Performance Report for:

https://open.spotify.com/

Report generated: Tue, Apr 30, 2024 5:41 PM -0700
Test Server Location: 🇨🇦 Vancouver, Canada
Using: Chrome 117.0.0.0, Lighthouse 11.0.0

F	Performance **19%**	Structure **83%**	L. Contentful Paint **4.7s**	T. Blocking Time **1.0s**	C. Layout Shift **0.4**

Top Issues

High	**Avoid enormous network payloads** LCP	Total size was 5.18MB
Med	**Avoid an excessive DOM size** TBT	1,604 elements
Med	**Avoid long main-thread tasks** TBT	20 long tasks found
Med	**Avoid large layout shifts** CLS	2 elements found
Med-Low	**Reduce JavaScript execution time** TBT	2.9s spent executing JavaScript

Page Details

11.7s
Fully Loaded Time

Total Page Size – 5.15MB

JS 2.78MB	IMG 1.01MB	Other 855KB	Font 365KB	

Total Page Requests – 163

Other 47.9%	IMG 28.8%	JS 16%	CSS 3.1%	

■ HTML   ■ JS   ■ CSS   ■ IMG   ■ Video   ■ Font   ■ Other

How does this affect me?

Today's web user expects a fast and seamless website experience. Delivering that fast experience can result in increased visits, conversions and overall happiness.

As if you didn't need more incentive, **Google has announced that they are using page speed in their ranking algorithm.**
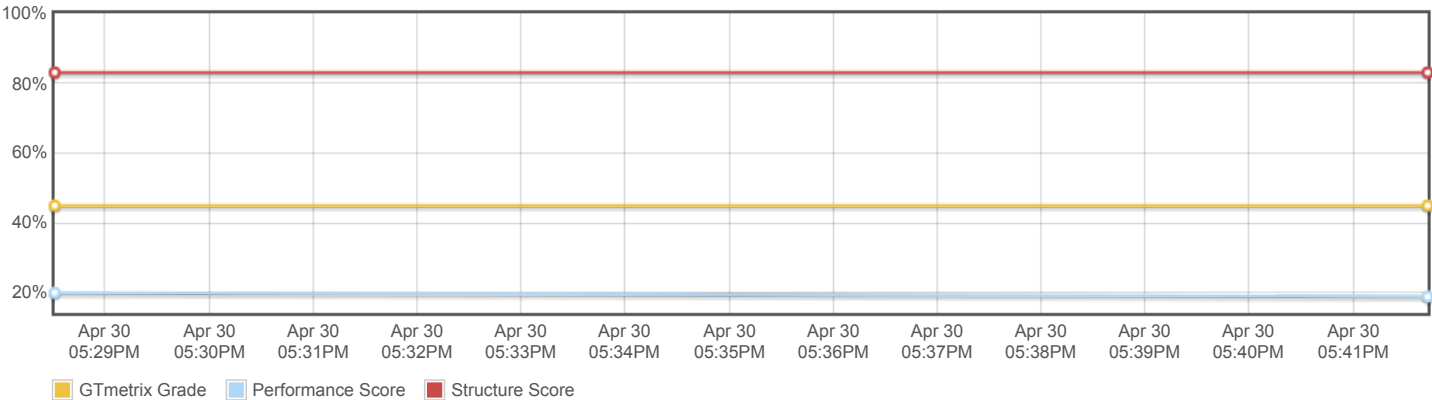
About GTmetrix

