



Meters: Klein Instruments K Series



Meter Profile: NF

White Point: BT.2020 HDR

Sources: Quantum Data QD804A

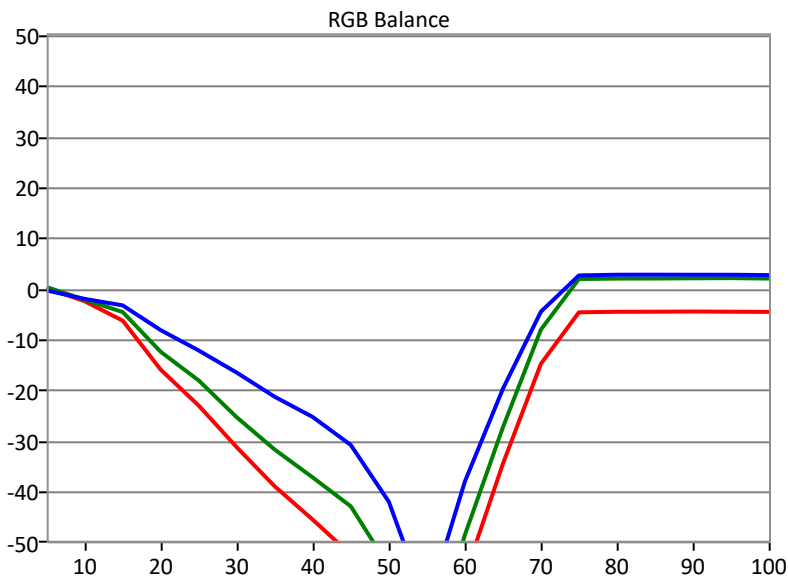
Window Size: Window L60

Gamma Formula: ST_2084_HDR

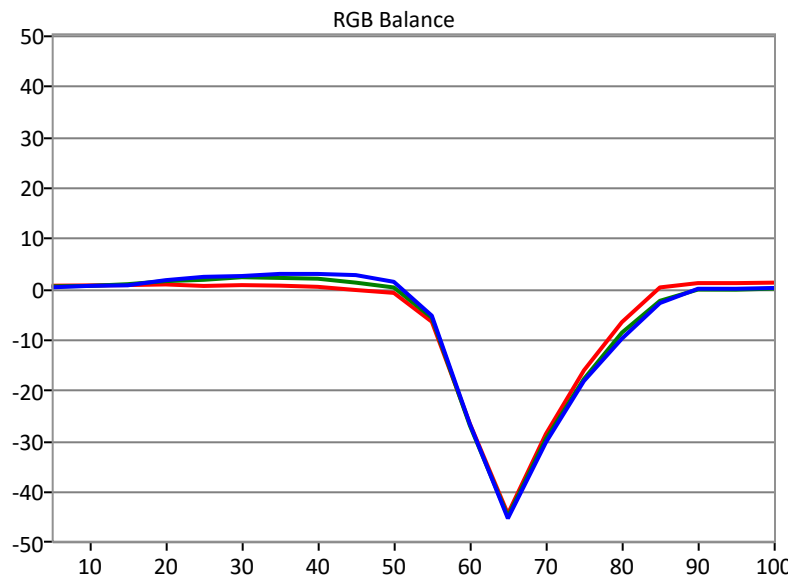


Before calibration:

