

## Accessibility Testing tool: Axe

Using the axe development tool extension I downloaded, I ran a full page scan of my email campaign website. Taking into consideration best practices, the extension found 9 problems with my website with 6 issues regarding best practices and 3 critical issues regarding accessibility.

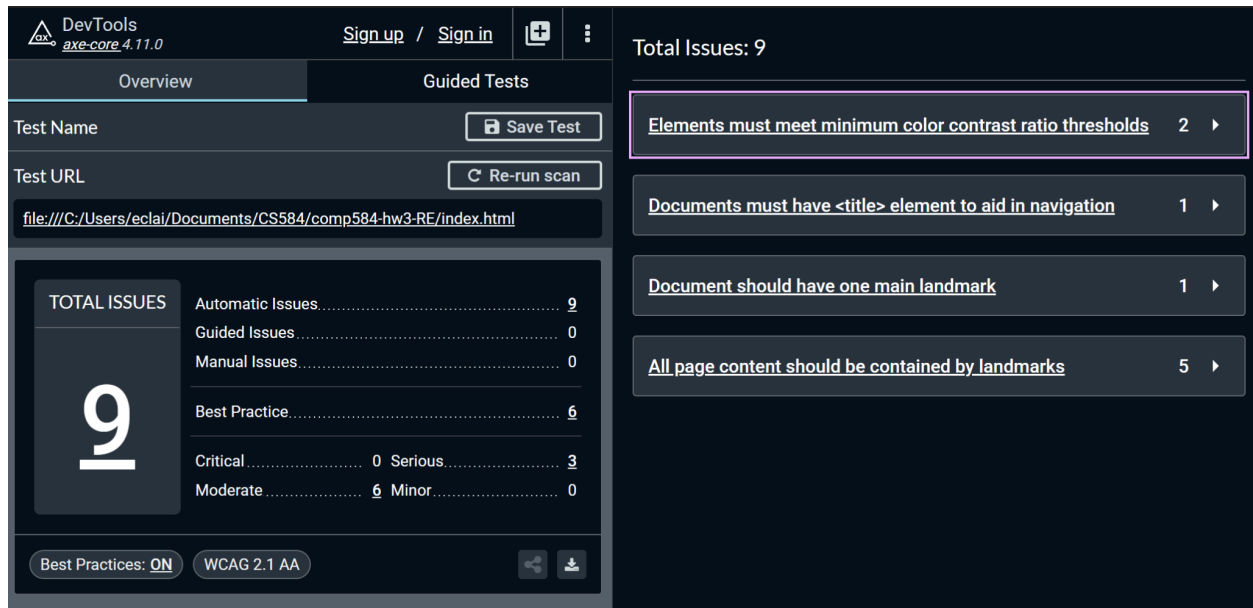


Fig 1. Axe dev tools full page scan results

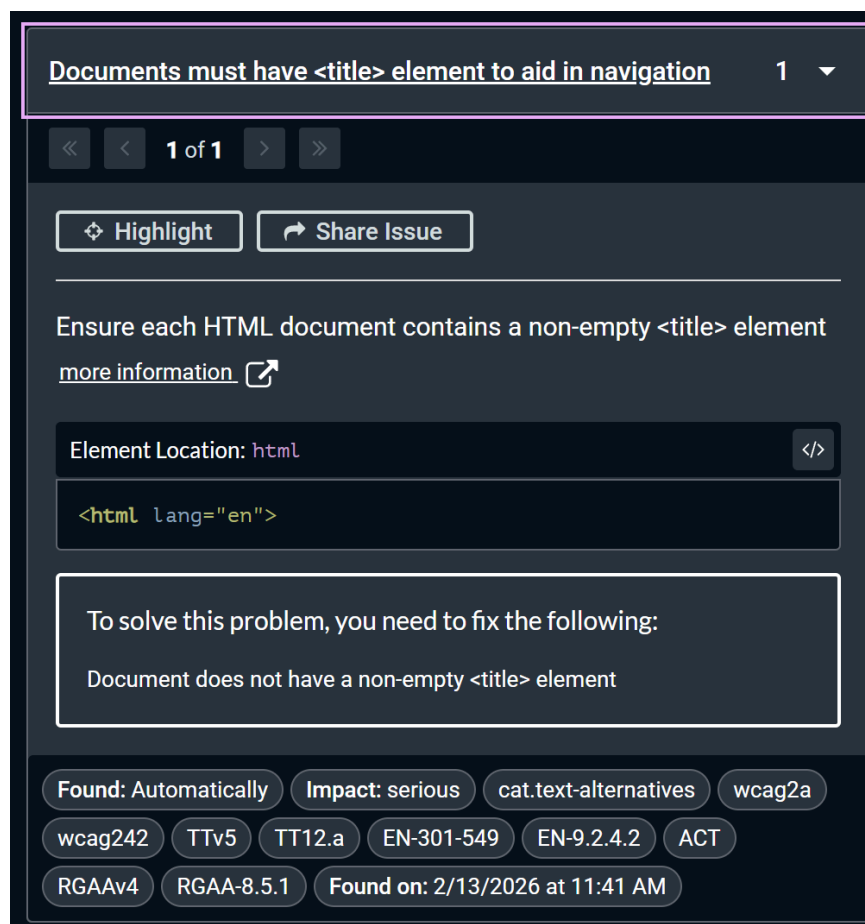
The first critical issue addressed the colors and text size used in my footer, as they did not meet the minimum requirements of a 4:5:1 contrast ratio for small text. The contrast ratio compares how bright a text color is versus the background color with 1:1 meaning identical colors (white on white) and 21:1 being the highest contrast (black on white). I barely made the requirements with a contrast of 3.98. However, this problem can be easily fixed by changing the font color back to black (right now, my footer font color is gray).