CARBON 60
THE MANAGED CLOUD COMPANY
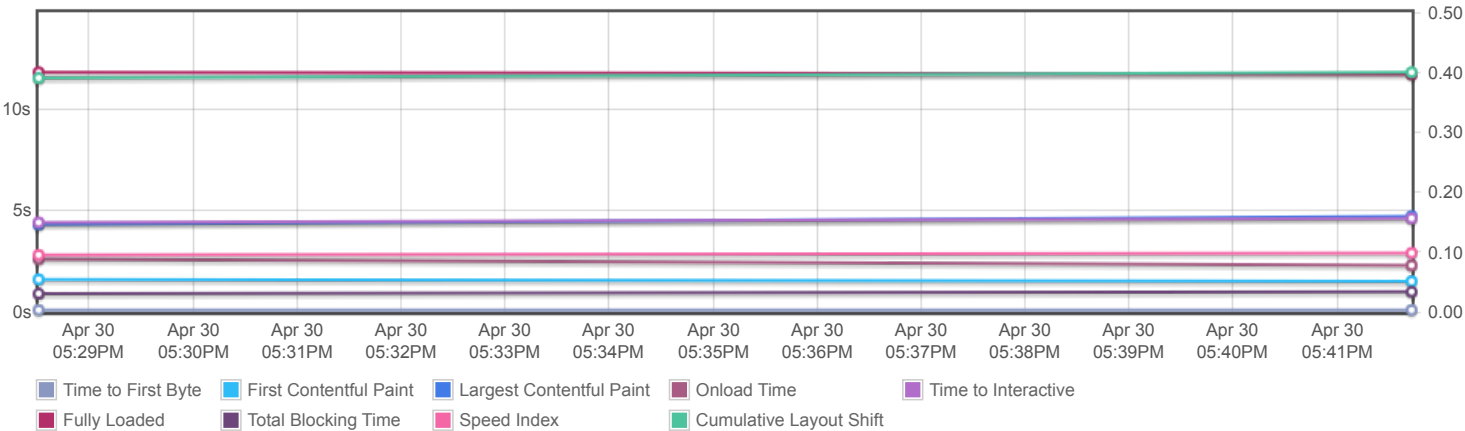
GTmetrix is developed by the good folks at **Carbon60**, a Canadian hosting company with over 28 years experience in web technology.

https://carbon60.com/

Page scores

GTmetrix Grade ■ Performance Score ■ Structure Score

Page metrics

■ Time to First Byte ■ First Contentful Paint ■ Largest Contentful Paint ■ Onload Time ■ Time to Interactive
■ Fully Loaded ■ Total Blocking Time ■ Speed Index ■ Cumulative Layout Shift

