

I used Google Chrome's Lighthouse in the Chrome DevTools to audit the accessibility of my website.

Pros of lighthouse:

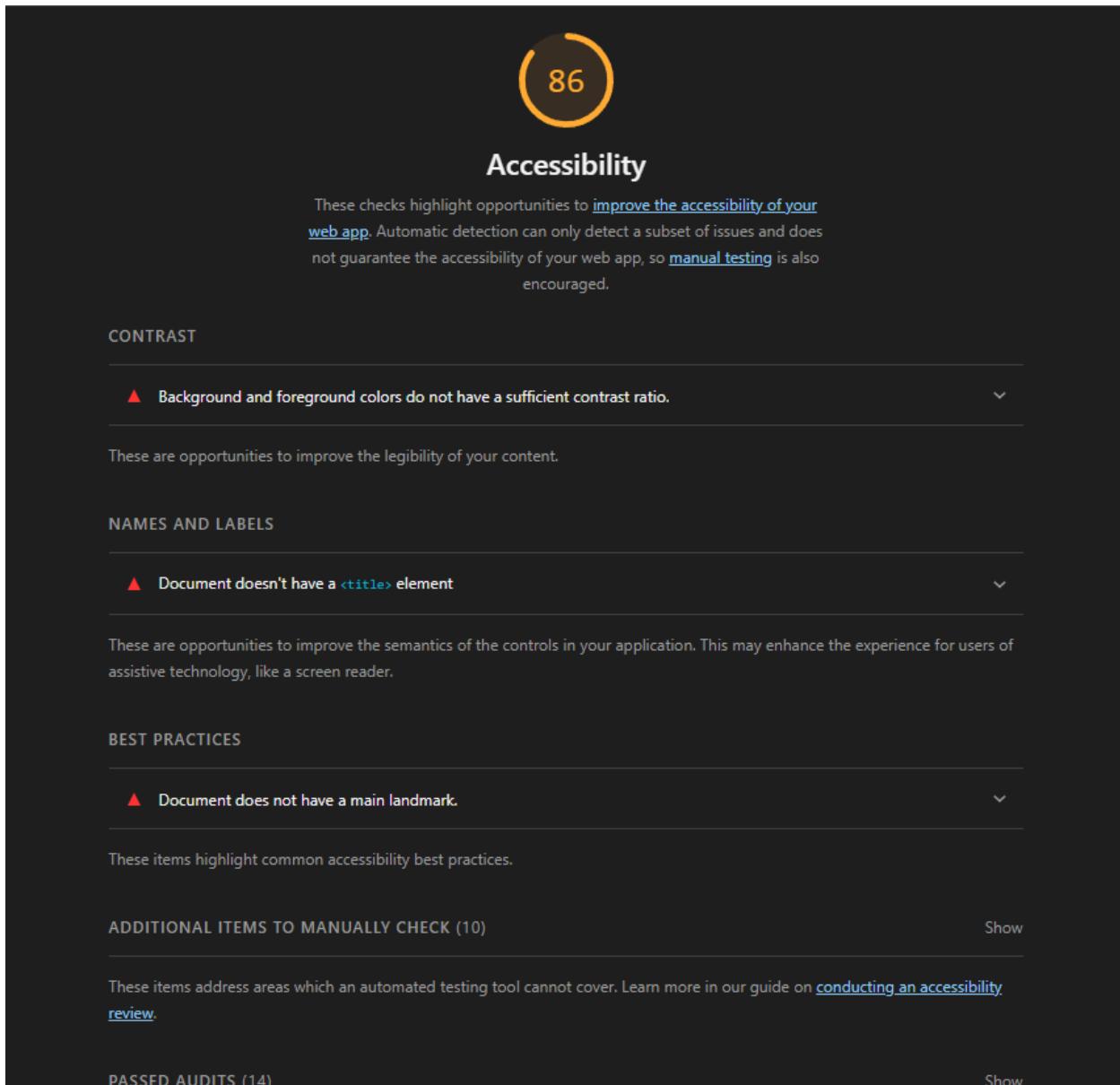
- Very thorough audit.
- Had a “not applicable” section for audits that did not pertain to my website.
- Pointed out things I had failed to consider.

