zooming and Scaling:** This is a major accessibility necessity, especially for users that have visual impairments. Disabling this function makes it extremely difficult for a visually impaired user to navigate the site and needs to be enabled.
3. **Color Contrast:** There are several contrast issues across the site that do not meet contrast requirements. (1) Many of the form fields are a light gray, (2) site's primary yellow is too light against white. Additionally, there is one link that persists across the site that does not meet contrast with the background or the surrounding text and does not have a text decoration, so it will blend in for users with visual impairments.

Best Practices

- ◆ All page content should be contained by landmarks
- ◆ Document should have one main landmark
- ◆ Page should contain a level one heading
- ◆ Heading levels should only increase by one

ACCESSIBILITY FINDINGS

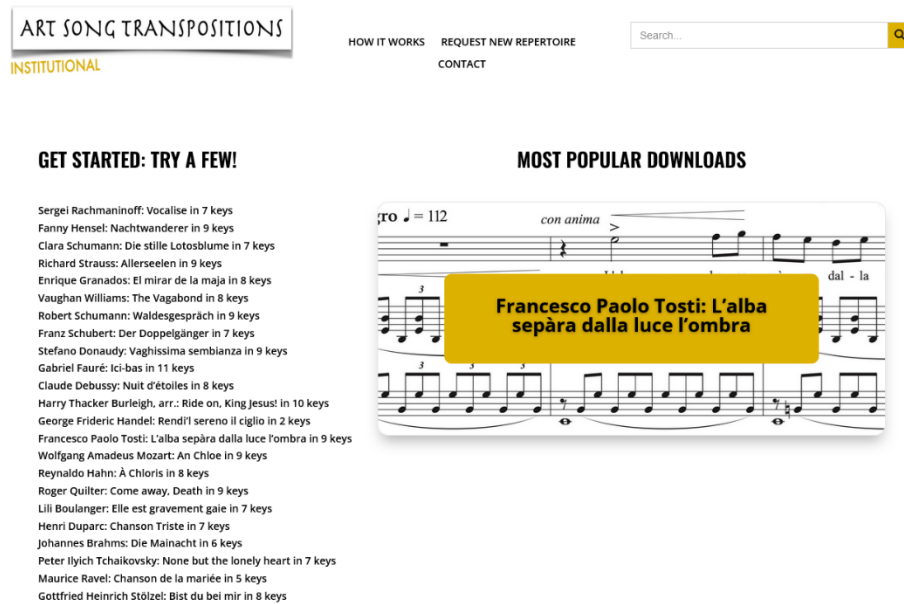
This report was conducted against the Art Song Transpositions Platform and covers a selection of pages and features that were to be tested as a representative sample of the database's conformance to the WCAG 2.1 AA standards.

The resource was reviewed using a combination of manual and automatic review tools and assistive technologies, including the WAVE Accessibility Assessment tool, Axe Accessibility Assessment tool, WCAG Color Contrast Checker, and NVDA screen reader. PDF content was tested against Section 508 requirements using Adobe Acrobat's accessibility tools and manual analysis. All problems identified by automatic tools were verified manually. This evaluation was performed using Firefox on Windows 11.

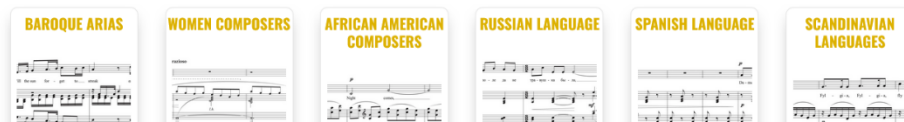
Below are the errors revealed during the accessibility evaluation of the Sociometric Platform. Each result shows a summary of accessibility issues and the reason it was flagged. Screenshots are included.

1. Initial Interface

Test Case: Test initial interface/landing page to ensure menus, sub-menus, search box, images, icons, etc. are accessible. URL: <https://astpublications.com/>



BROWSE 5 POPULAR PUBLICATIONS IN THESE CATEGORIES:



SC 1.4.1: Links must be distinguishable without relying on color.

