

# ColorNavigator Validation Result

## Basics

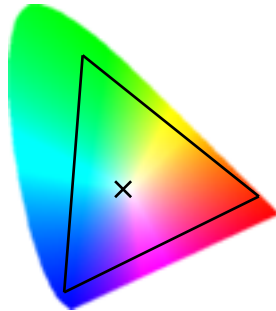
---

Validation Date : 2011/11/08 18:39  
Monitor Name(Serial) : CG275W (21014061)  
Measurement Device Name(Serial) : CG275W Built-In (21014061)  
Monitor Usage Time : 119 hour(s)  
ColorNavigator Version : 5.4.5.11

## Adjusted Monitor Status

---
















Adjustment Target : CG275W(21014061) INT 90cd 6500K 2,20  
Adjustment Date : 2011/11/08 16:41  
Usage Time : 116 hour(s)  
Measurement Device Name(Serial) : CG275W Built-In (21014061)  
Compensation Table : Color Management








	Target	Result
Brightness	90 cd/m2	89,98 cd/m2
Black Level	Minimum	0,25 cd/m2
Contrast Ratio	-	355 : 1
White Point	(0.313,0.329)	(0.313,0.329)
Color Temperature	6500K	6504K
Gamma Red	2,20	-
Gamma Green	2,20	-
Gamma Blue	2,20	-
Chromaticity Red	-	(0.679,0.307)
Chromaticity Green	-	(0.201,0.692)
Chromaticity Blue	-	(0.150,0.046)
Priority	Gray balance	-














