



Performance



Accessibility



Best Practices



SEO



Progressive Web App



Performance

Metrics



● First Contentful Paint	2.0 s	● First Meaningful Paint	2.0 s
● Speed Index	2.0 s	■ First CPU Idle	4.6 s
■ Time to Interactive	5.0 s	▲ Max Potential First Input Delay	350 ms

Values are estimated and may vary. The performance score is based only on these metrics.



Opportunities — These suggestions can help your page load faster. They don't directly affect the Performance score.

Opportunity	Estimated Savings
▲ Avoid multiple page redirects	1.22 s
■ Preconnect to required origins	0.3 s

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

- ▲ Reduce the impact of third-party code – **Third-party code blocked the main thread for 490 ms** ▾
- Minimize main-thread work – **2.1 s** ▾
- Avoid chaining critical requests – 1 chain found ▾
- User Timing marks and measures – 2 user timings ▾
- Keep request counts low and transfer sizes small – 29 requests • 394 KB ▾

Passed audits (17) ▾



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 – 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.

- ▲ `[role]s do not have all required [aria-*] attributes` ▾

Navigation – These are opportunities to improve keyboard navigation in your application.

- ▲ The page does not contain a heading, skip link, or landmark region ▾

Contrast – These are opportunities to improve the legibility of your content.

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

Names and labels – 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.

▲ Links do not have a discernible name ▼

Additional items to manually check (11) – These items address areas which an automated testing tool cannot cover. Learn more in our guide on [conducting an accessibility review](#). ▼

Passed audits (15) ▼

Not applicable (16) ▼



Best Practices

▲ Does not use HTTPS – 2 insecure requests found ▼

▲ Does not use HTTP/2 for all of its resources – 1 request not served via HTTP/2 ▼

▲ Does not use passive listeners to improve scrolling performance ▼

Passed audits (12) ▼



SEO

These checks ensure that your page is optimized for search engine results ranking. There are additional factors Lighthouse does not check that may affect your search ranking. [Learn more](#).

Content Best Practices – Format your HTML in a way that enables crawlers to better understand your app’s content.

▲ Document does not have a meta description

Mobile Friendly – 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](#).

■ Tap targets are not sized appropriately – 95% appropriately sized tap targets

Additional items to manually check (1) – Run these additional validators on your site to check additional SEO best practices.

Passed audits (10)

Not applicable (1)



Progressive Web App

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

Fast and reliable

 Page load is fast enough on mobile networks ▼

Current page does not respond with a 200 when offline

 **Warnings:** The page may not be loading offline because your test URL (<http://google.com/>) was redirected to "https://www.google.com/?gws_rd=ssl". Try testing the second URL directly. ▼

 `start_url` does not respond with a 200 when offline
No usable web app manifest found on page. ▼

Installable

 Does not use HTTPS — **2 insecure requests found** ▼

 Does not register a service worker that controls page and `start_url` ▼

 Web app manifest does not meet the installability requirements
Failures: No manifest was fetched. ▼

PWA Optimized

 Redirects HTTP traffic to HTTPS ▼

 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` ▼

● Contains some content when JavaScript is not available

▲ Does not provide a valid `apple-touch-icon`

Additional items to manually check (3) – 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.

Runtime Settings

URL	https://www.google.com/?gws_rd=ssl
Fetch time	Apr 10, 2020, 11:18 AM EDT
Device	Emulated Nexus 5X
Network throttling	150 ms TCP RTT, 1,638.4 Kbps throughput (Simulated)
CPU throttling	4x slowdown (Simulated)
User agent (host)	Mozilla/5.0 (X11; Linux x86_64) AppleWebKit/537.36 (KHTML, like Gecko) HeadlessChrome/82.0.4085.0 Safari/537.36
User agent (network)	Mozilla/5.0 (Linux; Android 6.0.1; Nexus 5 Build/MRA58N) AppleWebKit/537.36 (KHTML, like Gecko) Chrome/74.0.3694.0 Mobile Safari/537.36 Chrome-Lighthouse
CPU/Memory Power	750

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