

# Colorimetric Report

## Page (1/4)



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|                  |                |
|------------------|----------------|
| Test Device      | DELL U2713H    |
| Target           | sRGB           |
| Display Profile  | not considered |
| Rendering Intent | -              |

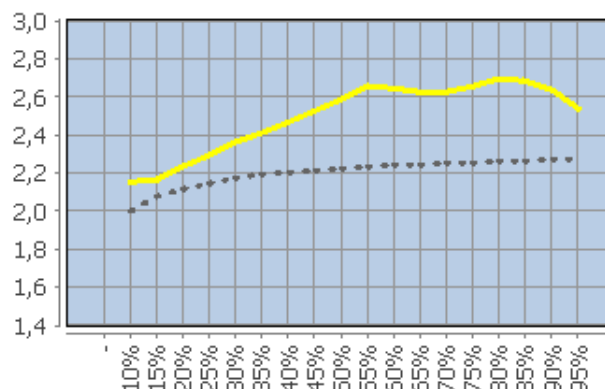
|                                     |                    |
|-------------------------------------|--------------------|
| White Point / CCT Kelvin            | 6233K              |
| White Point XYZ (normalized)        | 95.72 100.0 105.78 |
| DeltaE to D50/ D65                  | 17.3/ 2.25         |
| Assumed Target Whitepoint*          | 6200K              |
| DeltaE to Assumed Target Whitepoint | 1.5                |
| Brightness / cd/m <sup>2</sup> **   | 257.8              |
| Black Point / cd/m <sup>2</sup> **  | 0.28               |
| Contrast / x:1                      | 921:1              |
| Gradation (Average)                 | 2.49               |

\* Daylight \*\* Measured with X-Rite DTP94 or comparable probe

|  | Percent | Kelvin | deltaC | deltaE | Gamma |
|--|---------|--------|--------|--------|-------|
|  | 5       | -      | -      | -      | -     |
|  | 10      | 6884   | 0.95   | 2.52   | 2.15  |
|  | 15      | 6123   | 0.8    | 1.88   | 2.16  |
|  | 20      | 6044   | 1.29   | 2.49   | 2.23  |
|  | 25      | 6040   | 1.33   | 3.0    | 2.29  |
|  | 30      | 6019   | 1.58   | 3.6    | 2.36  |
|  | 35      | 6019   | 1.85   | 4.46   | 2.41  |
|  | 40      | 6029   | 1.99   | 4.98   | 2.47  |
|  | 45      | 6042   | 2.08   | 5.41   | 2.53  |
|  | 50      | 6052   | 2.18   | 5.89   | 2.59  |
|  | 55      | 6137   | 1.25   | 6.23   | 2.65  |
|  | 60      | 6119   | 0.85   | 5.3    | 2.64  |
|  | 65      | 6122   | 0.97   | 4.41   | 2.62  |
|  | 70      | 6130   | 1.08   | 3.75   | 2.62  |
|  | 75      | 6171   | 0.84   | 3.64   | 2.65  |
|  | 80      | 6252   | 0.25   | 3.06   | 2.69  |
|  | 85      | 6259   | 0.75   | 2.36   | 2.68  |
|  | 90      | 6229   | 0.45   | 1.27   | 2.63  |
|  | 95      | 6115   | 1.25   | 1.4    | 2.54  |
|  | 100     | 6233   | -      | -      | -     |
|  | Average | -      | 1.22*  | 3.71*  | 2.49  |
|  | Maximum | -      | 2.18*  | 6.23*  | -     |
|  | Range   | -      | 2.92*  | -      | -     |

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

Corresponding Gamma



# Colorimetric Report

## Page (2/4)



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|                  |                |
|------------------|----------------|
| Test Device      | DELL U2713H    |
| Target           | sRGB           |
| Display Profile  | not considered |
| Rendering Intent | -              |

