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Youtube Specifications - 1/2016

Block WEBM in Chrome and Opera Browsers

When you have slow PC or playing 4K video, Google prefer WebM which is not accelerated in most browsers. Here is way how to force H264 playback (accelerated on most platforms).

H264 for Opera

Install this extension: [Download Chrome Extensions](#) and continue to chrome webstore →

```
opera:gpu
```

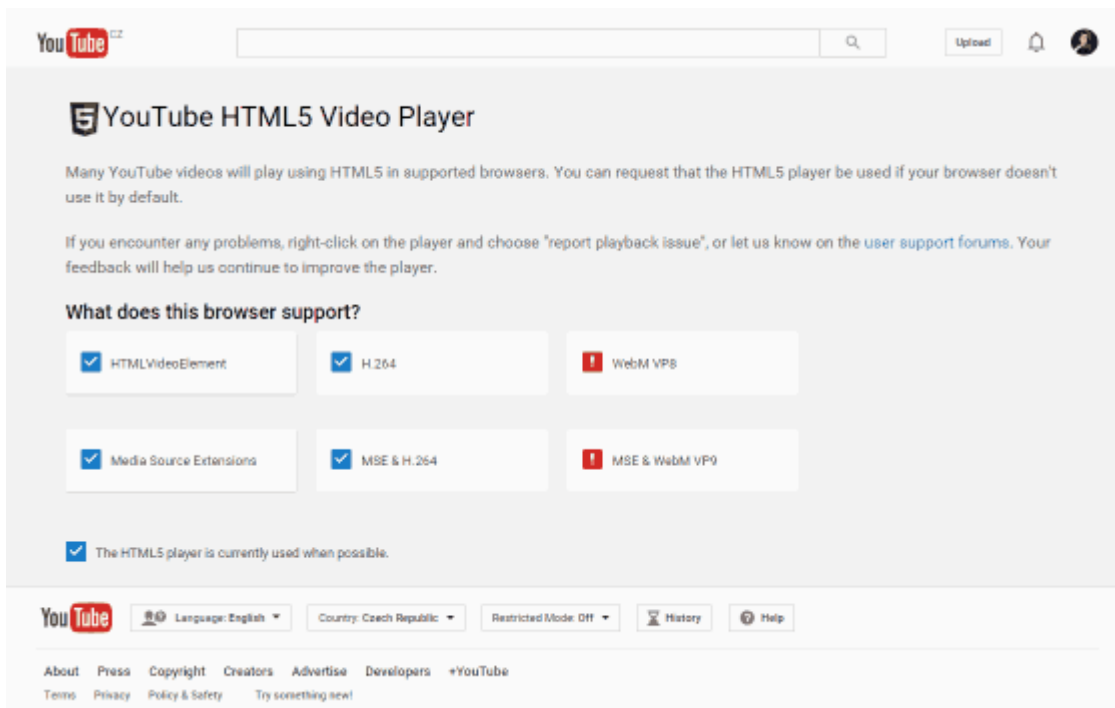
H264 for Chrome

Install this extension: [h264ify for Chrome / Opera / Vivaldi](#)

```
chrome:gpu
```

H264 for Firefox

Install this extension: [h264ify for Firefox](#)



8K (testing only)

| Stream Technical Specifications | | |
|---------------------------------|---------------|-------|
| Resolution | 7680 | 4320p |
| Framerate | ← 30fps | |
| Bitrate | ~12-25 Mbit/s | |
| Compression | H264 | L5.1 |
| Reference Frames | 2 | |
| CABAC | No | |
| Color Range | Limited | |

4K

| Stream Technical Specifications | | |
|---------------------------------|------------|-------|
| Resolution | 3840 | 2160p |
| Framerate | ← 60fps | |
| Bitrate | ~17 Mbit/s | |
| Compression | VP9 | L0 |
| Reference Frames | 2 | |
| CABAC | x | |
| Color Range | Limited | |

4K (deprecated)

| Stream Technical Specifications | | |
|---------------------------------|---------------|-------|
| Resolution | 3840 | 2160p |
| Framerate | ← 30fps | |
| Bitrate | ~12-25 Mbit/s | |
| Compression | H264 | L5.1 |
| Reference Frames | 2 | |
| CABAC | No | |
| Color Range | Limited | |

1080p

| Stream Technical Specifications | | |
|---------------------------------|-------------|-------|
| Resolution | 1920 | 1080p |
| Framerate | ← 60fps | |
| Bitrate | ~2-4 Mbit/s | |
| Compression | H264 | L4.0 |
| Reference Frames | 2-3 | |
| CABAC | Yes | |
| Color Range | Limited | |

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