

High-level accessibility review – Ambrose Video platform - Library Accessibility Alliance

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High-level accessibility review – Ambrose Video - Library Accessibility Alliance

Contents

High-level accessibility review – Ambrose Video - Library Accessibility Alliance	2
Ambrose Video Platform	3
Top 3 problems for the Ambrose Video Platform	3
Review of Top Accessibility issues from previous evaluation	3
Accessibility findings	3
Project wide issues	3
1. Landing Page	4
2. Search Results	5
3. Watch Video	6
4. Individual Search Result	7

Ambrose Video Platform

Summary:

Top 3 problems for the Ambrose Video Platform

This high-level assessment covers limited portions and functionality of the Ambrose Video Platform. The assessment revealed issues with assistive technology compatibility, resulting in some users missing information required to understand content, states and operate functions. It is important to keep in mind that the findings represent a high-level assessment, and do not reflect the results of a Deque Comprehensive Web Assessment. Following are top 3 issues from this evaluation.

- **Reflow:** When using a reflow viewport, important early functions and information either do not reflow or are completely unavailable.
- **Widgets:** The application makes use of tab-like widgets, however the implementation is missing key required elements.
- **Contrast:** While contrast is generally good across the site and contrast customization options were observed, the 'Default mode' contains some contrast issues.

Review of Top Accessibility issues from previous evaluation

[\[Link to previous evaluation\]](#)

From the top issues, the following observations were made:

- Keyboard access has been greatly improved
- Images are described and image galleries were not encountered in this scope
- The use of and identification of headings has been greatly improved

Accessibility findings

Project wide issues

The issues presented in this section were identified in multiple pages and are recorded here to avoid repetition. These are applicable to each screen. Due to particularities, similar issues are still reported on a page per page basis, where applicable.

Automated findings using Axe

Issues found through automated testing come from the Axe plugin, an open source accessibility testing tool that is available for Chrome, Firefox and Edge. Details here: <https://www.deque.com/products/axe/>.

No project-wide issues were found using automated testing methods.

Additional manual findings using NVDA screen reader

1. **SC 1.4.11 AA** – When it appears, the 'back to top' icon control is low in contrast. Primary icon color #F6F6F6 against a background #ACBECD results in a 1.8:1 contrast ratio.
2. **SC 2.4.6 AA** – The 'Default Mode' and 'Night Mode' button labels do not sufficiently indicate their purpose.
3. **SC 1.4.11 AA** – The focus indicator for the 'back to top' control is low in contrast.

1. Landing Page

Source: <https://www-ambrosevideo-com.proxy.lib.umich.edu/institutional-access>

Test case: Test initial interface/landing page to ensure menus, sub-menus, search box, images, icons, etc. are accessible. Select The BBC Shakespeare Plays heading to ensure drop-down works appropriately.

Contrast Font

Licensed videos for University of Michigan

WCAG 2.2 AA+
ADA Compliance

Keywords or quoted phrases [Search](#)

Search for words, separated with spaces and phrases in double quotes

The BBC Shakespeare Plays 37 Programs included in this title Produced by The BBC

All's Well that Ends Well Here Shakespeare uses one of his favorite devices—trickery. The young countess resorts to chicanery to win her husband's respect.	02:21:00	Watch Video
Antony & Cleopatra The star, Jane Lapotaire, not only looks similar to the historical Queen of Egypt, but has the range to capture her many facets	02:51:00	Watch Video
As You Like It Is there a "natural difference" between a duke's daughter and a commoner? Are men really stronger than women? Or is it just society's role? Stars Helen Mirren and Richard Pasco.	02:31:00	Watch Video
The Comedy of Errors Roger Daltrey, lead singer of the band "The Who," stars in Shakespeare's shortest play.	01:51:00	Watch Video
Coriolanus In his last tragedy, Shakespeare studies the character of a soldier. Stars Alan Howard.	02:25:00	Watch Video
Cymbeline King Cymbeline's evil second queen tries to force Princess Imogen to marry her own son. Starring Claire Bloom and Helen Mirren.	02:55:00	Watch Video
Hamlet In this richly costumed production, the greatest tragedy ever written maintains all the tension of a murder mystery. Derek Jacobi is a superb choice as Hamlet.	03:35:00	Watch Video
Henry IV, Part 1 The boisterous Falstaff leads Prince Hal, the heir to the throne, through London's lowlife taverns. Starring Jon Finch, Anthony Quayle.	02:28:00	Watch Video

Automated findings using Axe

1. **SC 4.1.2 A** – The video item(s) element (eg. 'The BBC Shakespeare Plays') uses aria-expanded, which is an attribute that is not allowed on this element without semantics.

