# **Executive Summary**



# Performance Report for:

https://www.tesla.com/drive

Report generated: Fri, Sep 6, 2024 9:43 AM -0700

Using: Chrome 117.0.0.0, Lighthouse 11.0.0

C

Performance

69%

Structure

85%

L. Contentful Paint

1.3s

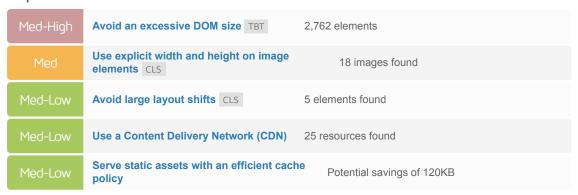
T. Blocking Time

267ms

C. Layout Shift

0.31

# Top Issues



#### Focus on these audits first

These audits likely have the largest impact on your page performance.

Structure audits do not directly affect your Performance Score, but improving the audits seen here can help as a starting point for overall performance gains.

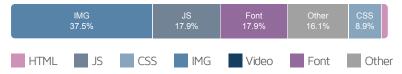
# Page Details

2.1s Fully Loaded Time

# Total Page Size - 1.89MB



#### Total Page Requests - 56



## How does this affect me?

Modern web users have a short attention span and expect a fast and seamless website experience. Delivering that fast experience can result in more traffic, more conversions, and more happiness.

As if you didn't need more incentive, Google use Page Speed and Page Experience (including Web Vitals) signals in their ranking algorithm.

### About GTmetrix



GTmetrix was developed as a tool for customers to easily test the performance of their webpages.

Learn more about us.



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.

# Schedule a Demo Drive | Tesla

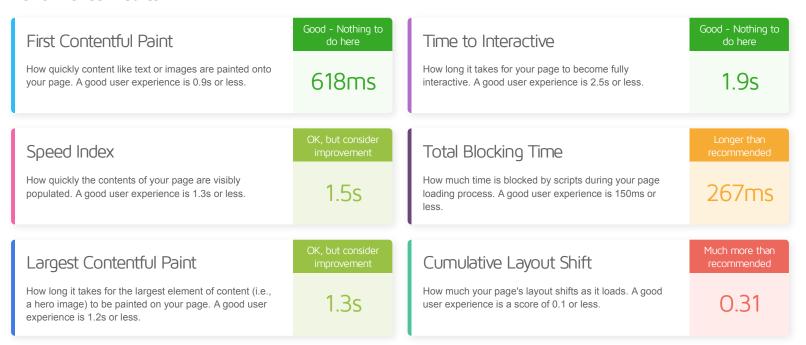
												1
drive	200	tesla.com	14.5KB	60ms								
main.9451a23c.css	200	cua-test-drive-ui.tesl	7.26KB	79ms								
index.css	200	digitalassets.tesla.com	37.3KB	61ms								
header.bundle.css	200	tesla.com	3.70KB	78ms								
location-script.js	200	digitalassets.tesla.com	3.25KB	65ms								
main.81da8ec3.js	200	cua-test-drive-ui.tesl	381KB	103ms								
chat-loader.js	200	cua-chat-ui.tesla.com	966B	133ms								
header.bundle.js	200	tesla.com	90.0KB	86ms								
cookie-banner.js	200	digitalassets.tesla.com	8.54KB	65ms								
Noto-Sans-KR.css	200	digitalassets.tesla.com	21.3KB	11ms								
gtm.js?id=GTM-KMG5DM	200	googletagmanager.c	127KB	73ms								
boomerang.min.js	(canceled	d) tesla.com	323B	197ms								
country-data?locale=en_US	200	tesla.com	2.10KB	711	ms							
Universal-Sans-Text-Reg	200	digitalassets.tesla.com	37.4KB			182ms						
Universal-Sans-Text-Medi	200	digitalassets.tesla.com	38.0KB			139ms						
Universal-Sans-Display-M	200	digitalassets.tesla.com	37.1KB			153ms						
TD_MY_Desktop.jpg	200	digitalassets.tesla.com	135KB		23r	18						
TD_confirmation_Model3	200	digitalassets.tesla.com	28.8KB		12m	S						
TD_confirmation_existing	200	digitalassets.tesla.com	57.7KB		15n	)S						
TD_confirmation_videoG	200	digitalassets.tesla.com	5.75KB		10m	S						
boomerang.min.js	(canceled	d) tesla.com	0				76ms					
POST landing?gcs=G111	302	google.com	42B				69ms					
js?id=G-KFP8T9JWYJ&l=	200	googletagmanager.c	102KB				4ms					
v1_2	200	tesla.com	4.23KB				22ms					
POST get-chat-init-configs	200	tesla.com	216B				213	ms				
city	200	location-services-prd	1.19KB						355	ms		
landing?gcs=G111&gcd=	200	googleads.g.doublec	42B				73ms					
Mega-Menu-Vehicles-Mod	200	digitalassets.tesla.com	30.2KB				_		22ms			
Mega-Menu-Vehicles-Mod	200	digitalassets.tesla.com	21.0KB						24ms			
Mega-Menu-Vehicles-Mod	200	digitalassets.tesla.com	24.2KB						23ms			
Mega-Menu-Vehicles-Mod	200	digitalassets.tesla.com	24.9KB						24ms			
Mega-Menu-Vehicles-Cyb	200	digitalassets.tesla.com	17.8KB						25ms			
Mega-Menu-Vehicles-HM	200	digitalassets.tesla.com	53.5KB						24ms			
Mega-Menu-Energy-Solar	200	digitalassets.tesla.com	19.0KB						26ms			
Mega-Menu-Energy-Solar	200	digitalassets.tesla.com	29.1KB						27ms			
Mega-Menu-Energy-Powe	200	digitalassets.tesla.com	4.37KB						25ms			
Mega-Menu-Energy-Mega	200	digitalassets.tesla.com	10.6KB						26ms			
Mega-Menu-Charging-Ch	200	digitalassets.tesla.com	11.4KB						46ms			
Mega-Menu-Charging-Ho	200	digitalassets.tesla.com	5.08KB						28ms			
Mega-Menu-Charging-Su	200	digitalassets.tesla.com	13.4KB						45ms			
Mega-Menu-Shop-Chargi	200	digitalassets.tesla.com	5.08KB						43ms			
Mega-Menu-Shop-Vehicle	200	digitalassets.tesla.com	52.1KB						44ms			
Mega-Menu-Shop-Appare	200		27.5KB						28ms			
Mega-Menu-Shop-Lifestyl	200	digitalassets.tesla.com digitalassets.tesla.com	12.9KB						28ms			
Noto-Sans-Hebrew.woff2									201113	138ms		
Noto-Sans-Arabic.woff2	200	digitalassets.tesla.com	16.2KB 67.5KB							140ms		
	200	digitalassets.tesla.com										
Noto-Sans-Thai.woff2	200	digitalassets.tesla.com	25.7KB							99ms		
PbykFmXiEBPT4ITbgNA5	200	fonts.gstatic.com	14.2KB							130ms		
PbykFmXiEBPT4ITbgNA5	200	fonts.gstatic.com	13.9KB							144ms		
PbykFmXiEBPT4ITbgNA5	200	fonts.gstatic.com	15.6KB							143ms		
Noto-Sans-Greek.woff2	200	digitalassets.tesla.com	23.0KB							86ms	000	
manifest.json	200	cua-chat-ui.tesla.com	1.29KB							· ·	280ms	
favicon.ico	200	tesla.com	902B							23ms		

