HTML5 TEST how well does your browser support html5?

your browser other browsers compare news device lab about the test

THIS BROWSER SCORED 320 OUT OF 555 POINTS

This score was recorded using a Tesla Model S ▼

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semantics

Parsing rules 5

`<!DOCTYPE html>` triggers standards mode	Yes ✓
HTML5 tokenizer	Yes ✓
HTML5 tree building	Yes ✓

Parsing rules 5

HTML 5 defines rules for embedding SVG and MathML inside a regular

multimedia

Video 0/33

`video` element	No ✗
Subtitles	No ✗
Audio track selection	✗
Video track selection	✗

Video 0/33

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 ✓

Elements 25/30

Embedding custom non-visible data	Yes ✓

New or modified elements

▶ Section elements	Yes ✓
▶ Grouping content elements	Yes ✓
▶ Text-level semantic elements	Partial ○
▶ Interactive elements	Partial ○

Global attributes or methods

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

Forms 55/65

Field types

▶ `input type=text`	Yes ✓
▶ `input type=search`	Yes ✓
▶ `input type=tel`	Yes ✓
▶ `input type=url`	Yes ✓
▶ `input type=email`	Yes ✓
▶ `input type=date`	Yes ✓
▶ `input type=month`	Yes ✓

Forms 55/65

Poster images	No ✗
Codec detection	No ✗

Video codecs

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 ✗

Advanced

Web Audio API	No ✗
Speech Recognition	No ✗
Speech Synthesis	No ✗

Audio codecs

PCM audio support	No ✗
MP3 support	No ✗
AAC support	No ✗
Dolby Digital support	No ✗
Dolby Digital Plus support	No ✗
Ogg Vorbis support	No ✗

Audio 0/30

▶ `input type=week`	No ✗
▶ `input type=time`	Yes ✓
▶ `input type=datetime-local`	Yes ✓
▶ `input type=number`	Yes ✓
▶ `input type=range`	Yes ✓
▶ `input type=color`	No ✗
▶ `input type=checkbox`	Yes ✓
▶ `input type=image`	Yes ✓
▶ `input type=file`	Partial ○
▶ `textarea`	Yes ✓
▶ `select`	Yes ✓
▶ `fieldset`	Yes ✓
▶ `datalist`	No ✗
▶ `output`	Yes ✓
▶ `progress`	Yes ✓
▶ `meter`	Yes ✓

Fields

▶ Field validation	Yes ✓
▶ Association of controls and forms	Yes ✓
▶ Other attributes	Yes ✓
▶ CSS selectors	Yes ✓
▶ Events	Yes ✓

Forms

▶ Form validation	Yes ✓

Web Components 6/10

Ogg Opus support	No ✗
WebM with Vorbis support	No ✗
WebM with Opus support	No ✗

Streaming 0/5

Media Source extensions	No ✗
DRM support	No ✗

Adaptive bit rate

Dynamic Adaptive Streaming / MPEG-DASH	No ✗
HTTP Live Streaming / HLS	No ✗

Codecs

▶ Video codecs	No ✗
▶ Audio codecs	No ✗

3d, graphics & effects

Responsive images 15

`picture` element	Yes ✓
`srcset` attribute	Yes ✓
`sizes` attribute	Yes ✓

2D Graphics 24/25

2D Graphics 24/25

Canvas 2D graphics	✓

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

device access

Location and Orientation 15/20

Geolocation	Yes ✓
Device Orientation	No ✗
Device Motion	No ✗

Output 0/10

Full screen support	No ✗
Web Notifications	No ✗

Input 0/10

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

connectivity

Drawing primitives

Text support	Yes ✓
Path support	Yes ✓
Ellipse support	Yes ✓
Dashed line support	Yes ✓
System focus ring support	Yes ✓

Features

Hit testing support	No ✗
Blending modes	Yes ✓

Image export formats

PNG support	Yes ✓
JPEG support	No ✗
JPEG-XR support	No ✗
WebP support	No ✗

3D and VR 0/23

3D Graphics

WebGL	No ✗
WebGL 2	No ✗

VR Headset

WebVR	No ✗

Animation 5/8

Animation 5/8

Web Animations API	No ✗

connectivity

Communication 38/40

Server-Sent Events	Yes ✓
Beacon	No ✗
Fetch	Yes ✓
XMLHttpRequest Level 2	
Upload files	Yes ✓
▶ Response type support	Yes ✓
WebSocket	
Basic socket communication	Yes ✓
`ArrayBuffer` and `Blob` support	Yes ✓

Streams 4/6

Readable streams	Yes ✓
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 ✗

Peer To Peer 0/45

`window.requestAnimationFrame`	Yes ✓

offline & storage

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 35

Key-value storage	
Session Storage	Yes ✓
Local Storage	Yes ✓
Database storage	
IndexedDB	Yes ✓
Objectstore `Blob` support	Yes ✓
Objectstore `ArrayBuffer` support	Yes ✓

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 ✓

Enumerate devices No ✗

Recording

Media Stream recorder No ✗

performance & integration

User interaction 7/20

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 Yes ✓

Spellcheck

`spellcheck` attribute Yes ✓

Performance 10/12

Workers

Web Workers ✓

Files 15

Reading files

Basic support for reading files Yes ✓

Create a `Blob` from a file Yes ✓

Create a Data URL from a `Blob` Yes ✓

Create an `ArrayBuffer` from a `Blob` Yes ✓

Create a Blob URL from a `Blob` Yes ✓

Accessing the file system

FileSystem API No ✗

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.

File API: Directories and System No ✗

other

Scripting 30

Script execution

Asynchronous script execution Yes ✓

Defered script execution Yes ✓

Script execution events No ✗

Runtime script error reporting Yes ✓

ECMAScript 5

JSON encoding and decoding ✓

Shared Workers	No ✗

Other

`window.requestIdleCallback`	No ✗

Security 19/32

Web Cryptography API	No ✗
Content Security Policy 1	Yes ✓
Content Security Policy 2	Yes ✓
Cross-Origin Resource Sharing	Yes ✓
Subresource Integrity	No ✗
Cross-document messaging	Yes ✓

Authentication

Web Authentication / FIDO 2	No ✗
Credential Management	No ✗

Iframes

Sandboxed `iframe`	Yes ✓
`iframe` with inline contents	Yes ✓

Payments 0/5

Web Payments	No ✗

JSON encoding and decoding	Yes ✓

ECMAScript 6

Modules	Yes ✓
Classes	Yes ✓
Arrow functions	Yes ✓
Promises	Yes ✓
Template strings	Yes ✓
Typed arrays	Yes ✓
Internationalization	Yes ✓

ECMAScript 7

Async and Await	Yes ✓

Other API's

Base64 encoding and decoding	Yes ✓
Mutation Observer	Yes ✓
URL API	Yes ✓
Encoding API	Yes ✓

Other 9

Session history	Yes ✓
Page Visibility	Yes ✓
Text selection	Yes ✓
Scroll into view	Yes ✓

CloudVPS

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.

High Availability
Cloud Servers