

# Colorimetric Report

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|                  |                |
|------------------|----------------|
| Test Device      | Dell U2212HM   |
| Target           | sRGB           |
| Display Profile  | not considered |
| Rendering Intent | -              |

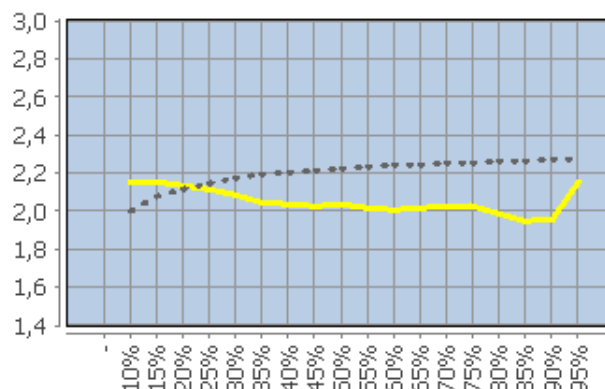
|                                     |                    |
|-------------------------------------|--------------------|
| White Point / CCT Kelvin            | 6300K              |
| White Point XYZ (normalized)        | 93.72 100.0 103.21 |
| DeltaE to D50/ D65                  | 16.19/ 4.24        |
| DeltaE to Blackbody Curve *         | 2.87               |
| Assumed Target Whitepoint           | 6300K              |
| DeltaE to Assumed Target Whitepoint | 2.87               |
| Brightness / cd/m <sup>2</sup> **   | 193.6              |
| Black Point / cd/m <sup>2</sup> **  | 0.17               |
| Contrast / x:1                      | 1139:1             |
| Gradation (Average)                 | 2.05               |

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

|  | Percent | Kelvin | deltaC | deltaE | Gamma |
|--|---------|--------|--------|--------|-------|
|  | 5       | -      | -      | -      | -     |
|  | 10      | 6220   | 0.3    | 2.31   | 2.15  |
|  | 15      | 6327   | 0.09   | 1.65   | 2.15  |
|  | 20      | 6387   | 0.26   | 0.41   | 2.13  |
|  | 25      | 6386   | 0.5    | 1.08   | 2.11  |
|  | 30      | 6476   | 0.68   | 2.19   | 2.08  |
|  | 35      | 6476   | 0.79   | 2.61   | 2.05  |
|  | 40      | 6507   | 0.98   | 3.25   | 2.04  |
|  | 45      | 6574   | 1.43   | 3.65   | 2.03  |
|  | 50      | 6597   | 1.7    | 3.59   | 2.04  |
|  | 55      | 6594   | 1.79   | 3.55   | 2.02  |
|  | 60      | 6593   | 1.97   | 3.65   | 2.01  |
|  | 65      | 6631   | 2.43   | 3.76   | 2.02  |
|  | 70      | 6638   | 2.72   | 3.74   | 2.03  |
|  | 75      | 6615   | 2.65   | 3.34   | 2.03  |
|  | 80      | 6559   | 2.3    | 3.09   | 1.99  |
|  | 85      | 6524   | 2.08   | 2.76   | 1.95  |
|  | 90      | 6494   | 1.98   | 2.37   | 1.96  |
|  | 95      | 6489   | 2.07   | 2.08   | 2.15  |
|  | 100     | 6300   | -      | -      | -     |
|  | Average | -      | 1.55*  | 2.75*  | 2.05  |
|  | Maximum | -      | 2.72*  | 3.76*  | -     |
|  | Range   | -      | 2.75*  | -      | -     |

