



Meters: Klein Instruments K Series



Meter Profile: NF

White Point: BT.2020 HDR

Sources: Quantum Data QD804A

Window Size: Window L60

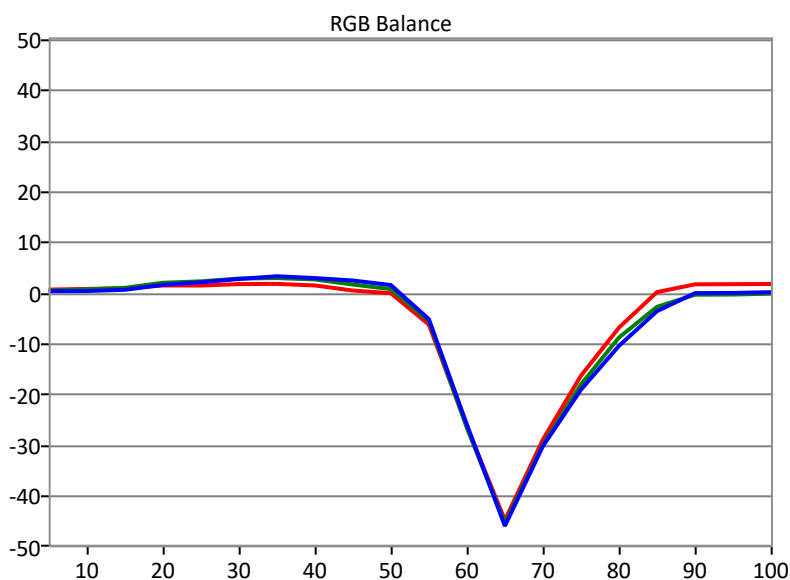
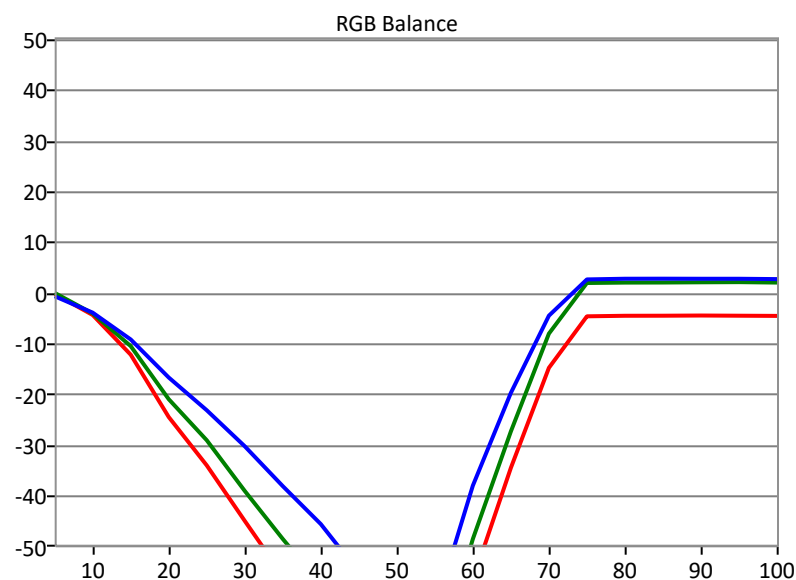
Gamma Formula: ST_2084_HDR



