



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

0.2 s

Time to Interactive

4.0 s

▲ Speed Index

3.1 s

▲ Total Blocking Time

950 ms

▲ Largest Contentful Paint

6.2 s

Cumulative Layout Shift

0.138

 View Treemap

View Original Trace



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

OPPORTUNITIES

Opportunity	Estimated Savings
▲ Properly size images	2.28 s ▼

▲ Serve images in next-gen formats	0.92 s	▼
Preload Largest Contentful Paint image	0.21 s	▼

These suggestions can help your page load faster. They don't [directly affect](#) the Performance score.

DIAGNOSTICS

▲ Serve static assets with an efficient cache policy — 3 resources found	▼
▲ Image elements do not have explicit width and height	▼
▲ Avoid enormous network payloads — Total size was 6,676 KiB	▼
Reduce JavaScript execution time — 1.8 s	▼
Minimize main-thread work — 2.4 s	▼
○ Keep request counts low and transfer sizes small — 4 requests • 6,671 KiB	▼
○ Largest Contentful Paint element — 1 element found	▼
○ Avoid large layout shifts — 1 element found	▼
○ Avoid long main-thread tasks — 4 long tasks found	▼
○ Avoid non-composited animations — 1 animated element found	▼

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

PASSED AUDITS (27)

Show



Accessibility

These checks highlight opportunities to [improve the accessibility of your web app](#). Only a subset of accessibility issues can be automatically detected so manual testing is also encouraged.

ARIA

▲

[aria-*] attributes do not match their 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.

NAMES AND LABELS

▲

Links do not have a discernible name

▼

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.

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 (20)

Show

NOT APPLICABLE (21)

Show



Best Practices

TRUST AND SAFETY

○

Ensure CSP is effective against XSS attacks

▼

GENERAL

○

Detected JavaScript libraries

▼

▲ Missing source maps for large first-party JavaScript	▼
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.](#)

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.	
ADDITIONAL ITEMS TO MANUALLY CHECK (1)	Show

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

PASSED AUDITS (9)	Show
NOT APPLICABLE (4)	Show



PWA

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

INSTALLABLE

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

PWA OPTIMIZED

▲ Does not register a service worker that controls page and start_url

▲ Is not configured for a custom splash screen Failures: No manifest was fetched.

▲ Does not set a theme color for the address bar.
Failures: No manifest was fetched, No <meta name="theme-color">` tag found.

○ Content is sized correctly for the viewport

Has a <meta name="viewport"> tag with width or initial-scale

▲ Does not provide a valid apple-touch-icon

▲ Manifest doesn't have a maskable icon No manifest was fetched

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 1, 2023, 9:18 AM GMT+10

Initial page load

Emulated Desktop with Lighthouse 9.6.8

Custom throttling

Single page load

Using Chromium 111.0.0.0 with devtools