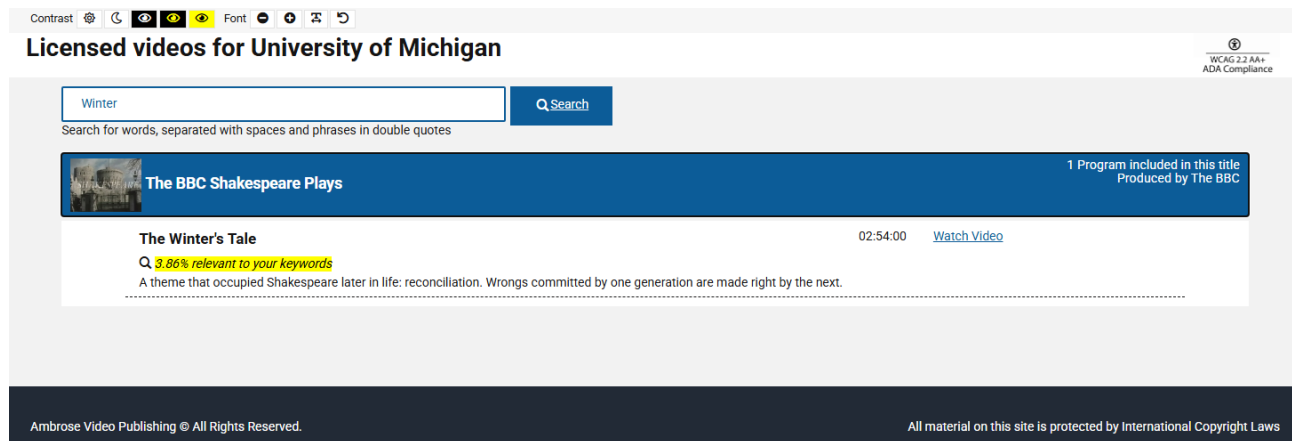
Additional manual findings using NVDA screen reader

1. **SC 4.1.2 A** – The video item(s) element (eg. 'The BBC Shakespeare Plays') behaves like a button but is missing a semantic role to identify it as such.
2. **SC 1.4.4 AA** – At a 200% zoom, the video item(s) element (eg. 'The BBC Shakespeare Plays') is unavailable.
3. **SC 1.4.10 AA** – On a reflow viewport, the video item(s) element (eg. 'The BBC Shakespeare Plays') is unavailable.
4. **SC 1.4.10 AA** – On a reflow viewport, the input field label does not reflow.
5. **SC 1.3.2 A** – Screen reader users are able to read the 37 programs in 'The BBC Shakespeare Plays' when the section is collapsed.

2. Search Results

Source: <https://www-ambrosevideo-com.proxy.lib.umich.edu/institutional-access/resources>

Test case: From the initial landing page, conduct a search for: Winter. Test search results page.



Automated findings using Axe

1. **SC 4.1.2 A** – The video item(s) element (eg. 'The BBC Shakespeare Plays') uses aria-expanded, which is an attribute that is not allowed on this element without semantics.