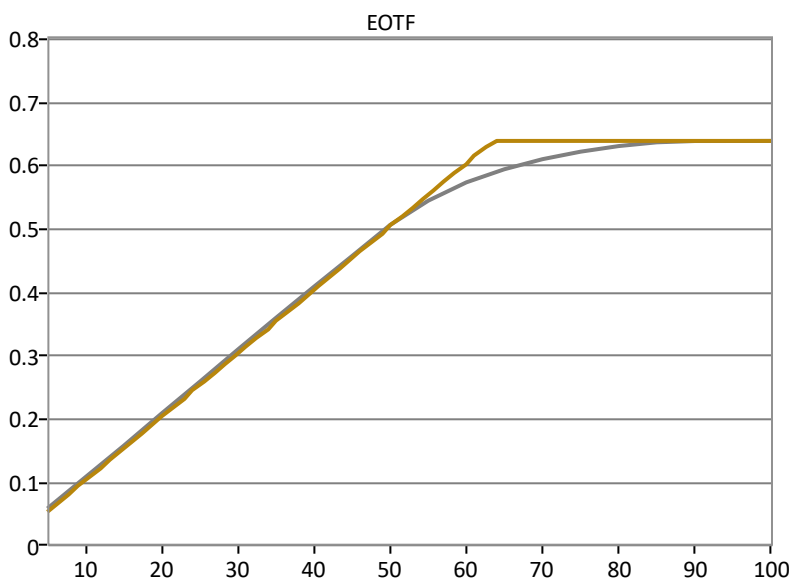
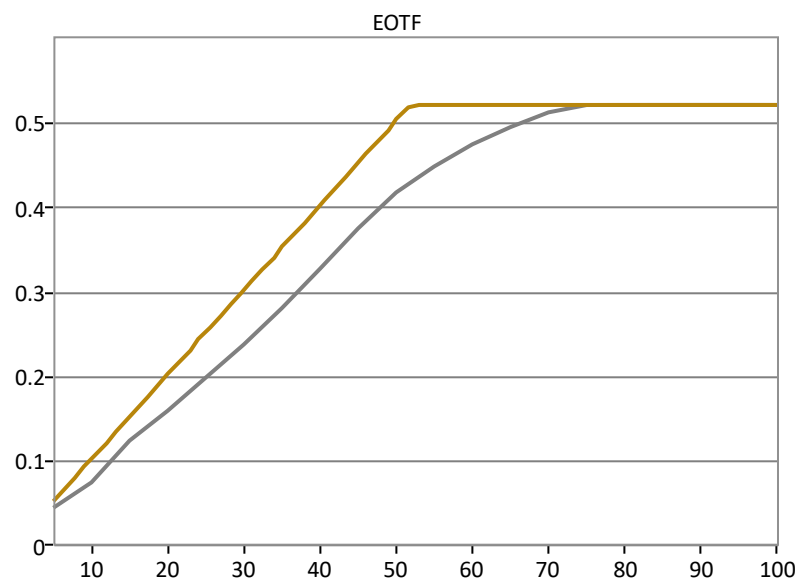
Before calibration:

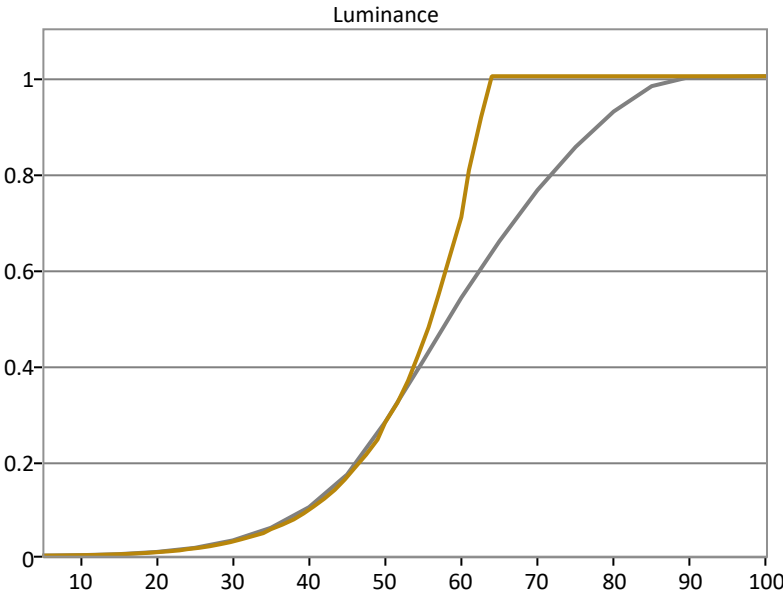
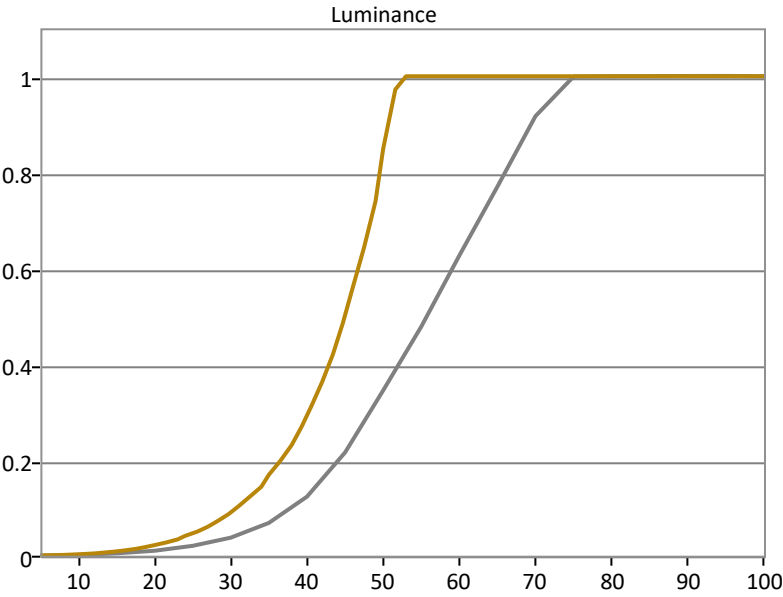
After calibration:

