

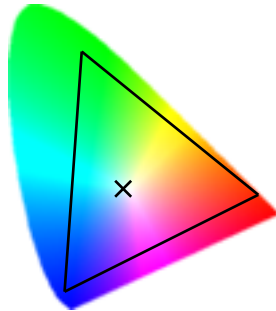
ColorNavigator Validation Result

Basics

Validation Date : 2011/11/08 19:26
Monitor Name(Serial) : CG275W (21014061)
Measurement Device Name(Serial) : OPTIX XR / DTP94 / DTP94B (102299)
Monitor Usage Time : 118 hour(s)
ColorNavigator Version : 5.4.5.11











Adjusted Monitor Status

Adjustment Target : CG275W(21014061) DTp94b 90cd 6500K 2,20
Adjustment Date : 2011/11/08 19:11
Usage Time : 118 hour(s)
Measurement Device Name(Serial) : OPTIX XR / DTP94 / DTP94B (102299)
Compensation Table : Color Management









































	Target	Result
Brightness	90 cd/m2	89,89 cd/m2
Black Level	Minimum	0,18 cd/m2
Contrast Ratio	-	498 : 1
White Point	(0.313,0.329)	(0.313,0.330)
Color Temperature	6500K	6486K
Gamma Red	2,20	-
Gamma Green	2,20	-
Gamma Blue	2,20	-
Chromaticity Red	-	(0.677,0.312)
Chromaticity Green	-	(0.198,0.702)
Chromaticity Blue	-	(0.152,0.047)
Priority	Gray balance	-

