THE HTML5 TEST – HOW WELL DOES YOUR BROWSER SUPPORT HTML5?

your browser scores

139

AND 4 BONUS POINTS

out of a total of 300 points

Parsing rules   1/11

`<!DOCTYPE html>` triggers standards mode | Yes ✔
HTML5 tokenizer | No ✘
HTML5 tree building | No ✘

HTML5 defines rules for embedding SVG and MathML inside a regular HTML document. Support for SVG and MathML is not required though, so bonus points are awarded if your browser supports embedding these two technologies.

SVG in `text/html` | No ✘
MathML in `text/html` | No ✘

Canvas   20

`canvas` element | Yes ✔
2D context | Yes ✔
Text | Yes ✔

Video   2 bonus points   22/27

`video` element | Yes ✔
Subtitle support | No ✘

Poster image support	Yes ✔

The following tests go beyond the requirements of the HTML5 specification and are not counted towards the total score. If a browser supports one or more video codecs, two bonus points are awarded for each codec.

MPEG-4 support	No ✘
H.264 support	No ✘
Ogg Theora support	Yes ✔
WebM support	No ✘

Audio   2 bonus points   20

`audio` element	Yes ✔

The following tests go beyond the requirements of the HTML5 specification and are not counted towards the total score. If a browser supports one or more audio codecs, one bonus point is awarded for each codec.

PCM audio support	Yes ✔
MP3 support	No ✘
AAC support	No ✘
Ogg Vorbis support	Yes ✔
WebM support	No ✘

Local devices   0/20

`device` element	No ✘

Elements   1/30

Embedding custom non-visible data	No ✘
Section elements	No ✘
Grouping content elements	No ✘
Text-level semantic elements	No ✘
`hidden` attribute	No ✘
Scroll into view	Yes ✔
`contenteditable` attribute	No ✘

Forms   1/38

`input` element types   No ✗

`input` element attributes   1 out of 10

Other form elements   No ✗

Form validation   No ✗

User interaction   15/25

Drag and drop   Yes ✔

Undo history   No ✗

Session history   No ✗

Text selection   Yes ✔

Microdata   0/10

Microdata   No ✗

Web applications   14

Application Cache   Yes ✔

Custom scheme handlers   Yes ✔

Custom content handlers   Yes ✔

Related specifications

Geolocation   10

Geolocation   Yes ✔

WebGL   0/10

3D context   No ✗

Communication   5/25

Cross-document messaging   Yes ✔

WebSocket   No ✗

Server-Sent Events   No ✗

Files   **10**

FileReader API   Yes ✔

Storage   **10/20**

Session Storage   Yes ✔
Local Storage   Yes ✔
IndexedDB   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*The Web SQL Database specification is no longer being updated
and has been replaced by IndexedDB.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
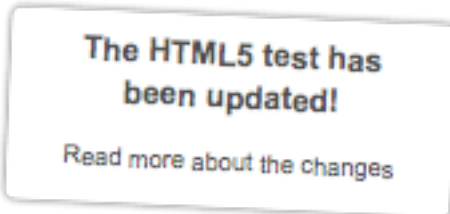in this test.*

Web SQL Database   No ✘

Workers   **10**

Web Workers   Yes ✔

☐ Not available   ☐ Badly

☐ Reasonable   ☐ Good

☐ Great

The HTML5 test score is only
an indication of how well your
browser supports the upcoming
HTML5 standard and related
specifications. It does not try to
test all of the new features

The HTML5 test has
been updated!

Read more about the changes

offered by HTML5, nor does it try to test the functionality of each feature it
does detect. Despite these shortcomings we hope that by quantifying the
level of support users and web developers will get an idea of how hard the
browser manufacturers work on improving their browsers and the web as a
development platform.

The score is calculated by testing for the many new features of HTML5.
Each feature is worth one or more points. Apart from the main HTML5
specification and other specifications created the W3C HTML Working
Group, this test also awards points for supporting related drafts and
specifications. Some of these specifications were initially part of HTML5,
but are now further developed by other W3C working groups. WebGL is
also part of this test despite not being developed by the W3C, because it
extends the HTML5 canvas element with a 3d context.

The test also awards bonus points for supporting audio and video codecs

and supporting SVG or MathML embedding in a plain HTML document. These test do not count towards the total score because HTML5 does not specify any required audio or video codec. Also SVG and MathML are not required by HTML5, the specification only specifies rules for how such content should be embedded inside a plain HTML file.

Please be aware that the specifications that are being tested are still in development and could change before receiving an official status. In the future new tests will be added for the pieces of the specification that are currently still missing. The maximum number of points that can be scored is 300 at this moment, but this is a moving goalpost.

The HTML5 test is being developed at Github. Please file an issue there if you find any bugs or think of any improvements to this test.

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HTML5 test is created by Niels Leenheer. Visit my website at rakaz.nl or follow me on twitter.

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