

# High-level accessibility review – BTAA (Popular Culture in Britain and America Platform)

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## Popular Culture in Britain and America Platform

### Summary

#### Top 3 problems for the Popular Culture in Britain and America Platform

This assessment covers portions of the Popular Culture in Britain and America Platform. The assessment revealed moderate problems with screen reader compatibility, resulting in screen reader users missing critical information needed to understand content and operate features.

1. **Name, Role, Value** – Tab widgets consistently have errors in implementation. The WAI-ARIA design pattern for tab widgets should be reviewed and closely followed.
2. **Info and Relationships** – Several components such as lists, description lists, and ARIA roles have errors in their implementation or are misused. As a result, the semantic structure can become inaccurate and an end-user can become confused.
3. **Contrast** – Links and focus indicators consistently contain contrast issues. The good news is that issues of this type can reliably be identified using automated scanning tools.

### 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/>.

1. **SC 4.1.2 A** – The linked logo in the header is missing accessible link text.
2. **SC 1.4.3 AA** – The ‘cookie notice’ content is low in contrast. White text (#FFFFFF) against a blue background (#237AFC) results in a 3.99:1 contrast ratio.
3. **SC 1.4.3 AA** – The ‘Learn More’ link in the ‘cookie notice’ is low in contrast. Light text (#D3E4FE) against a blue background (#237AFC) results in a 3:1 contrast ratio.
4. **SC 1.4.3 AA** – The footer links and white text is low in contrast. White text (#FFFFFF) against a green background (#039BA8) results in a 3.35:1 contrast ratio.

#### Additional manual findings using NVDA screen reader

1. **SC 1.1.1 A** – The ‘Popular Culture in Britain and America, 1950 - 1975’ linked image in the header is missing a descriptive alternate description.
2. **SC 2.5.3 A** – The ‘Accept’ button in the cookie notice does not include its visible label in its programmatic name.
3. **SC 1.1.1 A** – The ‘Adam Matthew’ linked image in the footer is missing vital text in its alternate description.
4. **SC 4.1.2 A** – The top navigation items that contain submenus are missing their expanded/collapsed state and also missing a programmatic indication that a submenu is available.
5. **SC 1.4.3 AA** – The top-level navigation is low in contrast on hover and focus. A 3.4:1 contrast ratio is observed.
6. **SC 1.4.11 AA** – The yellow focus indicator is low in contrast against white and light green backgrounds. Against a white background, a 1.3:1 contrast ratio is observed. Against a light green background, a 2.6:1 contrast ratio is observed.
7. **SC 1.4.3 AA** – The ‘Keyboard Shortcuts’ and ‘Skip to main content’ text is low in contrast when the controls become visible. A 2.7:1 contrast ratio is observed.

## 1. Popular Culture in Britain and America Landing Page

**Source:** <https://proxy.lib.umich.edu/login?user=deque-contractor&pass=esb4xX38LJ4qXrkB&url=https://apps.lib.umich.edu/database/link/46333>

**Test case:** Initial interface – menus & submenus, search boxes, images, etc.

**Popular Culture in Britain and America, 1950-1975**  
 Rock and Roll, Counterculture, Peace and Protest

Search... Advanced search

Introduction ▾ Browse Documents Chronology Visual Resources ▾ Research Tools ▾ Help

**Welcome to Popular Culture in Britain and America, 1950-1975**

This website uses cookies to ensure you get the best experience. [Learn more](#) Accept

### Automated findings using Axe

1. **SC 4.1.2 A** – The ‘Nature and Scope’, ‘Visual Resources’ and ‘Explore the Documents’ links are missing accessible link text.

### Additional manual findings using NVDA screen reader

1. **SC 1.3.1 A** – The ‘Nature and Scope’, ‘Visual Resources’ and ‘Explore the Documents’ links have inappropriately been given the ARIA role ‘presentation’.
2. **SC 1.1.1 A** – Decorative images around the ‘Nature and Scope’, ‘Visual Resources’ and ‘Explore the Documents’ links are inappropriately described by AT when they should be ignored.

## 2. Popular Culture in Britain and America Search Results

**Source:** <https://www-rockandroll-amdigital-co-uk.proxy.lib.umich.edu/documents?returning=true>

**Test case:** Search for "Elvis" on initial landing page/interface. Test search results page (menus, buttons, etc.), including: "Sort by" and "View" buttons, Filter results to: Theme -> "Sex & Sexuality"

### Automated findings using Axe

1. **SC 3.3.2 A** – The 'Sort By' drop down contains multiple labels. This configuration is poorly supported by AT.
2. **SC 4.1.1 A** – The 'Documents' and 'Secondary Resources' controls are buttons nested within another interactive parent. This nesting is invalid markup and poorly supported by AT.
3. **SC 1.3.1 A** – The DL elements in the search results are not well-formed.
4. **SC 1.4.3 AA** – All green text (#039BA8) on a light grey background (#F3F3F3) is low in contrast with a 3.02:1 contrast ratio.
5. **SC 1.4.3 AA** – All green text (#039BA8) on a white background (FFFFFF) is low in contrast with a 3.35:1 contrast ratio.
6. **SC 1.4.3 AA** – All green text (#039BA8) on a light grey background (#F0F2F5) is low in contrast with a 2.99:1 contrast ratio.

