

# Colorimetric Report

## Page (1/4)



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|                  |                       |
|------------------|-----------------------|
| Test Device      | NEC SpectraView 241   |
| Target           | ECI-RGB 2.0           |
| Display Profile  | considered            |
| Rendering Intent | Relative colorimetric |

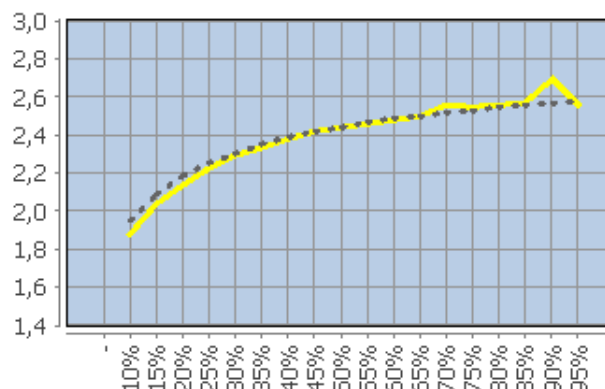
|                                     |                    |
|-------------------------------------|--------------------|
| White Point / CCT Kelvin            | 6411K              |
| White Point XYZ (normalized)        | 95.14 100.0 107.62 |
| DeltaE to D50/ D65                  | 18.64/ 0.79        |
| DeltaE to Blackbody Curve *         | 0.21               |
| Assumed Target Whitepoint           | 6400K              |
| DeltaE to Assumed Target Whitepoint | 0.29               |
| Brightness / cd/m <sup>2</sup> **   | 138.8              |
| Black Point / cd/m <sup>2</sup> **  | 0.23               |
| Contrast / x:1                      | 603:1              |
| Gradation (Average)                 | 2.39               |

\* Based on CCT \*\* Measured with X-Rite DTP94 or comparable probe

|  | Percent | Kelvin | deltaC | deltaE | Gamma |
|--|---------|--------|--------|--------|-------|
|  | 5       | -      | -      | -      | -     |
|  | 10      | 6522   | 0.6    | 1.79   | 1.88  |
|  | 15      | 6350   | 0.24   | 0.87   | 2.04  |
|  | 20      | 6320   | 0.5    | 1.0    | 2.13  |
|  | 25      | 6405   | 0.15   | 0.64   | 2.22  |
|  | 30      | 6417   | 0.1    | 0.44   | 2.29  |
|  | 35      | 6384   | 0.19   | 0.23   | 2.33  |
|  | 40      | 6413   | 0.39   | 0.39   | 2.38  |
|  | 45      | 6398   | 0.26   | 0.26   | 2.42  |
|  | 50      | 6408   | 0.27   | 0.33   | 2.44  |
|  | 55      | 6407   | 0.22   | 0.22   | 2.46  |
|  | 60      | 6445   | 0.34   | 0.34   | 2.48  |
|  | 65      | 6435   | 0.2    | 0.23   | 2.5   |
|  | 70      | 6409   | 0.09   | 0.2    | 2.56  |
|  | 75      | 6448   | 0.24   | 0.31   | 2.55  |
|  | 80      | 6431   | 0.24   | 0.26   | 2.56  |
|  | 85      | 6424   | 0.16   | 0.17   | 2.57  |
|  | 90      | 6430   | 0.14   | 0.28   | 2.69  |
|  | 95      | 6446   | 0.27   | 0.28   | 2.56  |
|  | 100     | 6412   | -      | -      | -     |
|  | Average | -      | 0.26*  | 0.46*  | 2.39  |
|  | Maximum | -      | 0.6*   | 1.79*  | -     |
|  | Range   | -      | 0.69*  | -      | -     |

