

# ColorNavigator Validation Result

## Basics

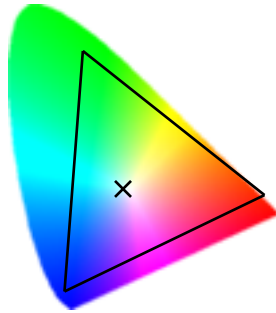
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Validation Date : 2010.09.30 13:09  
Monitor Name(Serial) : CG243W (03273040)  
Measurement Device Name(Serial) : Spyder3 / EX1 (01011394)  
Monitor Usage Time : 14 hour(s)  
ColorNavigator Version : 5.3.0.3

## Adjusted Monitor Status

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Adjustment Target : CG243W(03273040) 100cd 6500K 2,20  
Adjustment Date : 2010.09.30 13:03  
Usage Time : 14 hour(s)  
Measurement Device Name(Serial) : Spyder3 / EX1 (01011394)  
Compensation Table : Color Management



	Target	Result
Brightness	100 cd/m2	100,44 cd/m2
Black Level	Minimum	0,23 cd/m2
Contrast Ratio	-	444 : 1
White Point	(0.313,0.329)	(0.313,0.329)
Color Temperature	6500K	6510K
Gamma Red	2,20	-
Gamma Green	2,20	-
Gamma Blue	2,20	-
Chromaticity Red	-	(0.694,0.311)
Chromaticity Green	-	(0.201,0.704)
Chromaticity Blue	-	(0.151,0.048)
Priority	Gray balance	-

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# Detailed Results

Color Patch	Target L*a*b*	Measured XYZ	Measured L*a*b*	dEab	dE2000
 0 0 0	2.0 -0.1 -1.1	0.284 0.227 0.373	2.0 2.6 -3.5	3.7	4.3
 0 0 127	12.2 54.5 -79.5	4.183 1.408 21.636	12.0 54.9 -79.7	0.6	0.2
 0 0 255	29.1 95.5 -135.4	18.951 5.992 100.229	29.4 95.0 -135.0	0.7	0.2
 0 127 0	45.8 -87.3 46.9	4.382 15.014 2.276	45.6 -87.3 45.8	1.1	0.4
 0 127 127	47.4 -51.4 -22.6	8.393 16.201 23.673	47.2 -50.9 -22.9	0.5	0.3
 0 127 255	52.7 14.0 -96.1	23.240 20.901 102.483	52.8 14.4 -96.2	0.4	0.2
 0 255 0	86.6 -147.7 80.6	19.775 69.083 9.440	86.5 -147.0 79.6	1.2	0.2
 0 255 127	87.2 -131.5 34.1	23.915 70.552 31.044	87.2 -130.9 33.6	0.8	0.1
 0 255 255	89.3 -86.4 -37.8	38.489 74.937 108.816	89.3 -85.9 -37.7	0.5	0.1
 127 0 0	28.6 60.4 44.7	12.209 5.598 0.206	28.3 59.8 45.0	0.8	0.4
 127 0 127	31.6 72.2 -46.2	16.343 6.824 21.726	31.4 72.3 -46.4	0.4	0.2
 127 0 255	40.1 100.6 -116.3	31.089 11.375 100.135	40.2 100.5 -116.3	0.1	0.0
 127 127 0	52.5 -16.7 58.5	16.517 20.469 2.123	52.3 -17.0 58.8	0.4	0.2
 127 127 127	53.8 -1.6 -11.6	20.606 21.750 23.785	53.7 -1.8 -11.8	0.3	0.2
 127 127 255	58.2 37.5 -86.5	35.430 26.396 102.445	58.3 37.4 -86.6	0.2	0.2
 127 255 0	89.2 -107.6 85.1	31.881 74.630 9.261	89.1 -107.7 84.9	0.3	0.1
 127 255 127	89.8 -96.1 38.5	36.067 75.982 30.998	89.8 -95.9 38.1	0.5	0.1
 127 255 255	91.8 -61.6 -33.4	51.022 80.811 109.700	92.0 -61.3 -33.6	0.5	0.2
 255 0 0	57.6 102.2 94.6	56.637 25.406 -0.338	57.4 102.0 105.3	10.8	3.3
 255 0 127	58.7 106.9 0.7	60.612 26.580 21.216	58.5 106.8 1.4	0.8	0.3
 255 0 255	62.6 121.8 -77.5	75.559 31.277 100.751	62.7 121.5 -78.0	0.5	0.2
 255 127 0	69.7 59.8 88.3	61.064 40.459 1.573	69.7 59.5 94.4	6.1	2.0
 255 127 127	70.6 65.4 17.4	64.917 41.628 23.262	70.5 64.8 18.2	0.9	0.4
 255 127 255	73.6 83.1 -60.0	79.672 46.208 102.123	73.6 82.6 -60.1	0.5	0.1
 255 255 0	97.8 -27.9 100.0	76.488 94.475 8.949	97.7 -27.7 100.8	0.8	0.2
 255 255 127	98.3 -22.1 53.2	80.536 95.785 30.782	98.3 -22.0 53.1	0.2	0.1
 255 255 255	100.0 -2.7 -19.2	95.035 100.247 109.376	100.0 -2.8 -19.5	0.3	0.2
 16 16 16	4.1 -0.3 -2.2	0.420 0.452 0.607	4.1 -0.6 -4.4	2.2	2.0
 32 32 32	11.0 -0.6 -4.5	1.240 1.307 1.542	11.3 -0.6 -6.0	1.5	1.2
 64 64 64	26.7 -1.0 -7.1	4.715 4.975 5.529	26.6 -1.1 -7.7	0.6	0.5
 96 96 96	41.0 -1.3 -9.5	11.207 11.843 13.005	40.9 -1.5 -9.8	0.4	0.4
 160 160 160	66.5 -1.9 -13.7	34.185 36.063 39.282	66.5 -2.0 -13.8	0.2	0.1

delta-E Average	1.2	0.6
delta-E Max	10.8	4.3
delta-E White Point	0.3	0.2