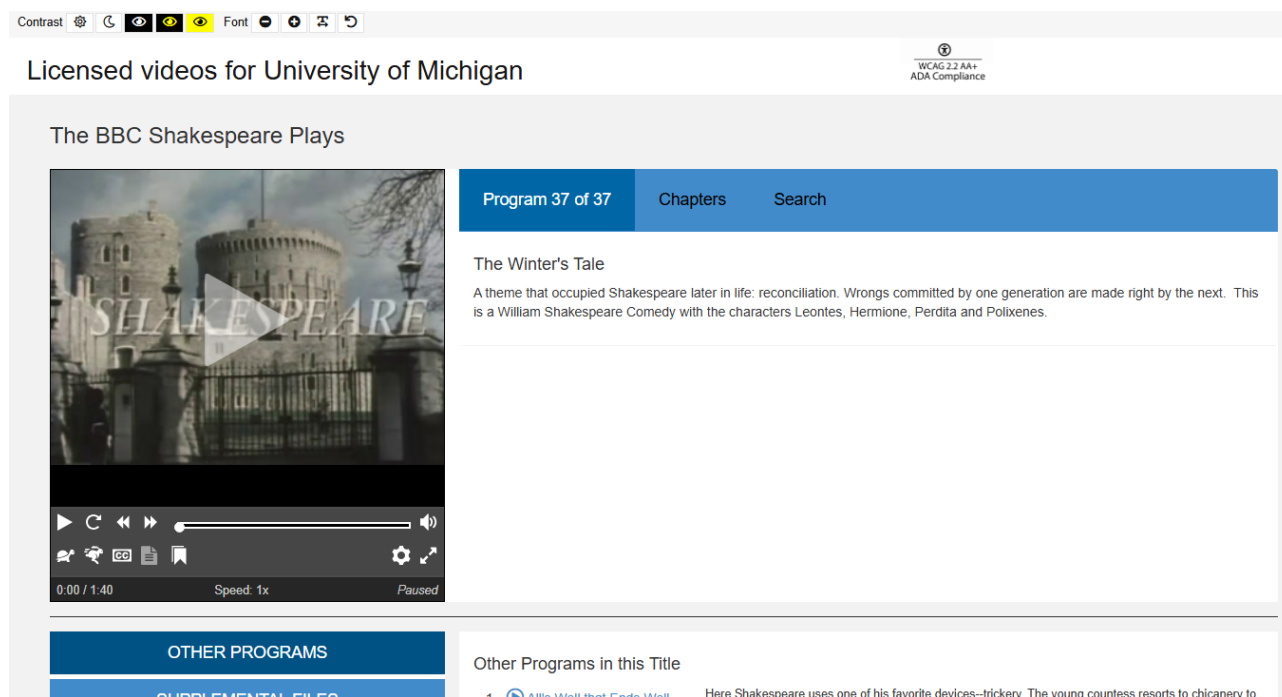
Additional manual findings using NVDA screen reader

1. **SC 4.1.2 A** – The video item(s) element (eg. 'The BBC Shakespeare Plays') behaves like a button but is missing a semantic role to identify it as such.
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4. **SC 1.4.10 AA** – On a reflow viewport, the input field label does not reflow.
5. **SC 1.3.2 A** – Screen reader users are able to read the 37 programs in 'The BBC Shakespeare Plays' when the section is collapsed.

3. Watch Video

Source: https://www-ambrosevideo-com.proxy.lib.umich.edu/index.php?option=com_tpc&view=resource&Itemid=230&id=374135

Test case: After expanding The BBC Shakespeare Plays heading, Select Watch Video.



Automated findings using Axe

1. **SC 1.4.3 AA** – All controls using #FFFFFF text against #428BCA background (eg. SUPPLEMENTAL FILES, CITE THIS PROGRAM, etc.) are low in contrast with a 3.63:1 contrast ratio.
2. **SC 1.4.3 AA** – All controls using #428BCA text against #FFFFFF background (eg. All's Well that Ends Well, Antony & Cleopatra, As You Like It, etc.) are low in contrast with a 3.63:1 contrast ratio.

