

## Performance

### Metrics



▲ First Contentful Paint  
**3.3 s**

▲ Time to Interactive  
**8.9 s**

▲ Speed Index  
**8.0 s**

Total Blocking Time  
**160 ms**

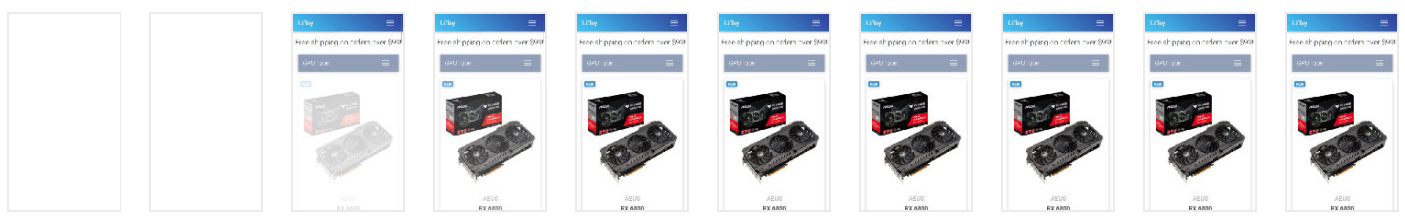
▲ Largest Contentful Paint  
**7.4 s**

Cumulative Layout Shift  
**0.04**

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

[View Original Trace](#)

 [View Treemap](#)



Show audits relevant to: All FCP LCP TBT CLS

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

Opportunity	Estimated Savings
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▲ Use HTTP/2	4.35 s	
▲ Serve images in next-gen formats	2.7 s	▼
▲ Defer offscreen images	2.4 s	▼
▲ Reduce unused JavaScript	1.2 s	▼
Efficiently encode images	0.6 s	▼
Eliminate render-blocking resources	0.45 s	▼
Reduce unused CSS	0.45 s	▼
Preconnect to required origins	0.3 s	▼
Enable text compression	0.17 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	▼
▲ Reduce the impact of third-party code — Third-party code blocked the main thread for 360 ms	▼
▲ Image elements do not have explicit <a href="#">width</a> and <a href="#">height</a>	▼
Serve static assets with an efficient cache policy — 3 resources found	▼
○ Avoid chaining critical requests — 11 chains found	▼
○ Keep request counts low and transfer sizes small — 29 requests • 1,494 KiB	▼
○ Largest Contentful Paint element — 1 element found	▼
○ Avoid large layout shifts — 4 elements found	▼
○ Avoid long main-thread tasks — 3 long tasks found	▼

**Passed audits (21)**



## 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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**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	▼
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**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](#).




**Passed audits (16)** 

**Not applicable (26)** 



## Best Practices

### Trust and Safety

-  Includes front-end JavaScript libraries with known security vulnerabilities — 2 vulnerabilities detected 
-  Ensure CSP is effective against XSS attacks 

### General

-  Detected JavaScript libraries 

**Passed audits (15)** 

**Not applicable (1)** 




## 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](#).

**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 — 94% 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 (11)

▼

Not applicable (2)

▼

Runtime Settings

URL	https://ci-ms-4-mh.herokuapp.com/store/
Fetch Time	Dec 19, 2021, 3:04 AM 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/96.0.4664.110 Safari/537.36
User agent (network)	Mozilla/5.0 (Linux; Android 7.0; Moto G (4)) AppleWebKit/537.36 (KHTML, like Gecko) Chrome/94.0.4590.2 Mobile Safari/537.36 Chrome-Lighthouse
CPU/Memory Power	1088
Axe version	4.2.3