

ffmpeg cheatsheet

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Common switches

Bitrate

`-codecs` # list codecs
`-c:v` # video codec (-vcodec) - 'copy' to copy stream
`-c:a` # audio codec (-acodec)

`-b:v 1M` # video bitrate (1M = 1Mbit)
`-b:a 1M` # audio bitrate

`-fs SIZE` # limit file size (bytes)

Video

Audio

`-aspect RATIO` # aspect ratio (4:3, 16:9,
`-r RATE` # frame rate per sec
`-s WIDTHxHEIGHT` # frame size

`-aq QUALITY` # audio quality (codec-specific)
`-ar 44100` # audio sample rate (hz)
`-ac 1` # audio channels (1=mono, 2=stereo)
`-an` # no audio
`-vol N` # volume (256=normal)

Example

Ringtone conversion using ffmpeg

```
ffmpeg -i foo.mp3 -ac 1 -ab 128000 -f mp4 -acodec libfaac -y target.m4r
```

To web

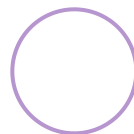
```
# no audio  
ffmpeg -i input.mov -vcodec h264 -an -stri  
ffmpeg -i input.mov -vcodec libvpx -an outpu
```

```
ffmpeg -i input.mov -vcodec h264 -acodec aac  
ffmpeg -i input.mov -vcodec libvpx -acodec l
```

```
<video width="320" height="240" controls>  
  <source src="movie.mp4" type='video/mp4'><  
  <source src="movie.webm" type='video/ogg'>  
</video>
```

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