\* Only luminance > 1% considered  
Without Black Point Compensation

Corresponding Gamma



# Colorimetric Report

## Page (2/4)



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|                  |                       |
|------------------|-----------------------|
| Test Device      | NEC SpectraView 241   |
| Target           | ECI-RGB 2.0           |
| Display Profile  | considered            |
| Rendering Intent | Relative colorimetric |

|  | RGB        | deltaC | deltaH | deltaL | deltaE94 |
|--|------------|--------|--------|--------|----------|
|  | 255 0 0    | 19.1   | 14.11  | 2.02   | 5.49     |
|  | 0 255 0    | 12.22  | 4.56   | 0.73   | 2.13     |
|  | 0 0 255    | 3.88   | 5.12   | 2.33   | 3.03     |
|  | 0 255 255  | 13.28  | 0.42   | 1.04   | 2.66     |
|  | 255 0 255  | 1.72   | 1.99   | 0.89   | 1.2      |
|  | 255 255 0  | 7.97   | 2.65   | 0.59   | 1.79     |
|  | 170 85 85  | 0.46   | 0.33   | 0.02   | 0.23     |
|  | 85 170 85  | 1.03   | 0.05   | 0.37   | 0.44     |
|  | 85 85 170  | 0.05   | 0.16   | 0.22   | 0.24     |
|  | 85 170 170 | 0.13   | 0.06   | 0.02   | 0.06     |
|  | 170 85 170 | 0.44   | 0.36   | 0.1    | 0.25     |
|  | 170 170 85 | 0.86   | 0.25   | 0.21   | 0.38     |
|  | 229 0 0    | 12.55  | 11.84  | 0.09   | 4.39     |
|  | 204 0 0    | 10.35  | 10.03  | 0.06   | 4.0      |
|  | 178 0 0    | 8.27   | 7.63   | 0.09   | 3.35     |
|  | 153 0 0    | 6.07   | 5.86   | 0.0    | 2.8      |
|  | 127 0 0    | 5.4    | 4.75   | 0.28   | 2.59     |
|  | 102 0 0    | 3.35   | 3.83   | 0.15   | 2.2      |
|  | 76 0 0     | 1.85   | 3.47   | 0.27   | 2.15     |
|  | 0 229 0    | 11.74  | 4.07   | 0.36   | 2.04     |
|  | 0 204 0    | 11.3   | 3.43   | 0.01   | 1.99     |
|  | 0 178 0    | 10.36  | 2.9    | 0.29   | 1.96     |
|  | 0 153 0    | 10.0   | 2.28   | 0.13   | 1.97     |
|  | 0 127 0    | 8.99   | 1.51   | 0.28   | 1.9      |
|  | 0 102 0    | 9.04   | 0.65   | 0.12   | 2.04     |
|  | 0 76 0     | 9.66   | 1.23   | 0.44   | 2.65     |
|  | 0 0 229    | 2.69   | 4.98   | 2.24   | 2.98     |
|  | 0 0 204    | 2.4    | 4.55   | 2.11   | 2.84     |
|  | 0 0 178    | 2.31   | 4.2    | 1.91   | 2.68     |
|  | 0 0 153    | 2.87   | 3.36   | 1.79   | 2.46     |
|  | 0 0 127    | 3.63   | 2.49   | 2.04   | 2.55     |
|  | 0 0 102    | 2.94   | 2.47   | 2.2    | 2.7      |
|  | 0 0 76     | 0.32   | 4.39   | 1.09   | 2.85     |
|  | 0 229 229  | 12.4   | 0.95   | 0.8    | 2.62     |
|  | 0 204 204  | 11.52  | 1.21   | 0.67   | 2.61     |
|  | 0 178 178  | 10.24  | 0.65   | 0.71   | 2.51     |
|  | 0 153 153  | 9.18   | 0.98   | 0.52   | 2.46     |
|  | 0 127 127  | 8.49   | 1.41   | 0.29   | 2.55     |
|  | 0 102 102  | 7.0    | 0.73   | 0.37   | 2.3      |
|  | 0 76 76    | 6.66   | 0.78   | 0.65   | 2.56     |
|  | 229 0 229  | 0.59   | 0.31   | 0.02   | 0.16     |
|  | 204 0 204  | 0.12   | 0.66   | 0.13   | 0.31     |
|  | 178 0 178  | 0.29   | 0.47   | 0.1    | 0.24     |
|  | 153 0 153  | 0.51   | 0.83   | 0.07   | 0.42     |
|  | 127 0 127  | 0.65   | 0.53   | 0.2    | 0.38     |
|  | 102 0 102  | 0.88   | 0.37   | 0.4    | 0.52     |
|  | 76 0 76    | 1.55   | 0.03   | 0.58   | 0.79     |

