

Color on the web CG teleconference

2021-09-27 @ 21:00 UTC

Attendees

- Chris Needham
- Pierre-Anthony Lemieux (meeting chair, CG co-chair)
- Rafael Cintron
- Simon Thompson
- Ken Russel
- Chris Cameron
- Reiner Fink

Administrative

Please carefully review CG rules/policies (<https://www.w3.org/community/about/>)

Please add your name to your GitHub user profile (<https://github.com/settings/profile>)

Calendar at:

- https://calendar.google.com/calendar/embed?src=nr9r5ibs0f4jcuebisd2lvie1s%40group.calendar.google.com&ctz=America%2FLos_Angeles
- <https://calendar.google.com/calendar/ical/nr9r5ibs0f4jcuebisd2lvie1s%40group.calendar.google.com/public/basic.ics>

Action items

Action item: Chair to publish 2021-07-19 notes

Action item: Chair to encourage participation from Android, Apple (Simon Fraser), Sam Weinig (Webkit) folks to better understand platform capabilities and roadmap.

Action item: Jeff Gilbert to open an issue to define an API to extract ST 2086 and MaxCLL/FALL metadata from and <video> elements

Action item: Simon Thompson to suggest a list of appropriate hardware and software to evaluate HDR images.

Action item: Look for a PQ overview presentation

HDR in Canvas

HLG discussion (Simon Thompson)

Two different mappings:

- Displaying HLG canvas on an sRGB display
- Converting HLG to/from extended sRGB working space

These mappings might change following experimentation with an in-browser proof-of-concept

Displaying HLG canvas on an sRGB display

Recommendation:

``displayRenderingREC2100HLGtoSRGBdisplay`` at <https://lists.w3.org/Archives/Public/public-colorweb/2021Sep/0005.html> with gamma = 2.2 unless hardware limitations force gamma = 2.0

Converting HLG to/from extended sRGB working space

Recommendation:

``convertREC2100HLGtoExtendedSRGB`` at <https://lists.w3.org/Archives/Public/public-colorweb/2021Sep/0008.html> with 75% max code value mapped to 1.0 sRGB.

Next meeting

Recurring meeting on Monday 21:00-22:30 UTC every two weeks, starting on April 12.

Next meeting: October 25, 2021