Location(s):

1. <https://astpublications.com/henri-duparc-chanson-triste/>>Duparc

Reason flagged:

- The link has insufficient color contrast of 2.08:1 with the surrounding text. (Minimum contrast is 3:1, link text: #2ea3f2, surrounding text: #666666)
- The link has no styling (such as underline) to distinguish it from the surrounding text

SC 1.4.3: Elements must meet minimum color contrast ratio thresholds.

Location(s):

1. `<input type="search" id="is-search-input-89" name="s" value="" class="is-search-input" placeholder="Search..." autocomplete="off">`
2. `<div class="et_pb_text_inner">BAROQUE ARIAS</div>`
3. `<div class="et_pb_text_inner">WOMEN COMPOSERS</div>`

4. `<div class="et_pb_text_inner">AFRICAN AMERICAN COMPOSERS</div>`
5. `<div class="et_pb_text_inner">RUSSIAN LANGUAGE</div>`
6. `<div class="et_pb_text_inner">SPANISH LANGUAGE</div>`
7. `<div class="et_pb_text_inner">SCANDINAVIAN LANGUAGES</div>`
8. `Duparc`

Reason flagged:

- Element has insufficient color contrast of 3.59 (foreground color: #878787, background color: #ffffff, font size: 10.5pt (14px), font weight: normal). Expected contrast ratio of 4.5:1
- Element has insufficient color contrast of 2.02 (foreground color: #ddb100, background color: #ffffff, font size: 15.0pt (20px), font weight: bold). Expected contrast ratio of 3:1
- Element has insufficient color contrast of 2.74 (foreground color: #2ea3f2, background color: #ffffff, font size: 10.5pt (14px), font weight: normal). Expected contrast ratio of 4.5:1

SC 1.4.4: Zooming and scaling must not be disabled.

Location(s):

1. `<meta name="viewport" content="width=device-width, initial-scale=1.0, maximum-scale=1.0, user-scalable=0">`

Reason flagged:

- user-scalable on <meta> tag disables zooming on mobile devices

SC 2.4.1: Users must be able to bypass repeated blocks of content.

- *This issue concerns skip links and occurs at the top of the page.*

Reason flagged:

- There are no skip links at the top of the page that allow the user to bypass navigation and search to get to the main content area.

SC 2.4.4: Links must have discernible text.

Location(s):

1. ``
2. `Previous`
3. `Next`

Reason flagged:

- Element does not have text that is visible to screen readers
- aria-label attribute does not exist or is empty
- aria-labelledby attribute does not exist, references elements that do not exist or references elements that are empty
- Element has no title attribute

SC 2.4.7: Keyboard focus must be visible.

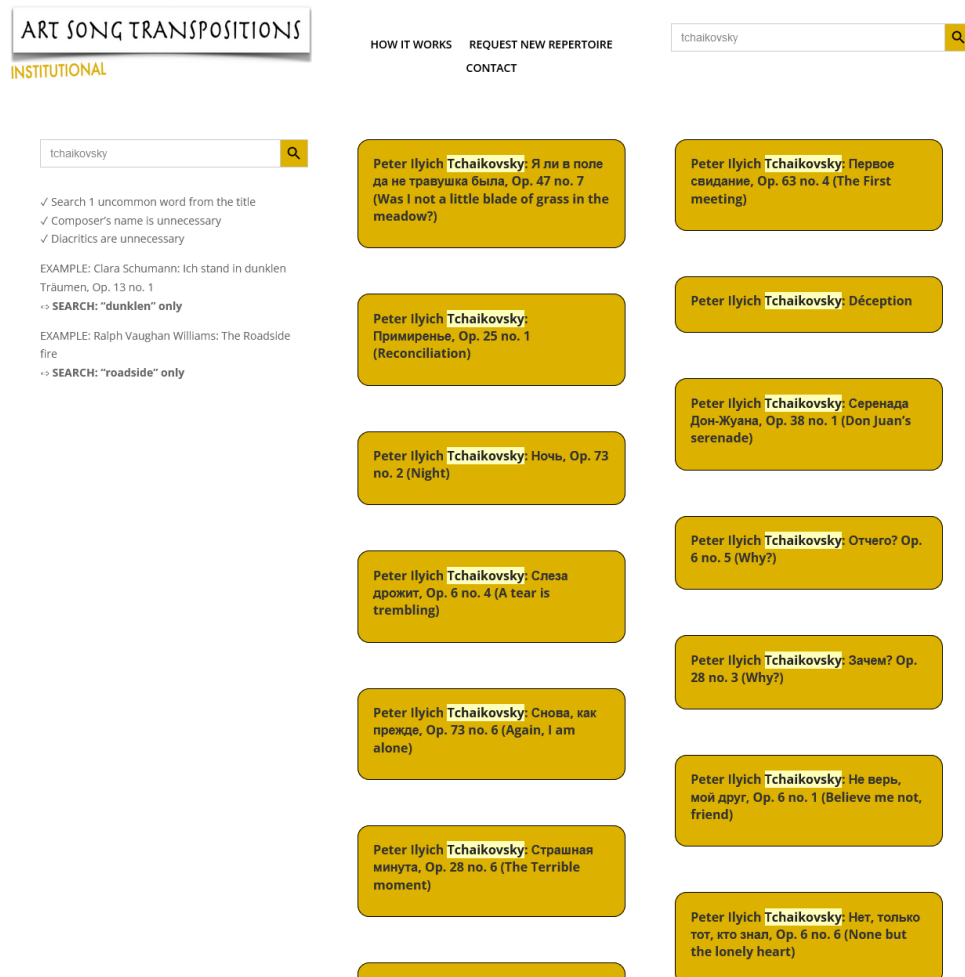
- This issue is persistent through the entire page.

