



Performance



Accessibility



Best Practices



SEO



PWA



## Performance

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



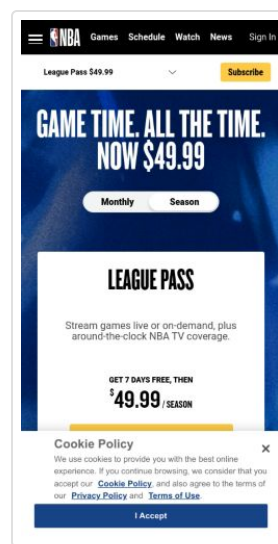
0–49



50–89



90–100



### METRICS

[Expand view](#)

First Contentful Paint

**3.2 s**

Largest Contentful Paint

**7.5 s**

Total Blocking Time

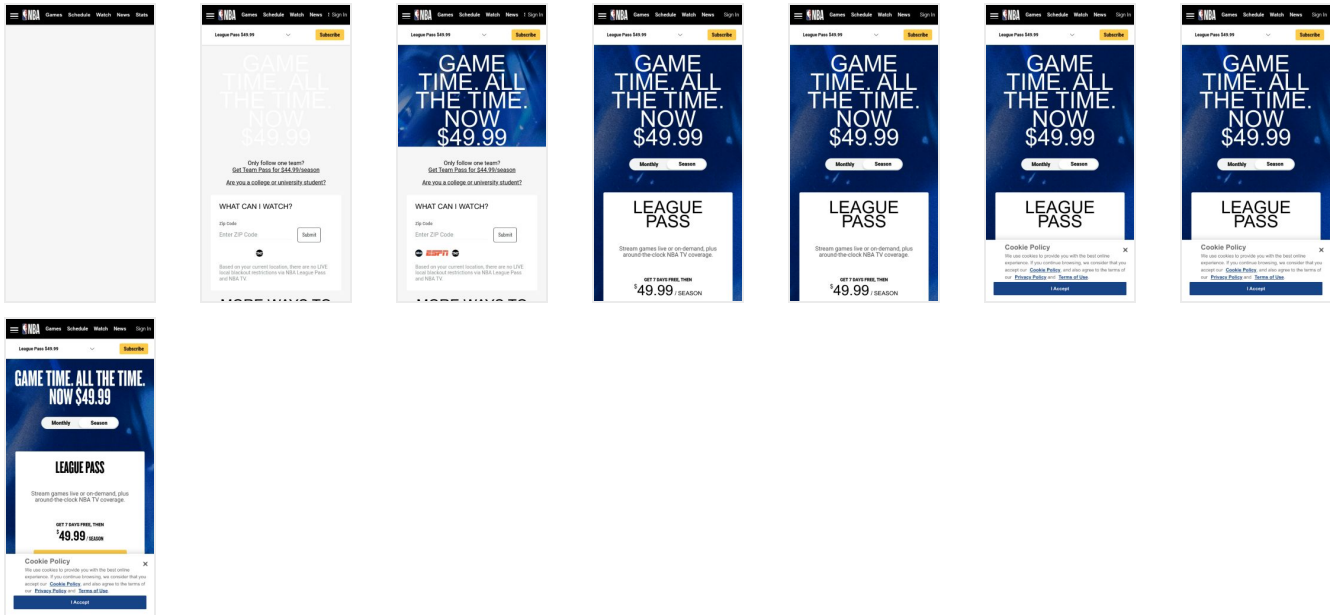
**10,430 ms**

Cumulative Layout Shift

**0.38**

Speed Index

**8.9 s**[View Treemap](#)



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

DIAGNOSTICS

▲	Reduce unused CSS	— Potential savings of 240 KiB	▼
▲	Avoid large layout shifts	— 13 elements found	▼
▲	Minimize main-thread work	— 27.8 s	▼
▲	Largest Contentful Paint element	— 7,490 ms	▼
▲	Reduce unused JavaScript	— Potential savings of 784 KiB	▼
▲	Reduce JavaScript execution time	— 17.9 s	▼
▲	Defer offscreen images	— Potential savings of 540 KiB	▼
▲	Reduce the impact of third-party code	— Third-party code blocked the main thread for 2,520 ms	▼
▲	Avoid an excessive DOM size	— 1,034 elements	▼
▲	Page prevented back/forward cache restoration	— 4 failure reasons	▼
■	Minify JavaScript	— Potential savings of 24 KiB	▼
■	Enable text compression	— Potential savings of 41 KiB	▼
■	Use HTTP/2	— 7 requests not served via HTTP/2	▼
■	Serve static assets with an efficient cache policy	— 123 resources found	▼