# Colorimetric Report

## Page (3/4)



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|                  |                       |
|------------------|-----------------------|
| Test Device      | NEC SpectraView 241   |
| Target           | ECI-RGB 2.0           |
| Display Profile  | considered            |
| Rendering Intent | Relative colorimetric |

|  | RGB         | deltaC | deltaH | deltaL | deltaE94 |
|--|-------------|--------|--------|--------|----------|
|  | 229 229 0   | 7.29   | 0.23   | 0.31   | 1.38     |
|  | 204 204 0   | 7.07   | 0.23   | 0.38   | 1.46     |
|  | 178 178 0   | 6.67   | 0.7    | 0.57   | 1.59     |
|  | 153 153 0   | 6.26   | 0.13   | 0.48   | 1.57     |
|  | 127 127 0   | 6.06   | 0.07   | 0.41   | 1.66     |
|  | 102 102 0   | 6.08   | 0.31   | 0.3    | 1.84     |
|  | 76 76 0     | 4.92   | 0.33   | 0.12   | 1.73     |
|  | 255 25 25   | 8.02   | 3.2    | 2.16   | 2.67     |
|  | 255 51 51   | 5.33   | 0.08   | 1.96   | 2.13     |
|  | 255 76 76   | 5.0    | 0.06   | 1.93   | 2.11     |
|  | 255 102 102 | 4.9    | 0.83   | 1.75   | 2.02     |
|  | 255 127 127 | 4.84   | 0.8    | 1.45   | 1.83     |
|  | 255 153 153 | 3.96   | 0.83   | 1.4    | 1.78     |
|  | 255 178 178 | 3.22   | 0.56   | 1.07   | 1.5      |
|  | 255 204 204 | 2.33   | 0.76   | 0.83   | 1.35     |
|  | 255 229 229 | 1.33   | 0.01   | 0.49   | 0.91     |
|  | 25 255 25   | 7.42   | 5.24   | 0.5    | 1.89     |
|  | 51 255 51   | 3.76   | 2.26   | 0.13   | 0.87     |
|  | 76 255 76   | 0.82   | 0.66   | 0.02   | 0.24     |
|  | 102 255 102 | 0.12   | 0.41   | 0.14   | 0.2      |
|  | 127 255 127 | 0.49   | 0.54   | 0.05   | 0.23     |
|  | 153 255 153 | 0.01   | 0.43   | 0.01   | 0.19     |
|  | 178 255 178 | 0.01   | 0.37   | 0.13   | 0.23     |
|  | 204 255 204 | 0.6    | 0.5    | 0.07   | 0.38     |
|  | 229 255 229 | 0.5    | 0.64   | 0.07   | 0.56     |
|  | 25 25 255   | 3.11   | 3.59   | 1.54   | 2.09     |
|  | 51 51 255   | 2.17   | 0.75   | 0.42   | 0.63     |
|  | 76 76 255   | 1.84   | 0.61   | 0.12   | 0.44     |
|  | 102 102 255 | 1.07   | 0.1    | 0.1    | 0.25     |
|  | 127 127 255 | 1.45   | 0.49   | 0.03   | 0.41     |
|  | 153 153 255 | 0.93   | 0.56   | 0.1    | 0.41     |
|  | 178 178 255 | 0.57   | 0.58   | 0.2    | 0.44     |
|  | 204 204 255 | 0.22   | 0.34   | 0.3    | 0.39     |
|  | 229 229 255 | 0.43   | 0.14   | 0.33   | 0.43     |
|  | 25 255 255  | 11.21  | 0.0    | 1.04   | 2.34     |
|  | 51 255 255  | 8.02   | 0.31   | 0.82   | 1.75     |
|  | 76 255 255  | 3.18   | 0.54   | 0.28   | 0.74     |
|  | 102 255 255 | 0.38   | 0.54   | 0.17   | 0.31     |
|  | 127 255 255 | 0.36   | 0.36   | 0.29   | 0.35     |
|  | 153 255 255 | 0.39   | 0.56   | 0.07   | 0.32     |
|  | 178 255 255 | 0.15   | 0.03   | 0.27   | 0.27     |
|  | 204 255 255 | 0.15   | 0.02   | 0.18   | 0.19     |
|  | 229 255 255 | 0.66   | 0.12   | 0.21   | 0.44     |

