69	100	87	92	PWA
69	**100**	**87**	**92**	**—**
Performance	Accessibility	Best Practices	SEO	Progressive Web App

▲ 0–49   ■ 50–89   ● 90–100

69

Performance

Metrics

■ First Contentful Paint	2.3 s	● Time to Interactive	2.9 s
● Speed Index	2.3 s	● Total Blocking Time	10 ms
▲ Largest Contentful Paint	9.6 s	■ Cumulative Layout Shift	0.141

Values are estimated and may vary. The performance score is calculated directly from these metrics. See calculator.

[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.

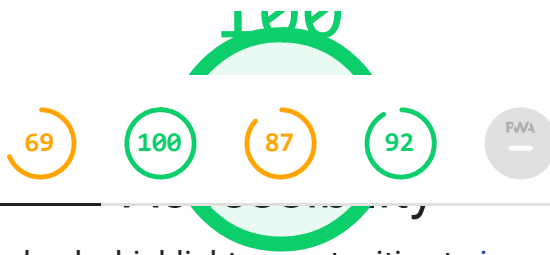| Opportunity	Estimated Savings

69 100 87 92 PWA

⚠ Serve images in next-gen formats	8.4 s ⌄
⚠ Efficiently encode images	6 s ⌄
⚠ Eliminate render-blocking resources	1.3 s ⌄
⚠ Reduce unused JavaScript	1.2 s ⌄
■ Minify JavaScript	0.75 s ⌄
■ Reduce unused CSS	0.3 s ⌄
■ Enable text compression	0.15 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	⌄
⚠ Image elements do not have explicit `width` and `height`	⌄
⚠ Serve static assets with an efficient cache policy — 16 resources found	⌄
● Avoid chaining critical requests — 9 chains found	⌄
● Keep request counts low and transfer sizes small — 25 requests • 2,539 KiB	⌄
● Largest Contentful Paint element — 1 element found	⌄
● Avoid large layout shifts — 5 elements found	⌄
● Avoid long main-thread tasks — 3 long tasks found	⌄

Passed audits (20) ⌄

100

100

69 100 87 92 PWA

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) — These items address areas which an automated testing tool cannot cover. Learn more in our guide on conducting an accessibility review. ⌄

Passed audits (17) ⌄

Not applicable (27) ⌄

87

Best Practices

Trust and Safety

▲ Links to cross-origin destinations are unsafe ⌄

⬤ Ensure CSP is effective against XSS attacks ⌄

User Experience

▲ Displays images with incorrect aspect ratio ⌄

Passed audits (15)   ⌄

69 100 87 92 PWA

Not applicable (1)   ⌄

92

SEO

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

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)   ⌄

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 ⌄

⚠ 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 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://8000-blue-dog-3nb16pju.ws-eu08.gitpod.io/game-

knight.html

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Device	Emulated Moto G4
Network throttling	Unknown
CPU throttling	Unknown
Channel	lr
User agent (host)	Mozilla/5.0 (X11; Linux x86_64) AppleWebKit/537.36 (KHTML, like Gecko) HeadlessChrome/90.0.4430.97 Safari/537.36
User agent (network)	Mozilla/5.0 (Linux; Android 7.0; Moto G (4)) AppleWebKit/537.36 (KHTML, like Gecko) Chrome/90.0.4420.0 Mobile Safari/537.36 Chrome-Lighthouse
CPU/Memory Power	1157

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