The RGB balance shows the ratio of red, green, and blue that make up the black and white foundation of the picture. It is also known as grayscale or white balance. If this foundation is skewed, no amount of tweaking the color and tint will fix the image. Ideally, the R, G, and B should be well balanced from dark (left) to bright (right).

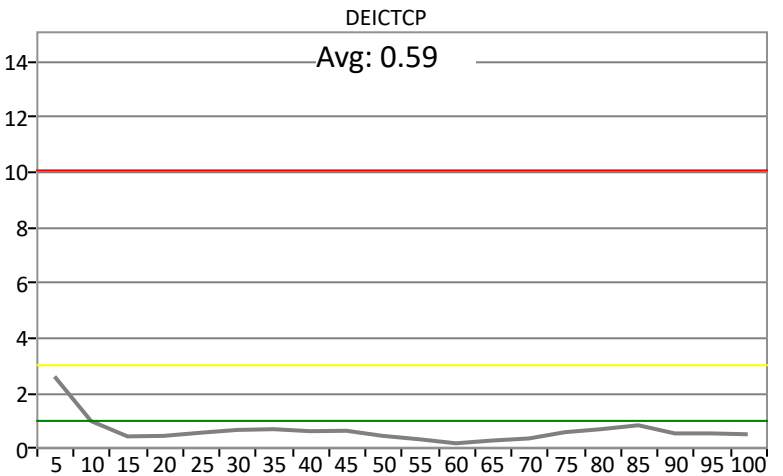
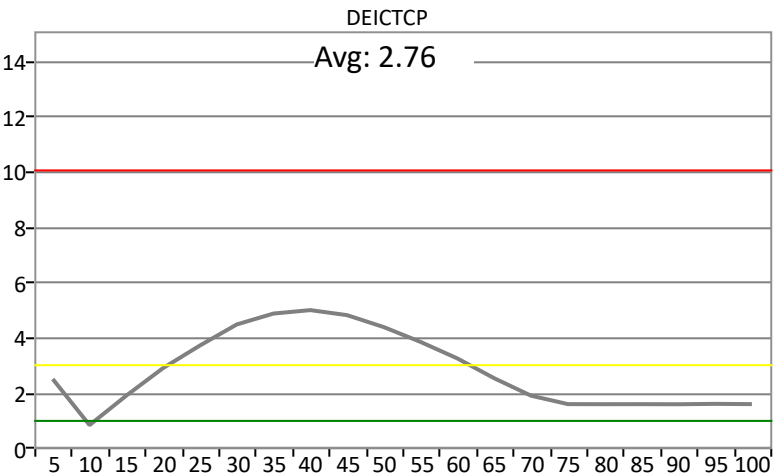


The point gamma graph shows the display's brightness ratio as it transitions from dark to bright images. If the gamma is lower than the yellow target line, the picture may look washed out with a "caked on makeup" look on brightly lit faces. If it is higher than the target line, dark images will be too hard to see and the image will look too contrasty. A good gamma also helps improve the depth of the image.