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

Corresponding Gamma



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|                  |                |
|------------------|----------------|
| Test Device      | Dell U2212HM   |
| Target           | sRGB           |
| Display Profile  | not considered |
| Rendering Intent | -              |

|  | RGB        | deltaC | deltaH | deltaL | deltaE94 |
|--|------------|--------|--------|--------|----------|
|  | 255 0 0    | 4.39   | 2.67   | 0.35   | 1.34     |
|  | 0 255 0    | 7.25   | 10.9   | 0.88   | 4.15     |
|  | 0 0 255    | 12.48  | 7.7    | 5.33   | 6.18     |
|  | 0 255 255  | 2.26   | 0.13   | 0.28   | 0.75     |
|  | 255 0 255  | 5.69   | 3.75   | 1.89   | 2.51     |
|  | 255 255 0  | 9.41   | 3.14   | 0.96   | 2.37     |
|  | 170 85 85  | 2.47   | 1.19   | 2.04   | 2.36     |
|  | 85 170 85  | 1.17   | 2.01   | 2.09   | 2.38     |
|  | 85 85 170  | 1.73   | 1.41   | 3.66   | 3.78     |
|  | 85 170 170 | 0.74   | 2.41   | 2.8    | 3.3      |
|  | 170 85 170 | 0.66   | 3.91   | 3.05   | 3.72     |
|  | 170 170 85 | 1.59   | 0.44   | 2.01   | 2.09     |
|  | 229 0 0    | 4.53   | 3.63   | 0.08   | 1.71     |
|  | 204 0 0    | 4.05   | 3.85   | 0.53   | 1.92     |
|  | 178 0 0    | 3.8    | 3.91   | 0.65   | 2.07     |
|  | 153 0 0    | 2.78   | 3.42   | 1.04   | 2.07     |
|  | 127 0 0    | 2.14   | 2.74   | 1.11   | 1.9      |
|  | 102 0 0    | 1.38   | 1.87   | 1.27   | 1.71     |
|  | 76 0 0     | 1.61   | 1.27   | 0.7    | 1.22     |
|  | 0 229 0    | 8.13   | 9.22   | 0.32   | 3.74     |
|  | 0 204 0    | 8.3    | 8.21   | 1.15   | 3.77     |
|  | 0 178 0    | 7.87   | 7.2    | 1.41   | 3.68     |
|  | 0 153 0    | 7.78   | 6.37   | 2.0    | 3.87     |
|  | 0 127 0    | 6.22   | 5.18   | 2.09   | 3.58     |
|  | 0 102 0    | 5.27   | 4.29   | 2.1    | 3.38     |
|  | 0 76 0     | 1.98   | 3.01   | 1.07   | 2.12     |
|  | 0 0 229    | 6.03   | 5.23   | 5.0    | 5.4      |
|  | 0 0 204    | 3.78   | 4.33   | 4.96   | 5.25     |
|  | 0 0 178    | 2.53   | 3.78   | 4.8    | 5.05     |
|  | 0 0 153    | 1.4    | 3.25   | 4.34   | 4.56     |
|  | 0 0 127    | 1.62   | 2.95   | 4.13   | 4.35     |
|  | 0 0 102    | 2.19   | 2.84   | 3.78   | 4.07     |
|  | 0 0 76     | 1.33   | 1.14   | 2.38   | 2.5      |
|  | 0 229 229  | 1.96   | 2.01   | 1.4    | 1.94     |
|  | 0 204 204  | 1.35   | 2.1    | 2.18   | 2.58     |
|  | 0 178 178  | 1.24   | 2.46   | 2.49   | 2.98     |
|  | 0 153 153  | 0.49   | 1.5    | 2.99   | 3.16     |
|  | 0 127 127  | 0.36   | 1.16   | 2.99   | 3.1      |
|  | 0 102 102  | 0.09   | 0.29   | 2.9    | 2.91     |
|  | 0 76 76    | 0.7    | 0.01   | 1.7    | 1.74     |
|  | 229 0 229  | 1.26   | 4.9    | 2.1    | 2.83     |
|  | 204 0 204  | 0.37   | 4.87   | 2.41   | 3.12     |
|  | 178 0 178  | 1.26   | 4.84   | 2.51   | 3.28     |
|  | 153 0 153  | 1.66   | 4.06   | 2.73   | 3.32     |
|  | 127 0 127  | 1.58   | 3.65   | 2.59   | 3.18     |
|  | 102 0 102  | 0.99   | 2.77   | 2.49   | 2.91     |
|  | 76 0 76    | 0.58   | 2.16   | 1.74   | 2.15     |