Page sizes and request counts

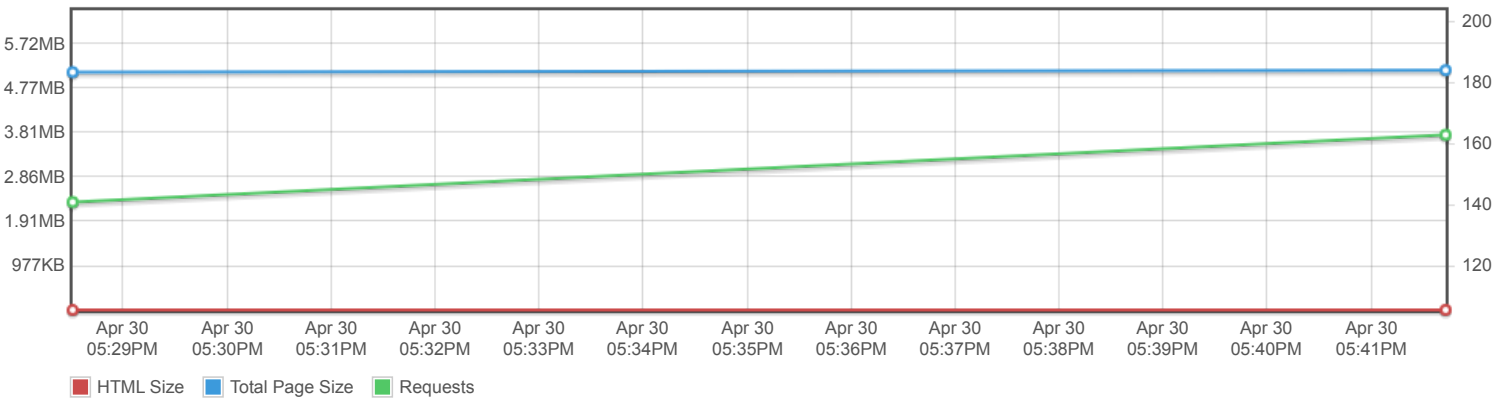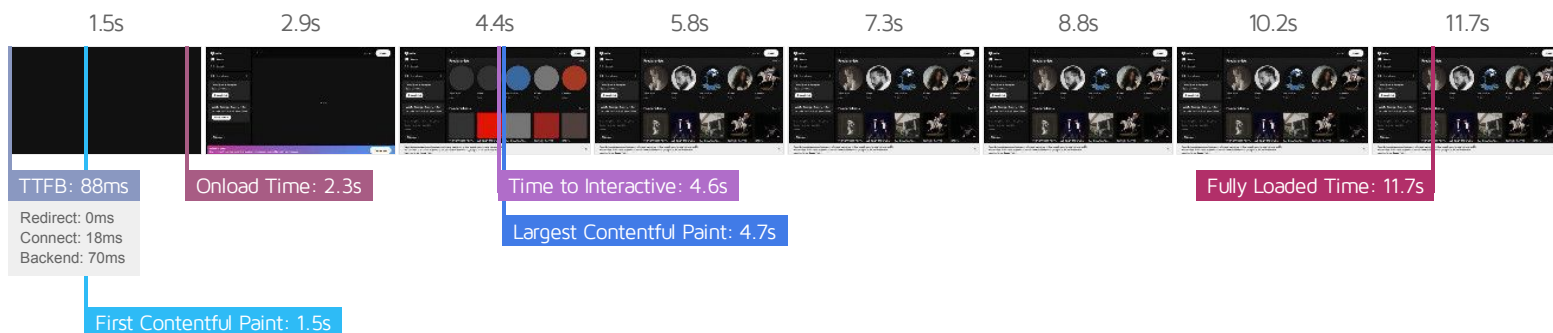■ HTML Size ■ Total Page Size ■ Requests

The waterfall chart displays the loading behaviour of your site in your selected browser. It can be used to discover simple issues such as 404's or more complex issues such as external resources blocking page rendering.