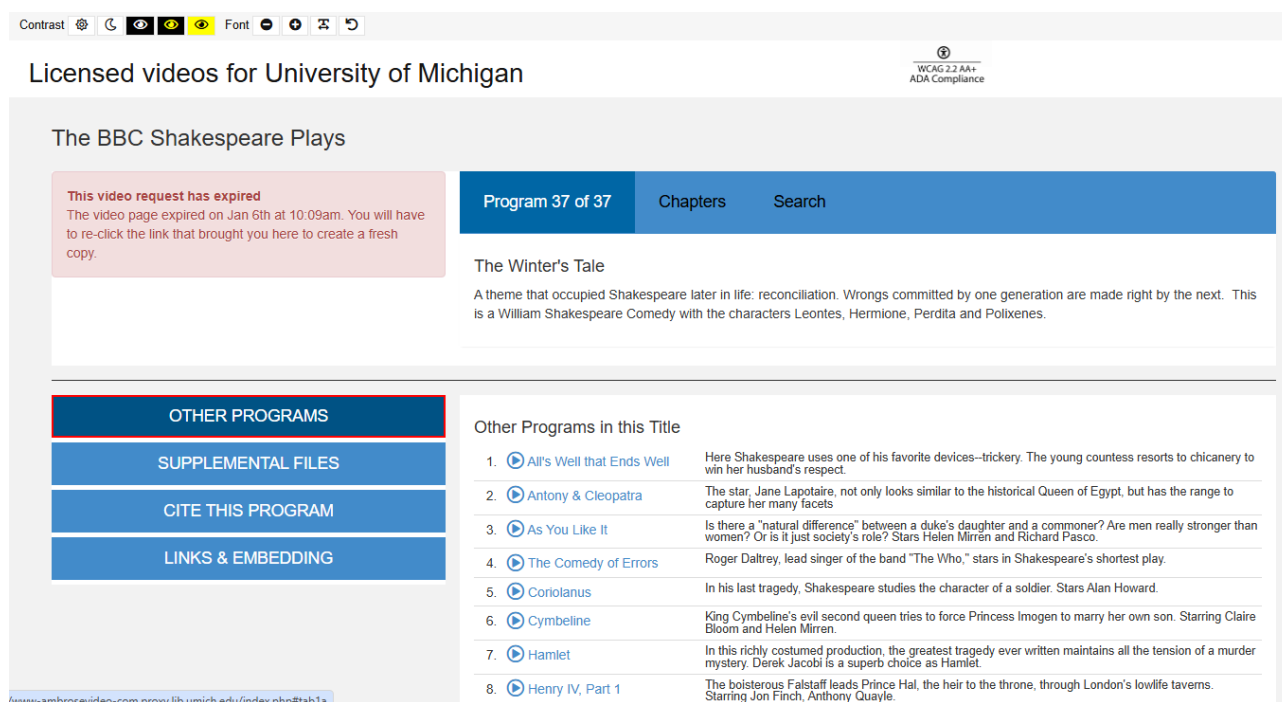
Additional manual findings using NVDA screen reader

1. **SC 4.1.2 A** – The ‘OTHER PROGRAMS’ and ‘Program 37 of 37’ controls are visually presented as being ‘current’, but this same information is not programmatically indicated.
2. **SC 1.4.1 A** – The ‘OTHER PROGRAMS’ control uses color alone to visually indicate its ‘current’ state.
3. **SC 1.4.3 AA** – The controls in ‘Other Programs in this Title’ eg. “All’s Well that Ends Well” are low in contrast when the table row is hovered over with a 3.3:1 contrast ratio.
4. **SC 1.4.11 AA** – The focus indicator for ‘Program 37 of 37’ is low in contrast with a 1.1:1 contrast ratio.
5. **SC 4.1.2 A** – The ‘Program 37 of 37’, ‘Chapters’ and ‘Search’ functions operate like a tab widget but are missing necessary roles and attributes.
6. **SC 4.1.2 A** – The The ‘OTHER PROGRAMS’, ‘SUPPLEMENTAL FILES’, ‘CITE THIS PROGRAM’, ‘LINKS & EMBEDDING’ controls operate like a tab widget but are missing necessary roles and attributes.
7. **SC 2.4.6 AA** – The ‘Hide Transcript’ label (when the transcript is shown) reads “Hide Transcript Show Transcript” in its name, which is confusing to the user.

4. Individual Search Result

Source: https://www-ambrosevideo-com.proxy.lib.umich.edu/index.php?option=com_tpc&view=resource&Itemid=230&id=370116

Test case: Test individual search result landing page (The Winter's Tale) & test actual resource (PDF, video, etc.).



Automated findings using Axe

1. **SC 1.4.3 AA** – All controls using #FFFFFF text against #428BCA background (eg. SUPPLEMENTAL FILES, CITE THIS PROGRAM, etc.) are low in contrast with a 3.63:1 contrast ratio.
2. **SC 1.4.3 AA** – All controls using #428BCA text against #FFFFFF background (eg. All's Well that Ends Well, Antony & Cleopatra, As You Like It, etc.) are low in contrast with a 3.63:1 contrast ratio.
3. **SC 4.1.2 A** – The 'OTHER PROGRAMS' and 'SUPPLEMENTAL FILES' controls use aria-selected, which is an attribute that is not allowed on this semantic role.

Additional manual findings using NVDA screen reader

1. **SC 4.1.2 A** – The ‘OTHER PROGRAMS’ and ‘Program 37 of 37’ controls are visually presented as being ‘current’, but this same information is not programmatically indicated.
2. **SC 1.4.1 A** – The ‘OTHER PROGRAMS’ control uses color alone to visually indicate its ‘current’ state.
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