



Performance



Accessibility



Best Practices



SEO

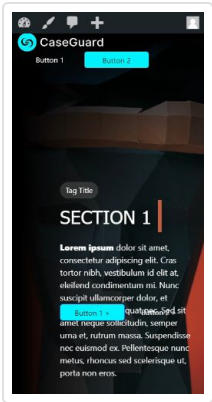


PWA



# Performance

Values are estimated and may vary. The [performance score is calculated](#) directly from these metrics. [See calculator.](#)



▲ 0–49

50–89

90–100

## METRICS

Expand view

▲ First Contentful Paint  
**5.2 s**

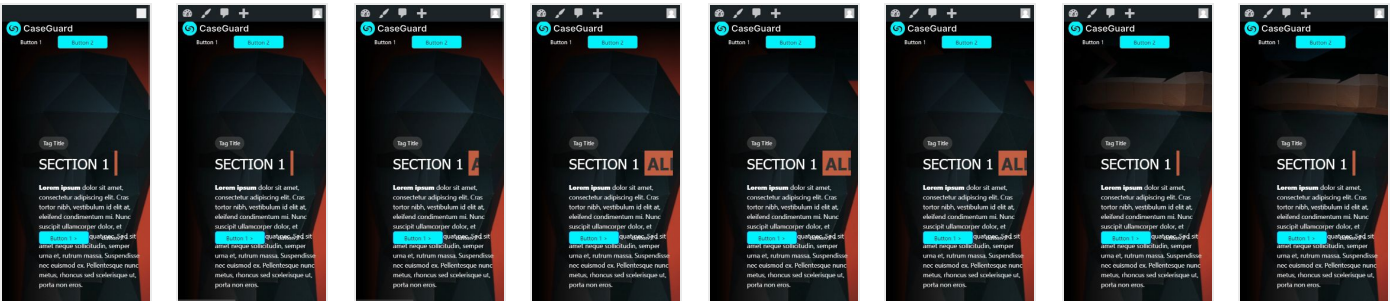
▲ Largest Contentful Paint  
**6.0 s**

Total Blocking Time  
**0 ms**

Cumulative Layout Shift  
**0**

▲ Speed Index  
**6.1 s**

 [View Treemap](#)



Show audits relevant to: All [FCP](#) [LCP](#) [TBT](#) [CLS](#)

DIAGNOSTICS

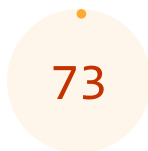
▲	Eliminate render-blocking resources — Potential savings of 3,920 ms	▼
▲	Enable text compression — Potential savings of 490 KiB	▼
▲	Largest Contentful Paint element — 6,020 ms	▼
▲	Reduce unused CSS — Potential savings of 397 KiB	▼
▲	Reduce unused JavaScript — Potential savings of 98 KiB	▼
▲	Page prevented back/forward cache restoration — 2 failure reasons	▼
	Image elements do not have explicit width and height	▼
	Minify CSS — Potential savings of 2 KiB	▼
	Minify JavaScript — Potential savings of 8 KiB	▼
	Serve images in next-gen formats — Potential savings of 312 KiB	▼
	Serve static assets with an efficient cache policy — 20 resources found	▼
	Does not use passive listeners to improve scrolling performance	▼
	Properly size images — Potential savings of 1,130 KiB	▼
○	Initial server response time was short — Root document took 200 ms	▼
○	Avoid non-composited animations — 1 animated element found	▼
○	Avoids enormous network payloads — Total size was 2,106 KiB	▼

- Avoids an excessive DOM size — 312 elements
- Avoid chaining critical requests — 14 chains found
- JavaScript execution time — 0.2 s
- Minimizes main-thread work — 1.2 s
- Minimize third-party usage — Third-party code blocked the main thread for 0 ms
- Avoid long main-thread tasks — 1 long task found

More information about the performance of your application. These numbers don't [directly affect](#) the Performance score.

