

# ColorNavigator Validation Result

## Basics

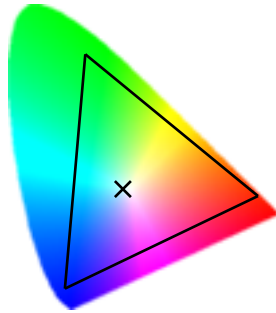
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Validation Date : 2011/03/21 23:19  
Monitor Name(Serial) : CG243W (43013050)  
Measurement Device Name(Serial) : Eye-One Monitor / Pro (612472)  
Monitor Usage Time : 327 hour(s)  
ColorNavigator Version : 5.4.2.1

## Adjusted Monitor Status

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Adjustment Target : CG243W(43013050) 100cd 6500K 2.20 Studio  
Adjustment Date : 2011/03/21 20:42  
Usage Time : 325 hour(s)  
Measurement Device Name(Serial) : Eye-One Monitor / Pro (612472)  
Compensation Table : Color Management



	Target	Result
Brightness	100 cd/m2	99.40 cd/m2
Black Level	Minimum	0.29 cd/m2
Contrast Ratio	-	347 : 1
White Point	(0.313,0.329)	(0.312,0.329)
Color Temperature	6500K	6534K
Gamma Red	2.20	-
Gamma Green	2.20	-
Gamma Blue	2.20	-
Chromaticity Red	-	(0.676,0.308)
Chromaticity Green	-	(0.208,0.695)
Chromaticity Blue	-	(0.152,0.056)
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	2.6 -0.2 -1.4	0.259 0.276 0.321	2.5 -0.3 -1.8	0.4	0.4
 0 0 127	13.9 48.3 -76.1	4.286 1.715 21.416	14.0 48.3 -76.1	0.0	0.0
 0 0 255	31.6 85.3 -130.0	18.827 6.935 97.812	31.7 84.8 -129.7	0.6	0.1
 0 127 0	45.4 -83.6 45.4	4.585 14.883 2.260	45.6 -84.0 45.8	0.6	0.2
 0 127 127	47.3 -49.5 -22.3	8.531 16.248 23.352	47.4 -50.1 -22.2	0.6	0.2
 0 127 255	53.5 11.7 -93.8	23.051 21.502 99.493	53.6 10.8 -93.2	1.1	0.4
 0 255 0	85.9 -142.0 78.5	20.080 67.225 9.272	85.8 -141.9 78.8	0.4	0.1
 0 255 127	86.6 -126.5 33.1	24.182 68.938 30.511	86.6 -126.6 33.2	0.1	0.0
 0 255 255	89.1 -83.6 -37.3	38.757 74.161 106.674	89.2 -83.7 -36.9	0.4	0.2
 127 0 0	28.7 58.8 39.7	12.184 5.667 0.508	28.6 59.0 39.7	0.2	0.1
 127 0 127	32.1 68.9 -45.1	16.170 7.054 21.621	32.0 69.3 -45.4	0.5	0.1
 127 0 255	41.8 93.2 -112.7	30.794 12.334 98.119	41.8 93.0 -112.5	0.2	0.1
 127 127 0	52.1 -15.8 55.2	16.472 20.219 2.347	52.2 -16.1 56.4	1.3	0.4
 127 127 127	53.7 -1.6 -11.7	20.538 21.700 23.570	53.8 -1.9 -11.6	0.3	0.3
 127 127 255	58.9 34.6 -84.6	35.110 26.967 99.971	59.1 34.1 -84.2	0.7	0.3
 127 255 0	88.5 -103.6 82.3	32.120 72.985 9.544	88.6 -103.7 82.8	0.4	0.1
 127 255 127	89.2 -92.6 37.3	36.176 74.437 30.767	89.3 -92.7 37.4	0.1	0.1
 127 255 255	91.6 -59.7 -33.1	50.833 79.725 107.279	91.7 -59.8 -32.9	0.3	0.1
 255 0 0	57.5 99.9 77.1	55.359 25.263 1.272	57.5 99.7 76.8	0.4	0.1
 255 0 127	58.9 103.8 -0.5	59.315 26.640 22.460	58.8 103.7 -0.9	0.5	0.2
 255 0 255	63.4 116.5 -75.9	74.051 31.931 99.268	63.4 116.3 -76.2	0.3	0.1
 255 127 0	69.5 58.7 79.4	59.561 39.767 3.269	69.4 58.2 79.0	0.6	0.1
 255 127 127	70.5 63.7 15.8	63.754 41.379 24.561	70.6 63.1 15.5	0.7	0.2
 255 127 255	74.0 79.7 -59.1	78.299 46.525 101.244	74.0 79.2 -59.3	0.5	0.2
 255 255 0	97.2 -26.5 94.8	75.311 92.449 10.494	97.2 -26.7 94.4	0.5	0.1
 255 255 127	97.8 -20.9 50.9	79.419 93.994 31.679	97.8 -21.1 50.6	0.4	0.2
 255 255 255	99.8 -2.7 -19.5	94.184 99.487 108.386	100.0 -3.0 -19.4	0.4	0.4
 16 16 16	4.6 -0.3 -2.6	0.433 0.493 0.510	4.5 -1.7 -2.0	1.5	2.0
 32 32 32	11.4 -0.6 -4.6	1.248 1.337 1.440	11.6 -1.3 -4.4	0.7	0.9
 64 64 64	26.8 -1.0 -7.2	4.758 5.023 5.494	26.9 -1.1 -7.3	0.1	0.2
 96 96 96	41.0 -1.3 -9.6	11.052 11.697 12.754	40.8 -1.6 -9.5	0.4	0.4
 160 160 160	66.4 -1.9 -13.9	33.527 35.378 38.615	66.2 -2.0 -13.9	0.3	0.3

delta-E Average	0.5	0.3
delta-E Max	1.5	2.0
delta-E White Point	0.4	0.4