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|                  |                |
|------------------|----------------|
| Test Device      | Dell U2212HM   |
| Target           | sRGB           |
| Display Profile  | not considered |
| Rendering Intent | -              |

|  | RGB         | deltaC | deltaH | deltaL | deltaE94 |
|--|-------------|--------|--------|--------|----------|
|  | 229 229 0   | 8.99   | 1.63   | 0.19   | 1.93     |
|  | 204 204 0   | 8.8    | 1.17   | 1.06   | 2.22     |
|  | 178 178 0   | 7.95   | 0.71   | 1.42   | 2.34     |
|  | 153 153 0   | 7.66   | 0.51   | 2.13   | 2.88     |
|  | 127 127 0   | 6.64   | 0.24   | 2.21   | 2.88     |
|  | 102 102 0   | 5.68   | 0.11   | 2.25   | 2.86     |
|  | 76 76 0     | 3.21   | 0.11   | 1.1    | 1.58     |
|  | 255 25 25   | 1.69   | 0.49   | 0.7    | 0.79     |
|  | 255 51 51   | 2.77   | 1.22   | 0.41   | 0.86     |
|  | 255 76 76   | 4.79   | 1.99   | 0.42   | 1.46     |
|  | 255 102 102 | 6.18   | 2.14   | 1.29   | 2.29     |
|  | 255 127 127 | 6.03   | 2.46   | 1.63   | 2.76     |
|  | 255 153 153 | 5.43   | 2.58   | 1.86   | 3.09     |
|  | 255 178 178 | 4.05   | 3.13   | 1.61   | 3.19     |
|  | 255 204 204 | 2.95   | 2.7    | 1.45   | 2.99     |
|  | 255 229 229 | 1.36   | 2.27   | 0.87   | 2.37     |
|  | 25 255 25   | 7.76   | 10.85  | 0.96   | 4.23     |
|  | 51 255 51   | 5.33   | 9.09   | 0.9    | 3.63     |
|  | 76 255 76   | 0.96   | 6.69   | 0.75   | 2.74     |
|  | 102 255 102 | 2.96   | 4.51   | 0.5    | 2.05     |
|  | 127 255 127 | 5.17   | 2.75   | 0.38   | 1.75     |
|  | 153 255 153 | 6.39   | 1.41   | 0.18   | 1.82     |
|  | 178 255 178 | 6.58   | 0.16   | 0.13   | 2.08     |
|  | 204 255 204 | 5.84   | 0.44   | 0.0    | 2.41     |
|  | 229 255 229 | 4.17   | 0.94   | 0.02   | 2.53     |
|  | 25 25 255   | 9.65   | 6.75   | 4.39   | 5.16     |
|  | 51 51 255   | 8.55   | 6.07   | 4.21   | 4.93     |
|  | 76 76 255   | 8.79   | 5.74   | 4.59   | 5.34     |
|  | 102 102 255 | 8.74   | 5.13   | 4.9    | 5.66     |
|  | 127 127 255 | 7.28   | 4.34   | 4.42   | 5.18     |
|  | 153 153 255 | 6.16   | 3.59   | 4.0    | 4.78     |
|  | 178 178 255 | 4.22   | 2.85   | 3.02   | 3.79     |
|  | 204 204 255 | 3.25   | 2.27   | 2.37   | 3.22     |
|  | 229 229 255 | 1.59   | 1.55   | 1.31   | 2.09     |
|  | 25 255 255  | 2.22   | 0.43   | 0.24   | 0.77     |
|  | 51 255 255  | 2.24   | 0.37   | 0.24   | 0.78     |
|  | 76 255 255  | 2.77   | 0.44   | 0.33   | 1.0      |
|  | 102 255 255 | 3.22   | 0.48   | 0.42   | 1.23     |
|  | 127 255 255 | 3.18   | 0.46   | 0.44   | 1.3      |
|  | 153 255 255 | 3.01   | 0.53   | 0.44   | 1.38     |
|  | 178 255 255 | 2.33   | 0.43   | 0.38   | 1.21     |
|  | 204 255 255 | 1.81   | 0.49   | 0.29   | 1.14     |
|  | 229 255 255 | 0.82   | 0.37   | 0.15   | 0.69     |