Detailed Results

Color Patch	Target L*a*b*	Measured XYZ	Measured L*a*b*	dEab	dE2000
 0 0 0	1.8 -0.1 -1.0	0.174 0.180 0.225	1.8 0.0 -1.6	0.6	0.6
 0 0 63	4.1 23.6 -42.5	0.908 0.401 4.175	4.1 23.2 -42.3	0.5	0.2
 0 0 127	12.0 54.6 -79.2	3.707 1.243 19.142	11.9 55.0 -79.6	0.5	0.1
 0 0 191	20.7 76.2 -108.4	8.901 2.832 46.883	20.7 76.4 -108.8	0.4	0.1
 0 0 255	28.9 95.3 -134.6	16.554 5.203 87.844	29.0 94.8 -134.7	0.5	0.2
 0 63 0	21.4 -49.6 24.5	0.933 2.890 0.586	21.0 -48.7 23.8	1.1	0.4
 0 63 63	22.3 -29.6 -13.4	1.679 3.166 4.520	22.1 -29.7 -13.2	0.3	0.2
 0 63 127	25.4 8.4 -57.0	4.474 3.986 19.508	25.2 9.2 -57.5	1.0	0.4
 0 63 191	30.2 42.1 -92.5	9.629 5.576 47.056	30.1 42.6 -93.0	0.6	0.2
 0 63 255	35.9 69.7 -122.9	17.294 7.968 88.021	35.9 69.4 -122.9	0.3	0.1
 0 127 0	45.5 -87.7 45.8	3.798 13.152 1.986	45.3 -87.4 45.7	0.3	0.2
 0 127 63	45.9 -78.2 19.7	4.547 13.417 5.947	45.7 -78.3 19.9	0.3	0.2
 0 127 127	47.1 -51.5 -22.6	7.356 14.335 20.870	47.1 -51.6 -22.7	0.1	0.0
 0 127 191	49.3 -18.5 -61.3	12.483 15.849 48.389	49.2 -18.3 -61.5	0.3	0.1
 0 127 255	52.4 14.0 -95.6	20.133 18.252 89.255	52.4 13.5 -95.5	0.4	0.2
 0 191 0	66.7 -119.4 62.9	9.128 32.077 4.581	66.5 -118.9 63.0	0.6	0.2
 0 191 63	66.9 -113.9 44.8	9.938 32.517 8.639	66.9 -113.7 45.0	0.3	0.1
 0 191 127	67.6 -96.1 7.4	12.748 33.358 23.632	67.6 -95.7 7.1	0.5	0.1
 0 191 191	68.9 -69.9 -30.6	17.868 34.916 51.041	68.9 -69.6 -30.8	0.3	0.1
 0 191 255	70.8 -40.2 -66.0	25.514 37.297 91.896	70.8 -40.4 -65.8	0.2	0.1
 0 255 0	86.2 -148.1 78.3	17.129 60.444 8.564	85.9 -147.2 78.0	0.9	0.2
 0 255 63	86.3 -144.4 65.1	17.901 60.730 12.595	86.1 -143.6 64.9	0.8	0.2
 0 255 127	86.8 -131.8 33.1	20.723 61.581 27.602	86.6 -130.8 32.5	1.1	0.2
 0 255 191	87.6 -111.6 -2.8	25.854 63.227 54.960	87.5 -110.9 -3.1	0.8	0.2
 0 255 255	88.9 -86.6 -37.8	33.570 65.716 95.890	88.8 -86.2 -37.8	0.4	0.1
 63 0 0	12.1 33.5 16.1	2.505 1.245 0.243	11.9 33.5 15.4	0.6	0.4
 63 0 63	13.7 40.6 -26.2	3.262 1.476 4.246	13.6 40.6 -26.3	0.1	0.1
 63 0 127	18.5 58.1 -68.2	5.996 2.288 19.147	18.2 58.3 -68.7	0.6	0.2
 63 0 191	24.9 77.4 -101.2	11.163 3.866 46.695	24.8 77.5 -101.7	0.5	0.1
 63 0 255	31.9 95.7 -129.6	18.823 6.258 87.545	31.9 95.1 -129.5	0.6	0.2
 63 63 0	25.4 -9.7 30.9	3.292 4.031 0.622	25.3 -9.6 30.5	0.4	0.2
 63 63 63	26.2 -1.0 -6.9	4.069 4.284 4.645	26.2 -0.9 -6.9	0.1	0.1
 63 63 127	28.8 22.1 -51.2	6.810 5.062 19.542	28.6 22.6 -51.7	0.7	0.2
 63 63 191	33.0 48.3 -87.8	11.973 6.651 47.077	32.8 48.7 -88.2	0.6	0.1
 63 63 255	38.1 72.8 -119.1	19.653 9.088 88.136	38.2 72.2 -119.0	0.6	0.2
 63 127 0	47.1 -63.9 48.3	6.149 14.238 2.016	46.9 -63.7 48.2	0.3	0.2
 63 127 63	47.5 -57.2 22.3	6.899 14.503 6.038	47.3 -57.3 22.3	0.1	0.1
 63 127 127	48.7 -36.8 -20.0	9.664 15.335 20.904	48.5 -36.8 -20.3	0.3	0.2
 63 127 191	50.8 -9.1 -58.8	14.877 16.956 48.585	50.7 -8.9 -59.2	0.4	0.1
 63 127 255	53.7 19.8 -93.3	22.592 19.412 89.572	53.8 19.5 -93.3	0.3	0.2