On the Axe development tools website, this is marked as a critical issue because this issue affects people who are colorblind or have low vision.



*Fig 2. Critical issue 1: poor color contrast*

My second critical issue was the lack of a `<title>` element for navigation; in my case, it was missing near the `<html>` tag at the top of the page. Title elements are read aloud by screen readers and provide users with a summary of what the page is about— without them, users who rely on screen readers have to read through the entire webpage to understand what it is about. This is marked as a critical issue because it affects those who heavily rely on screen readers such as those who are blind, deafblind, or have mobility issues.



*Fig 3. Critical issue 2: lack of <title> element*

The last 6 problems were moderate issues but nonetheless affected the accessibility of my website: I was missing landmarks around a few of my page components (i.e. my logo image, heading, and hero image). Landmarks in HTML include header, nav, main, and footer elements and they also have ARIA counterparts in the form of the “role” attribute (ex. role=“banner”, role=“main”, etc.). It is advisable to use both, as this makes your website more accessible regardless of the screen reader technology used.

Document should have one main landmark1

<<<1 of 1>>>

Highlight

Share Issue

Ensure the document has a main landmark

more information

Element Location: html

</>

<html lang="en">

To solve this problem, you need to fix the following:

Document does not have a main landmark

Found: Automatically

Impact: moderate

cat.semantics

best-practice

Found on: 2/13/2026 at 11:41 AM

Fig 4. Moderate issue 1: missing main landmark

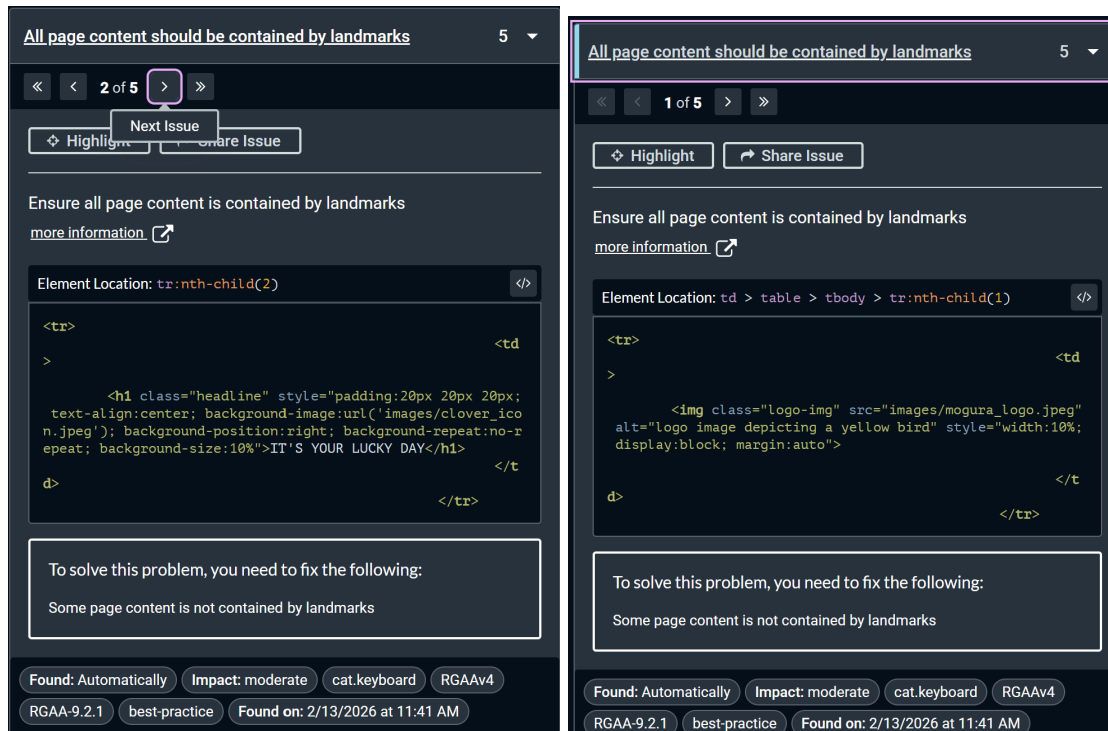


Fig 5. Moderate issue 2 & 3: missing landmarks around logo and heading

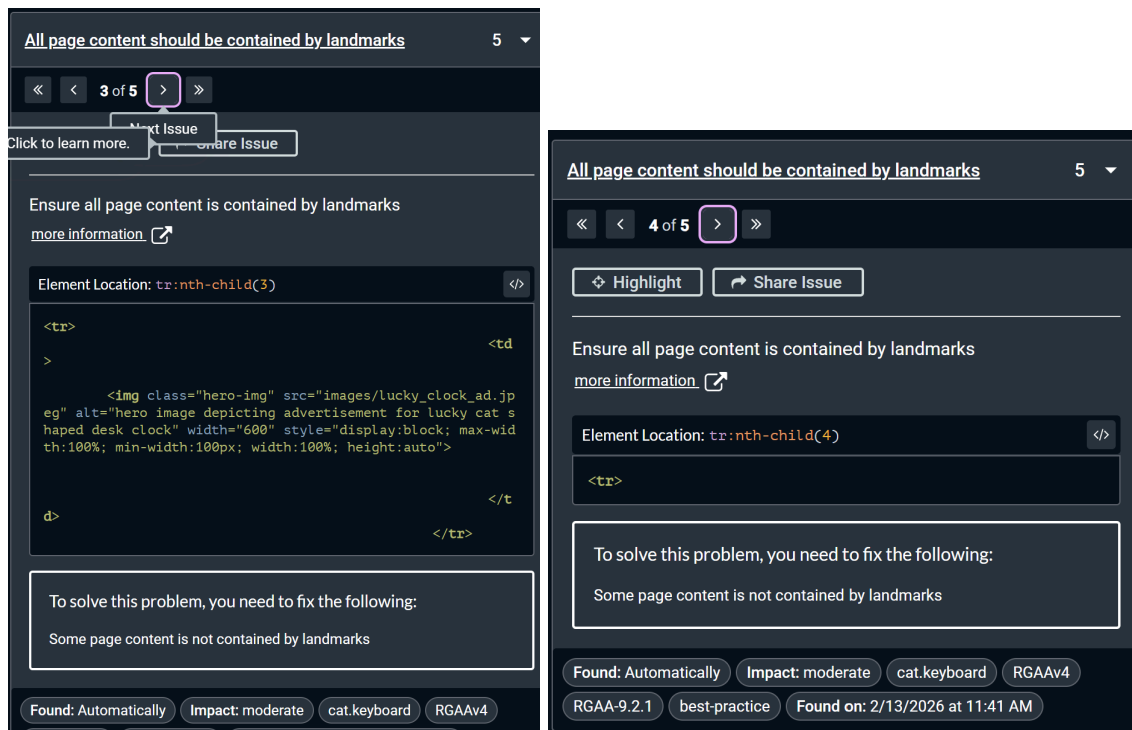



Fig 6. Moderate issue 4 & 5: missing landmarks around hero image

All page content should be contained by landmarks5 ▾

⏪ < **5 of 5** > ⏩

📌 Highlight

↗ Share Issue

Ensure all page content is contained by landmarks  
[more information](#) 

Element Location: `tr:nth-child(5)` </>

```
<tr>
```

To solve this problem, you need to fix the following:

Some page content is not contained by landmarks

Found: Automatically

Impact: moderate

cat.keyboard

RGAAv4

RGAA-9.2.1

best-practice

Found on: 2/13/2026 at 11:41 AM

*Fig 7. Moderate issue 6: missing landmarks*