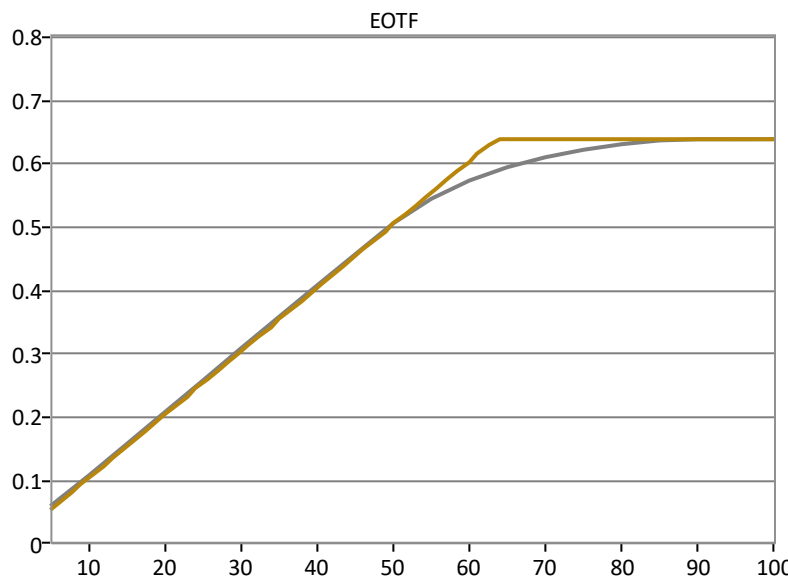
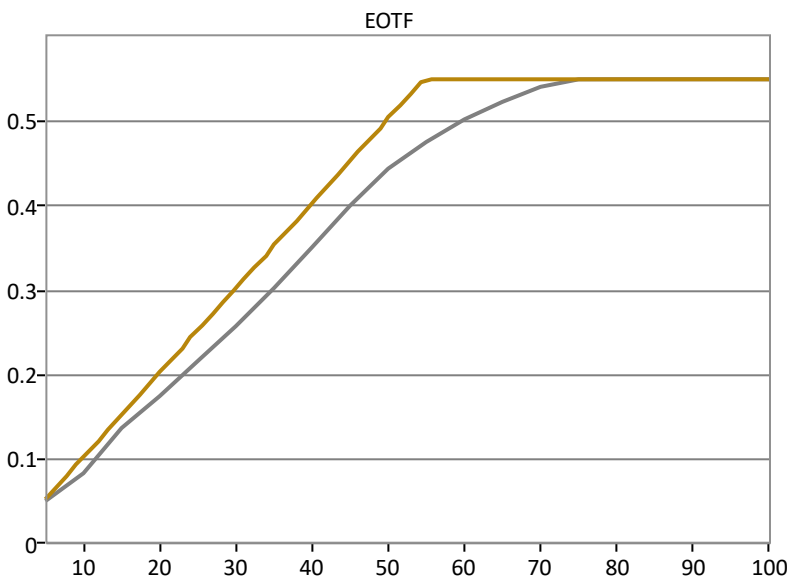
The RGB balance shows the ratio of red, green, and blue that make up the black and white foundation of the picture. It is also known as grayscale or white balance. If this foundation is skewed, no amount of tweaking the color and tint will fix the image. Ideally, the R, G, and B should be well balanced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

