https://www.google.com/search?q=w3schools&oq=w3scho&gs_lcrp=EgZjaHJvbWUqDQgAEAAYgwEYsQMYgAQyD...   ⋮

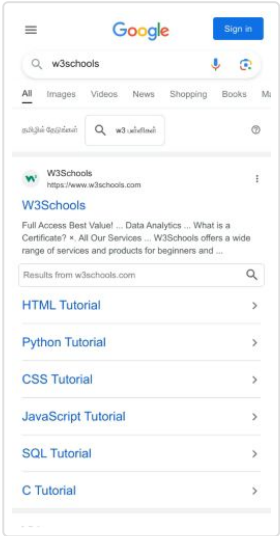| 60	73	96	77	PWA
Performance	Accessibility	Best Practices	SEO	PWA

60

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
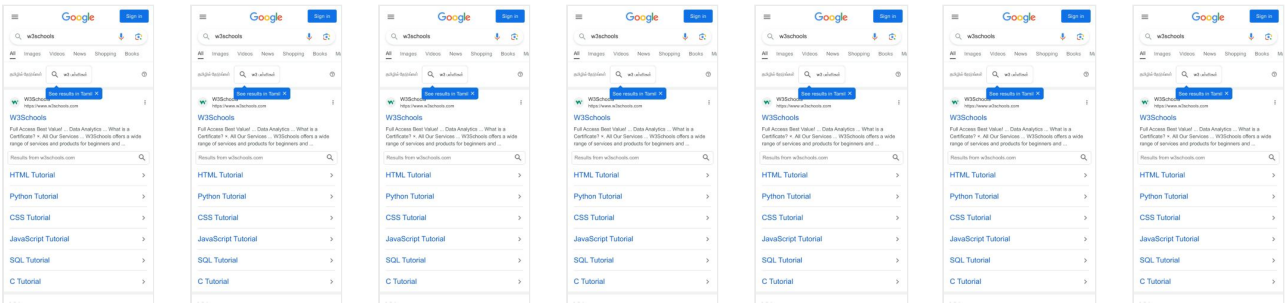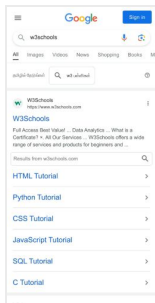
■ **First Contentful Paint**
2.3 s

● **Largest Contentful Paint**
2.5 s

▲ **Total Blocking Time**
4,930 ms

● **Cumulative Layout Shift**
0.009

▲ **Speed Index**
6.0 s

⊞ **View Treemap**

Show audits relevant to: All FCP LCP TBT CLS

DIAGNOSTICS

🔺 Avoid an excessive DOM size — 1,676 elements ⌄

🔺 Reduce JavaScript execution time — 8.1 s ⌄

🔺 Minimize main-thread work — 11.2 s ⌄

🔺 Reduce the impact of third-party code — Third-party code blocked the main thread for 3,560 ms ⌄

🔺 Some third-party resources can be lazy loaded with a facade — 1 facade alternative available ⌄

🟧 Defer offscreen images — Potential savings of 5 KiB ⌄

🟧 Reduce unused CSS — Potential savings of 149 KiB ⌄

🟧 Reduce unused JavaScript — Potential savings of 1,424 KiB ⌄

🟧 Avoid enormous network payloads — Total size was 2,949 KiB ⌄

🟧 Serve static assets with an efficient cache policy — 3 resources found ⌄

🟧 Ensure text remains visible during webfont load ⌄

🟧 Does not use passive listeners to improve scrolling performance ⌄

◯ Initial server response time was short — Root document took 60 ms ⌄

◯ Avoid chaining critical requests — 3 chains found ⌄

◯ User Timing marks and measures — 36 user timings ⌄

◯ Largest Contentful Paint element — 2,480 ms ⌄

◯ Avoid large layout shifts — 1 element found ⌄

◯ Avoid long main-thread tasks — 20 long tasks found ⌄

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

PASSED AUDITS (19)   Show

73

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.

ARIA

⚠ `[role]`s do not have all required `[aria-*]` attributes   ⌄

⚠ Elements with an ARIA `[role]` that require children to contain a specific `[role]` are missing some or all of those required children.   ⌄

⚠ `[role]`s are not contained by their required parent element   ⌄

⚠ `button`, `link`, and `menuitem` elements do not have accessible names.   ⌄

⚠ ARIA input fields do not have accessible names   ⌄

⚠ 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.

NAMES AND LABELS

⚠ Buttons do not have an accessible name   ⌄

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 (22)   Show

NOT APPLICABLE (29)   Show

96

Best Practices

GENERAL

⚠️ Issues were logged in the `Issues` panel in Chrome Devtools   ⌄

⚪ Detected JavaScript libraries   ⌄

⚠️ Missing source maps for large first-party JavaScript   ⌄

PASSED AUDITS (12)   Show

NOT APPLICABLE (2)   Show

77

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

⚠ Document does not have a meta description ⌄

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

CRAWLING AND INDEXING

⚠ Links are not crawlable ⌄

⚠ Page is blocked from indexing ⌄

To appear in search results, crawlers need access to your app.

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 (1)   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

🔺 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` ⌄

🔺 Manifest doesn't have a maskable icon No manifest was fetched ⌄

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 17, 2024, 2:41 PM GMT+5:30

🖥 Emulated Desktop with Lighthouse 11.4.0

🔗 Single page session

⏱ Initial page load

📶 Unknown

🌐 Using HeadlessChromium 120.0.6099.199 with lr

Generated by **Lighthouse** 11.4.0 | File an issue