### Additional manual findings using NVDA screen reader

1. **SC 1.4.11 AA** – The yellow focus indicator is low in contrast against light grey backgrounds. A 1.1:1 contrast ratio is observed.
2. **SC 1.4.3 AA** – The 'DD' and 'YYYY' placeholder text is low in contrast. A 2.3:1 contrast ratio is observed.
3. **SC 1.4.3 AA** – The 'Apply' button text is low in contrast on hover and focus. A 2.7:1 contrast ratio is observed.
4. **SC 4.1.2 A** – All buttons in the 'View' section do not indicate their pressed / selected state
5. **SC 4.1.2 A** – The filter subcategories do not programmatically indicate their expanded / collapsed state on page load.
6. **SC 2.5.3 A** – The 'Themes', 'Document Type' and 'Library / Archive' filter subcategories do not include their complete visible label in the accessible name
7. **SC 2.4.6 AA** – Multiple instances of "Bookmark this document" button without additional context
8. **SC 4.1.3 AA** – When a filter or results setting is changed, the 'loading' status message is not

automatically announced.

9. **SC 1.4.11 AA** – Unchecked filter checkboxes are low in contrast. A 1.2:1 contrast ratio is observed.
10. **SC 4.1.2 A** – Whenever a tab widget is used, there are errors in its implementation. Missing / misused roles and attributes creates a confusing user experience and some expected keyboard interactions are not available.

### 3. Popular Culture in Britain and America Image Landing Page

**Source:** <https://www-rockandroll-amdigital-co-uk.proxy.lib.umich.edu/Documents/Detail/elvis-presley/1336938?item=1336941>

**Test case:** Image landing page, viewer (move through “hits”), transcript, etc

The screenshot displays the website's interface. At the top, there is a search bar and navigation links. The main content area shows a gallery of images with a 'Browse Images' header and a 'Hits: (15)' indicator. A summary sidebar on the right provides details for the selected image, including its title, date, document type, and themes.

#### Automated findings using Axe

1. **SC 1.3.1 A** – The ‘Summary’, ‘Document Details’ and ‘Image Details’ list items are not properly nested within a list.
2. **SC 1.3.1 A** – The ‘Summary’, ‘Document Details’ and ‘Image Details’ tab items are missing a required parent role, ‘tablist’.
3. **SC 1.3.1 A** – The page contains three ‘tablist’ elements that do not contain the required ‘tab’ child roles.
4. **SC 1.4.3 AA** – All green text (#039BA8) on a white background (#FFFFFF) is low in contrast with a 3.35:1 contrast ratio.

#### Additional manual findings using NVDA screen reader

Not completed due to Insufficient time

#### 4. Popular Culture in Britain and America Fanzine Landing Page

**Source:** <https://www-rockandroll-amdigital-co-uk.proxy.lib.umich.edu/Documents/Detail/new-rockpile/1458760?item=1458761>

**Test case:** Fanzine landing page, viewer, transcript, etc

##### Automated findings using Axe

1. **SC 1.3.1 A** – The ‘Summary’, ‘Transcript’ and ‘Document Details’ list items are not properly nested within a list.
2. **SC 1.3.1 A** – The ‘Summary’, ‘Transcript’ and ‘Document Details’ tab items are missing a required parent role, ‘tablist’.
3. **SC 1.3.1 A** – The page contains three ‘tablist’ elements that do not contain the required ‘tab’ child roles.
4. **SC 1.4.3 AA** – All green text (#039BA8) on a white background (#FFFFFF) is low in contrast with a 3.35:1 contrast ratio.
5. **SC 1.4.3 AA** – All green text (#039BA8) on a light grey background (#F0F2F5) is low in contrast with a 2.99:1 contrast ratio.

##### Additional manual findings using NVDA screen reader

Not completed due to Insufficient time



## 5. Popular Culture in Britain and America Advanced Search

Source: <https://www-rockandroll-amdigital-co-uk.proxy.lib.umich.edu/advancedsearch>

Test case: Advanced Search

The screenshot shows the 'Advanced search' interface. At the top, there is a search bar with a magnifying glass icon and a close button. Below the search bar, there is a navigation menu with options: Introduction, Browse Documents, Chronology, Visual Resources, Research Tools, and Help. The main content area is titled 'Advanced search' and includes a search form with a 'Clear form' button and a 'Search' button. The search form has three input fields, each with a 'Keywords Anywhere' dropdown and a 'Search...' input. The first two fields are connected by 'AND' operators. Below the search form, there is a section for refining the search by date and specific categories, with a 'Date' field containing 'DD', 'Month', and 'YYYY' inputs, and an 'Add Range' button. On the right side, there is a 'PREVIOUS SEARCHES' sidebar with two entries: 'Basic Search: Elvis' and 'Basic Search: Elvis', each with a right-pointing arrow.

### Automated findings using Axe

1. **SC 1.3.1 A** – The three list items under 'Previous Searches' are not properly nested within a list
2. **SC 4.1.1 A** – The page contains IDs that are duplicated: plus-button
3. **SC 1.3.1 A** – The three menuitems under 'Previous Searches' are not properly nested within a valid parent such as menu, menubar, group.
4. **SC 1.3.1 A** – The 'Previous Searches' section contains an ARIA menu, but the menu is missing required children roles such as group, menuitemradio, menuitem, menuitemcheckbox.
5. **SC 1.4.3 AA** – All green text (#039BA8) on a white background (#FFFFFF) is low in contrast with a 3.35:1 contrast ratio.

### Additional manual findings using NVDA screen reader

Not completed due to Insufficient time