Color Patch	Target L*a*b*	Measured XYZ	Measured L*a*b*	dEab	dE2000
 63 191 0	67.6 -104.5 64.3	11.454 33.131 4.602	67.4 -104.1 64.4	0.5	0.2
 63 191 63	67.8 -99.9 46.3	12.214 33.396 8.628	67.6 -99.5 46.3	0.4	0.2
 63 191 127	68.5 -84.5 8.9	15.077 34.346 23.745	68.4 -83.9 8.3	0.8	0.3
 63 191 191	69.8 -61.1 -29.1	20.295 36.121 51.302	69.9 -61.0 -29.4	0.3	0.1
 63 191 255	71.6 -33.9 -64.6	27.934 38.492 92.216	71.7 -34.2 -64.5	0.3	0.1
 63 255 0	86.8 -137.8 79.2	19.445 61.487 8.598	86.5 -137.1 78.9	0.8	0.2
 63 255 63	86.9 -134.5 66.1	20.193 61.708 12.557	86.6 -133.8 66.0	0.7	0.2
 63 255 127	87.4 -123.0 34.1	23.103 62.766 27.681	87.2 -122.2 33.5	1.0	0.2
 63 255 191	88.2 -104.2 -1.8	28.247 64.411 55.135	88.1 -103.6 -2.2	0.7	0.2
 63 255 255	89.5 -80.7 -36.9	35.906 66.848 96.005	89.4 -80.5 -36.9	0.2	0.1
 127 0 0	29.1 59.2 43.2	11.170 5.199 0.354	29.0 59.4 42.5	0.7	0.4
 127 0 63	29.8 62.0 0.9	11.805 5.381 4.277	29.5 61.8 1.0	0.3	0.2
 127 0 127	32.0 71.0 -45.1	14.638 6.243 19.265	31.8 71.1 -45.5	0.5	0.2
 127 0 191	35.7 84.3 -82.8	19.855 7.831 46.987	35.6 84.5 -83.4	0.7	0.2
 127 0 255	40.4 99.5 -115.0	27.472 10.224 87.799	40.4 98.9 -115.0	0.5	0.2
 127 63 0	36.0 35.1 46.9	11.862 7.912 0.729	35.8 35.4 46.3	0.7	0.4
 127 63 63	36.5 38.3 10.3	12.688 8.195 4.723	36.4 38.6 10.2	0.3	0.2
 127 63 127	38.3 48.9 -35.2	15.452 9.027 19.616	38.1 49.1 -35.5	0.5	0.2
 127 63 191	41.2 64.5 -73.7	20.633 10.628 47.269	41.1 64.7 -74.2	0.5	0.1
 127 63 255	45.1 82.3 -107.1	28.240 13.000 88.133	45.1 81.8 -107.2	0.4	0.2
 127 127 0	52.5 -16.5 56.5	14.727 18.196 2.120	52.3 -16.7 56.4	0.2	0.2
 127 127 63	52.8 -13.1 30.9	15.548 18.502 6.130	52.7 -13.3 31.1	0.2	0.1
 127 127 127	53.8 -1.6 -11.4	18.450 19.405 21.246	53.8 -1.4 -11.9	0.5	0.4
 127 127 191	55.6 16.1 -50.6	23.525 20.877 48.713	55.5 16.4 -51.1	0.6	0.2
 127 127 255	58.2 37.2 -85.7	31.191 23.313 89.631	58.2 36.9 -85.8	0.3	0.2
 127 191 0	70.8 -65.7 69.2	20.179 37.226 4.737	70.7 -65.3 69.3	0.4	0.2
 127 191 63	71.0 -62.6 51.4	20.982 37.555 8.811	71.0 -62.3 51.3	0.3	0.1
 127 191 127	71.7 -52.2 14.1	23.775 38.375 23.903	71.6 -51.8 13.5	0.7	0.3
 127 191 191	72.8 -35.2 -24.0	28.865 39.946 51.282	72.8 -35.1 -24.3	0.3	0.2
 127 191 255	74.6 -14.0 -59.6	36.578 42.369 92.244	74.5 -14.1 -59.6	0.1	0.0
 127 255 0	88.9 -107.3 82.5	28.184 65.525 8.680	88.7 -106.5 82.4	0.9	0.2
 127 255 63	89.1 -104.8 69.5	28.987 65.798 12.731	88.8 -103.8 69.3	1.0	0.2
 127 255 127	89.5 -95.9 37.6	31.789 66.663 27.826	89.3 -94.9 36.9	1.2	0.3
 127 255 191	90.3 -81.0 1.7	36.952 68.253 55.437	90.1 -80.1 0.9	1.2	0.4
 127 255 255	91.5 -61.5 -33.4	44.625 70.898 96.176	91.5 -61.4 -33.4	0.1	0.0
 191 0 0	44.4 80.6 65.4	27.314 12.596 0.583	44.4 80.8 64.2	1.0	0.4
 191 0 63	44.8 82.1 25.6	28.056 12.806 4.575	44.8 82.4 25.5	0.3	0.1
 191 0 127	46.1 87.5 -21.2	30.758 13.609 19.480	46.0 87.8 -21.6	0.4	0.1
 191 0 191	48.4 96.4 -61.1	35.938 15.186 47.028	48.3 96.7 -61.5	0.4	0.1
 191 0 255	51.5 107.9 -95.9	43.633 17.610 87.953	51.6 107.7 -95.8	0.2	0.0