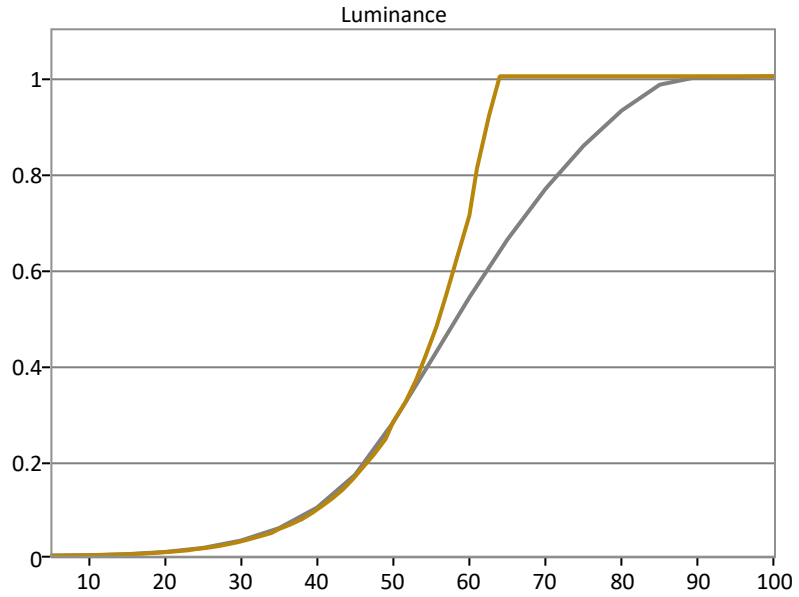
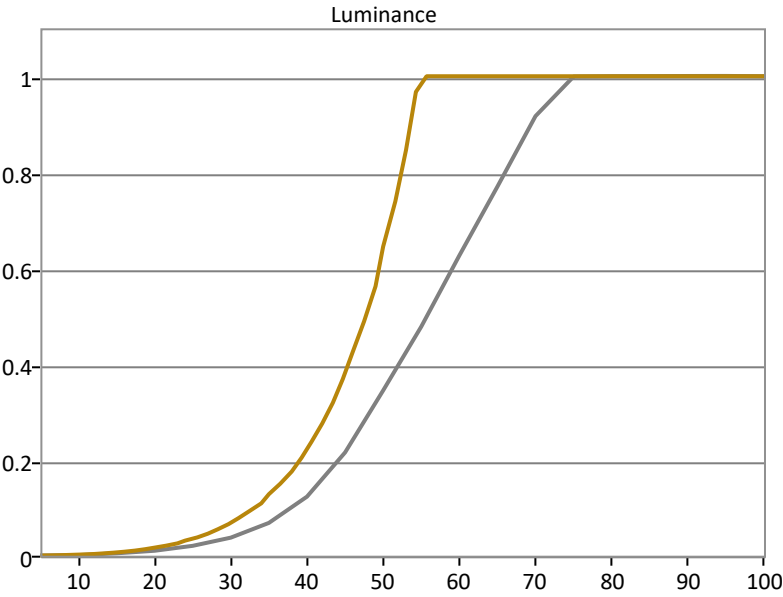


After calibration:

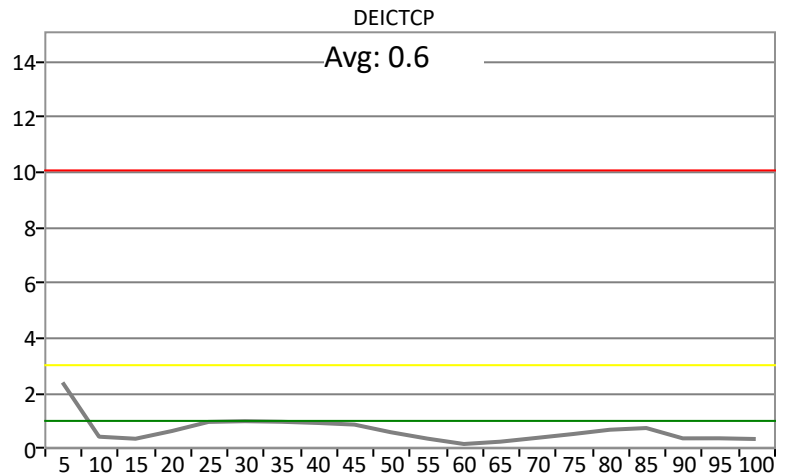
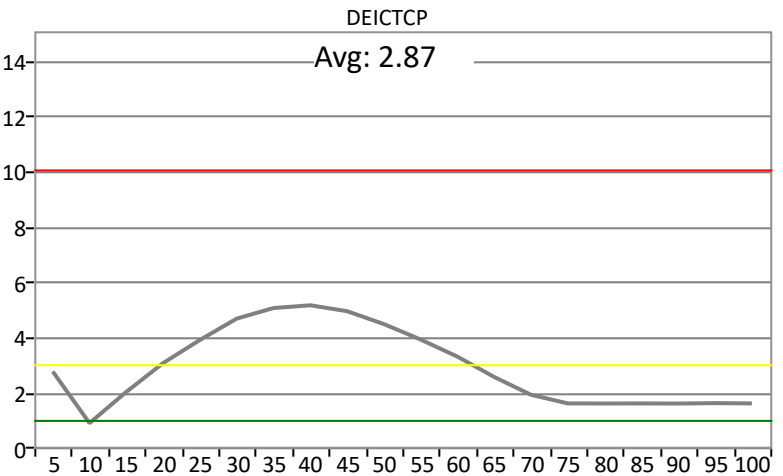