Reason flagged:

- Keyboard focus is not visible on any of the interactive elements of the page.
- Scrolling behavior while moving keyboard focus is not consistent.

2. Search Results

Test Case: From the initial landing page, conduct a search for: Tchaikovsky . Test search results page.



SC 1.4.1: Links must be distinguishable without relying on color.

Location(s):

1. `Duparc`

Reason flagged:

- The link has insufficient color contrast of 2.08:1 with the surrounding text. (Minimum contrast is 3:1, link text: #2ea3f2, surrounding text: #666666)

- The link has no styling (such as underline) to distinguish it from the surrounding text

SC 1.4.3: Elements must meet minimum color contrast ratio thresholds.

Location(s):

1. `.et_pb_code_0_tb_header > .et_pb_code_inner > .is-search-form.is-form-style.is-form-style-3 > label[for="is-search-input-89"] > .is-search-input[type="search"][value="tchaikovsky"]`
2. `.et_pb_code_0_tb_body > .et_pb_code_inner > .is-search-form.is-form-style.is-form-style-3 > label[for="is-search-input-89"] > .is-search-input[type="search"][value="tchaikovsky"]`
3. `Duparc`

Reason flagged:

- Element has insufficient color contrast of 3.59 (foreground color: #878787, background color: #ffffff, font size: 10.5pt (14px), font weight: normal). Expected contrast ratio of 4.5:1
- Element has insufficient color contrast of 2.74 (foreground color: #2ea3f2, background color: #ffffff, font size: 10.5pt (14px), font weight: normal). Expected contrast ratio of 4.5:1

SC 1.4.4: Zooming and scaling must not be disabled.

Location(s):

1. `<meta name="viewport" content="width=device-width, initial-scale=1.0, maximum-scale=1.0, user-scalable=0">`

Reason flagged:

- user-scalable on <meta> tag disables zooming on mobile devices

SC 2.4.1: Users must be able to bypass repeated blocks of content.

This issue concerns skip links and occurs at the top of the page.

Reason flagged:

- There are no skip links at the top of the page that allow the user to bypass navigation and search to get to the main content area.

SC 2.4.4: Links must have discernible text.

Location(s):

1. ``

Reason flagged:

- Element does not have text that is visible to screen readers
- aria-label attribute does not exist or is empty
- aria-labelledby attribute does not exist, references elements that do not exist or references elements that are empty

- Element has no title attribute

SC 2.4.7: Keyboard focus must be visible.

This issue is persistent through the entire page.

Reason flagged:

- Keyboard focus is not visible on any of the interactive elements of the page.
- Scrolling behavior while moving keyboard focus is not consistent.

3. Individual Results

Test Case: Test individual search result (i.e. - Was I not a little blade of grass...) landing page, including links and images of sheet music.