Spotify - Web Player: Music for everyone

/	200	open.spotify.com	4.48KB	97ms
CircularSp-Book-a00e99e...	200	encore.scdn.co	81.8KB	64ms
CircularSpTitle-Bold-b258...	200	encore.scdn.co	99KB	80ms
CircularSp-Bold-602e7aef...	200	encore.scdn.co	87.4KB	81ms
CircularSpTitle-Black-458...	200	encore.scdn.co	96.9KB	65ms
web-player.16da7629.css	200	open.spotifycdn.com	92.5KB	40ms
vendor~web-player.c0f32...	200	open.spotifycdn.com	8.65KB	35ms
en.2f1fd33f.json	200	open.spotifycdn.com	27.2KB	32ms
enterprise.js?render=6Lf...	200	google.com	1.20KB	47ms
optimize.js?id=GTM-W53...	200	googleoptimize.com	47.2KB	63ms
gtm.ea4c34bc.js	200	open.spotifycdn.com	1.23KB	36ms
retargeting-pixels.5ab9cd...	200	open.spotifycdn.com	364B	35ms
web-player.f2d03b8b.js	200	open.spotifycdn.com	699KB	83ms
vendor~web-player.a0bb3...	200	open.spotifycdn.com	1.21MB	228ms
recaptcha__en.js	200	gstatic.com	201KB	70ms
POST envelope?sentry_k...	200	o22381.ingest.sentry.io	2B	82ms
2789.undefined.css	(canceled)	open.spotifycdn.com	0	162ms
7784.6ffff483.js	200	open.spotifycdn.com	4.00KB	8ms
xpui-routes-search.ab8f5...	200	open.spotifycdn.com	3.93KB	9ms
xpui-routes-search.ab8f5...	200	open.spotifycdn.com	15.9KB	12ms
2193.2dd573c2.js	200	open.spotifycdn.com	5.67KB	9ms
home-hpto.909ee654.css	200	open.spotifycdn.com	1.82KB	11ms
home-hpto.909ee654.js	200	open.spotifycdn.com	684B	12ms
home-ads-container.f720a...	200	open.spotifycdn.com	1.08KB	11ms
xpui-routes-offline-brows...	200	open.spotifycdn.com	343B	13ms
xpui-routes-offline-brows...	200	open.spotifycdn.com	1.93KB	12ms
?type=dealer&type=spclient	200	apresolve.spotify.com	107B	90ms
?type=dealer&type=spclient	200	apresolve.spotify.com	111B	57ms
cast_sender.js?loadCastF...	200	gstatic.com	1.98KB	45ms
otSDKStub.js	200	cdn.cookielaw.org	6.72KB	65ms
?type=dealer&type=spclient	200	apresolve.spotify.com	130B	93ms
anchor?ar=1&k=6LfCVLA...	200	google.com	27.7KB	78ms
3654.f8eb032d.js	200	open.spotifycdn.com	32.9KB	9ms
xpui-routes-your-library-x...	200	open.spotifycdn.com	4.35KB	9ms
home-v2.78911bfa.css	200	open.spotifycdn.com	3.58KB	6ms
home-v2.78911bfa.js	200	open.spotifycdn.com	11.5KB	7ms
styles__ltr.css	200	gstatic.com	24.0KB	50ms
recaptcha__en.js	200	gstatic.com	201KB	98ms
lslk14omNJSBVduM3V-c...	200	google.com	7.30KB	21ms
cast_framework.js	200	gstatic.com	11.9KB	48ms
cast_sender.js	200	gstatic.com	15.0KB	33ms
50da44be-0564-43df-b139...	200	cdn.cookielaw.org	2.31KB	71ms
gtm.js?id=GTM-PZHN3VD	200	googletagmanager.c...	107KB	123ms
webworker.js?hl=en&v=V...	200	google.com	133B	25ms
ylx-row-placeholder.7dd0...	200	open.spotifycdn.com	1.69KB	17ms
OPTIONS clienttoken	200	clienttoken.spotify.com	0	63ms
POST clienttoken	200	clienttoken.spotify.com	441B	121ms
location	200	geolocation.onetrust....	315B	52ms
application-certificate	200	spclient.wg.spotify.com	732B	88ms
manifest-web-player.1609...	200	open.spotifycdn.com	393B	16ms
otBannerSdk.js	200	cdn.cookielaw.org	102KB	22ms
Spotify_256.17e41e58.png	200	open.spotifycdn.com	10.5KB	24ms
config?market=CA	400	spclient.wg.spotify.com	128B	127ms