Cons of lighthouse:

The only con that really comes to mind is that one of the audits didn't really apply in our case. It flagged me for not having a main landmark but in our assignment, the entire page would be un main, so it seems a bit redundant.

Below is a screenshot of my first audit result and another screenshot of the result after making the recommended changes:

Before changes:



The screenshot shows an accessibility audit report with a dark background. At the top center is a circular progress bar with the number '86' in the center. Below it is the word 'Accessibility' in a bold, sans-serif font. A descriptive text follows, stating: 'These checks highlight opportunities to [improve the accessibility of your web app](#). Automatic detection can only detect a subset of issues and does not guarantee the accessibility of your web app, so [manual testing](#) is also encouraged.' Below this, there are three main sections: 'CONTRAST', 'NAMES AND LABELS', and 'BEST PRACTICES', each with a list of issues and a 'Show' link at the end. At the bottom, there is a section for 'ADDITIONAL ITEMS TO MANUALLY CHECK (10)' and 'PASSED AUDITS (14)', also with 'Show' links.

Accessibility

These checks highlight opportunities to [improve the accessibility of your web app](#). Automatic detection can only detect a subset of issues and does not guarantee the accessibility of your web app, so [manual testing](#) is also encouraged.

CONTRAST

▲ Background and foreground colors do not have a sufficient contrast ratio.

These are opportunities to improve the legibility of your content.

NAMES AND LABELS

▲ Document doesn't have a `<title>` element

These are opportunities to improve the semantics of the controls in your application. This may enhance the experience for users of assistive technology, like a screen reader.

BEST PRACTICES

▲ Document does not have a main landmark.

These items highlight common accessibility best practices.

ADDITIONAL ITEMS TO MANUALLY CHECK (10) Show

These items address areas which an automated testing tool cannot cover. Learn more in our guide on [conducting an accessibility review](#).

PASSED AUDITS (14) Show

After changes:

The screenshot shows the Lighthouse Accessibility audit results for a local file at <http://127.0.0.1:5500/index.html#>. The overall score is 98, displayed in a large green circle. The report title is "Accessibility". A note below the title states: "These checks highlight opportunities to [improve the accessibility of your web app](#). Automatic detection can only detect a subset of issues and does not guarantee the accessibility of your web app, so [manual testing](#) is also encouraged." The "BEST PRACTICES" section contains one item: "▲ Document does not have a main landmark." The "ADDITIONAL ITEMS TO MANUALLY CHECK (10)" section contains items related to automated testing coverage. The "PASSED AUDITS (16)" and "NOT APPLICABLE (43)" sections are listed with "Show" links. At the bottom, audit details are provided: "Captured at Feb 13, 2026, 6:05 PM PST", "Emulated Desktop with Lighthouse 13.0.1", "Single page session", "Initial page load", "Custom throttling", and "Using Chromium 145.0.0.0 with devtools". The footer indicates the report was generated by Lighthouse 13.0.1.

http://127.0.0.1:5500/index.html#

98

Accessibility

These checks highlight opportunities to [improve the accessibility of your web app](#). Automatic detection can only detect a subset of issues and does not guarantee the accessibility of your web app, so [manual testing](#) is also encouraged.

BEST PRACTICES

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These items highlight common accessibility best practices.

ADDITIONAL ITEMS TO MANUALLY CHECK (10)

Show

These items address areas which an automated testing tool cannot cover. Learn more in our guide on [conducting an accessibility review](#).

PASSED AUDITS (16)

Show

NOT APPLICABLE (43)

Show

Generated by **Lighthouse** 13.0.1 | [File an issue](#)

Captured at Feb 13, 2026, 6:05 PM PST
Emulated Desktop with Lighthouse 13.0.1
Single page session
Initial page load
Custom throttling
Using Chromium 145.0.0.0 with devtools