The screenshot shows the 'ART SONG TRANPOSITIONS' website. At the top, there is a navigation bar with 'HOW IT WORKS', 'REQUEST NEW REPERTOIRE', and 'CONTACT' links, along with a search bar. Below the navigation bar, the main content area is divided into two columns. The left column contains a 'Request a new key of this title' section with a dropdown menu for 'Your institution (Required)'. The right column displays the search results for 'Peter Ilyich Tchaikovsky: Я ли в поле да не травушка была, Op. 47 no. 7 (Was I not a little blade of grass in the meadow?)'. This section includes a list of key signatures (F-SHARP MINOR, F MINOR, E MINOR, E-FLAT MINOR, D MINOR, C-SHARP MINOR, C MINOR, B MINOR, B-FLAT MINOR, A MINOR, A-FLAT MINOR, G MINOR), a musical score image, and a list of metadata: COMPOSER: Peter Ilyich Tchaikovsky (1849-1893), TITLE: Я ли в поле да не травушка была (no. 7 from 7 Romances, Op. 47, "Was I not a little blade of grass in the meadow?"), POET: Ivan Surikov (1841-1880), LANGUAGE: Russian, and INCIPIT: Я ли в поле да не травушка была.

12,643

42,967

635

SC 1.4.1: Links must be distinguishable without relying on color.

Location(s):

1. <https://astpublications.com/henri-duparc-chanson-triste/>>Duparc

Reason flagged:

- The link has insufficient color contrast of 2.08:1 with the surrounding text. (Minimum contrast is 3:1, link text: #2ea3f2, surrounding text: #666666)
- The link has no styling (such as underline) to distinguish it from the surrounding text

SC 1.4.3: Elements must meet minimum color contrast ratio thresholds.

Location(s):

1. `<input type="search" id="is-search-input-89" name="s" value="" class="is-search-input" placeholder="Search..." autocomplete="off">`
2. `<div class="et_pb_text_inner">`
3. `12,643`
4. `42,967`
5. `635`
6. `Duparc`

Reason flagged:

- Element has insufficient color contrast of 3.59 (foreground color: #878787, background color: #ffffff, font size: 10.5pt (14px), font weight: normal). Expected contrast ratio of 4.5:1
- Element has insufficient color contrast of 1.25 (foreground color: #e5e5e5, background color: #ffffff, font size: 13.5pt (18px), font weight: bold). Expected contrast ratio of 4.5:1
- Element has insufficient color contrast of 2.02 (foreground color: #ddb100, background color: #ffffff, font size: 54.0pt (72px), font weight: normal). Expected contrast ratio of 3:1
- Element has insufficient color contrast of 2.74 (foreground color: #2ea3f2, background color: #ffffff, font size: 10.5pt (14px), font weight: normal). Expected contrast ratio of 4.5:1

SC 1.4.4: Zooming and scaling must not be disabled.

Location(s):

1. `<meta name="viewport" content="width=device-width, initial-scale=1.0, maximum-scale=1.0, user-scalable=0">`

Reason flagged:

- user-scalable on <meta> tag disables zooming on mobile devices

SC 2.4.1: Users must be able to bypass repeated blocks of content.

This issue concerns skip links and occurs at the top of the page.

Reason flagged:

- There are no skip links at the top of the page that allow the user to bypass navigation and search to get to the main content area.

SC 2.4.4: Links must have discernible text.

Location(s):

1. ``
2. ``
3. ``
4. ``

Reason flagged:

- Element does not have text that is visible to screen readers
- aria-label attribute does not exist or is empty
- aria-labelledby attribute does not exist, references elements that do not exist or references elements that are empty
- Element has no title attribute

SC 2.4.7: Keyboard focus must be visible.

This issue is persistent through the entire page.

Reason flagged:

- Keyboard focus is not visible on any of the interactive elements of the page.
- Scrolling behavior while moving keyboard focus is not consistent.