|  | RGB        | deltaC | deltaH | deltaL | deltaE94 |
|--|------------|--------|--------|--------|----------|
|  | 255 0 0    | 29.48  | 2.13   | 4.02   | 6.6      |
|  | 0 255 0    | 44.45  | 25.41  | 1.87   | 11.6     |
|  | 0 0 255    | 9.57   | 3.77   | 1.2    | 2.21     |
|  | 0 255 255  | 31.75  | 4.11   | 1.8    | 10.19    |
|  | 255 0 255  | 16.22  | 11.78  | 2.83   | 5.78     |
|  | 255 255 0  | 13.82  | 1.3    | 0.02   | 2.63     |
|  | 170 85 85  | 12.39  | 0.08   | 2.14   | 5.02     |
|  | 85 170 85  | 17.3   | 9.66   | 5.07   | 8.78     |
|  | 85 85 170  | 0.57   | 0.61   | 3.8    | 3.82     |
|  | 85 170 170 | 14.8   | 2.92   | 5.04   | 8.65     |
|  | 170 85 170 | 7.32   | 7.01   | 2.42   | 4.97     |
|  | 170 170 85 | 4.16   | 0.65   | 4.17   | 4.41     |
|  | 229 0 0    | 24.54  | 1.07   | 2.75   | 5.38     |
|  | 204 0 0    | 19.1   | 0.07   | 1.24   | 4.03     |
|  | 178 0 0    | 14.44  | 1.61   | 0.41   | 3.26     |
|  | 153 0 0    | 9.25   | 3.08   | 0.71   | 2.76     |
|  | 127 0 0    | 5.47   | 3.93   | 1.41   | 2.89     |
|  | 102 0 0    | 4.0    | 3.93   | 0.87   | 2.69     |
|  | 76 0 0     | 3.49   | 3.17   | 0.44   | 2.41     |
|  | 0 229 0    | 38.34  | 23.2   | 3.27   | 11.32    |
|  | 0 204 0    | 32.24  | 21.12  | 4.63   | 11.2     |
|  | 0 178 0    | 27.13  | 19.09  | 5.2    | 10.95    |
|  | 0 153 0    | 21.44  | 17.02  | 6.37   | 10.95    |
|  | 0 127 0    | 16.78  | 15.08  | 6.32   | 10.43    |
|  | 0 102 0    | 14.4   | 13.21  | 5.3    | 9.5      |
|  | 0 76 0     | 10.47  | 11.89  | 3.94   | 8.5      |
|  | 0 0 229    | 5.81   | 2.74   | 1.29   | 1.84     |
|  | 0 0 204    | 2.65   | 2.24   | 1.88   | 2.1      |
|  | 0 0 178    | 0.45   | 1.79   | 2.41   | 2.51     |
|  | 0 0 153    | 3.36   | 1.31   | 2.7    | 2.83     |
|  | 0 0 127    | 5.47   | 0.81   | 3.06   | 3.3      |
|  | 0 0 102    | 6.16   | 0.1    | 2.05   | 2.55     |
|  | 0 0 76     | 7.18   | 1.61   | 0.73   | 2.41     |
|  | 0 229 229  | 28.16  | 3.63   | 2.98   | 9.86     |
|  | 0 204 204  | 24.87  | 3.6    | 4.28   | 9.82     |
|  | 0 178 178  | 22.46  | 4.56   | 4.85   | 10.0     |
|  | 0 153 153  | 18.89  | 4.12   | 6.01   | 9.94     |
|  | 0 127 127  | 16.55  | 4.88   | 6.02   | 9.87     |
|  | 0 102 102  | 14.48  | 4.37   | 5.02   | 8.97     |
|  | 0 76 76    | 11.79  | 3.52   | 3.73   | 7.62     |
|  | 229 0 229  | 13.15  | 10.33  | 1.74   | 4.9      |
|  | 204 0 204  | 9.81   | 9.0    | 0.33   | 4.09     |
|  | 178 0 178  | 6.73   | 8.74   | 0.56   | 4.04     |
|  | 153 0 153  | 3.95   | 7.61   | 1.72   | 3.98     |
|  | 127 0 127  | 1.37   | 6.99   | 2.38   | 4.19     |
|  | 102 0 102  | 0.86   | 6.02   | 1.81   | 3.68     |
|  | 76 0 76    | 0.62   | 4.93   | 1.12   | 3.08     |

# Colorimetric Report

## Page (3/4)



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|                  |                |
|------------------|----------------|
| Test Device      | DELL U2713H    |
| Target           | sRGB           |
| Display Profile  | not considered |
| Rendering Intent | -              |