Request	Status	Domain	Size	Time
OPTIONS config?market=...	200	spclient.wg.spotify.com	0	54ms
bandwidth_sampling_dat...	206	web-sdk-assets.spoti...	1B	76ms
favicon.0f31d2ea.ico	200	open.spotifycdn.com	4.05KB	6ms
en.json	200	cdn.cookielaw.org	22.4KB	25ms
bandwidth_sampling_dat...	206	web-sdk-assets.spoti...	684KB	73ms
masthead?market=ca&la...	200	spotify.com	1.97KB	91ms
js?id=G-ZWG1NSHWD8&l...	200	googletagmanager.c...	93.2KB	45ms
analytics.js	200	google-analytics.com	20.5KB	99ms
sync.min.js	200	pixel-static.spotify.com	1.98KB	78ms
core.js	200	s.pinimg.com	1.84KB	177ms
uwt.js	200	static.ads-twitter.com	15.1KB	101ms
insights.js?k=040e3997-2...	200	fastly-insights.com	7.88KB	67ms
otFlat.json	200	cdn.cookielaw.org	2.95KB	25ms
otPcCenter.json	200	cdn.cookielaw.org	12.4KB	22ms
otCommonStyles.css	200	cdn.cookielaw.org	3.84KB	23ms
b?c1=2&c2=15654041&ns...	302	sb.scorecardresearc...	0	101ms
cs.js	302	sb.scorecardresearc...	0	31ms
b2?c1=2&c2=15654041&n...	204	sb.scorecardresearc...	226B	25ms
cs.js	200	sb.scorecardresearc...	383B	17ms
ot_close.svg	200	cdn.cookielaw.org	599B	19ms
ot_guard_logo.svg	200	cdn.cookielaw.org	494B	19ms
ot_company_logo.png	200	cdn.cookielaw.org	3.94KB	40ms
powered_by_logo.svg	200	cdn.cookielaw.org	2.15KB	18ms
OPTIONS query?operatio...	200	api-partner.spotify.com	0	73ms
query?operationName=h...	200	api-partner.spotify.com	191B	201ms
query?operationName=h...	200	api-partner.spotify.com	10.9KB	399ms
OPTIONS query?operatio...	200	api-partner.spotify.com	0	73ms
query?operationName=fe...	200	api-partner.spotify.com	177B	148ms
OPTIONS query?operatio...	200	api-partner.spotify.com	0	73ms
sync?ce=1&pp=	200	pixel.spotify.com	187B	78ms
040e3997-282c-4275-ba9b...	200	fastly-insights.com	18.9KB	76ms
adsct?bci=3&eci=2&even...	200	t.co	43B	101ms
adsct?bci=3&eci=2&even...	200	analytics.twitter.com	43B	105ms
main.3a9fb94c.js	200	s.pinimg.com	19.5KB	23ms
event?d_cid=257894%250...	200	spotify.demdex.net	59B	71ms
466206.gif?partner_uid=e...	307	idsync.rlcdn.com	0	103ms
o.svg?u=ea40135f-acb8-4...	200	yyc-v4.pops.fastly-in...	1.28KB	93ms
user?tid=2612810699919...	200	ct.pinterest.com	187B	107ms
ab67616100005174e672b5...	200	i.scdn.co	15.5KB	215ms
ab67616100005174429338...	200	i.scdn.co	19.8KB	217ms
ab67616100005174214f3c...	200	i.scdn.co	24.1KB	195ms
ab6761610000517499e4fc...	200	i.scdn.co	28.1KB	215ms
ab67616100005174247f44...	200	i.scdn.co	25.3KB	213ms
ab67616d00001e028ecc33...	200	i.scdn.co	10.5KB	203ms
ab67616d00001e02a46b0...	200	i.scdn.co	20.0KB	183ms
ab67616d00001e02705079...	200	i.scdn.co	29.7KB	183ms
ab67616d00001e02157269...	200	i.scdn.co	23.4KB	180ms
ab67616d00001e02881d8...	200	i.scdn.co	8.01KB	177ms
en-GB	200	seeded-session-ima...	30.9KB	74ms
en-GB	200	seeded-session-ima...	32.5KB	73ms
en-GB	200	seeded-session-ima...	27.5KB	75ms
en-GB	200	seeded-session-ima...	28.8KB	122ms
en-GB	200	seeded-session-ima...	24.4KB	121ms
region_global_default.jpg	200	charts-images.scdn.co	45.8KB	170ms
region_us_default.jpg	200	charts-images.scdn.co	46.8KB	169ms
region_global_default.jpg	200	charts-images.scdn.co	21.0KB	171ms
region_us_default.jpg	200	charts-images.scdn.co	17.1KB	170ms
region_global_default.jpg	200	charts-images.scdn.co	24.6KB	171ms
ab67706f00000002b55b60...	200	i.scdn.co	36.3KB	193ms
ab67706f00000002d8fe1c...	200	i.scdn.co	30.4KB	194ms
ab67706f00000002d28867...	200	i.scdn.co	28.7KB	194ms
ab67706f0000000263ef64...	200	i.scdn.co	24.8KB	214ms