The point gamma graph shows the display's brightness ratio as it transitions from dark to bright images. If the gamma is lower than the yellow target line, the picture may look washed out with a "caked on makeup" look on brightly lit faces. If it is higher than the target line, dark images will be too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





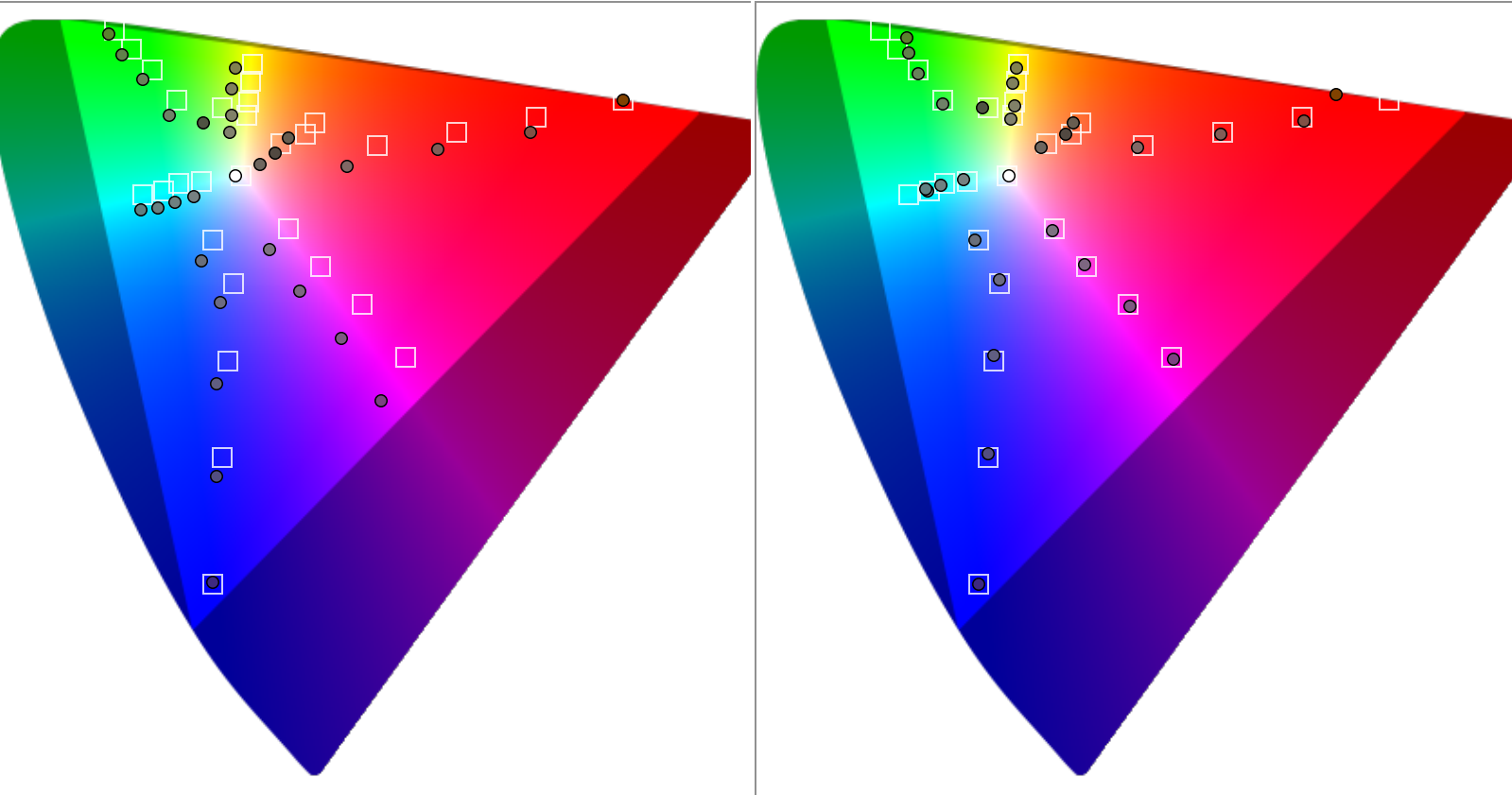
The grayscale DeltaE is a standardized measure of error based on the eye's sensitivity to white balance and color errors. It shows how visibly serious the errors are with bright content, where the eye's sensitivity to light tends to mask errors in the darker areas of the picture. Errors of less than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