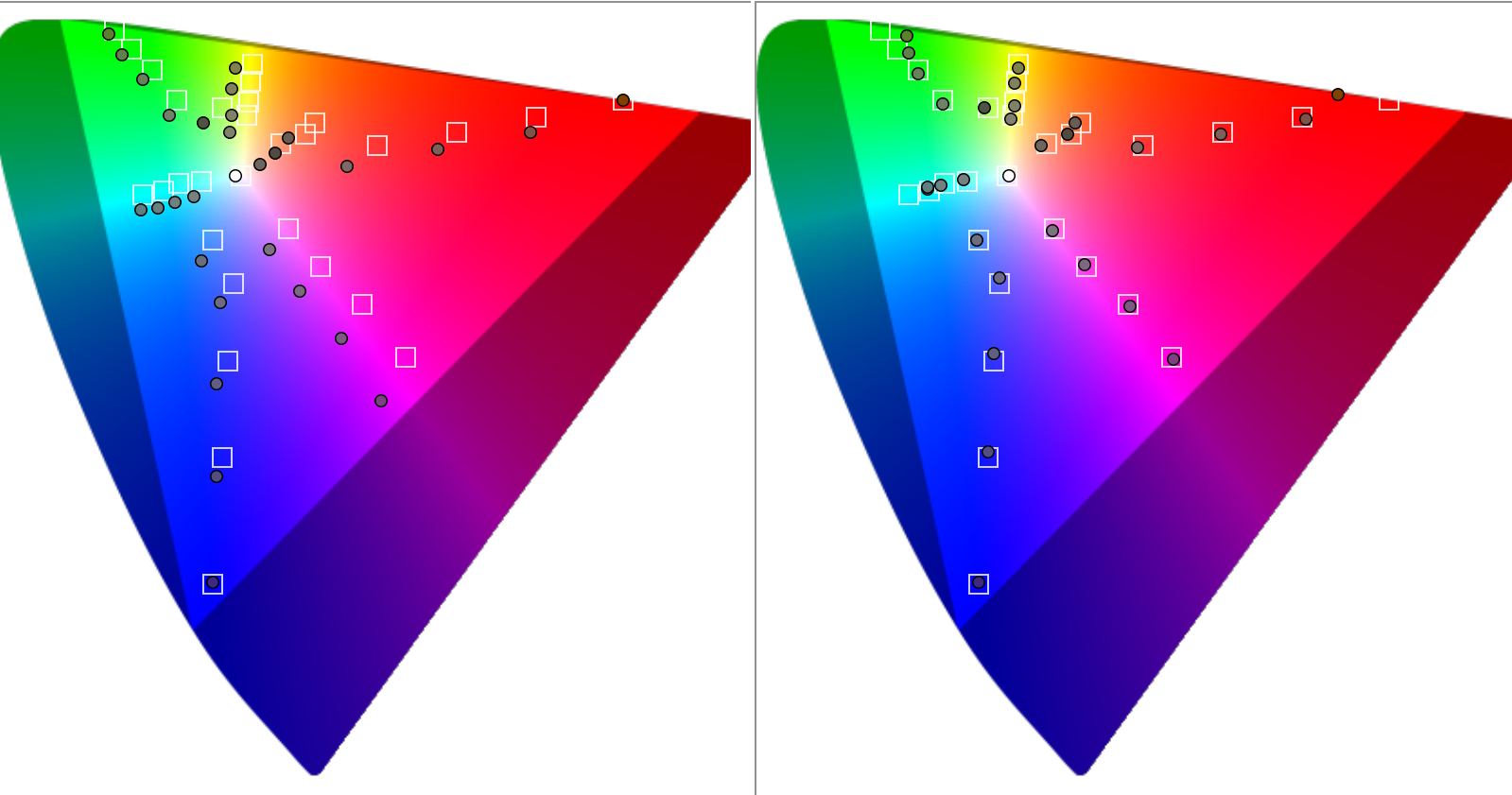
The grayscale DeltaE is a standardized measure of error based on the eye's sensitivity to white balance and color errors. It shows how visibly serious the errors are with bright content, where the eye's sensitivity to light tends to mask errors in the darker areas of the picture. Errors of less than 3 are generally thought to be imperceptible with brighter program content.