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|                  |                |
|------------------|----------------|
| Test Device      | Dell U2212HM   |
| Target           | sRGB           |
| Display Profile  | not considered |
| Rendering Intent | -              |

|  | RGB         | deltaC | deltaH | deltaL | deltaE94 |
|--|-------------|--------|--------|--------|----------|
|  | 255 25 255  | 4.73   | 3.81   | 1.66   | 2.31     |
|  | 255 51 255  | 5.28   | 3.74   | 1.79   | 2.46     |
|  | 255 76 255  | 6.72   | 3.65   | 2.3    | 2.98     |
|  | 255 102 255 | 8.16   | 3.51   | 2.76   | 3.53     |
|  | 255 127 255 | 7.94   | 3.21   | 2.79   | 3.61     |
|  | 255 153 255 | 7.6    | 2.8    | 2.72   | 3.66     |
|  | 255 178 255 | 5.86   | 2.27   | 2.21   | 3.17     |
|  | 255 204 255 | 4.78   | 1.74   | 1.83   | 2.93     |
|  | 255 229 255 | 2.59   | 1.11   | 1.03   | 2.02     |
|  | 255 255 25  | 9.86   | 3.14   | 1.05   | 2.51     |
|  | 255 255 51  | 7.27   | 2.78   | 1.0    | 2.12     |
|  | 255 255 76  | 3.03   | 2.15   | 0.93   | 1.48     |
|  | 255 255 102 | 0.78   | 1.72   | 0.82   | 1.17     |
|  | 255 255 127 | 3.12   | 1.38   | 0.73   | 1.3      |
|  | 255 255 153 | 4.6    | 1.21   | 0.59   | 1.67     |
|  | 255 255 178 | 5.28   | 1.1    | 0.49   | 2.11     |
|  | 255 255 204 | 4.97   | 0.93   | 0.33   | 2.42     |
|  | 255 255 229 | 3.9    | 0.81   | 0.22   | 2.55     |
|  | 213 255 0   | 8.57   | 6.67   | 0.7    | 3.2      |
|  | 159 191 0   | 8.34   | 3.62   | 1.29   | 2.78     |
|  | 106 128 0   | 6.61   | 2.05   | 2.18   | 3.03     |
|  | 0 255 85    | 0.21   | 5.57   | 0.79   | 2.31     |
|  | 0 191 64    | 4.44   | 5.47   | 1.3    | 2.92     |
|  | 0 128 42    | 6.41   | 5.73   | 2.06   | 4.01     |
|  | 0 128 255   | 6.14   | 6.23   | 4.42   | 5.52     |
|  | 0 96 191    | 0.51   | 1.31   | 4.02   | 4.08     |
|  | 0 64 128    | 3.8    | 1.65   | 2.24   | 2.79     |
|  | 170 0 255   | 7.64   | 3.84   | 3.66   | 4.08     |
|  | 127 0 191   | 0.16   | 3.38   | 3.69   | 3.94     |
|  | 85 0 128    | 0.97   | 2.95   | 3.06   | 3.38     |
|  | 255 0 42    | 2.88   | 0.9    | 0.4    | 0.77     |
|  | 191 0 32    | 1.0    | 0.31   | 0.45   | 0.52     |
|  | 128 0 21    | 0.84   | 2.37   | 0.95   | 1.61     |
|  | 170 85 0    | 0.06   | 1.85   | 1.46   | 1.74     |
|  | 0 170 85    | 1.14   | 2.48   | 1.9    | 2.29     |
|  | 85 0 170    | 0.06   | 3.31   | 3.92   | 4.16     |
|  | 0 85 170    | 2.01   | 0.15   | 3.62   | 3.67     |
|  | 170 0 85    | 0.66   | 4.33   | 1.22   | 2.55     |
|  | 85 170 0    | 7.95   | 5.57   | 1.64   | 3.47     |
|  | 123 127 127 | 1.14   | 1.15   | 3.1    | 3.47     |
|  | 127 123 127 | 1.0    | 1.54   | 3.11   | 3.56     |
|  | 127 127 123 | 1.2    | 1.36   | 3.05   | 3.5      |
|  | Average     | 4.0    | 2.89   | 1.85   | 2.79     |
|  | Maximum     | 12.48  | 10.9   | 5.33   | 6.18     |