56 Requests 1.89MB (5.18MB Uncompressed)		Fully Loaded 2.1s (Onload 1.1s)				
POST check-availability-v2	200	tesla.com	2.31KB			210ms
index-De7Tkl4T.css	200	cua-chat-ui.tesla.com	1.65KB		25ms	
index-D0-ZkEua.js	200	cua-chat-ui.tesla.com	241KB		45ms	





### Performance Metrics



# **Browser Timings**

Redirect	Oms	Connect	38ms	Backend	21ms
TTFB	59ms	First Paint	618ms	DOM Int.	778ms
DOM Loaded	780ms	Onload	1.1s	Fully Loaded	2.1s





IMPACT	AUDIT	
Med-High	Avoid an excessive DOM size TBT	2,762 elements
Med	Use explicit width and height on image elements CLS	18 images found
Med-Low	Avoid large layout shifts CLS	5 elements found
Med-Low	Use a Content Delivery Network (CDN)	25 resources found
Med-Low	Serve static assets with an efficient cache policy	Potential savings of 120KB
Med-Low	Avoid CSS @import FCP LCP	1 resource found
Low	Allow back/forward cache restoration	1 failure reason
Low	Avoid long main-thread tasks TBT	8 long tasks found
Low	Reduce JavaScript execution time TBT	858ms spent executing JavaScript
Low	Avoid chaining critical requests FCP LCP	16 chains found
Low	Avoid enormous network payloads LCP	Total size was 1.90MB
Low	Reduce unused JavaScript LCP	Potential savings of 301KB
Low	Avoid non-composited animations CLS	2 animated elements found
Low	Reduce unused CSS FCP LCP	Potential savings of 52.0KB
Low	Properly size images	Potential savings of 452KB
Low	Preload Largest Contentful Paint image LCP	26ms
Low	Ensure text remains visible during webfont load FCP LCP	4 fonts found
Low	Defer offscreen images	Potential savings of 454KB
Low	Minify CSS FCP LCP	Potential savings of 7.52KB
N/A	Largest Contentful Paint element LCP	1,300 ms
N/A	Minimize main-thread work TBT	Main-thread busy for 1.6s
N/A	Reduce initial server response time FCP LCP	Root document took 20ms
N/A	Eliminate render-blocking resources FCP LCP	Potential savings of 0 ms

N/A	Reduce the impact of third-party code TBT	Third-party code blocked the main thread for 45ms
N/A	Avoid serving legacy JavaScript to modern browsers TBT	Potential savings of 101B
N/A	User Timing marks and measures	