



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 10.2 s	▲ Time to Interactive 31.5 s
▲ Speed Index 13.7 s	▲ Total Blocking Time 3,610 ms
▲ Largest Contentful Paint 12.8 s	▲ Cumulative Layout Shift 0.55

View Original Trace

View Treemap



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

## OPPORTUNITIES

Opportunity

Estimated Savings

▲	▼
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▲ Reduce unused JavaScript	5.25 s	
▲ Defer offscreen images	4.65 s	▼
▲ Reduce unused CSS	4.5 s	▼
▲ Serve images in next-gen formats	3.45 s	▼
▲ Use HTTP/2	1.38 s	▼
▲ Properly size images	0.9 s	▼
Enable text compression	0.75 s	▼
Use video formats for animated content	0.3 s	▼

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

## DIAGNOSTICS

▲ Avoid an excessive DOM size — 8,473 elements	▼
▲ Minimize main-thread work — 18.9 s	▼
▲ Reduce the impact of third-party code — Third-party code blocked the main thread for 1,930 ms	▼
▲ Does not use passive listeners to improve scrolling performance	▼
▲ Avoid <code>document.write()</code>	▼
▲ Image elements do not have explicit <code>width</code> and <code>height</code>	▼
▲ Serve static assets with an efficient cache policy — 62 resources found	▼
▲ Avoid enormous network payloads — Total size was 7,027 KiB	▼
▲ Reduce JavaScript execution time — 9.0 s	▼
○ Avoid chaining critical requests — 8 chains found	▼
○ Keep request counts low and transfer sizes small — 397 requests • 7,024 KiB	▼
○ Largest Contentful Paint element — 1 element found	▼

<div><div></div></div> Avoid large layout shifts — 5 elements found	▼
<div><div></div></div> Avoid long main-thread tasks — 20 long tasks found	▼
<div><div></div></div> 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 (17)

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

<div><div></div></div> <code>[aria-*</code> attributes do not match their roles	▼
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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

<div><div></div></div> Background and foreground colors do not have a sufficient contrast ratio.	▼
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These are opportunities to improve the legibility of your content.

### NAVIGATION

<div><div></div></div> <code>[id]</code> attributes on active, focusable elements are not unique	▼
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These are opportunities to improve keyboard navigation in your application.

### TABLES AND LISTS

- ▲

Lists do not contain only `<li>` elements and script supporting elements (`<script>` and `<template>`).

▼

These are opportunities to improve the experience of reading tabular or list data using 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 (21)

Show

NOT APPLICABLE (19)

Show



# Best Practices

TRUST AND SAFETY

- ▲

Includes front-end JavaScript libraries with known security vulnerabilities — 9 vulnerabilities detected

▼
- Ensure CSP is effective against XSS attacks

▼

USER EXPERIENCE

- ▲

Displays images with incorrect aspect ratio

▼

GENERAL

- ▲

Browser errors were logged to the console

▼
- Detected JavaScript libraries

▼

PASSED AUDITS (10)

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.](#)

### CRAWLING AND INDEXING

▲ Links are not crawlable



To appear in search results, crawlers need access to your app.

### MOBILE FRIENDLY

Tap targets are not sized appropriately — 92% 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 more.](#)

### ADDITIONAL ITEMS TO MANUALLY CHECK (1)

Show

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

### PASSED AUDITS (12)

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 Mar 20, 2022, 5:55  
PM PDT  
Initial page load

Emulated Moto G4 with  
Lighthouse 9.2.0  
Slow 4G throttling

Single page load  
Using Chromium 99.0.4844.74  
with devtools

Generated by **Lighthouse 9.2.0** | [File an issue](#)