



Performance



Accessibility



Best Practices



SEO



Progressive Web App

0-49

50-89

90-100

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.
- The page loaded too slowly to finish within the time limit. Results may be incomplete.



Performance

Metrics



First Contentful Paint	0.6 s	Time to Interactive	1.1 s
Speed Index	1.1 s	Total Blocking Time	170 ms
Largest Contentful Paint	0.6 s	Cumulative Layout Shift	0.006

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

View Original Trace



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

Opportunity	Estimated Savings
▲ Serve images in next-gen formats	2.95 s ▼

Warnings:

- Unable to locate resource ...35/0QW7yRsB_o.png
- Unable to locate resource ...2a/s41i5C9t_o.png
- Unable to locate resource ...a4/YKd36su1_o.png

- Unable to locate resource ...bd/d8UxLh4q_o.png
- Unable to locate resource ...f6/9q2edz2p_o.png
- Unable to locate resource ...f0/7zaluW42_o.png
- Unable to locate resource ...43/F11jelFx_o.png
- Unable to locate resource ...32/3hj6BIWx_o.png
- Unable to locate resource ...0c/P2REhX5k_o.png
- Unable to locate resource ...ab/8lzvDOzc_o.png
- Unable to locate resource ...f9/IHjBUE1f_o.png
- Unable to locate resource ...cf/wlysigUT_o.png
- Unable to locate resource ...c2/x8q8XiTg_o.png
- Unable to locate resource ...88/4irzX449_o.png
- Unable to locate resource ...40/3mc9OSdH_o.png
- Unable to locate resource ...6e/dM1L8DMs_o.png
- Unable to locate resource ...40/ddJiuhNV_o.png
- Unable to locate resource ...a5/8iNE9T6Y_o.png
- Unable to locate resource ...0a/LAupFe3L_o.png
- Unable to locate resource ...1d/46Eo0yuu_o.png
- Unable to locate resource ...82/H9gthFmK_o.png
- Unable to locate resource ...f5/ZgdsrbqW_o.png
- Unable to locate resource ...f5/04IBXd2F_o.png
- Unable to locate resource ...06/2irK3PGj_o.png
- Unable to locate resource ...39/stH98Qy1_o.png
- Unable to locate resource ...b8/USCniUHy_o.png
- Unable to locate resource ...b8/HAXSg9rr_o.png
- Unable to locate resource ...07/rs4MS4HU_o.png
- Unable to locate resource ...52/hp8DpyGM_o.png
- Unable to locate resource ...28/cg2hkitx_o.png
- Unable to locate resource ...2b/NAcsTEB6_o.png
- Unable to locate resource ...0b/bJD0zV02_o.png
- Unable to locate resource ...6c/d5ulGpoh_o.png
- Unable to locate resource ...77/CDzoMWTH_o.png
- Unable to locate resource ...fc/KiaMQgym_o.png
- Unable to locate resource ...ec/5kukvU10_o.png
- Unable to locate resource ...9d/jIMV5w8x_o.png
- Unable to locate resource ...47/6uim8L1a_o.png
- Unable to locate resource ...eb/evB1Wi95_o.png
- Unable to locate resource ...2f/FhtEd0nB_o.png
- Unable to locate resource ...d2/oVB1ofaZ_o.png
- Unable to locate resource ...79/Wyc9K7fv_o.png
- Unable to locate resource ...81/EOWojaSj_o.png
- Unable to locate resource ...c4/jRAk115c_o.png
- Unable to locate resource ...db/3plcm5IB_o.png

- Unable to locate resource ...99/RLkM4sNw_o.png
- Unable to locate resource ...6a/upl6gwfq_o.png
- Unable to locate resource ...53/5jklZkPz_o.png
- Unable to locate resource ...a0/kTPQRyzt_o.png
- Unable to locate resource ...c8/HPYpMlux_o.png
- Unable to locate resource ...09/eNvilptL_o.png
- Unable to locate resource ...39/FyZRYeOh_o.png
- Unable to locate resource ...e3/RzQ9nX2V_o.png
- Unable to locate resource ...ab/XUoByiuR_o.png
- Unable to locate resource ...f0/tyNDMK5j_o.png
- Unable to locate resource ...04/DNXjbXDY_o.png
- Unable to locate resource ...88/YprVKOBk_o.png
- Unable to locate resource ...ae/1JL1ZzXD_o.png
- Unable to locate resource ...cb/cvLgCm0d_o.png
- Unable to locate resource ...ed/CHXoRaSP_o.png
- Unable to locate resource ...a2/bPpNeIRJ_o.png
- Unable to locate resource ...8e/MYyHbnd2_o.png

▲ Properly size images	1.26 s	▼
Use HTTP/2	0.71 s	▼
Preconnect to required origins	0.35 s	▼
Remove unused CSS	0.2 s	▼
Eliminate render-blocking resources	0.17 s	▼

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

▲ Avoid enormous network payloads — Total size was 15,573 KiB	▼
▲ Image elements do not have explicit width and height	▼
Minimize main-thread work — 2.5 s	▼
Avoid chaining critical requests — 4 chains found	▼
User Timing marks and measures — 2 user timings	▼
Keep request counts low and transfer sizes small — 105 requests • 15,573 KiB	▼
Largest Contentful Paint element — 1 element found	▼
Avoid large layout shifts — 4 elements found	▼
Avoid long main-thread tasks — 4 long tasks found	▼

Passed audits (20) ▼



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 — These are opportunities to improve the legibility of your content.

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

Navigation — These are opportunities to improve keyboard navigation in your application.

▲ Heading elements are not in a sequentially-descending order

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 (9)

Not applicable (30)



Best Practices

Passed audits (15)



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](#).

Additional items to manually check (1) — Run these additional validators on your site to check additional SEO best practices. ▼

Passed audits (11) ▼

Not applicable (3) ▼



Progressive Web App

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

Fast and reliable

Page load is fast enough on mobile networks ▼

▲ Current page does not respond with a 200 when offline ▼

`start_url` does not respond with a 200 when offline ▼

▲ Timed out waiting for `start_url` (<https://react-spacex-history.netlify.app/>) to respond. ▼

Installable

Uses HTTPS ▼

▲ Does not register a service worker that controls page and `start_url` ▼

Web app manifest meets the installability requirements ▼

PWA Optimized

Redirects HTTP traffic to HTTPS ▼

Configured for a custom splash screen ▼

Sets a theme color for the address bar. ▼

Content is sized correctly for the viewport ▼

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

Contains some content when JavaScript is not available ▼

Provides a valid `apple-touch-icon` ▼

▲ Manifest doesn't have a maskable icon ▼

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://react-spacex-history.netlify.app/
Fetch Time	Oct 29, 2020, 10:06 AM GMT+5:30
Device	Emulated Desktop
Network throttling	40 ms TCP RTT, 10,240 Kbps throughput (Simulated)
CPU throttling	1x slowdown (Simulated)
Channel	devtools
User agent (host)	Mozilla/5.0 (Windows NT 10.0; Win64; x64) AppleWebKit/537.36 (KHTML, like Gecko) Chrome/86.0.4240.111 Safari/537.36
User agent (network)	Mozilla/5.0 (Macintosh; Intel Mac OS X 10_14_6) AppleWebKit/537.36 (KHTML, like Gecko) Chrome/84.0.4143.7 Safari/537.36 Chrome-Lighthouse
CPU/Memory Power	880

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