

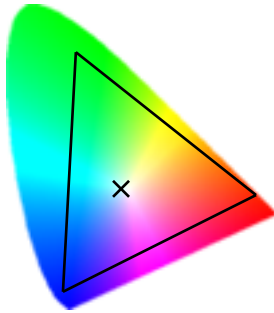
ColorNavigator Validation Result

Basics

Validation Date : 2010.10.24 11:41
Monitor Name(Serial) : CG243W (03273040)
Measurement Device Name(Serial) : OPTIX XR / DTP94 / DTP94B (111080)
Monitor Usage Time : 189 hour(s)
ColorNavigator Version : 5.4.4.2




Adjusted Monitor Status

Adjustment Target : CG243W(03273040) 100cd 6500K 2,20
Adjustment Date : 2010.10.24 11:37
Usage Time : 189 hour(s)
Measurement Device Name(Serial) : OPTIX XR / DTP94 / DTP94B (111080)
Compensation Table : Color Management



	Target	Result
Brightness	100 cd/m2	100,63 cd/m2
Black Level	Minimum	0,27 cd/m2
Contrast Ratio	-	377 : 1
White Point	(0.313,0.329)	(0.313,0.330)
Color Temperature	6500K	6505K
Gamma Red	2,20	-
Gamma Green	2,20	-
Gamma Blue	2,20	-
Chromaticity Red	-	(0.676,0.311)
Chromaticity Green	-	(0.188,0.701)
Chromaticity Blue	-	(0.153,0.047)
Priority	Gray balance	-

Detailed Results

Color Patch	Target L*a*b*	Measured XYZ	Measured L*a*b*	dEab	dE2000
 0 0 0	2.4 -0.2 -1.3	0.246 0.260 0.297	2.3 -0.2 -1.5	0.3	0.2
 0 0 127	12.2 54.1 -78.5	4.193 1.426 21.188	12.1 54.4 -78.4	0.3	0.2
 0 0 255	28.7 95.9 -134.2	18.577 5.726 97.336	28.6 95.8 -133.9	0.3	0.1
 0 127 0	45.4 -90.0 43.1	4.082 14.788 2.543	45.2 -89.9 42.9	0.3	0.3
 0 127 127	47.0 -53.0 -22.9	8.053 15.999 23.465	46.8 -52.7 -22.9	0.3	0.2
 0 127 255	52.2 13.4 -95.3	22.351 20.312 98.953	52.0 13.2 -94.7	0.7	0.2
 0 255 0	86.0 -152.8 74.2	18.280 68.166 10.915	85.8 -152.4 73.9	0.5	0.1
 0 255 127	86.5 -135.9 31.3	22.295 69.466 31.932	86.4 -135.5 31.3	0.4	0.1
 0 255 255	88.6 -89.4 -38.2	36.681 73.835 108.108	88.5 -89.4 -38.0	0.3	0.1
 127 0 0	29.5 59.4 42.1	12.872 6.099 0.491	29.5 58.6 41.7	0.9	0.2
 127 0 127	32.3 71.2 -44.3	16.865 7.252 21.466	32.2 70.9 -44.2	0.3	0.1
 127 0 255	40.4 100.0 -114.2	31.250 11.541 97.686	40.3 99.7 -113.9	0.4	0.1
 127 127 0	52.5 -16.6 53.9	16.743 20.660 2.697	52.4 -16.6 54.1	0.2	0.2
 127 127 127	53.8 -1.7 -11.5	20.715 21.849 23.732	53.7 -1.7 -11.5	0.1	0.1
 127 127 255	58.1 37.2 -85.2	35.171 26.224 99.971	58.0 37.1 -85.0	0.3	0.1
 127 255 0	88.8 -109.8 78.5	30.897 73.949 11.116	88.6 -109.7 78.1	0.4	0.1
 127 255 127	89.3 -98.2 35.9	34.942 75.235 32.044	89.2 -98.0 35.9	0.3	0.1
 127 255 255	91.3 -63.3 -33.7	49.448 79.667 108.507	91.2 -63.1 -33.6	0.2	0.1
 255 0 0	58.9 100.6 82.0	59.088 27.247 1.099	59.0 100.3 82.0	0.4	0.1
 255 0 127	60.0 105.3 2.3	63.239 28.470 22.320	60.1 105.2 2.2	0.2	0.1
 255 0 255	63.7 120.3 -74.4	77.774 32.846 99.223	63.8 120.1 -74.5	0.2	0.1
 255 127 0	70.6 59.6 80.5	63.273 42.083 3.401	70.7 59.6 80.5	0.2	0.1
 255 127 127	71.4 65.1 17.6	67.122 43.225 24.677	71.5 64.9 17.4	0.3	0.1
 255 127 255	74.2 82.6 -57.9	81.599 47.555 101.084	74.3 82.4 -57.7	0.3	0.1
 255 255 0	97.9 -27.8 92.3	77.132 95.188 11.834	97.8 -27.6 91.8	0.5	0.1
 255 255 127	98.3 -22.0 50.5	81.414 96.540 33.101	98.3 -21.5 50.0	0.7	0.2
 255 255 255	100.0 -2.8 -19.1	95.574 100.869 109.526	100.0 -2.9 -19.2	0.1	0.1
 16 16 16	4.4 -0.3 -2.4	0.475 0.497 0.555	4.5 -0.2 -2.7	0.3	0.4
 32 32 32	11.3 -0.7 -4.5	1.251 1.319 1.436	11.3 -0.7 -4.6	0.1	0.1
 64 64 64	26.8 -1.0 -7.1	4.781 5.037 5.457	26.7 -1.0 -7.0	0.1	0.1
 96 96 96	41.1 -1.4 -9.4	11.299 11.925 12.948	40.9 -1.4 -9.4	0.1	0.1
 160 160 160	66.6 -2.0 -13.6	34.429 36.302 39.385	66.5 -2.0 -13.6	0.1	0.1

delta-E Average	0.3	0.1
delta-E Max	0.9	0.4
delta-E White Point	0.1	0.1