PDF Document Analysis:

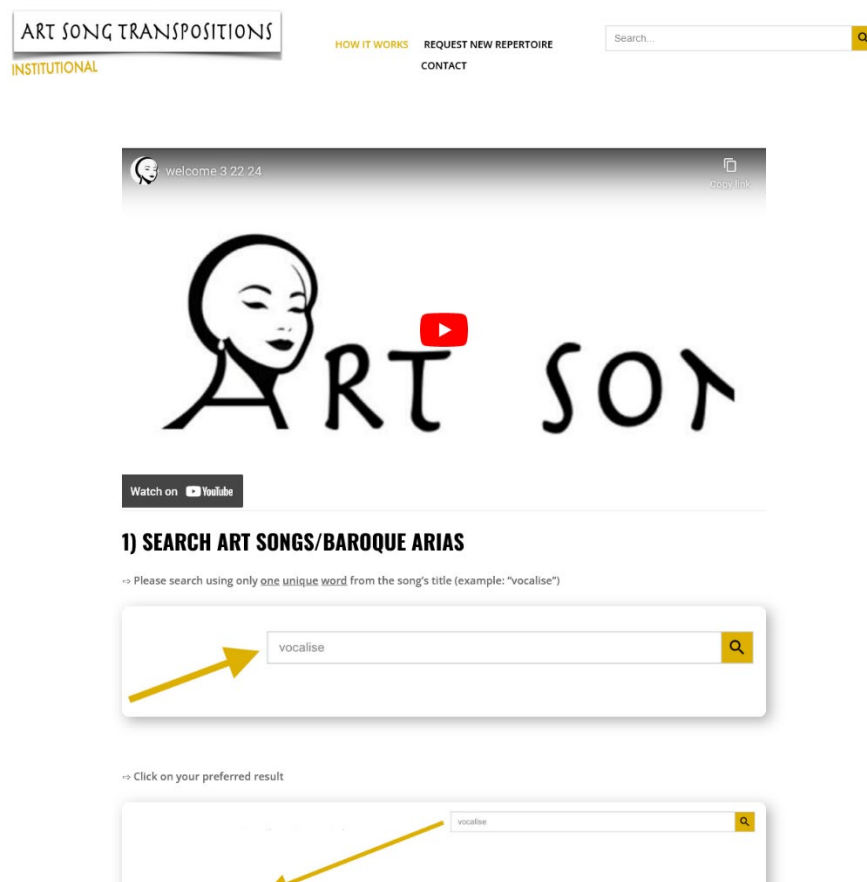
Test Case: Select a key (F sharp minor) test actual PDF document.

PDF Area Assessed	Failed Issues
Document	Tagged PDF Primary Language Title
Page Content	Tagged Content Tab Order
Forms	None
Alternate Text	Figures Alt Text Nested Alt Text Associated with Content Hides Annotation Other Elements Alt Text

Tables	Rows TH and TD Headers Regularity Summary (skipped)
Lists	List Items Lbl and Lbody
Headings	Appropriate Nesting

4. Page: How It Works

Test Case: Test “how it works page”



SC 1.4.1: Links must be distinguishable without relying on color.

Location(s):

1. <https://astpublications.com/henri-duparc-chanson-triste/>Duparc

Reason flagged:

- The link has insufficient color contrast of 2.08:1 with the surrounding text. (Minimum contrast is 3:1, link text: #2ea3f2, surrounding text: #666666)
- The link has no styling (such as underline) to distinguish it from the surrounding text

SC 1.4.3: Elements must meet minimum color contrast ratio thresholds.

Location(s):

1. `HOW IT WORKS`
2. `<input type="search" id="is-search-input-89" name="s" value="" class="is-search-input" placeholder="Search..." autocomplete="off">`
3. `12,643`
4. `42,967`
5. `635`
6. `Duparc`

Reason flagged:

- Element has insufficient color contrast of 3.59 (foreground color: #878787, background color: #ffffff, font size: 10.5pt (14px), font weight: normal). Expected contrast ratio of 4.5:1
- Element has insufficient color contrast of 1.25 (foreground color: #e5e5e5, background color: #ffffff, font size: 13.5pt (18px), font weight: bold). Expected contrast ratio of 4.5:1
- Element has insufficient color contrast of 2.02 (foreground color: #ddb100, background color: #ffffff, font size: 54.0pt (72px), font weight: normal). Expected contrast ratio of 3:1
- Element has insufficient color contrast of 2.74 (foreground color: #2ea3f2, background color: #ffffff, font size: 10.5pt (14px), font weight: normal). Expected contrast ratio of 4.5:1

SC 1.4.4: Zooming and scaling must not be disabled.