---

## Detailed Results

Color Patch	Target L*a*b*	Measured XYZ	Measured L*a*b*	dEab	dE2000
 0 0 0	2.5 -0.1 -1.4	0.204 0.211 0.257	2.2 0.0 -1.8	0.5	0.4
 0 0 63	4.6 22.9 -41.5	0.904 0.415 4.051	4.3 23.0 -41.8	0.4	0.2
 0 0 127	11.9 54.1 -78.6	3.482 1.153 18.020	11.5 54.8 -78.9	0.9	0.4
 0 0 190	20.1 76.5 -108.2	8.336 2.563 44.263	19.9 77.2 -108.6	0.8	0.2
 0 0 255	28.0 96.1 -134.7	15.497 4.698 82.927	27.9 95.9 -134.4	0.4	0.1
 0 63 0	21.6 -47.4 22.6	0.970 2.901 0.663	21.4 -47.9 22.4	0.6	0.3
 0 63 63	22.4 -28.8 -13.3	1.676 3.145 4.426	22.4 -29.7 -12.9	1.0	0.6
 0 63 127	25.3 8.3 -56.5	4.249 3.844 18.416	25.0 8.2 -56.4	0.2	0.2
 0 63 190	29.7 41.9 -92.1	9.091 5.271 44.586	29.6 42.0 -92.2	0.2	0.1
 0 63 255	35.1 70.0 -122.7	16.336 7.442 83.683	35.2 69.6 -122.5	0.4	0.1
 0 127 0	45.4 -85.5 43.6	3.770 12.742 2.132	45.2 -85.9 43.5	0.4	0.2
 0 127 63	45.8 -76.5 18.9	4.467 12.952 5.891	45.5 -77.0 19.1	0.5	0.2
 0 127 127	46.9 -50.7 -22.5	7.055 13.764 19.804	46.8 -51.4 -22.1	0.8	0.4
 0 127 190	49.0 -18.4 -60.8	11.903 15.157 46.035	48.8 -18.5 -60.8	0.2	0.2
 0 127 255	51.9 13.8 -95.1	19.152 17.392 85.055	51.9 13.3 -94.8	0.6	0.2
 0 190 0	66.6 -116.8 60.3	9.155 31.556 4.948	66.8 -117.7 60.7	1.0	0.2
 0 190 63	66.7 -111.6 43.3	9.901 31.866 8.806	67.1 -112.6 43.7	1.1	0.3
 0 190 127	67.4 -94.5 7.0	12.496 32.548 22.878	67.7 -95.3 7.5	1.0	0.3
 0 190 190	68.6 -69.1 -30.4	17.380 34.050 49.169	68.9 -69.9 -30.0	1.0	0.4
 0 190 255	70.3 -40.0 -65.5	24.609 36.199 88.152	70.7 -41.1 -64.9	1.2	0.5
 0 255 0	85.9 -145.0 75.1	17.224 59.448 9.200	86.3 -145.5 75.4	0.6	0.2
 0 255 63	86.0 -141.5 62.8	17.948 59.653 13.070	86.4 -142.0 63.0	0.6	0.2
 0 255 127	86.5 -129.5 32.1	20.569 60.445 27.188	86.8 -130.0 32.4	0.7	0.2
 0 255 190	87.3 -110.0 -3.0	25.432 61.856 53.392	87.6 -110.5 -2.7	0.6	0.3
 0 255 255	88.4 -85.6 -37.6	32.722 64.129 92.552	88.9 -86.4 -37.1	1.0	0.4
 63 0 0	12.2 33.0 14.7	2.490 1.245 0.295	12.2 33.4 14.6	0.5	0.2
 63 0 63	13.7 40.1 -26.1	3.194 1.452 4.103	13.7 40.5 -26.0	0.3	0.2
 63 0 127	18.2 58.0 -67.9	5.729 2.173 18.051	17.9 58.3 -67.8	0.3	0.2
 63 0 190	24.3 77.8 -101.1	10.629 3.596 44.441	24.1 78.3 -101.4	0.6	0.2
 63 0 255	30.9 96.6 -129.6	17.894 5.770 83.607	31.0 96.4 -129.6	0.2	0.1
 63 63 0	25.4 -9.2 28.6	3.268 3.997 0.704	25.6 -9.6 28.8	0.4	0.3
 63 63 63	26.2 -0.8 -7.1	4.020 4.247 4.567	26.4 -1.1 -6.8	0.5	0.5
 63 63 127	28.6 22.0 -50.9	6.609 4.947 18.684	28.6 22.1 -50.8	0.1	0.1
 63 63 190	32.5 48.3 -87.4	11.505 6.367 45.134	32.6 48.7 -87.8	0.5	0.1
 63 63 255	37.4 73.1 -118.9	18.762 8.567 84.262	37.6 72.7 -118.7	0.5	0.2
 63 127 0	47.0 -62.6 45.9	6.099 13.888 2.182	47.0 -62.6 46.1	0.2	0.1
 63 127 63	47.3 -56.1 21.4	6.830 14.169 6.063	47.4 -56.4 21.5	0.3	0.1
 63 127 127	48.4 -36.2 -20.0	9.425 14.910 20.145	48.5 -36.5 -19.9	0.3	0.2
 63 127 190	50.4 -9.0 -58.4	14.326 16.318 46.570	50.5 -8.8 -58.7	0.4	0.1
 63 127 255	53.2 19.7 -92.9	21.654 18.603 85.904	53.4 19.4 -92.8	0.4	0.3