Color Patch	Target L*a*b*	Measured XYZ	Measured L*a*b*	dEab	dE2000
 191 63 0	48.6 65.8 65.0	28.046 15.330 0.943	48.5 66.2 64.4	0.7	0.4
 191 63 63	48.9 67.5 30.6	28.903 15.611 4.954	48.9 68.0 30.5	0.5	0.2
 191 63 127	50.1 73.4 -15.2	31.591 16.414 19.858	50.0 73.7 -15.5	0.4	0.1
 191 63 191	52.1 83.1 -55.1	36.729 17.983 47.384	52.0 83.4 -55.5	0.4	0.1
 191 63 255	55.0 95.6 -90.3	44.312 20.379 88.260	54.9 95.2 -90.3	0.4	0.1
 191 127 0	60.6 25.4 68.7	30.920 25.636 2.341	60.6 25.6 68.6	0.2	0.1
 191 127 63	60.9 27.3 44.0	31.666 25.879 6.361	60.8 27.4 44.0	0.1	0.1
 191 127 127	61.7 33.9 1.8	34.566 26.704 21.431	61.6 34.5 1.2	0.8	0.4
 191 127 191	63.2 45.0 -37.8	39.568 28.235 48.726	63.1 45.2 -38.0	0.4	0.1
 191 127 255	65.3 59.4 -73.6	47.312 30.779 89.815	65.4 59.0 -73.5	0.4	0.1
 191 191 0	76.2 -22.3 77.4	36.244 44.617 4.980	76.1 -22.0 77.3	0.3	0.1
 191 191 63	76.4 -20.4 59.8	37.058 44.956 9.006	76.3 -20.3 59.9	0.2	0.1
 191 191 127	76.9 -13.7 22.8	39.868 45.753 24.056	76.9 -13.3 22.3	0.6	0.3
 191 191 191	78.0 -2.2 -15.4	45.235 47.533 51.816	78.1 -1.8 -15.8	0.6	0.5
 191 191 255	79.5 13.1 -51.2	52.787 49.842 92.682	79.6 13.1 -51.3	0.1	0.0
 191 255 0	92.7 -67.7 88.3	44.375 73.043 8.995	92.6 -66.8 87.9	1.0	0.2
 191 255 63	92.8 -65.9 75.4	45.157 73.262 13.012	92.7 -64.9 75.1	1.0	0.3
 191 255 127	93.2 -59.6 43.6	48.108 74.263 28.209	93.2 -58.4 42.9	1.3	0.3
 191 255 191	94.0 -48.6 7.8	53.219 75.790 55.884	93.9 -47.5 7.0	1.3	0.5
 191 255 255	95.1 -33.7 -27.4	60.808 78.218 96.603	95.1 -33.2 -27.6	0.5	0.3
 255 0 0	58.5 99.9 83.7	50.879 23.353 0.868	58.2 99.9 82.4	1.2	0.5
 255 0 63	58.8 100.9 48.0	51.502 23.536 4.885	58.4 100.8 47.3	0.8	0.4
 255 0 127	59.6 104.6 1.5	54.325 24.388 19.856	59.3 104.5 0.6	0.9	0.4
 255 0 191	61.2 110.9 -39.4	59.531 25.998 47.473	60.9 110.8 -40.2	0.9	0.3
 255 0 255	63.4 119.5 -75.6	67.155 28.392 88.414	63.2 119.1 -76.1	0.6	0.2
 255 63 0	61.4 89.8 82.4	51.595 26.121 1.252	61.1 89.7 81.4	1.0	0.4
 255 63 63	61.6 90.9 50.8	52.490 26.434 5.315	61.4 90.8 50.1	0.7	0.3
 255 63 127	62.4 94.7 5.4	55.284 27.244 20.478	62.1 94.8 4.1	1.2	0.5
 255 63 191	63.9 101.4 -35.3	60.444 28.856 48.097	63.7 101.3 -36.3	1.0	0.3
 255 63 255	66.0 110.4 -71.6	68.047 31.241 89.084	65.8 110.0 -72.2	0.7	0.2
 255 127 0	70.3 58.8 82.8	54.446 36.339 2.668	70.0 58.7 82.1	0.8	0.3
 255 127 63	70.5 60.0 59.2	55.320 36.742 6.711	70.3 59.6 58.8	0.6	0.2
 255 127 127	71.2 64.3 17.5	58.256 37.610 21.927	71.0 64.2 16.4	1.1	0.5
 255 127 191	72.4 71.7 -22.3	63.320 39.217 49.533	72.2 71.3 -23.2	0.9	0.4
 255 127 255	74.1 81.8 -58.7	70.909 41.591 90.431	74.0 81.2 -59.2	0.8	0.3
 255 191 0	83.2 16.7 87.9	59.826 55.529 5.340	83.1 16.1 87.4	0.8	0.3
 255 191 63	83.4 18.0 70.8	60.599 55.804 9.424	83.2 17.3 70.3	0.9	0.4
 255 191 127	83.9 22.5 34.2	63.522 56.795 24.609	83.8 21.8 33.2	1.1	0.4
 255 191 191	84.8 30.4 -4.0	68.775 58.382 52.429	84.8 30.0 -5.0	1.0	0.6
 255 191 255	86.1 41.4 -40.1	76.338 60.745 93.211	86.1 40.6 -40.5	0.8	0.5