Request	Status	Domain	Size	Time
ab67706f000000028d2c0f...	200	i.scdn.co	29.9KB	214ms
ab67656300005f1f20741e...	200	i.scdn.co	39.7KB	214ms
ab67656300005f1fd2f7273...	200	i.scdn.co	37.0KB	203ms
ab67656300005f1f77d267...	200	i.scdn.co	33.9KB	204ms
ab67656300005f1f1426bf2...	200	i.scdn.co	29.4KB	204ms
ab67656300005f1fa3ccdbf...	200	i.scdn.co	42.8KB	204ms
ab67656300005f1f7f160a6...	200	i.scdn.co	44.7KB	205ms
ab67656300005f1ff7eb452...	200	i.scdn.co	43.0KB	205ms
ab67656300005f1fc67d10...	200	i.scdn.co	44.4KB	205ms
ab67656300005f1f099a35...	200	i.scdn.co	42.5KB	205ms
ab67656300005f1fc05afc5...	200	i.scdn.co	18.1KB	205ms
1000.gif?memo=CJ66HBI...	307	idsync.rlcdn.com	0	74ms
v3?tid=2612810699919&p...	(canceled)	ct.pinterest.com	0	377ms
token_create.js	(blocked)	ct.pinterest.com	0	0ms
ct.html	200	ct.pinterest.com	323B	128ms
sync?pid=5324&it=1&iv=...	200	pippio.com	42B	141ms
l	200	ea40135f-acb8-4fd5-...	1.08KB	125ms
query?operationName=fe...	200	api-partner.spotify.com	177B	76ms
POST b?k=040e3997-282...	204	fastly-insights.com	0	42ms
o.svg?u=ea40135f-acb8-4...	200	pdx-v4.pops.fastly-in...	1.28KB	76ms
POST b?k=040e3997-282...	204	fastly-insights.com	0	15ms
o.svg?u=ea40135f-acb8-4...	200	kpdk-v4.pops.fastly-i...	1.29KB	219ms
POST b?k=040e3997-282...	204	fastly-insights.com	0	7ms
o.svg?u=ea40135f-acb8-4...	200	kdal-v4.pops.fastly-i...	1.29KB	170ms
POST b?k=040e3997-282...	204	fastly-insights.com	0	7ms
o.svg?u=ea40135f-acb8-4...	200	astral-v4.pops.fastly-...	1.28KB	25ms
POST b?k=040e3997-282...	204	fastly-insights.com	0	8ms
o.svg?u=ea40135f-acb8-4...	200	den-v4.pops.fastly-in...	1.28KB	114ms
POST b?k=040e3997-282...	204	fastly-insights.com	0	7ms
o.svg?u=ea40135f-acb8-4...	200	krnt-v4.pops.fastly-in...	1.29KB	29ms
POST b?k=040e3997-282...	204	fastly-insights.com	0	6ms
o.svg?u=ea40135f-acb8-4...	200	bare-v4.pops.fastly-i...	1.29KB	35ms
POST b?k=040e3997-282...	204	fastly-insights.com	0	8ms
o.svg?u=ea40135f-acb8-4...	200	eze-v4.pops.fastly-in...	1.28KB	628ms
POST events	200	guc3-spclient.spotify....	39B	139ms
OPTIONS events	200	guc3-spclient.spotify....	0	64ms
POST events	200	guc3-spclient.spotify....	122B	151ms
OPTIONS events	200	guc3-spclient.spotify....	0	66ms
POST b?k=040e3997-282...	204	fastly-insights.com	0	7ms
o.svg?u=ea40135f-acb8-4...	200	yyz-v4.pops.fastly-in...	1.28KB	196ms
POST b?k=040e3997-282...	204	fastly-insights.com	0	7ms
query?operationName=fe...	200	api-partner.spotify.com	177B	69ms
POST events	200	guc3-spclient.spotify....	105B	82ms
query?operationName=fe...	200	api-partner.spotify.com	177B	64ms
POST events	200	guc3-spclient.spotify....	58B	170ms
POST events	200	guc3-spclient.spotify....	58B	78ms
POST events	200	guc3-spclient.spotify....	58B	97ms
POST events	200	guc3-spclient.spotify....	58B	316ms

