

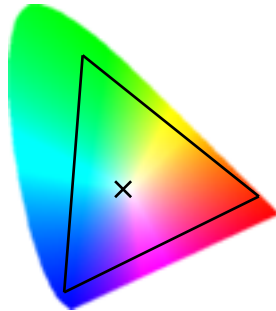
ColorNavigator Validation Result

Basics

Validation Date : 2011/11/08 16:42
Monitor Name(Serial) : CG275W (21014061)
Measurement Device Name(Serial) : CG275W Built-In (21014061)
Monitor Usage Time : 116 hour(s)
ColorNavigator Version : 5.4.5.11

































Adjusted Monitor Status

Adjustment Target : CG275W(21014061) 90cd 6500K 2,20 test
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 | 0.241 0.253 0.300 | 2.5 -0.1 -1.9 | 0.4 | 0.4 |
|  0 0 127 | 12.1 54.4 -79.1 | 3.738 1.253 19.251 | 11.9 55.0 -79.5 | 0.7 | 0.2 |
|  0 0 255 | 28.3 96.8 -135.6 | 16.457 4.998 87.968 | 28.3 96.6 -135.4 | 0.2 | 0.0 |
|  0 127 0 | 45.9 -86.1 43.9 | 4.010 13.489 2.288 | 45.7 -86.2 43.6 | 0.4 | 0.2 |
|  0 127 127 | 47.4 -51.1 -22.7 | 7.485 14.537 21.037 | 47.2 -51.4 -22.5 | 0.4 | 0.2 |
|  0 127 255 | 52.3 13.9 -95.7 | 20.197 18.286 89.667 | 52.3 13.6 -95.5 | 0.4 | 0.1 |
|  0 255 0 | 86.6 -146.0 75.7 | 17.959 61.931 9.615 | 86.5 -145.8 75.4 | 0.3 | 0.1 |
|  0 255 127 | 87.2 -130.3 32.3 | 21.437 62.828 28.491 | 87.0 -129.9 32.1 | 0.5 | 0.1 |
|  0 255 255 | 89.2 -86.2 -37.8 | 34.197 66.816 97.078 | 89.1 -86.2 -37.6 | 0.2 | 0.1 |
|  127 0 0 | 29.0 59.9 40.6 | 11.366 5.267 0.480 | 29.1 59.9 40.0 | 0.5 | 0.2 |
|  127 0 127 | 31.8 71.9 -45.6 | 14.740 6.221 19.185 | 31.6 71.8 -45.3 | 0.3 | 0.1 |
|  127 0 255 | 39.8 101.0 -115.9 | 27.428 9.978 87.735 | 39.8 100.5 -115.5 | 0.7 | 0.1 |
|  127 127 0 | 52.6 -16.0 54.0 | 15.023 18.458 2.445 | 52.5 -16.2 53.9 | 0.3 | 0.2 |
|  127 127 127 | 53.9 -1.3 -11.8 | 18.671 19.596 21.382 | 53.8 -1.2 -11.8 | 0.1 | 0.1 |
|  127 127 255 | 58.0 37.5 -86.0 | 31.364 23.336 89.901 | 58.0 37.4 -85.7 | 0.3 | 0.1 |
|  127 255 0 | 89.3 -106.2 79.7 | 29.124 67.003 9.791 | 89.2 -105.8 79.5 | 0.4 | 0.1 |
|  127 255 127 | 89.8 -95.0 36.6 | 32.597 68.010 28.764 | 89.7 -94.7 36.4 | 0.3 | 0.1 |
|  127 255 255 | 91.7 -61.2 -33.6 | 45.334 71.966 97.184 | 91.8 -61.4 -33.2 | 0.4 | 0.2 |
|  255 0 0 | 58.1 101.6 79.1 | 51.715 23.308 1.081 | 58.0 102.1 78.7 | 0.6 | 0.3 |
|  255 0 127 | 59.2 106.4 0.3 | 55.077 24.288 19.860 | 59.0 106.7 0.4 | 0.3 | 0.1 |
|  255 0 255 | 62.8 121.5 -76.7 | 67.737 28.090 88.341 | 62.8 121.3 -76.3 | 0.4 | 0.1 |
|  255 127 0 | 70.1 59.9 79.2 | 55.374 36.636 3.100 | 70.0 60.0 78.9 | 0.3 | 0.1 |
|  255 127 127 | 70.9 65.4 16.4 | 59.054 37.733 22.045 | 70.9 65.6 16.3 | 0.2 | 0.1 |
|  255 127 255 | 73.7 83.1 -59.5 | 71.569 41.521 90.436 | 73.7 82.6 -59.1 | 0.6 | 0.1 |
|  255 255 0 | 98.0 -26.9 92.6 | 69.133 84.851 10.521 | 97.8 -26.8 91.9 | 0.7 | 0.2 |
|  255 255 127 | 98.5 -21.2 50.5 | 72.725 85.990 29.311 | 98.3 -21.1 50.3 | 0.3 | 0.1 |
|  255 255 255 | 100.1 -2.2 -19.6 | 85.559 89.775 98.070 | 100.0 -1.9 -19.6 | 0.3 | 0.2 |
|  16 16 16 | 4.6 -0.3 -2.6 | 0.443 0.465 0.527 | 4.7 -0.2 -3.0 | 0.4 | 0.4 |
|  32 32 32 | 11.4 -0.5 -4.6 | 1.172 1.231 1.337 | 11.8 -0.5 -4.6 | 0.3 | 0.2 |
|  64 64 64 | 26.9 -0.8 -7.2 | 4.413 4.648 4.999 | 27.2 -1.0 -6.9 | 0.5 | 0.4 |
|  96 96 96 | 41.1 -1.1 -9.6 | 10.278 10.787 11.750 | 41.2 -1.0 -9.6 | 0.1 | 0.1 |
|  160 160 160 | 66.6 -1.5 -13.9 | 31.117 32.726 35.506 | 66.9 -1.7 -13.7 | 0.4 | 0.3 |

| | | |
|---------------------|-----|-----|
| delta-E Average | 0.4 | 0.2 |
| delta-E Max | 0.7 | 0.4 |
| delta-E White Point | 0.3 | 0.2 |