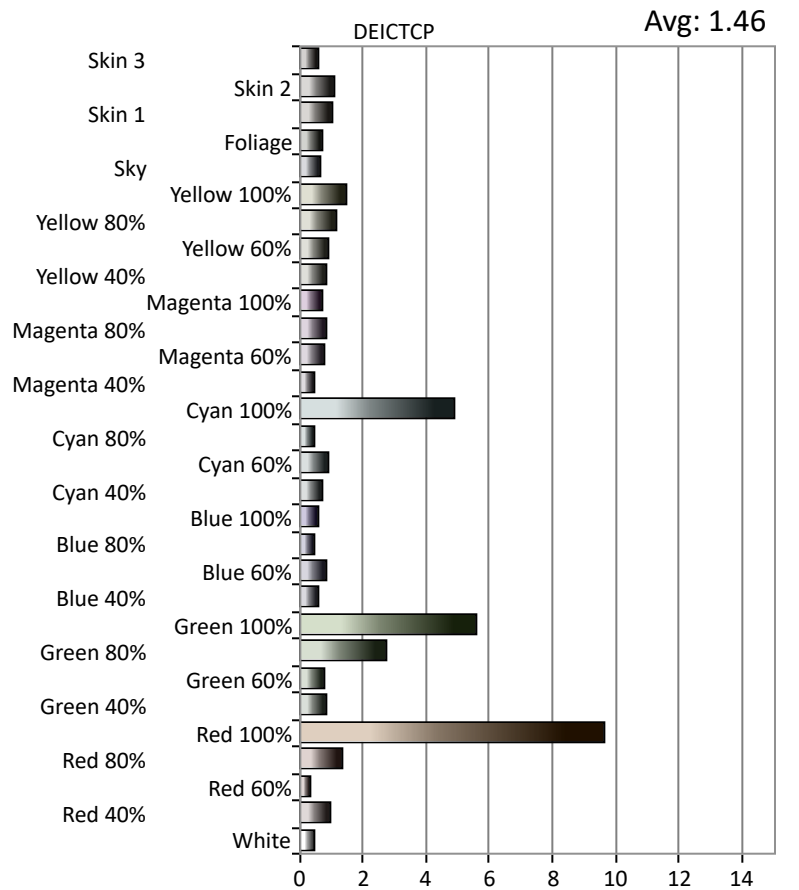
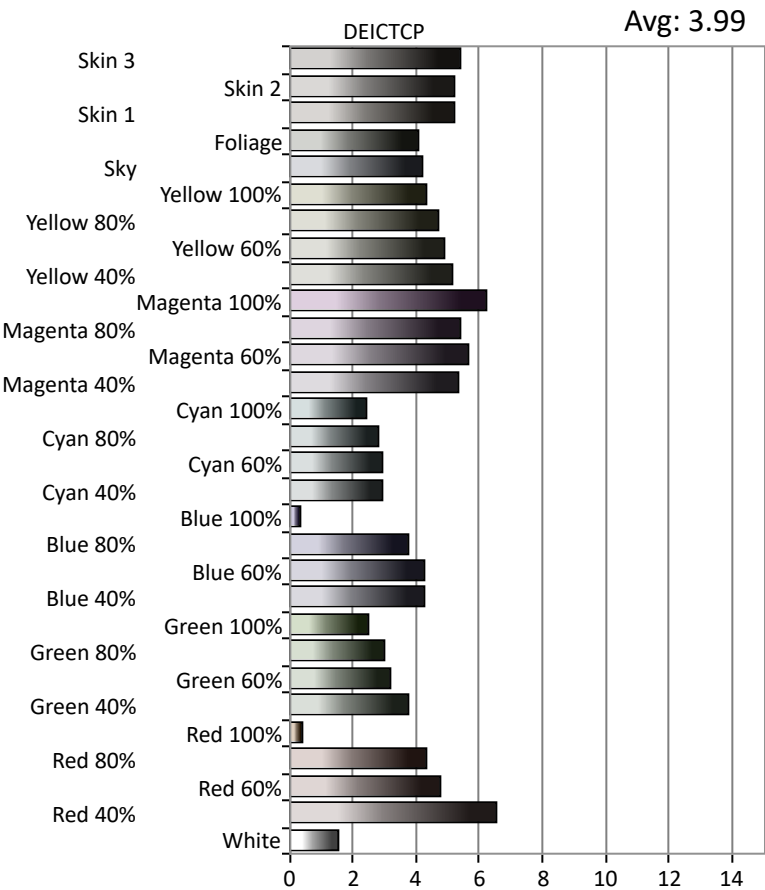
Max cdm2: 111.2

