

NC LIVE Accessibility Audit

December 2, 2022

BiblioBoard- HomeGrown

Error Name	Empty heading
Location the error occurs	Homepage
Number of times the error occurs	Homepage-1
What it means	A heading contains no content.
Why it matters	Some users, especially keyboard and screen reader users, often navigate by heading elements. An empty heading will present no information and may introduce confusion.
How to fix it	Ensure that all headings contain informative content.
WCAG guideline related to the issue	1.3.1 Info and Relationships (Level A) 2.4.1 Bypass Blocks (Level A) 2.4.6 Headings and Labels (Level AA)

Error Name	Contrast error
Location the error occurs	Search results page
Number of times the error occurs	Search results page- 1
What it means	Very low contrast between text and background colors.
Why it matters	Adequate contrast of text is necessary for all users, especially users with low vision.
How to fix it	Increase the contrast between the foreground (text) color and the background color. Large text (larger than 18 point or 14 point bold) does not require as much contrast as smaller text.

WCAG guideline related to the issue	1.4.3 Contrast (Minimum) (Level AA)
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Error Name	Missing Form Label
Location the error occurs	Search results page
Number of times the error occurs	Search results page- 5
What it means	A form control does not have a corresponding label.
Why it matters	If a form control does not have a properly associated text label, the function or purpose of that form control may not be presented to screen reader users. Form labels also provide visible descriptions and larger clickable targets for form controls.
How to fix it	If a text label for a form control is visible, use the <label> element to associate it with its respective form control. If there is no visible label, either provide an associated label, add a descriptive title attribute to the form control, or reference the label(s) using aria-labelledby. Labels are not required for image, submit, reset, button, or hidden form controls.
WCAG guideline related to the issue	1.1.1 Non-text Content (Level A) 1.3.1 Info and Relationships (Level A) 2.4.6 Headings and Labels (Level AA) 3.3.2 Labels or Instructions (Level A)

Error Name	Empty Form Label
Location the error occurs	Search results page
Number of times the error occurs	Search results page-14
What it means	A form label is present, but does not contain any content.
Why it matters	A <label> element that is associated to a form control but does not contain text will not present any information about the form control to the user.
How to fix it	Ensure that the form label contains text that

	describes the function of the associated form control. Labels are not required for image, submit, reset, button, or hidden form controls. If a label is not necessary visually, a descriptive title attribute may be added to the form control.
WCAG guideline related to the issue	1.1.1 Non-text Content (Level A) 1.3.1 Info and Relationships (Level A) 2.4.6 Headings and Labels (Level AA) 3.3.2 Labels or Instructions (Level A)

Error Name	Multiple Form Labels
Location the error occurs	Search results page
Number of times the error occurs	Search results page-14
What it means	A form control has more than one label associated with it.
Why it matters	A form control should have at most one associated label element. If more than one label element is associated to the control, assistive technology may not read the appropriate label.
How to fix it	Ensure that at most one label element is associated to the form control. If multiple form labels are necessary, use aria-labelledby.
WCAG guideline related to the issue	1.1.1 Non-text Content (Level A) 1.3.1 Info and Relationships (Level A) 2.4.6 Headings and Labels (Level AA) 3.3.2 Labels or Instructions (Level A)

Error Name	Empty Button
Location the error occurs	Search results page
Number of times the error occurs	Search results page-3
What it means	A button is empty or has no value text.
Why it matters	When navigating to a button, descriptive text must be presented to screen reader users to indicate the function of the button.
How to fix it	Place text content within the <button> element or

	give the <input> element a value attribute.
WCAG guideline related to the issue	1.1.1 Non-text Content (Level A) 2.4.4 Link Purpose (In Context) (Level A)

Error Name (Manual checks using keyboard)	User focus accidentally trapped in region
Location the error occurs	• Homepage • Search results page
Why it matters	When user focus is not accidentally trapped in a region, users with screen readers or who use keyboards to move through content are able to successfully navigate your web page and all of its content.
How the test was performed	• As you tab through the page, do you get stuck or trapped in an interactive element such as a navigation menu, text or form field, audio or video playback controls, image gallery, etc.? • Along with TAB and SHIFT+TAB, can you use the arrow keys to exit the element? • Can you use ESCAPE to exit the element? • If you cannot exit the element using a keyboard control, you are trapped.
More information	• https://web.dev/keyboard-access/ • https://webaim.org/techniques/keyboard/ • https://devyarns.com/manual-accessibility-testing/#keyboard-testing-for-accessibility