PASSED AUDITS (17)

Show



## 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.

### ARIA

- ▲ Elements with an ARIA `[role]` that require children to contain a specific `[role]` are missing some or all of those required children.
- ▲ `[role]`s are not contained by their required parent element
- ▲ Values assigned to `role=""` are not valid ARIA roles.

These are opportunities to improve the usage of ARIA in your application which may enhance the experience for users of assistive technology, like a screen reader.

### CONTRAST

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

▼

These are opportunities to improve the legibility of your content.

TABLES AND LISTS

 List items (`<li>`) are not contained within `<ul>`, `<ol>` or `<menu>` parent elements.

▼

These are opportunities to improve the experience of reading tabular or list data using assistive technology, like a screen reader.

NAMES AND LABELS

 Select elements do not have associated label elements.


▼

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.

NAVIGATION

 Some elements have a `[tabindex]` value greater than 0

▼

 Heading elements are not in a sequentially-descending order

▼

These are opportunities to improve keyboard navigation in your application.

AUDIO AND VIDEO

 `<video>` elements contain a `<track>` element with `[kind="captions"]`

▼

These are opportunities to provide alternative content for audio and video. This may improve the experience for users with hearing or vision impairments.

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 (18)

Show

NOT APPLICABLE (31)

Show



# Best Practices

## TRUST AND SAFETY

- ▲

Does not use HTTPS — 1 insecure request found

▼
- Ensure CSP is effective against XSS attacks

▼

## USER EXPERIENCE

- ▲

Displays images with incorrect aspect ratio

▼

## GENERAL

- Detected JavaScript libraries

▼

PASSED AUDITS (12)

Show

NOT APPLICABLE (1)

Show



# SEO

These checks ensure that your page is following basic search engine optimization advice. There are many additional factors Lighthouse does not score here that may affect your search ranking, including performance on [Core Web Vitals](#). [Learn more about Google Search Essentials](#).

## CONTENT BEST PRACTICES

▲ Document does not have a meta description



Format your HTML in a way that enables crawlers to better understand your app's content.

## MOBILE FRIENDLY

Tap targets are not sized appropriately — 70% appropriately sized tap targets



Make sure your pages are mobile friendly so users don't have to pinch or zoom in order to read the content pages. [Learn how to make pages mobile-friendly.](#)

## ADDITIONAL ITEMS TO MANUALLY CHECK (1)

Show

Run these additional validators on your site to check additional SEO best practices.

## PASSED AUDITS (10)

Show

## NOT APPLICABLE (2)

Show

As per [Chrome's updated Installability Criteria](#), Lighthouse will be deprecating the PWA category in a future release. Please refer to the [updated PWA documentation](#) for future PWA testing.



## PWA

These checks validate the aspects of a Progressive Web App. [Learn what makes a good Progressive Web App.](#)

## INSTALLABLE

▲ Web app manifest or service worker do not meet the installability requirements — 1 reason



## PWA OPTIMIZED

Is not configured for a custom splash screen	
▲	Failures: Manifest does not have a PNG icon of at least 512px, Manifest does not have `background_color`, Manifest does not have `theme_color`, Manifest does not have `name`. <span>▼</span>
Does not set a theme color for the address bar.	
▲	Failures: Manifest does not have `theme_color`, No ` <meta &gt;`="" <span="" found.="" name="theme-color" tag=""/> ▼
Content is not sized correctly for the viewport The viewport size of 1047px does not match the window size of 412px.	
▲	<span>▼</span>
Has a <code>&lt;meta name="viewport"&gt;</code> tag with <code>width</code> or <code>initial-scale</code>	
<span>▼</span>	
Manifest doesn't have a maskable icon	
<span>▼</span>	

ADDITIONAL ITEMS TO MANUALLY CHECK (3)

Show

These checks are required by the baseline [PWA Checklist](#) but are not automatically checked by Lighthouse. They do not affect your score but it's important that you verify them manually.

Captured at May 10, 2024,  
10:52 AM EDT

Initial page load

Emulated Moto G Power with  
Lighthouse 11.6.0

Slow 4G throttling

Single page session

Using Chromium 124.0.0.0 with  
devtools