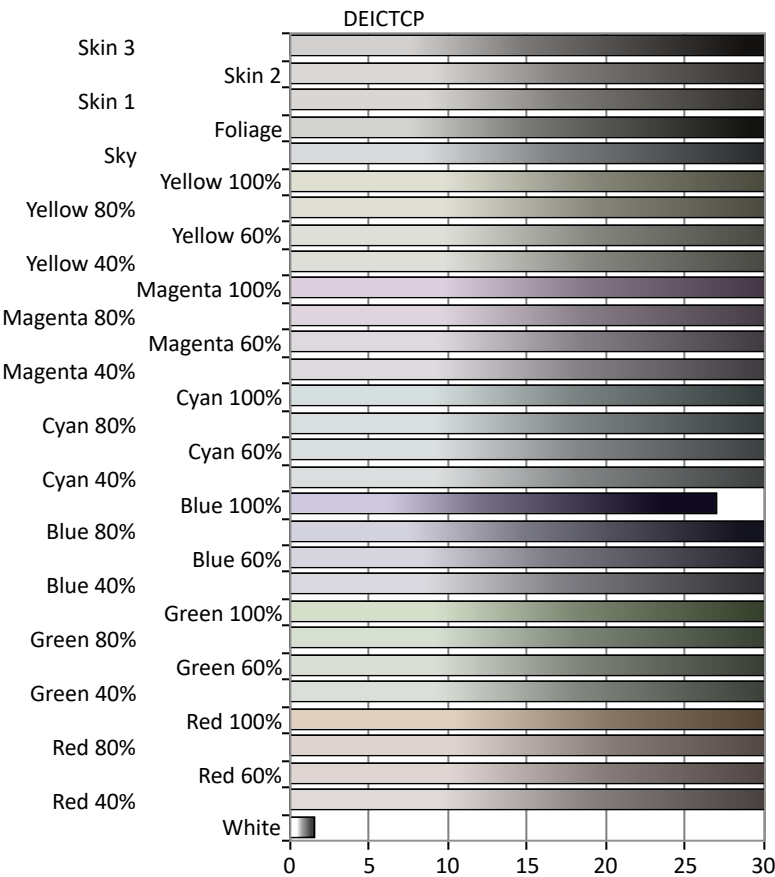
Max cdm2: 339.6

The Color Gamut chart includes shades of color from pale to fully saturated and spectral simulations of light and dark skin to get a comprehensive idea of how accurately the display reproduces colors. Tight matching of the measurement dots with their respective target boxes indicate accurate color reproduction. The color points are at 50% amplitude of DCI-P3 colors in a BT.2020 container.



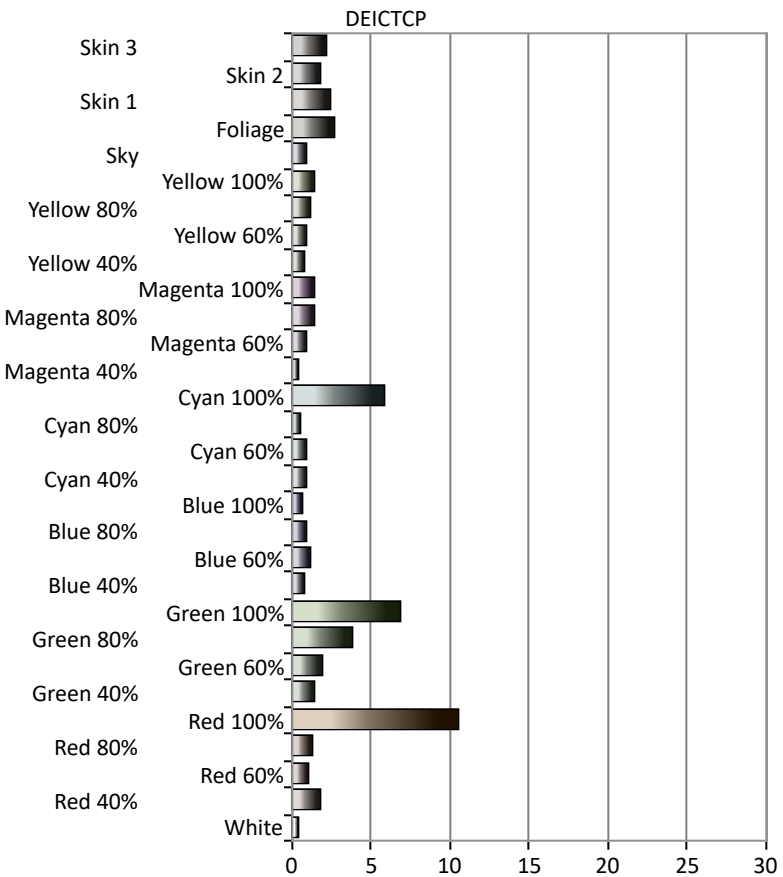
The Color Gamut DeltaE shows how visible the overall error is for each color, with errors of less than 3 generally thought to be imperceptible. The top graphs do not include luminance error, but the bottom graphs do.





