https://rickmorty-game.vercel.app/ ⋮

72	100	100	85	PWA
Performance	Accessibility	Best Practices	SEO	PWA

72

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	Time to Interactive
1.8 s	2.7 s

Speed Index	Total Blocking Time
2.1 s	0 ms

▲ Largest Contentful Paint	▲ Cumulative Layout Shift
4.2 s	0.582

View Treemap   View Original Trace

Show audits relevant to: All FCP TBT LCP CLS

OPPORTUNITIES

Opportunity	Estimated Savings
Serve images in next-gen formats	0.75 s ⌄

Eliminate render-blocking resources	0.3 s ⌄
Efficiently encode images	0.3 s ⌄
Reduce unused JavaScript	0.15 s ⌄

These suggestions can help your page load faster. They don't directly affect the Performance score.

DIAGNOSTICS

⚠ Image elements do not have explicit `width` and `height` ⌄

Serve static assets with an efficient cache policy — 6 resources found ⌄

○ Avoid chaining critical requests — 3 chains found ⌄

○ Keep request counts low and transfer sizes small — 15 requests • 633 KiB ⌄

○ Largest Contentful Paint element — 1 element found ⌄

○ Avoid large layout shifts — 3 elements found ⌄

○ Avoid long main-thread tasks — 1 long task found ⌄

More information about the performance of your application. These numbers don't directly affect the Performance score.

PASSED AUDITS (29)   Show

100

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.

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 (11)   Show

NOT APPLICABLE (33)   Show

100

Best Practices

TRUST AND SAFETY

○   Ensure CSP is effective against XSS attacks   ⌄

PASSED AUDITS (13)   Show

NOT APPLICABLE (2)   Show

85

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   ⌄

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

MOBILE FRIENDLY

▲   Document doesn't use legible font sizes — 48.2% legible text   ⌄

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 (11)   Show

NOT APPLICABLE (1)   Show

PWA

PWA

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`   ⌄

▲   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 `<meta name="theme-color">` tag found.   ⌄

▲   Content is not sized correctly for the viewport
      The viewport size of 392px does not match the window size of 360px.   ⌄

      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)   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 Mar 9, 2023, 5:54   Emulated Moto G4 with   Single page load
PM CST   Lighthouse 9.6.8
Initial page load   Slow 4G throttling   Using Chromium 110.0.0.0
                                                                      with devtools

Generated by **Lighthouse** 9.6.8 | File an issue