Location(s):

1. `<meta name="viewport" content="width=device-width, initial-scale=1.0, maximum-scale=1.0, user-scalable=0">`

Reason flagged:

- user-scalable on <meta> tag disables zooming on mobile devices

SC 2.4.1: Users must be able to bypass repeated blocks of content.

This issue is concerning skip links and occurs at the top of the page.

Reason flagged:

- There are no skip links at the top of the page that allow the user to bypass navigation and search to get to the main content area.

SC 2.4.4: Links must have discernible text.

Location(s):

1. ``

Reason flagged:

- Element does not have text that is visible to screen readers
- aria-label attribute does not exist or is empty
- aria-labelledby attribute does not exist, references elements that do not exist or references elements that are empty
- Element has no title attribute

SC 2.4.7: Keyboard focus must be visible.

This issue is persistent through the entire page.

Reason flagged:

- Keyboard focus is not visible on any of the interactive elements of the page.
- Scrolling behavior while moving keyboard focus is not consistent.

5. Page: Contact

Test Case: Test “contact page”

ART SONG TRANSPOSITIONS
INSTITUTIONAL

HOW IT WORKS REQUEST NEW REPERTOIRE CONTACT

Search...

CONTACT

Name *(Required)*

First Last

Institutional email *(Required)*

Enter Email Confirm Email

Message *(Required)*

0 of 600 max characters

submit

FAQ

When can I request new transpositions?

When will I receive my new transposition?

Can I request a song in G-sharp minor instead of A-flat minor?

Can you provide a proof of purchase for singing competitions?

12,643

Art songs and Baroque arias

42,967

Pages downloaded in 2023

635

New publications in 2023

SC 1.4.1: Links must be distinguishable without relying on color.

Location(s):

1. `Duparc`

Reason flagged:

- The link has insufficient color contrast of 2.08:1 with the surrounding text. (Minimum contrast is 3:1, link text: #2ea3f2, surrounding text: #666666)
- The link has no styling (such as underline) to distinguish it from the surrounding text

SC 1.4.3: Elements must meet minimum color contrast ratio thresholds.

Location(s):

1. `CONTACT`
2. `<input type="search" id="is-search-input-89" name="s" value="" class="is-search-input" placeholder="Search..." autocomplete="off">`
3. `12,643`
4. `42,967`
5. `635`
6. `Duparc`

Reason flagged:

- Element has insufficient color contrast of 3.59 (foreground color: #878787, background color: #ffffff, font size: 10.5pt (14px), font weight: normal). Expected contrast ratio of 4.5:1
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- Element has insufficient color contrast of 2.74 (foreground color: #2ea3f2, background color: #ffffff, font size: 10.5pt (14px), font weight: normal). Expected contrast ratio of 4.5:1

SC 1.4.4: Zooming and scaling must not be disabled.

Location(s):

1. `<meta name="viewport" content="width=device-width, initial-scale=1.0, maximum-scale=1.0, user-scalable=0">`

Reason flagged:

- user-scalable on <meta> tag disables zooming on mobile devices

SC 2.4.1: Users must be able to bypass repeated blocks of content.

This issue concerns skip links and occurs at the top of the page.

Reason flagged:

- There are no skip links at the top of the page that allow the user to bypass navigation and search to get to the main content area.

SC 2.4.4: Links must have discernible text.

Location(s):

1. ``

Reason flagged:

- Element does not have text that is visible to screen readers
- aria-label attribute does not exist or is empty
- aria-labelledby attribute does not exist, references elements that do not exist or references elements that are empty
- Element has no title attribute

SC 2.4.7: Keyboard focus must be visible.

This issue is persistent through the entire page.

Reason flagged:

- Keyboard focus is not visible on any of the interactive elements of the page.
- Scrolling behavior while moving keyboard focus is not consistent.

Disclaimer: This high-level evaluation was conducted for the Library Accessibility Alliance and represents a good faith effort conducted within a limited time frame. It should not be assumed to be complete or free from error. No warranties or guarantees are implied. UT is not responsible for direct, indirect, or incidental damages based on this work; its use or interpretation by any individual, group, or organization; or on conditions beyond our control.