

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

your browser scores

208

AND 7 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 ✗
<i>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.</i>	
SVG in text/html	No ✗
MathML in text/html	No ✗

## Canvas

20

canvas element	Yes ✓
2D context	Yes ✓
Text	Yes ✓

## Video

4 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 Yes ✓

H.264 support Yes ✓

Ogg Theora support No ✗

WebM support No ✗

## Audio 3 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 Yes ✓

AAC support Yes ✓

Ogg Vorbis support No ✗

WebM support No ✗

## Local devices **0/20**

device element No ✗

## Elements **18/30**

Embedding custom non-visible data No ✗

Section elements Yes ✓

Grouping content elements No ✗

Text-level semantic elements No ✗

hidden attribute No ✗

Scroll into view Yes ✓

contenteditable attribute Yes ✓

**Forms****33/38**

input element types	Yes ✓
input element attributes	9 out of 10
Other form elements	1 out of 5
Form validation	Yes ✓

**User interaction****20/25**

Drag and drop	Yes ✓
Undo history	No ✗
Session history	Yes ✓
Text selection	Yes ✓

**Microdata****0/10**

Microdata	No ✗
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**Web applications****14**

Application Cache	Yes ✓
Custom scheme handlers	Yes ✓
Custom content handlers	Yes ✓

**Related specifications****Geolocation****10**

Geolocation	Yes ✓
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**WebGL****0/10**

3D context	No ✗
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**Communication****25**

Cross-document messaging	Yes ✓
WebSocket	Yes ✓

Server-Sent Events Yes ✓

**Files** 0/10

FileReader API No ✗

**Storage** 15/20

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 Yes ✓

**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 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 HTML5 test has been updated!

[Read more about the changes](#)

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](http://rakaz.nl) or follow me on [twitter](#).

Thanks to Henri Sivonen for allowing me to reuse [his HTML5 parser tests](#) and all other contributors.

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