NC LIVE Accessibility Audit

March 7, 2024

CQ Researcher

Missing Form Label

Location the error occurs	- Homepage - Search Results Page - Record- Level Page
Number of times the error occurs	- Homepage- 2 - Search Results Page - 2 - Record-Level Page - 2
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)

Very Low Contrast

Location the error occurs	Homepage
Number of times the error occurs	Homepage- 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)

Broken ARIA Reference

Location the error occurs	- Homepage - Record-level page
Number of times the error occurs	- Homepage - 4 - Reference-Level Page- 2
What it means	An aria-labeled by or aria-described by reference exists, but the target for the reference does not exist.
Why it matters	ARIA labels and descriptions will not be presented if the element referenced does not exist in the page.
How to fix it	Ensure the element referenced in the aria-labelledby or aria-describedby attribute value is present within the page and presents a proper label or description.
WCAG guideline related to the issue	1.3.1 Info and Relationships (Level A) 4.1.2 Name, Role, Value (Level A)

Empty Button

Location the error occurs	- Homepage - Search Results Page
Number of times the error occurs	- Homepage - 27 - Search Results Page - 1
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)

Multiple Form Labels

Location the error occurs	• Homepage • Search Results Page
Number of times the error occurs	• Homepage - 4 • Search Results Page - 2
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)

User Focus is not accidentally trapped in a region (manual checks)

Location the error occurs	• Homepage- users are trapped in the search terms box • Search results page - bottom of the page last record has a tab loop
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