Color Patch	Target L*a*b*	Measured XYZ	Measured L*a*b*	dEab	dE2000
 63 190 0	67.4 -102.4 61.6	11.473 32.683 5.000	67.8 -103.2 62.1	0.9	0.3
 63 190 63	67.6 -98.0 44.6	12.216 32.952 8.880	68.0 -98.8 45.1	0.9	0.3
 63 190 127	68.3 -83.1 8.4	14.838 33.712 23.067	68.6 -83.9 8.8	0.9	0.4
 63 190 190	69.4 -60.4 -29.0	19.712 35.212 49.315	69.9 -61.4 -28.6	1.1	0.5
 63 190 255	71.1 -33.6 -64.1	27.027 37.389 88.686	71.6 -34.6 -63.7	1.1	0.5
 63 255 0	86.5 -135.1 76.0	19.579 60.726 9.293	87.0 -135.8 76.3	0.8	0.3
 63 255 63	86.6 -131.9 63.7	20.305 60.964 13.124	87.1 -132.6 64.2	0.9	0.3
 63 255 127	87.1 -120.8 33.0	22.977 61.859 27.343	87.6 -121.6 33.5	1.1	0.4
 63 255 190	87.8 -102.7 -2.1	27.837 63.323 53.599	88.4 -103.7 -1.6	1.2	0.5
 63 255 255	89.0 -79.8 -36.7	35.090 65.366 92.798	89.5 -80.7 -36.1	1.1	0.5
 127 0 0	28.7 59.5 40.3	10.844 5.030 0.428	28.9 59.5 40.5	0.3	0.2
 127 0 63	29.3 62.3 0.0	11.481 5.194 4.225	29.4 62.3 0.4	0.3	0.1
 127 0 127	31.4 71.4 -45.3	14.078 5.935 18.319	31.4 71.6 -45.2	0.2	0.1
 127 0 190	34.9 84.9 -82.8	19.012 7.372 44.887	35.0 85.3 -83.3	0.6	0.1
 127 0 255	39.4 100.4 -115.1	26.302 9.559 84.231	39.6 100.3 -115.3	0.3	0.2
 127 63 0	35.7 35.4 43.8	11.575 7.729 0.836	35.8 35.3 43.9	0.2	0.1
 127 63 63	36.1 38.6 9.4	12.328 7.950 4.676	36.3 38.7 9.6	0.3	0.2
 127 63 127	37.8 49.1 -35.3	14.882 8.682 18.701	37.8 49.1 -35.0	0.3	0.1
 127 63 190	40.5 64.8 -73.7	19.786 10.129 45.237	40.7 64.8 -73.9	0.2	0.1
 127 63 255	44.3 82.8 -107.1	27.063 12.321 84.548	44.5 82.4 -107.1	0.5	0.3
 127 127 0	52.2 -15.9 53.7	14.365 17.672 2.325	52.2 -16.3 53.9	0.4	0.2
 127 127 63	52.4 -12.6 29.7	15.103 17.920 6.146	52.6 -13.0 30.0	0.5	0.3
 127 127 127	53.4 -1.3 -11.7	17.796 18.744 20.325	53.6 -1.5 -11.5	0.4	0.4
 127 127 190	55.1 16.3 -50.4	22.675 20.098 46.785	55.2 16.5 -50.7	0.4	0.1
 127 127 255	57.5 37.3 -85.4	29.995 22.342 86.160	57.8 37.1 -85.5	0.3	0.3
 127 190 0	70.5 -64.5 66.2	19.874 36.598 5.165	71.0 -65.3 66.7	1.0	0.4
 127 190 63	70.7 -61.5 49.5	20.625 36.883 9.074	71.2 -62.4 49.9	1.1	0.5
 127 190 127	71.3 -51.3 13.4	23.260 37.609 23.326	71.8 -52.1 13.7	0.9	0.4
 127 190 190	72.4 -34.7 -24.1	28.132 39.050 49.678	72.9 -35.5 -23.8	0.9	0.5
 127 190 255	74.0 -13.8 -59.3	35.444 41.236 89.008	74.5 -14.7 -59.0	1.0	0.6
 127 255 0	88.6 -105.4 79.1	27.986 64.694 9.431	89.2 -106.3 79.6	1.1	0.4
 127 255 63	88.7 -103.0 66.9	28.755 64.903 13.345	89.3 -103.6 67.3	0.9	0.4
 127 255 127	89.1 -94.4 36.3	31.367 65.674 27.493	89.7 -95.1 36.9	1.0	0.4
 127 255 190	89.9 -79.9 1.2	36.329 67.148 54.131	90.5 -80.4 1.4	0.8	0.4
 127 255 255	91.0 -60.8 -33.3	43.603 69.422 93.253	91.7 -61.8 -32.8	1.3	0.6
 190 0 0	43.7 81.3 61.1	26.829 12.163 0.683	44.3 82.5 61.5	1.3	0.5
 190 0 63	44.1 82.9 24.1	27.474 12.350 4.523	44.6 83.9 24.8	1.3	0.5
 190 0 127	45.3 88.3 -21.9	29.968 13.052 18.519	45.7 89.2 -21.1	1.2	0.5
 190 0 190	47.5 97.3 -61.5	34.931 14.469 45.054	47.8 98.5 -61.3	1.2	0.4
 190 0 255	50.5 108.9 -96.2	42.279 16.657 84.405	50.9 109.8 -95.9	1.0	0.5

