

37

91

87

91

PWA

Performance

Accessibility

Best Practices

SEO

Progressive Web  
App

There were issues affecting this run of Lighthouse:

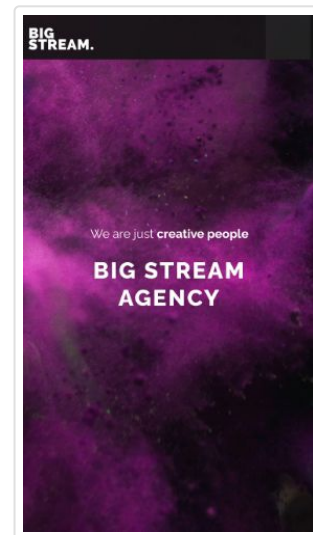
- **Chrome extensions negatively affected this page's load performance. Try auditing the page in incognito mode or from a Chrome profile without extensions.**



## Performance

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

▲ 0–49    ■ 50–89    ● 90–100



### METRICS

[Expand view](#)

■ First Contentful Paint  
**2.2 s**

▲ Largest Contentful Paint  
**38.9 s**

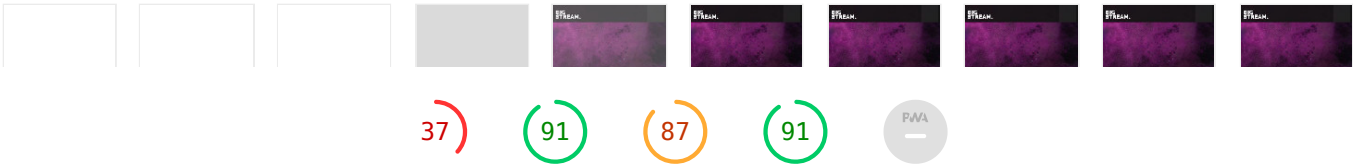
■ Total Blocking Time  
**280 ms**

▲ Speed Index  
**7.7 s**

▲ Time to Interactive  
**12.6 s**

▲ Cumulative Layout Shift  
**0.748**

 [View Treemap](#)



Show audits relevant to: [All](#) [FCP](#) [LCP](#) [TBT](#) [CLS](#)

OPPORTUNITIES

Opportunity	Estimated Savings
▲ Properly size images	111.9 s
▲ Serve images in next-gen formats	35.85 s
▲ Reduce unused JavaScript	1.2 s
■ Reduce unused CSS	0.69 s
■ Eliminate render-blocking resources	0.67 s
■ Efficiently encode images	0.45 s
■ Avoid serving legacy JavaScript to modern browsers	0.45 s
■ Defer offscreen images	0.39 s
■ Preconnect to required origins	0.3 s
■ Minify JavaScript	0.15 s

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

DIAGNOSTICS

▲ Avoid enormous network payloads — Total size was 38,973 KiB	▼
▲ Serve static assets with an efficient cache policy — 58 resources found	▼
▲ Ensure text remains visible during webfont load	▼
▲ Image elements do not have explicit <a href="#">width</a> and <a href="#">height</a>	▼
▲ Avoid an excessive DOM size — 1.667 elements	▼

37

91

87

91

PWA

- Avoid chaining critical requests — 35 chains found
- Keep request counts low and transfer sizes small — 86 requests • 38,973 KiB
- Largest Contentful Paint element — 1 element found
- Avoid large layout shifts — 5 elements found
- Avoid long main-thread tasks — 13 long tasks found
- Avoid non-composited animations — 8 animated elements found

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

PASSED AUDITS (16)

Show



## 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

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

These are opportunities to improve the legibility of your content.

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.

NAVIGATION

**Heading elements are not in a sequentially-descending order**

▼

These are opportunities to improve keyboard navigation in your application.

ADDITIONAL ITEMS TO MANUALLY CHECK (10)

Show

These items address areas which an automated testing tool cannot cover. Learn more in our guide on [conducting an accessibility review](#).

PASSED AUDITS (13)

Show

NOT APPLICABLE (28)

Show



Best Practices

TRUST AND SAFETY

**Links to cross-origin destinations are unsafe**

▼

Ensure CSP is effective against XSS attacks

37

91

87

91

PWA

GENERAL

- ▲

Browser errors were logged to the console

▼
- Detected JavaScript libraries

▼

PASSED AUDITS (14)

Show

NOT APPLICABLE (1)

Show



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](#).

CONTENT BEST PRACTICES

- ▲

Document does not have a meta description **Description text is empty.**

▼
- Format your HTML in a way that enables crawlers to better understand your app's content.

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.](#)

ADDITIONAL ITEMS TO MANUALLY CHECK (1) Show

Run these additional validators on your site to check additional SEO best practices.

PASSED AUDITS (10) Show

NOT APPLICABLE (2) Show



Progressive Web App

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

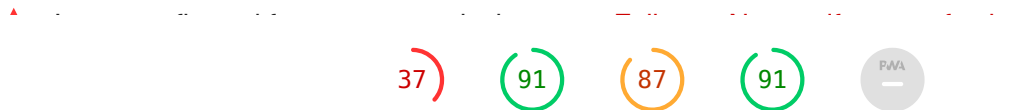
INSTALLABLE

- ▲ Web app manifest or service worker do not meet the installability requirements — 1 reason ▼

PWA OPTIMIZED

- ▲ Does not register a service worker that controls page and [start\\_url](#) ▼

- Redirects HTTP traffic to HTTPS ▼



Failures: No manifest was fetched, No `

- Content is sized correctly for the viewport
- Has a `<meta name="viewport">` tag with `width` or `initial-scale`
- Provides a valid `apple-touch-icon`
- Manifest doesn't have a maskable icon No manifest was fetched

#### ADDITIONAL ITEMS TO MANUALLY CHECK (3)

[Show](#)

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.

Captured at Jan 22, 2022, 6:51 PM  
EST

Emulated Moto G4 with Lighthouse  
8.5.0

Single page load

Initial page load

Slow 4G throttling

Using Chromium 97.0.4692.99 with  
devtools

Generated by **Lighthouse 8.5.0** | [File an issue](#)