# Colorimetric Report

## Page (4/4)



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|                  |                       |
|------------------|-----------------------|
| Test Device      | NEC SpectraView 241   |
| Target           | ECI-RGB 2.0           |
| Display Profile  | considered            |
| Rendering Intent | Relative colorimetric |

|  | RGB         | deltaC | deltaH | deltaL | deltaE94 |
|--|-------------|--------|--------|--------|----------|
|  | 255 25 255  | 1.53   | 2.33   | 1.02   | 1.38     |
|  | 255 51 255  | 1.47   | 2.26   | 0.93   | 1.3      |
|  | 255 76 255  | 1.25   | 2.22   | 1.01   | 1.37     |
|  | 255 102 255 | 1.54   | 2.21   | 0.89   | 1.32     |
|  | 255 127 255 | 1.27   | 2.01   | 0.89   | 1.29     |
|  | 255 153 255 | 1.67   | 1.74   | 0.64   | 1.14     |
|  | 255 178 255 | 1.25   | 1.58   | 0.59   | 1.1      |
|  | 255 204 255 | 1.0    | 1.31   | 0.34   | 0.97     |
|  | 255 229 255 | 0.55   | 0.91   | 0.2    | 0.78     |
|  | 255 255 25  | 4.68   | 2.58   | 0.73   | 1.49     |
|  | 255 255 51  | 0.03   | 2.27   | 0.77   | 1.19     |
|  | 255 255 76  | 0.32   | 2.99   | 0.47   | 1.34     |
|  | 255 255 102 | 0.74   | 2.73   | 0.56   | 1.36     |
|  | 255 255 127 | 1.12   | 2.25   | 0.6    | 1.28     |
|  | 255 255 153 | 0.78   | 2.23   | 0.46   | 1.3      |
|  | 255 255 178 | 0.95   | 1.39   | 0.55   | 1.05     |
|  | 255 255 204 | 0.86   | 0.89   | 0.53   | 0.89     |
|  | 255 255 229 | 0.68   | 0.26   | 0.48   | 0.66     |
|  | 213 255 0   | 5.88   | 2.11   | 0.09   | 1.3      |
|  | 159 191 0   | 5.65   | 1.01   | 0.58   | 1.39     |
|  | 106 128 0   | 5.45   | 0.83   | 0.28   | 1.54     |
|  | 0 255 85    | 10.66  | 6.49   | 0.58   | 2.52     |
|  | 0 191 64    | 9.16   | 4.55   | 0.35   | 2.28     |
|  | 0 128 42    | 7.92   | 3.08   | 0.26   | 2.21     |
|  | 0 128 255   | 4.17   | 7.64   | 1.43   | 3.85     |
|  | 0 96 191    | 3.33   | 6.22   | 1.21   | 3.55     |
|  | 0 64 128    | 3.66   | 4.11   | 1.38   | 3.1      |
|  | 170 0 255   | 1.55   | 0.02   | 0.0    | 0.26     |
|  | 127 0 191   | 0.61   | 0.51   | 0.11   | 0.28     |
|  | 85 0 128    | 1.54   | 0.4    | 0.59   | 0.74     |
|  | 255 0 42    | 4.96   | 0.18   | 2.16   | 2.28     |
|  | 191 0 32    | 1.74   | 0.86   | 0.15   | 0.5      |
|  | 128 0 21    | 2.68   | 1.79   | 0.14   | 1.13     |
|  | 170 85 0    | 8.56   | 6.16   | 0.14   | 3.24     |
|  | 0 170 85    | 9.62   | 3.38   | 0.08   | 2.3      |
|  | 85 0 170    | 0.59   | 0.12   | 0.38   | 0.4      |
|  | 0 85 170    | 3.05   | 6.18   | 1.25   | 3.69     |
|  | 170 0 85    | 1.03   | 0.45   | 0.05   | 0.33     |
|  | 85 170 0    | 4.31   | 2.47   | 0.8    | 1.56     |
|  | 123 127 127 | 0.16   | 0.39   | 0.01   | 0.4      |
|  | 127 123 127 | 0.69   | 0.31   | 0.17   | 0.69     |
|  | 127 127 123 | 0.4    | 0.28   | 0.09   | 0.46     |
|  | Average     | 3.94   | 1.92   | 0.58   | 1.51     |
|  | Maximum     | 19.1   | 14.11  | 2.33   | 5.49     |