



Performance



Accessibility



Best Practices



SEO



progressive web app



# Performance

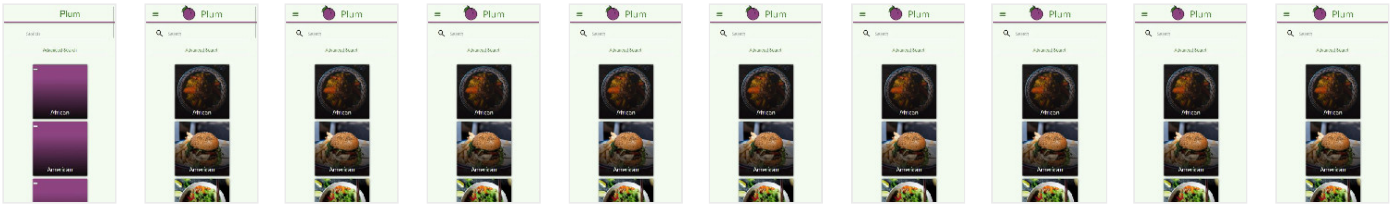
## Metrics



First Contentful Paint	1.8 s	Time to Interactive	4.0 s
Speed Index	2.4 s	Total Blocking Time	10 ms
▲ Largest Contentful Paint	4.7 s	Cumulative Layout Shift	0

Values are estimated and may vary. The [performance score is calculated](#) directly from these metrics. [See calculator.](#)

View Original Trace



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

Opportunity	Estimated Savings
▲ Use HTTP/2	1.18 s
Eliminate render-blocking resources	0.78 s

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

▲ Ensure text remains visible during webfont load	▼
▲ Does not use passive listeners to improve scrolling performance	▼
▲ Serve static assets with an efficient cache policy — 24 resources found	▼

Avoid chaining critical requests — 9 chains found	▼
Keep request counts low and transfer sizes small — 55 requests • 1,535 KiB	▼
Largest contentful paint element — 1 element found	▼
Avoid large layout shifts — 1 element found	▼
Avoid long main-thread tasks — 4 long tasks found	▼
<b>Passed audits (27)</b>	▼



## 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 colours do not have a sufficient contrast ratio.	▼
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**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, such as a screen reader.

▲ Form elements do not have associated labels	▼
▲ Links do not have a discernible name	▼

**Additional items to manually check (10)** — These items address areas which an automated testing tool cannot cover. Learn more in our guide on [conducting an accessibility review](#).

<b>Passed audits (13)</b>	▼
<b>Not applicable (28)</b>	▼



## Best Practices


<b>Passed audits (17)</b>	▼
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Not applicable (1) 

## SEO


These checks ensure that your page is optimised for search engine results ranking. There are additional factors that 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 

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

▲ robots.txt is not valid **Lighthouse was unable to download a robots.txt file** 

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

**Passed audits (11)** 

**Not applicable (1)** 




## progressive web app

These checks validate the aspects of a progressive web app. [Learn more.](#)


### Installable

▲ Web app manifest does not meet the installability requirements — 1 reason 

### PWA Optimised

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

Redirects HTTP traffic to HTTPS 

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

Does not set a theme colour 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`

▲ 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)** — 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://plum-recipes.herokuapp.com/search
Fetch time	17 Mar 2021, 01:14 GMT
Device	Emulated Moto G4
Network throttling	150 ms TCP RTT, 1,638.4 Kbps throughput (Simulated)
CPU throttling	4x slowdown (Simulated)
Channel	devtools
User agent (host)	Mozilla/5.0 (Windows NT 10.0; Win64; x64) AppleWebKit/537.36 (KHTML, like Gecko) Chrome/89.0.4389.82 Safari/537.36
User agent (network)	Mozilla/5.0 (Linux; Android 7.0; Moto G (4)) AppleWebKit/537.36 (KHTML, like Gecko) Chrome/84.0.4143.7 Mobile Safari/537.36 Chrome-Lighthouse
CPU/Memory power	1934
Axe version	4.1.1

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