Color Patch	Target L*a*b*	Measured XYZ	Measured L*a*b*	dEab	dE2000
 255 255 0	97.9 -27.7 96.1	67.735 83.723 9.330	97.6 -27.8 95.4	0.8	0.3
 255 255 63	98.0 -26.4 83.5	68.564 83.994 13.348	97.7 -26.5 82.8	0.7	0.2
 255 255 127	98.4 -21.9 52.0	71.416 84.956 28.521	98.2 -22.0 51.0	1.0	0.4
 255 255 191	99.1 -13.9 16.2	76.656 86.533 56.368	98.9 -13.8 15.0	1.2	0.7
255 255 255	100.1 -2.7 -19.0	84.505 89.106 97.690	100.0 -2.8 -19.9	0.9	0.5
 32 32 32	10.9 -0.6 -4.4	1.080 1.135 1.259	11.1 -0.5 -4.8	0.5	0.4
 98 98 98	41.9 -1.4 -9.5	10.579 11.145 12.166	42.0 -1.3 -9.8	0.4	0.3
 131 131 131	55.4 -1.7 -11.7	19.817 20.870 22.855	55.5 -1.6 -12.2	0.5	0.4
 157 157 157	65.5 -1.9 -13.3	29.412 30.965 33.901	65.6 -1.8 -13.9	0.6	0.4
 178 178 178	73.3 -2.1 -14.6	38.767 40.749 44.551	73.4 -1.7 -15.2	0.7	0.5
 196 196 196	79.8 -2.2 -15.7	48.001 50.439 55.081	80.0 -1.8 -16.2	0.7	0.6
 213 213 213	85.8 -2.4 -16.6	57.573 60.556 66.009	86.0 -2.1 -17.1	0.6	0.4
 228 228 228	91.0 -2.5 -17.5	66.849 70.424 76.872	91.2 -2.4 -18.1	0.6	0.4
 242 242 242	95.7 -2.6 -18.3	76.174 80.168 87.822	96.0 -2.4 -19.1	0.9	0.5

delta-E Average	0.6	0.2
delta-E Max	1.3	0.7
delta-E White Point	0.9	0.5