■	Ensure text remains visible during webfont load	▼
■	Image elements do not have explicit <a href="#">width</a> and <a href="#">height</a>	▼
■	Properly size images — Potential savings of 372 KiB	▼
■	Avoid serving legacy JavaScript to modern browsers — Potential savings of 33 KiB	▼
■	Avoid enormous network payloads — Total size was 3,717 KiB	▼
○	Avoid long main-thread tasks — 20 long tasks found	▼
○	Initial server response time was short — Root document took 320 ms	▼
○	User Timing marks and measures — 56 user timings	▼
○	Avoid non-composited animations — 1 animated element found	▼
○	Avoid chaining critical requests — 10 chains found	▼

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

PASSED AUDITS (15)

Show



## Accessibility

These checks highlight opportunities to [improve the accessibility of your web app](#). Automatic detection can only detect a subset of issues and does not guarantee the accessibility of your web app, so [manual testing](#) is also encouraged.

### NAMES AND LABELS

- ▲ Image elements do not have `[alt]` attributes
- ▲ Form elements do not have associated labels
- ▲ Select elements do not have associated label elements.

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.

## BEST PRACTICES

- ▲ `[user-scalable="no"]` is used in the `<meta name="viewport">` element or the `[maximum-scale]` attribute is less than 5.

These items highlight common accessibility best practices.

## CONTRAST

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

These are opportunities to improve the legibility of your content.

## ARIA

- ▲ Values assigned to `role=""` are not valid ARIA roles.

These are opportunities to improve the usage of ARIA in your application which may enhance the experience for users of assistive technology, like a screen reader.

## 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 (20)

[Show](#)

## NOT APPLICABLE (31)

[Show](#)



Best Practices

GENERAL

▲ Uses deprecated APIs — 2 warnings found	▼
▲ Uses third-party cookies — 76 cookies found	▼
▲ Registers an unload listener	▼
▲ Browser errors were logged to the console	▼
▲ Issues were logged in the Issues panel in Chrome Devtools	▼
○ Detected JavaScript libraries	▼
▲ Missing source maps for large first-party JavaScript	▼

TRUST AND SAFETY

○ Ensure CSP is effective against XSS attacks	▼
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PASSED AUDITS (8)

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 about Google Search Essentials](#).

### CONTENT BEST PRACTICES

▲ Links do not have descriptive text — 1 link found



▲ Image elements do not have `[alt]` attributes



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

### MOBILE FRIENDLY

■ Tap targets are not sized appropriately — 70% appropriately sized tap targets



Make sure your pages are mobile friendly so users don't have to pinch or zoom in order to read the content pages. [Learn how to make pages mobile-friendly](#).

### ADDITIONAL ITEMS TO MANUALLY CHECK (1)

Show

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

### PASSED AUDITS (11)

Show



## PWA

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



### INSTALLABLE



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



### PWA OPTIMIZED



Configured for a custom splash screen



Does not set a theme color for the address bar.



Failures: No ``<meta name="theme-color">`` tag found.



Content is sized correctly for the viewport



Has a `<meta name="viewport">` tag with `width` or `initial-scale`



Manifest doesn't have a maskable icon



### ADDITIONAL ITEMS TO MANUALLY CHECK (3)

Hide



Site works cross-browser



Page transitions don't feel like they block on the network



○ Each page has a URL



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 21, 2024, 8:21 PM PST

Emulated Moto G Power with Lighthouse 11.4.0

Single page session

Initial page load

Custom throttling

Using HeadlessChromium 120.0.0.0 with cli

Generated by **Lighthouse** 11.4.0 | [File an issue](#)