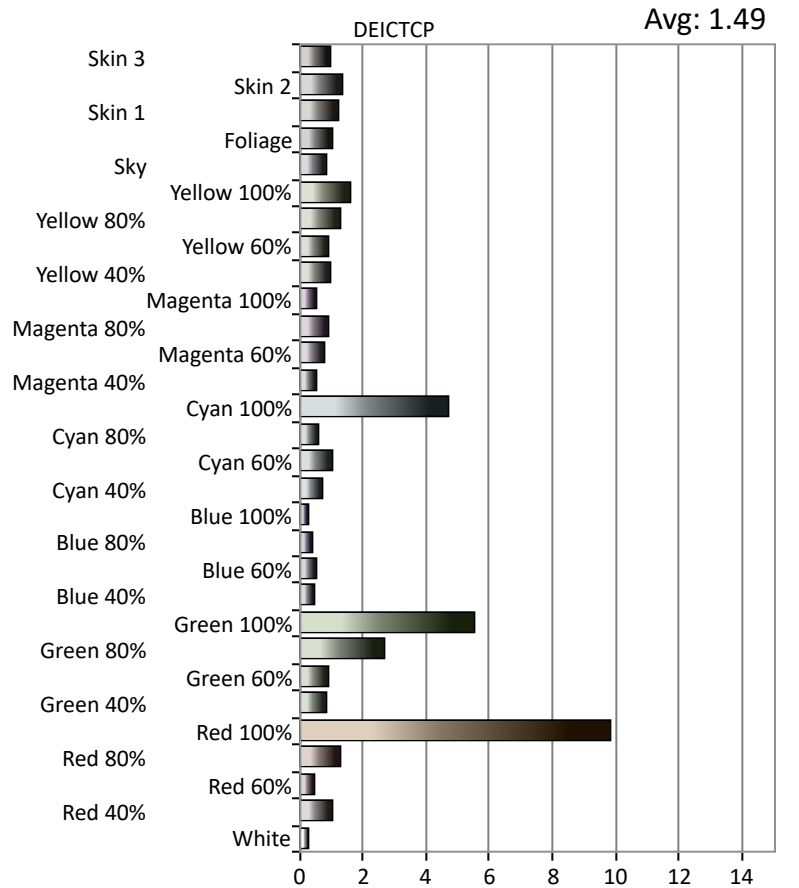
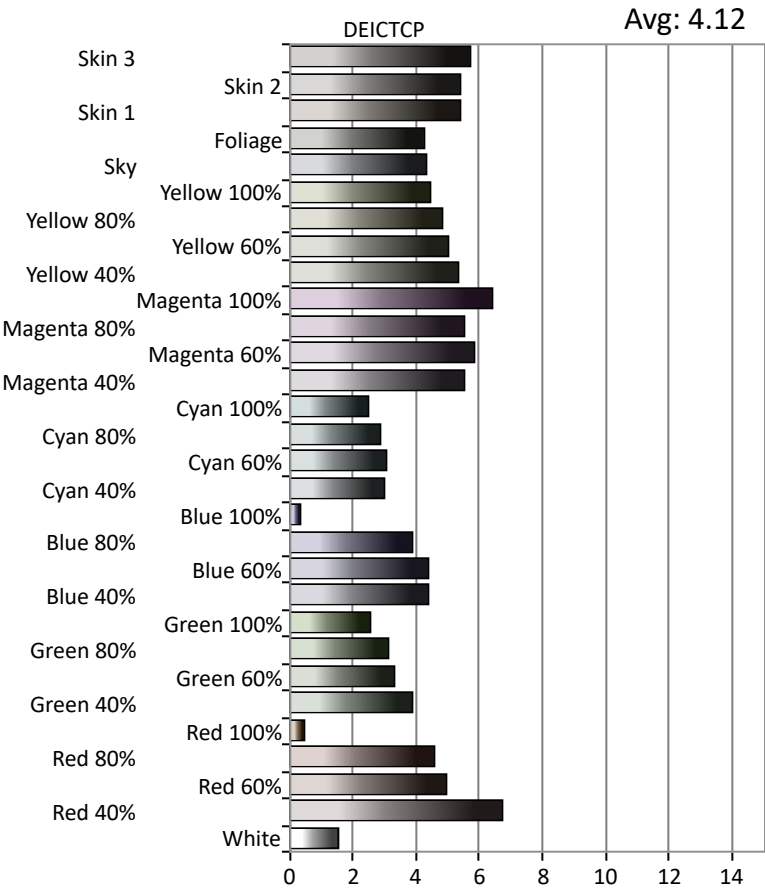
Max cdm2: 146.4

