

W1.1 2005 - 018

Color Rendition Teleconference, June 22, 2005

Present: Susan, Dmitri, Frans, Ann, and Óscar

Agenda:

- 1) The Color Fidelity Experiment - next steps

Discussion:

1) The teleconference began with a discussion of possible manipulations for the Color Fidelity experiment image set. Ann had circulated a set of Photoshop actions that included actions to improperly convert images to sRGB and properly convert to sRGB. Once the file was properly converted, the following actions were performed: increase contrast by 10 and by 20 by adjusting "curves" in the mid-tone area, rotating red hue plus 20 in the hue/saturation dialog box producing noticeable (but not hideous) shift, rotating blue hue plus 40 to achieve noticeable blue-purple effect, lightened and darkened +/- 20 units in the brightness dialog box, and adjusted saturation +/-30 units. We discussed adding a decreased contrast action along with +/-green hue rotations, and - red and blue rotations. This would bring the total number of manipulations to 15. With four scenes ("Bride and Groom" and "Cashew Nuts" from the CIELAB SCID images, the "Paint Girl" image supplied by Lexmark and the "Picnic" image supplied by Sony to the CIE Division 8 TC8-03: Gamut Mapping committee) this results in 60 renditions for judging. One other possibility that we may want to try is using some other RGB such as ROMM or Adobe98 for images that start in a wider gamut space.

Ann will add the discussed manipulations to the Photoshop action set and then, once we have an understanding of the final overall physical size, we will be ready to perform the manipulations on the selected images. When the manipulations are complete and posted to the ftp site (thanks to Helen and Xerox for providing this site), Oscar will create palettes of 64 important colors from each rendition. Then the images will be ready for printing.

Actions:

- Ann to complete the Photoshop Actions set and distribute
- Each to make sure that the Photoshop Actions set sent by Ann functions properly
- Susan, Oscar and Ann to get the high resolution images on the ftp site
- Oscar to confirm that the Picnic image is in sRGB and that the image on the CIELAB Division 8 Gamut Mapping webpage is the highest resolution image available
- Susan to confirm with Helen that she is still willing to run the manipulations on the image set, if so...
- Helen to conduct the manipulations when the Actions set is complete, the image size is established and all of the high resolution images are available on the ftp site
- When the image manipulations are complete and the image renditions are available on the ftp site, Oscar is to extract the 64-color palette for each image and save
- Susan to find out about the possibility of using the images from the Fernandez et al experiment

Next Meeting:

- JULY 20, 2005 9:00 EST