

[your browser](#)[news](#)[other browsers](#)[device lab](#)[compare](#)[about the test](#)

## THIS BROWSER SCORED

# 152

## OUT OF 555 POINTS

This score was recorded using an Amazon Kindle 3 or later

[Related results...](#)[Compare to...](#)[Share](#)[Donate](#)

 semantics

## Parsing rules

5

`<!DOCTYPE html>` triggers standards mode Yes ✓

HTML5 tokenizer Yes ✓

HTML5 tree building Yes ✓

*HTML5 defines rules for embedding SVG and MathML inside a regular HTML document. The following tests only check if the browser is following the HTML5 parsing rules for inline SVG and MathML, not if the browser can actually understand and render it.*

Parsing inline SVG Yes ✓

Parsing inline MathML Yes ✓

Embedding custom non-visible data Yes ✓

#### New or modified elements

- ▶ Section elements No ✗
- ▶ Grouping content elements No ✗
- ▶ Text-level semantic elements No ✗
- ▶ Interactive elements Partial ○

#### Global attributes or methods

- hidden attribute Yes ✓
- ▶ Dynamic markup insertion Yes ✓

#### Field types

- ▶ `input type=text` Partial ○
- ▶ `input type=search` Yes ✓
- ▶ `input type=tel` Yes ✓
- ▶ `input type=url` Yes ✓
- ▶ `input type=email` Yes ✓
- ▶ `input type=date` Partial ○
- ▶ `input type=month` Partial ○
- ▶ `input type=week` Partial ○
- ▶ `input type=time` Partial ○
- ▶ `input type=datetime-local` Partial ○
- ▶ `input type=number` Yes ✓
- ▶ `input type=range` Yes ✓
- ▶ `input type=color` Partial ○
- ▶ `input type=checkbox` Yes ✓
- ▶ `input type=image` Partial ○
- ▶ `input type=file` Partial ○
- ▶ `textarea` Partial ○
- ▶ `select` Yes ✓
- ▶ `fieldset` Partial ○

▶ datalist	Partial	○
▶ output	Yes	✓
▶ progress	Yes	✓
▶ meter	Yes	✓
<b>Fields</b>		
▶ Field validation	Yes	✓
▶ Association of controls and forms	Yes	✓
▶ Other attributes	Partial	○
▶ CSS selectors	Yes	✓
▶ Events	Yes	✓
<b>Forms</b>		
▶ Form validation	Yes	✓

## Web Components

0/10

Custom elements	No	✗
Shadow DOM	No	✗
HTML templates	No	✗
HTML imports	No	✗

## device access

### Location and Orientation

0/20

Geolocation	No	✗
Device Orientation	No	✗
Device Motion	No	✗

### Output

3/10

Full screen support	Prefixed	✓
Web Notifications	No	✗

### Innput

0/10

## Input

0/10

Gamepad control	No	✗
Pointer Events	No	✗
Pointer Lock support	No	✗

## connectivity

## Communication

13/40

Server-Sent Events	No	✗
Beacon	No	✗
Fetch	No	✗
<b>XMLHttpRequest Level 2</b>		
Upload files	Yes	✓
▶ Response type support	Partial	○
<b>WebSocket</b>		
Basic socket communication	Partial	○
ArrayBuffer and Blob support	No	✗

## Streams

0/6

Readable streams	No	✗
Writable streams	No	✗

## Peer To Peer

0/45

### Connectivity

WebRTC 1.0	No	✗
ObjectRTC API for WebRTC	No	✗
Data channel	No	✗

### Input

Access the webcam	No	✗
Screen Capture	No	✗
Enumerate devices	No	✗

## Recording

Media Stream recorder

No ✕

# performance & integration

## User interaction

2/20

### Drag and drop

▶ Attributes

No ✕

▶ Events

No ✕

### HTML editing

▶ Editing elements

No ✕

▶ Editing documents

No ✕

▶ CSS selectors

No ✕

▶ APIs

No ✕

### Clipboard

Clipboard API and events

No ✕

### Spellcheck

spellcheck attribute

Yes ✓

## Performance

10/12

### Workers

Web Workers

Yes ✓

Shared Workers

No ✕

### Other

window.requestIdleCallback

No ✕

## Security

10/32

Web Cryptography API

No ✕

Content Security Policy 1

No ✕

Content Security Policy 2

No ✕

Cross-Origin Resource Sharing	Yes ✓
Subresource Integrity	No ✗
Cross-document messaging	Yes ✓
<b>Authentication</b>	
Web Authentication / FIDO 2	No ✗
Credential Management	No ✗
<b>Iframes</b>	
Sandboxed <code>iframe</code>	Yes ✓
<code>iframe</code> with inline contents	No ✗