163 Requests   5.15MB (14.8MB Uncompressed)   11.7s (Onload 2.3s)

1.5s	2.9s	4.4s	5.8s	7.3s	8.8s	10.2s	11.7s

TTFB: 88ms
Redirect: 0ms
Connect: 18ms
Backend: 70ms

Onload Time: 2.3s

Time to Interactive: 4.6s

Largest Contentful Paint: 4.7s

Fully Loaded Time: 11.7s

First Contentful Paint: 1.5s

Performance Metrics

First Contentful Paint

How quickly content like text or images are painted onto your page. A good user experience is 0.9s or less.

Longer than recommended

1.5s

Time to Interactive

How long it takes for your page to become fully interactive. A good user experience is 2.5s or less.

Much longer than recommended

4.6s

Speed Index

How quickly the contents of your page are visibly populated. A good user experience is 1.3s or less.

Much longer than recommended

2.9s

Total Blocking Time

How much time is blocked by scripts during your page loading process. A good user experience is 150ms or less.

Much longer than recommended

1.0s

Largest Contentful Paint

How long it takes for the largest element of content (e.g. a hero image) to be painted on your page. A good user experience is 1.2s or less.

Much longer than recommended

4.7s

Cumulative Layout Shift

How much your page's layout shifts as it loads. A good user experience is a score of 0.1 or less.

Much more than recommended

0.4

Browser Timings

Redirect	0ms	Connect	18ms	Backend	70ms
TTFB	88ms	First Paint	1.1s	DOM Int.	1.2s
DOM Loaded	1.3s	Onload	2.3s	Fully Loaded	11.7s

IMPACT	AUDIT	
High	**Avoid enormous network payloads** `LCP`	Total size was 5.18MB
Med	**Avoid an excessive DOM size** `TBT`	1,604 elements
Med	**Avoid long main-thread tasks** `TBT`	20 long tasks found
Med	**Avoid large layout shifts** `CLS`	2 elements found
Med-Low	**Reduce JavaScript execution time** `TBT`	2.9s spent executing JavaScript
Med-Low	**Serve static assets with an efficient cache policy**	Potential savings of 256KB
Med-Low	**Use a Content Delivery Network (CDN)**	9 resources found
Low	**Allow back/forward cache restoration**	2 failure reasons
Low	**Avoid chaining critical requests** `FCP` `LCP`	6 chains found
Low	**Enable text compression** `FCP` `LCP`	Potential savings of 16.2KB
Low	**Properly size images**	Potential savings of 703KB
Low	**Efficiently encode images**	Potential savings of 188KB
Low	**Reduce unused CSS** `FCP` `LCP`	Potential savings of 105KB
Low	**Serve images in next-gen formats**	Potential savings of 546KB
Low	**Defer offscreen images**	Potential savings of 6.09KB
Low	**Avoid non-composited animations** `CLS`	3 animated elements found
Low	**Reduce unused JavaScript** `LCP`	Potential savings of 1.70MB
N/A	**Largest Contentful Paint element** `LCP`	4,660 ms
N/A	**Eliminate render-blocking resources** `FCP` `LCP`	Potential savings of 0 ms
N/A	**Reduce initial server response time** `FCP` `LCP`	Root document took 69ms
N/A	**Avoid serving legacy JavaScript to modern browsers** `TBT`	Potential savings of 7.02KB
N/A	**Minimize main-thread work** `TBT`	Main-thread busy for 4.8s
N/A	**User Timing marks and measures**	2 user timings

N/A	**Reduce the impact of third-party code** TBT	Third-party code blocked the main thread for 955ms