

Print Summary

Print Expanded

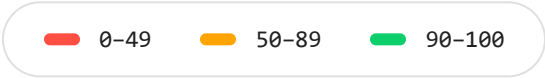
Copy JSON

Save as HTML

Save as JSON

Open in Viewer

Toggle Dark Theme



There were issues affecting this run of Lighthouse:

- Chrome extensions negatively affected this page's load performance. Try auditing the page in incognito mode or from a Chrome profile without extensions.



Performance

Metrics



<div></div> First Contentful Paint	3.5 s	<div></div> First Meaningful Paint	3.5 s
<div></div> Speed Index	3.5 s	<div></div> First CPU Idle	3.5 s
<div></div> Time to Interactive	3.5 s	<div></div> Max Potential First Input Delay	120 ms

View Trace

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
<div></div> Properly size images	<div></div> 7.98 s
<div></div> Eliminate render-blocking resources	<div></div> 1.86 s
<div></div> Remove unused CSS	<div></div> 0.3 s
<div></div> Minify CSS	<div></div> 0.15 s

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

▲	Serve static assets with an efficient cache policy — 30 resources found	▼
▲	Ensure text remains visible during webfont load	▼
■	Avoid enormous network payloads — Total size was 3,345 KB	▼
■	Minimize main-thread work — 2.1 s	▼
●	Avoid chaining critical requests — 9 chains found	▼
●	Keep request counts low and transfer sizes small — 35 requests • 3,345 KB	▼
Passed audits (14)		▼



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.

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

▲	Background and foreground colors do not have a sufficient contrast ratio.	▼
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Best practices — These items highlight common accessibility best practices.

▲	[user-scalable="no"] is used in the <meta name="viewport"> element or the [maximum-scale] attribute is less than 5.	▼
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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 (9)		▼
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Not applicable (24)		▼
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Best Practices

▲ Does not use HTTPS — 31 insecure requests found	▼
▲ Does not use HTTP/2 for all of its resources — 31 requests not served via HTTP/2	▼
▲ Links to cross-origin destinations are unsafe	▼
▲ Includes front-end JavaScript libraries with known security vulnerabilities — 3 vulnerabilities detected	▼
▲ Displays images with incorrect aspect ratio	▼
Passed audits (10)	▼



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.](#)

Crawling and Indexing — To appear in search results, crawlers need access to your app.

▲ robots.txt is not valid — 1 error found	▼
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Additional items to manually check (1) — Run these additional validators on your site to check additional SEO best practices.

Passed audits (9)

Not applicable (3)



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	▼

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

Installable

▲ Does not use HTTPS — **31 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

▲ Does not redirect 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 ` ▼**

● 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	http://niemenglass.com/index.html
Fetch time	Jan 16, 2020, 8:18 PM PST
Device	Emulated Desktop
Network throttling	150 ms TCP RTT, 1,638.4 Kbps throughput (Simulated)
CPU throttling	4x slowdown (Simulated)
User agent (host)	Mozilla/5.0 (Windows NT 10.0; Win64; x64) AppleWebKit/537.36 (KHTML, like Gecko) Chrome/79.0.3945.117 Safari/537.36
User agent (network)	Mozilla/5.0 (Macintosh; Intel Mac OS X 10_13_6) AppleWebKit/537.36 (KHTML, like Gecko) Chrome/74.0.3694.0 Safari/537.36 Chrome-Lighthouse
CPU/Memory Power	1806