Color Patch	Target L*a*b*	Measured XYZ	Measured L*a*b*	dEab	dE2000
 190 63 0	48.0 66.4 61.1	27.502 14.870 1.084	48.4 67.3 61.6	1.1	0.5
 190 63 63	48.3 68.1 29.0	28.295 15.086 4.930	48.7 69.3 29.6	1.4	0.5
 190 63 127	49.4 74.0 -15.9	30.848 15.851 18.950	49.8 74.8 -14.9	1.3	0.6
 190 63 190	51.3 83.8 -55.5	35.785 17.261 45.539	51.7 84.8 -55.3	1.1	0.5
 190 63 255	54.0 96.4 -90.5	42.969 19.404 84.740	54.4 96.9 -90.2	0.7	0.5
 190 127 0	60.1 25.9 65.2	30.343 24.836 2.567	60.4 27.1 65.8	1.3	0.7
 190 127 63	60.3 27.7 42.1	31.046 25.170 6.460	60.8 28.3 42.7	0.9	0.5
 190 127 127	61.1 34.3 1.0	33.752 25.869 20.663	61.5 35.4 1.4	1.2	0.6
 190 127 190	62.5 45.4 -38.0	38.588 27.290 46.931	62.9 46.3 -37.7	1.0	0.5
 190 127 255	64.5 59.8 -73.6	45.945 29.575 86.486	65.0 60.2 -73.3	0.7	0.5
 190 190 0	75.7 -21.6 73.9	35.693 43.820 5.450	76.4 -21.8 74.5	0.8	0.5
 190 190 63	75.9 -19.7 57.5	36.482 44.085 9.316	76.6 -19.8 58.2	0.9	0.5
 190 190 127	76.4 -13.1 21.8	39.055 44.800 23.406	77.0 -13.2 22.7	1.1	0.6
 190 190 190	77.4 -1.7 -15.7	44.157 46.366 50.112	78.1 -1.7 -15.3	0.8	0.6
 190 190 255	78.8 13.4 -51.2	51.338 48.420 89.395	79.5 13.2 -50.7	0.8	0.5
 190 255 0	92.2 -66.4 84.6	43.959 71.923 9.772	93.0 -66.2 84.9	0.8	0.5
 190 255 63	92.3 -64.7 72.5	44.644 72.008 13.621	93.0 -64.3 72.9	0.8	0.4
 190 255 127	92.7 -58.5 42.1	47.429 72.958 27.811	93.5 -58.1 42.8	1.0	0.6
 190 255 190	93.4 -47.7 7.1	52.253 74.330 54.377	94.2 -47.5 7.5	0.8	0.5
 190 255 255	94.5 -33.1 -27.5	59.616 76.618 93.637	95.3 -33.1 -26.9	1.0	0.6
 255 0 0	57.6 100.9 78.5	49.880 22.532 1.022	58.0 101.8 79.1	1.0	0.4
 255 0 63	57.8 102.0 45.7	50.495 22.684 4.919	58.2 102.8 46.0	0.9	0.4
 255 0 127	58.6 105.6 0.3	53.116 23.427 19.019	59.0 106.6 0.7	1.0	0.4
 255 0 190	60.1 112.0 -40.1	58.036 24.941 45.575	60.5 112.6 -40.1	0.7	0.4
 255 0 255	62.3 120.7 -76.2	65.285 27.115 84.968	62.7 121.0 -76.0	0.5	0.4
 255 63 0	60.5 90.7 77.7	50.562 25.315 1.451	60.9 91.1 78.1	0.7	0.4
 255 63 63	60.7 91.8 48.5	51.369 25.557 5.388	61.2 92.3 48.6	0.7	0.4
 255 63 127	61.5 95.7 4.2	53.925 26.210 19.634	61.8 96.4 4.2	0.8	0.4
 255 63 190	62.8 102.4 -36.0	58.819 27.614 46.018	63.2 103.2 -36.1	0.9	0.3
 255 63 255	64.8 111.5 -72.1	66.059 29.781 85.347	65.2 112.0 -72.0	0.6	0.3
 255 127 0	69.5 59.5 78.7	53.313 35.080 2.928	69.8 60.5 79.0	1.0	0.4
 255 127 63	69.7 60.7 56.7	54.087 35.393 6.827	70.0 61.5 56.9	0.9	0.4
 255 127 127	70.3 65.0 16.2	56.846 36.175 21.071	70.6 66.0 16.4	1.1	0.4
 255 127 190	71.4 72.4 -23.0	61.614 37.641 47.388	71.8 73.0 -22.9	0.7	0.3
 255 127 255	73.1 82.5 -59.1	68.882 39.827 86.774	73.5 82.9 -59.0	0.5	0.3
 255 190 0	82.5 17.4 83.9	58.787 54.181 5.838	83.1 17.2 84.2	0.7	0.4
 255 190 63	82.7 18.6 68.0	59.545 54.492 9.798	83.3 18.2 68.2	0.8	0.5
 255 190 127	83.1 23.1 32.7	62.188 55.263 23.999	83.8 22.7 33.1	0.8	0.6
 255 190 190	84.0 31.0 -4.8	67.167 56.686 50.650	84.6 30.9 -4.7	0.6	0.4
 255 190 255	85.2 41.9 -40.4	74.396 58.921 89.826	85.9 41.3 -39.9	1.0	0.5

