

# ACCESSIBILITY AUDIT REPORT

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## SUMMARY

This report explains the results from two different web accessibility auditing tools that have been run on the front end of a fictional clothing website created as a project for the Moms Can: Code School. All people have the right to access public information and attention to web accessibility guidelines are the responsibility of all who create, establish, and maintain this online public information. Therefore, this report is a practice in developing a greater understanding of web accessibility through the Web Content Accessibility Guidelines (WCAG).

## ACCESSIBILITY TESTING TOOLS

There are a number of tools available to test the accessibility of websites. For the purpose of this report, two different tools have been utilized:

- aXe (Chrome browser extension)
- WAVE (wave.webaim.org)

## ACCESSIBILITY AUDIT SUMMARY

WCAG Checkpoint	Standard	Guideline	Status
1.1.1	Level A	Provide text alternatives for non-text content	FAIL
1.2.1	Level A	Provide an alternative to video-only and audio-only content	pass
1.2.2	Level A	Provide captions for pre-recorded audio	pass
1.2.3	Level A	Provide alternatives for pre-recorded synchronized audio/video	pass
1.2.4	Level AA	Provide captions for live audio	pass
1.2.5	Level AA	Provide an audio description of pre-recorded video	pass
1.3.1	Level A	Information, structure, and relationships can be programmatically determined	FAIL
1.3.2	Level A	The correct reading sequence can be programmatically determined	pass
1.3.3	Level A	Do not rely solely on sensory characteristics of components such as size, shape, sound, etc.	pass
1.3.4	Level AA	Do not restrict a page's view to a single display orientation	pass

1.3.5	Level AA	For text input elements, the autocomplete attribute should be in place	pass
1.4.1	Level A	Color is not used as the only visual means of conveying info	pass
1.4.2	Level A	Audio can be paused and stopped	pass
1.4.3	Level AA	Text has enough contrast with the background (4:5:1 for small text and 3:1 for large text)	FAIL
1.4.4	Level AA	Text can be enlarged up to 200%	pass
1.4.5	Level AA	Text is used rather than images of text	pass
1.4.10	Level AA	When content is zoomed in, site will adapt so that scrolling only occurs in one direction	pass
1.4.11	Level AA	Visual objects must have contrast of 3:1 against adjacent colors	pass
1.4.12	Level AA	Text-based CSS settings can be changed to certain min values without loss of content or functionality	pass
1.4.13	Level AA	Content that appears on mouse hover or keyboard focus must be dismissable, hoverable, and persistent	pass
2.1.1	Level A	All functionality is available from a keyboard	pass
2.1.2	Level A	User can use the keyboard to move through page elements and is not trapped on an element	pass
2.1.4	Level A	If single character key shortcuts are used, they can be turned off	pass
2.2.1	Level A	Users are warned of time limits shorter than 20 hours	pass
2.2.2	Level A	Users can stop, pause or hide moving, blinking, scrolling, or auto-updating info	pass
2.3.1	Level A	No more than 3 flashes in a 1-second period	pass
2.4.1	Level A	Users can bypass blocks of content repeated on multiple web pages	pass
2.4.2	Level A	The page has a title describing its topic or purpose	pass
2.4.3	Level A	Users can tab through the elements in a logical order	pass
2.4.4	Level A	The purpose of each link can be determined from the link text or context	FAIL
2.4.5	Level AA	More than one ways is available to navigate to other pages	pass
2.4.6	Level AA	The headings and labels are clear and consistent	pass
2.4.7	Level AA	The page element with the current keyboard focus has a visible focus indicator	pass
3.1.1	Level A	Specify the language of the webpage	pass
3.2.1	Level A	When a UI component receives focus, it does not trigger unexpected actions	pass
3.2.3	Level AA	Navigation menus are in the same location and same order on every page	pass
3.3.2	Level A	Items requiring user input are clearly labeled or have clear instructions	FAIL
4.1.2	Level A	For all UI components, the name, value and role can be programmatically determined	FAIL

## KNOWN ISSUES

1. The submit button for email subscription needs greater contrast with the text.
2. Four images are in need of alt text.
3. Text input boxes are missing labels.
4. Due to the fact that this is an MVP, most of the links do not actually go anywhere besides back to this page. The same holds true for the search button. Therefore, the report currently shows that it is inaccessible. The addition of actual text for the links would solve this problem.
5. Some of the alt text on images could be more descriptive.