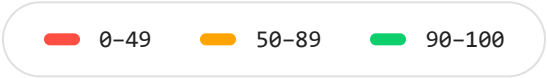


- Print Summary
- Print Expanded
- Copy JSON
- Save as HTML
- Save as JSON
- Open in Viewer
- Toggle Dark Theme



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	3.0 s	<div></div> First Meaningful Paint	3.5 s
<div></div> Speed Index	5.8 s	<div></div> First CPU Idle	3.5 s
<div></div> Time to Interactive	5.4 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> 5.26 s <div></div>
<div></div> Defer offscreen images	<div></div> 1.8 s <div></div>
<div></div> Eliminate render-blocking resources	<div></div> 1.35 s <div></div>

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 — 31 resources found	▼
▲	Ensure text remains visible during webfont load	▼
■	Avoid enormous network payloads — Total size was 3,223 KB	▼
■	Minimize main-thread work — 2.1 s	▼
●	Avoid chaining critical requests — 9 chains found	▼
●	Keep request counts low and transfer sizes small — 36 requests • 3,223 KB	▼
Passed audits (15)		▼



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)

Not applicable (24)



Best Practices

▲ Does not use HTTPS — 32 insecure requests found	▼
▲ Does not use HTTP/2 for all of its resources — 32 requests not served via HTTP/2	▼
▲ Does not use passive listeners to improve scrolling performance	▼
▲ 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 (9)	▼



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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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 — 38% appropriately sized tap targets	▼
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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 (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
- start_url does not respond with a 200 when offline **No usable web app manifest found on page.**



Installable

- Does not use HTTPS — **32 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, 8:16 PM PST
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 (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 (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

1634

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