Color Patch	Target L*a*b*	Measured XYZ	Measured L*a*b*	dEab	dE2000
 255 255 0	97.3 -26.8 92.0	66.814 82.183 10.164	97.9 -27.1 92.1	0.7	0.4
 255 255 63	97.4 -25.5 80.2	67.585 82.396 14.090	98.0 -25.8 80.2	0.7	0.4
 255 255 127	97.7 -21.1 50.1	70.158 83.083 28.286	98.3 -21.3 50.4	0.7	0.4
 255 255 190	98.4 -13.2 15.2	75.148 84.486 54.927	99.0 -13.1 15.1	0.6	0.4
255 255 255	99.3 -2.1 -19.4	82.620 86.797 94.407	100.0 -2.1 -19.3	0.7	0.4
 31 31 31	11.2 -0.5 -4.6	1.107 1.163 1.268	11.5 -0.5 -4.6	0.3	0.2
 97 97 97	41.6 -1.1 -9.7	10.208 10.740 11.714	41.8 -1.2 -9.7	0.2	0.2
 130 130 130	55.0 -1.3 -12.0	19.133 20.137 21.924	55.3 -1.5 -11.9	0.3	0.4
 157 157 157	65.0 -1.5 -13.6	28.578 30.122 32.537	65.5 -1.9 -13.2	0.8	0.7
 177 177 177	72.7 -1.7 -14.9	37.747 39.649 42.906	73.3 -1.6 -14.6	0.7	0.5
 195 195 195	79.2 -1.8 -16.0	46.891 49.172 53.135	80.0 -1.5 -15.6	0.9	0.7
 213 213 213	85.1 -1.9 -17.0	56.347 59.284 63.954	86.2 -2.1 -16.5	1.1	0.8
 228 228 228	90.3 -2.0 -17.9	65.469 68.868 74.487	91.4 -2.2 -17.5	1.2	0.8
 241 241 241	95.0 -2.1 -18.7	74.478 78.350 85.021	96.1 -2.3 -18.5	1.1	0.7

delta-E Average	0.7	0.4
delta-E Max	1.4	0.8
delta-E White Point	0.7	0.4