## Payments 0/5

Web Payments	No ✗
--------------	------

## multimedia

## Video 0/33

<code>video</code> element	No ✗
Subtitles	No ✗
Audio track selection	No ✗
Video track selection	No ✗
Poster images	No ✗
Codec detection	No ✗
<b>Video codecs</b>	
MPEG-4 ASP support	No ✗
H.264 support	No ✗
H.265 support	No ✗
Ogg Theora support	No ✗
WebM with VP8 support	No ✗
WebM with VP9 support	No ✗

## Audio 0/30

audio element	No	✗
Loop audio	No	✗
Preload in the background	No	✗
<b>Advanced</b>		
Web Audio API	No	✗
Speech Recognition	No	✗
Speech Synthesis	No	✗
<b>Audio codecs</b>		
PCM audio support	No	✗
MP3 support	No	✗
AAC support	No	✗
Dolby Digital support	No	✗
Dolby Digital Plus support	No	✗
Ogg Vorbis support	No	✗
Ogg Opus support	No	✗
WebM with Vorbis support	No	✗
WebM with Opus support	No	✗

## Streaming

0/5

Media Source extensions	No	✗
DRM support	No	✗
<b>Adaptive bit rate</b>		
Dynamic Adaptive Streaming / MPEG-DASH	No	✗
HTTP Live Streaming / HLS	No	✗
<b>Codecs</b>		
▶ Video codecs	No	✗
▶ Audio codecs	No	✗

 3d, graphics & effects

## Responsive images

0/15

picture element	No	✗
srcset attribute	No	✗
sizes attribute	No	✗

## 2D Graphics

12/25

Canvas 2D graphics	Yes	✓
<b>Drawing primitives</b>		
Text support	Yes	✓
Path support	No	✗
Ellipse support	No	✗
Dashed line support	No	✗
System focus ring support	No	✗
<b>Features</b>		
Hit testing support	No	✗
Blending modes	No	✗
<b>Image export formats</b>		
PNG support	No	✗
JPEG support	No	✗
JPEG-XR support	No	✗
WebP support	No	✗

## 3D and VR

0/23

<b>3D Graphics</b>		
WebGL	No	✗
WebGL 2	No	✗
<b>VR Headset</b>		
WebVR	No	✗

## Animation

0/8

Web Animations API	No	✗
<code>window.requestAnimationFrame</code>	No	✗



## Web applications

3/17

### Offline resources

Application Cache	Yes	✓
Service Workers	No	✗
Push Messages	No	✗

### Content and Scheme handlers

Custom scheme handlers	No	✗
Custom content handlers	No	✗

## Storage

15/35

### Key-value storage

Session Storage	Yes	✓
Local Storage	Yes	✓

### Database storage

IndexedDB	No	✗
Objectstore B1ob support	No	✗
Objectstore ArrayBuffer support	No	✗

*The Web SQL Database specification is no longer being updated and has been replaced by IndexedDB. Because at least 3 vendors have shipped implementations of this specification we still include it in this test.*

Web SQL Database	Yes	✓
------------------	-----	---

## Files

13/15

### Reading files

Basic support for reading files	Yes	✓
Create a B1ob from a file	Yes	✓
Create a Data URL from a B1ob	Yes	✓
Create an ArrayBuffer from a B1ob	Yes	✓

Create a Blob URL from a Blob	No ✗
<b>Accessing the file system</b>	
FileSystem API	No ✗
<i>The Directories and System API proposal has failed to gain traction among browser vendors and is only supported in some Webkit based browsers. No additional points are awarded for supporting this API.</i>	
File API: Directories and System	No ✗

## other

# Scripting

8/30

### Script execution

Asynchronous script execution	Yes ✓
Deferred script execution	Yes ✓
Script execution events	No ✗
Runtime script error reporting	Yes ✓

### ECMAScript 5

JSON encoding and decoding	Yes ✓
----------------------------	-------

### ECMAScript 6

Modules	No ✗
Classes	No ✗
Arrow functions	No ✗
Promises	No ✗
Template strings	No ✗
Typed arrays	No ✗
Internationalization	No ✗

### ECMAScript 7

Async and Await	No ✗
-----------------	------

### Other API's

Base64 encoding and decoding	Yes ✓
Mutation Observer	No ✗
URL API	No ✗

## Other

7/9

Session history	Yes ✓
Page Visibility	No ✕
Text selection	Yes ✓
Scroll into view	Yes ✓

Created by Niels Leenheer.

Please note that the HTML5 test is not affiliated with the W3C or the HTML5 working group.

HTML5 Logo by [W3C](#). Browser detection by [WhichBrowser](#).

---

**CloudVPS**

High Availability

Cloud Servers