

Testing Media Players

[Google doc with player comparisons](#)

Test	RV	VLC Windows	VLC Mac	Quicktime player	Test
mp4/mov					
Full range support (See here)			yes	yes	Compare: https://richardssam.github.io/ffmpeg-tests/tests/greyramp-fulltv/greyscale-raw.png https://richardssam.github.io/ffmpeg-tests/tests/greyramp-fulltv/greyscale-tv.mp4 https://richardssam.github.io/ffmpeg-tests/tests/greyramp-fulltv/greyscale-full.mp4 there should be no color shift between the three files, but you should see banding in greyscale-tv.
Support NCLC TRC flag (see here)	No - it sees the values but doesnt interpret them.	No		yes	
Support NCLC Primary flag (see here)		No	Yes		If you see the text Rec2020 and your monitor does not support rec2020 then the browser is not supported: https://richardssam.github.io/ffmpeg-tests/gamuttests/iccgamut/greyscale-rec2020.mp4
h264rgb support					https://richardssam.github.io/ffmpeg-tests/tests/greyramp-fulltv/radialgrad-tv.mp4 should match https://richardssam.github.io/ffmpeg-tests/tests/greyramp-fulltv/radialgrad-raw-rgb.mp4
h264 10-bit					
Pro-res					
DnxHD					
Audio					
Can play looped movie with audio					
Display color-management					
Supports display management on windows					
Supports display management on OSX					
Supports display management on linux					