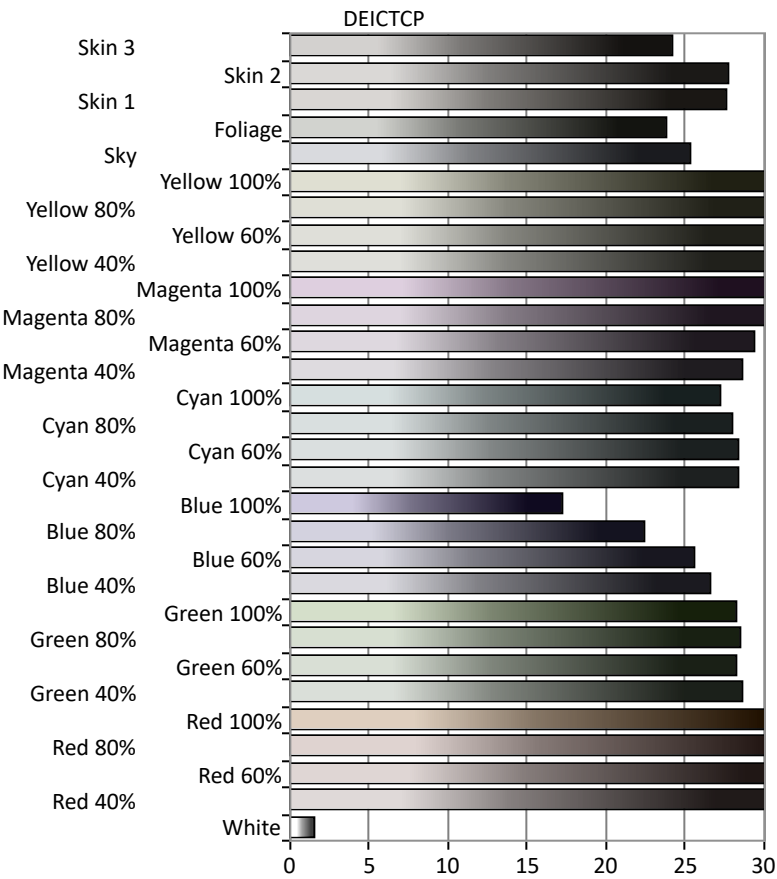
Max cdm2: 338.2

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.