Before calibration data:

	5	10	15	20	25	30	35	40	45	50	55	60	65	70	75	80	85	90	95	100
x CIE31	0.3476	0.2993	0.2912	0.2846	0.2817	0.2793	0.2797	0.2815	0.2846	0.2882	0.2919	0.2955	0.2996	0.3034	0.3057	0.3057	0.3057	0.3057	0.3057	0.3057
y CIE31	0.4368	0.3241	0.3190	0.3099	0.3079	0.3031	0.3039	0.3054	0.3093	0.3111	0.3147	0.3170	0.3211	0.3258	0.3289	0.3288	0.3288	0.3289	0.3289	0.3289
Y	0.0121	0.0419	0.1615	0.3356	0.6684	1.2235	2.2205	3.9987	6.9917	11.1899	15.5092	20.3262	24.9932	29.7660	32.4445	32.4692	32.4738	32.4845	32.4878	32.4676



After calibration data:

	5	10	15	20	25	30	35	40	45	50	55	60	65	70	75	80	85	90	95	100
x CIE31	0.3695	0.3250	0.3151	0.3112	0.3099	0.3094	0.3091	0.3096	0.3096	0.3106	0.3114	0.3126	0.3138	0.3141	0.3153	0.3159	0.3163	0.3146	0.3146	0.3144
y CIE31	0.3494	0.3407	0.3345	0.3317	0.3301	0.3296	0.3283	0.3286	0.3277	0.3279	0.3286	0.3281	0.3296	0.3292	0.3300	0.3306	0.3296	0.3285	0.3285	0.3285
Y	0.0222	0.1077	0.3172	0.7127	1.6190	3.1631	5.7681	10.0257	16.7687	27.6210	40.3015	53.3316	65.0056	75.5768	84.4870	91.8132	97.0643	98.9615	98.9891	99.1089

	White	Red 40%	Red 60%	Red 80%	Red 100%	Green 40%	Green 60%	Green 80%	Green 100%	Blue 40%	Blue 60%	Blue 80%	Blue 100%	Cyan 40%	Cyan 60%	Cyan 80%	Cyan 100%	Magenta 40%	Magenta 60%	Magenta 80%	Magenta 100%	Yellow 40%	Yellow 60%	Yellow 80%	Yellow 100%	Sky	Foliage	Skin 1	Skin 2	Skin 3
x CIE31	0.3144	0.4533	0.5311	0.6043	0.6563	0.2937	0.2854	0.2899	0.3025	0.2495	0.2165	0.1834	0.1512	0.2662	0.2391	0.2215	0.2222	0.3203	0.3255	0.3376	0.3394	0.3605	0.3752	0.3959	0.4181	0.2467	0.3398	0.4195	0.3677	0.4024
y CIE31	0.3285	0.3280	0.3229	0.3174	0.3381	0.4608	0.5968	0.6457	0.2263	0.1714	0.1158	0.0615	0.3360	0.3352	0.3331	0.3357	0.2600	0.2243	0.1883	0.1514	0.4071	0.4271	0.4659	0.4958	0.2645	0.4360	0.3781	0.3564	0.3654	
Y	99.0876	15.8758	12.4881	10.2407	10.0601	24.5276	23.5774	22.9902	23.0310	13.1594	8.4755	5.0833	2.3919	26.6032	25.0621	23.2663	23.8282	19.2448	15.0322	11.8711	8.8925	28.0862	28.0020	27.5894	27.5416	14.2636	4.0851	7.7671	10.7318	2.9976

PercentP3 uv: 99.9

PercentP3 uv: 89.5

Date and time: 10/28/2018 3:47 PM

Company Name: HDTV by Chad B

Webiste URL: HDTVbyChadB.com

Calibrator Name: Chad B

Phone: 937-267-6073

Email: schedule@HDTVbyChadB.com



To restore the calibrated settings, start with the default settings of the calibrated mode. Then make the changes listed below in order as they appear in the menu.

Picture Mode: HDR High

Basic settings: optional,mid,0

Advanced settings: BF2020NF (on, r 0,2,0,0 m 0,1,0,0 c 0,1,0,0 y 0,2,0,0 g 0,1,0,0 b 0,6,0,0)
7500K, -2,-10,0,0,-2,-2)
Custom 2 (import)
0,0,0,0

Picture options: input level auto, screen adjust off

Notes: Meter multiplier of 2.47 used; divide reported light output by this.