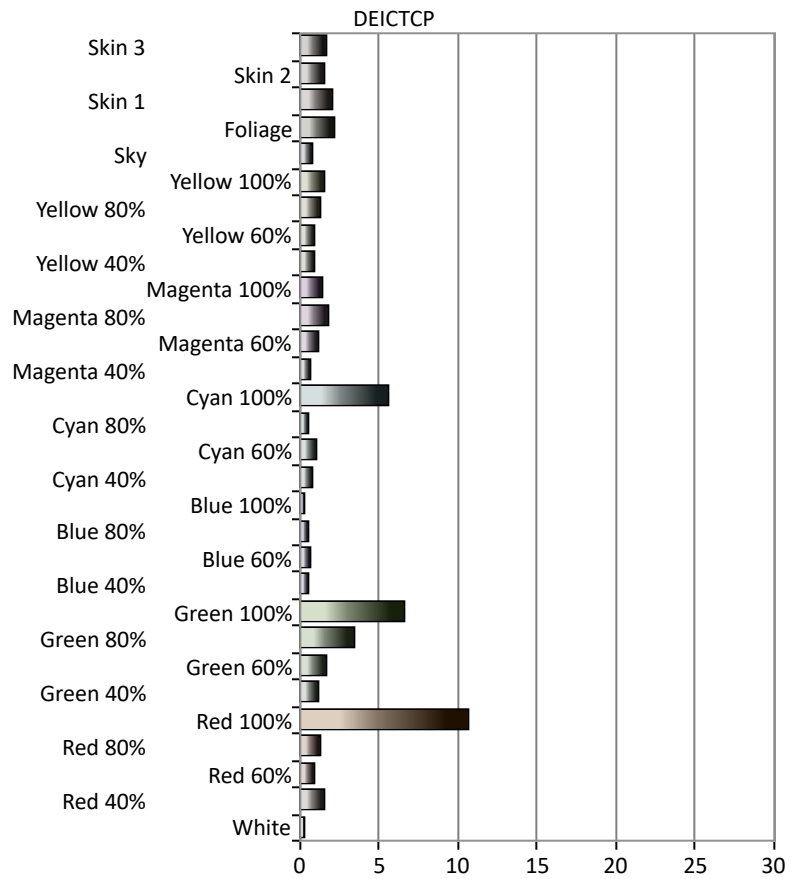
The Color Gamut DeltaE shows how visible the overall error is for each color, with errors of less than 3 generally thought to be imperceptible. The top graphs do not include luminance error, but the bottom graphs do.





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	0.2787	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	0.0160	0.0551	0.2125	0.4416	0.8795	1.6098	2.9217	5.2615	9.1996	14.7235	20.4069	26.7450	32.8858	38.1658	42.6902	42.7226	42.7287	42.7427	42.7471	42.7205



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	0.3672	0.3167	0.3123	0.3083	0.3064	0.3073	0.3074	0.3079	0.3083	0.3099	0.3113	0.3129	0.3136	0.3143	0.3146	0.3157	0.3157	0.3159	0.3159	0.3158
y CIE31	0.3854	0.3284	0.3324	0.3282	0.3270	0.3287	0.3272	0.3272	0.3265	0.3274	0.3286	0.3286	0.3294	0.3297	0.3293	0.3301	0.3292	0.3287	0.3287	0.3288
Y	0.0229	0.1047	0.3142	0.7558	1.5895	3.1096	5.6619	9.8935	16.6533	27.4349	40.2194	53.1584	65.0859	75.5174	84.3948	91.6345	96.9686	98.5677	98.5568	96.7038

	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	0.3138	0.4528	0.5306	0.6034	0.6558	0.2928	0.2845	0.2890	0.3016	0.2489	0.2154	0.1827	0.1508	0.2657	0.2384	0.2207	0.2214	0.3195	0.3252	0.3375	0.3394	0.3597	0.3748	0.3950	0.4175	0.2460	0.3369	0.4180	0.3660	0.3995
y CIE31	0.3287	0.3276	0.3226	0.3175	0.3385	0.4612	0.5396	0.5970	0.6457	0.2254	0.1701	0.1147	0.0608	0.3350	0.3343	0.3320	0.3346	0.2591	0.2238	0.1879	0.1519	0.4068	0.4273	0.4657	0.4957	0.2644	0.4347	0.3774	0.3558	0.3641
Y	98.6497	15.7744	12.4393	10.2198	10.0302	24.3478	23.4154	22.8222	22.8754	13.0474	8.3705	5.0194	2.3604	26.4340	24.8996	23.0991	23.6712	19.1068	14.9300	11.7913	8.9016	27.9008	27.8263	27.4106	27.3641	14.1260	4.0202	7.6727	10.6116	2.9442

PercentP3 uv: 99.9

PercentP3 uv: 89.4

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 Low

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)
HDR (7500K, 0,-7,-2,0,-2,-1)
Custom 1 (import)
0,0,0,0

Picture options: input level auto, screen adjust off

Notes: Meter multiplier of 3.25 used; divide reported light output by this.