|  | RGB         | deltaC | deltaH | deltaL | deltaE94 |
|--|-------------|--------|--------|--------|----------|
|  | 229 229 0   | 11.09  | 1.97   | 1.55   | 2.83     |
|  | 204 204 0   | 8.12   | 1.82   | 3.21   | 3.74     |
|  | 178 178 0   | 5.95   | 1.91   | 4.0    | 4.33     |
|  | 153 153 0   | 3.13   | 2.13   | 5.4    | 5.56     |
|  | 127 127 0   | 1.36   | 1.16   | 5.66   | 5.71     |
|  | 102 102 0   | 0.8    | 1.11   | 4.71   | 4.76     |
|  | 76 76 0     | 0.69   | 0.61   | 3.46   | 3.49     |
|  | 255 25 25   | 28.93  | 1.63   | 3.62   | 6.46     |
|  | 255 51 51   | 26.48  | 0.1    | 3.2    | 6.17     |
|  | 255 76 76   | 26.34  | 0.07   | 2.3    | 6.27     |
|  | 255 102 102 | 26.39  | 0.15   | 1.04   | 6.74     |
|  | 255 127 127 | 25.91  | 0.13   | 0.28   | 7.58     |
|  | 255 153 153 | 22.75  | 1.02   | 1.12   | 8.04     |
|  | 255 178 178 | 17.5   | 0.85   | 1.09   | 7.51     |
|  | 255 204 204 | 12.52  | 1.45   | 1.22   | 6.9      |
|  | 255 229 229 | 6.23   | 1.04   | 0.64   | 4.52     |
|  | 25 255 25   | 44.58  | 24.65  | 1.8    | 11.56    |
|  | 51 255 51   | 42.52  | 22.88  | 1.76   | 11.24    |
|  | 76 255 76   | 40.86  | 20.36  | 1.79   | 10.94    |
|  | 102 255 102 | 38.86  | 17.33  | 1.87   | 10.7     |
|  | 127 255 127 | 36.49  | 14.21  | 1.99   | 10.56    |
|  | 153 255 153 | 30.12  | 11.21  | 1.88   | 9.88     |
|  | 178 255 178 | 22.58  | 8.11   | 1.58   | 8.68     |
|  | 204 255 204 | 15.1   | 5.78   | 1.26   | 7.42     |
|  | 229 255 229 | 6.92   | 2.88   | 0.62   | 4.67     |
|  | 25 25 255   | 10.99  | 4.14   | 1.67   | 2.72     |
|  | 51 51 255   | 10.08  | 3.53   | 1.66   | 2.64     |
|  | 76 76 255   | 10.77  | 3.33   | 2.33   | 3.27     |
|  | 102 102 255 | 11.73  | 2.87   | 3.31   | 4.26     |
|  | 127 127 255 | 12.35  | 2.25   | 4.18   | 5.2      |
|  | 153 153 255 | 11.25  | 1.71   | 4.17   | 5.33     |
|  | 178 178 255 | 8.15   | 0.78   | 3.12   | 4.25     |
|  | 204 204 255 | 6.3    | 0.33   | 2.61   | 3.86     |
|  | 229 229 255 | 3.21   | 0.29   | 1.26   | 2.37     |
|  | 25 255 255  | 31.48  | 3.94   | 1.76   | 10.17    |
|  | 51 255 255  | 30.36  | 3.76   | 1.74   | 10.01    |
|  | 76 255 255  | 29.11  | 3.55   | 1.74   | 9.94     |
|  | 102 255 255 | 27.54  | 3.26   | 1.76   | 9.93     |
|  | 127 255 255 | 25.78  | 2.9    | 1.82   | 10.0     |
|  | 153 255 255 | 22.1   | 2.37   | 1.69   | 9.5      |
|  | 178 255 255 | 17.23  | 1.78   | 1.41   | 8.41     |
|  | 204 255 255 | 12.4   | 1.15   | 1.12   | 7.19     |
|  | 229 255 255 | 6.1    | 0.5    | 0.56   | 4.43     |

# Colorimetric Report

## Page (4/4)



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|                  |                |
|------------------|----------------|
| Test Device      | DELL U2713H    |
| Target           | sRGB           |
| Display Profile  | not considered |
| Rendering Intent | -              |

|  | RGB         | deltaC | deltaH | deltaL | deltaE94 |
|--|-------------|--------|--------|--------|----------|
|  | 255 25 255  | 16.98  | 11.58  | 2.59   | 5.73     |
|  | 255 51 255  | 16.99  | 11.29  | 2.39   | 5.7      |
|  | 255 76 255  | 17.93  | 10.92  | 1.83   | 5.71     |
|  | 255 102 255 | 19.25  | 10.28  | 0.96   | 5.86     |
|  | 255 127 255 | 20.54  | 9.42   | 0.05   | 6.29     |
|  | 255 153 255 | 19.84  | 8.14   | 0.76   | 6.68     |
|  | 255 178 255 | 16.14  | 6.48   | 0.75   | 6.37     |
|  | 255 204 255 | 12.66  | 4.54   | 0.97   | 6.1      |
|  | 255 229 255 | 6.7    | 2.31   | 0.53   | 4.33     |
|  | 255 255 25  | 14.12  | 0.96   | 0.08   | 2.71     |
|  | 255 255 51  | 13.27  | 0.78   | 0.09   | 2.65     |
|  | 255 255 76  | 13.03  | 0.68   | 0.06   | 2.77     |
|  | 255 255 102 | 13.17  | 0.58   | 0.03   | 3.08     |
|  | 255 255 127 | 13.43  | 0.5    | 0.03   | 3.52     |
|  | 255 255 153 | 11.27  | 0.16   | 0.05   | 3.44     |
|  | 255 255 178 | 8.72   | 0.09   | 0.06   | 3.18     |
|  | 255 255 204 | 5.62   | 0.28   | 0.03   | 2.61     |
|  | 255 255 229 | 2.47   | 0.35   | 0.01   | 1.58     |
|  | 213 255 0   | 16.45  | 8.6    | 0.99   | 4.7      |
|  | 159 191 0   | 8.92   | 5.79   | 4.25   | 5.37     |
|  | 106 128 0   | 1.83   | 2.22   | 5.86   | 5.99     |
|  | 0 255 85    | 46.62  | 20.18  | 1.8    | 11.48    |
|  | 0 191 64    | 31.61  | 16.54  | 4.53   | 10.91    |
|  | 0 128 42    | 18.08  | 12.99  | 5.99   | 10.23    |
|  | 0 128 255   | 11.29  | 1.83   | 4.44   | 5.23     |
|  | 0 96 191    | 2.09   | 3.02   | 4.33   | 4.66     |
|  | 0 64 128    | 5.03   | 7.99   | 3.73   | 6.4      |
|  | 170 0 255   | 12.32  | 5.35   | 0.71   | 2.79     |
|  | 127 0 191   | 4.56   | 4.0    | 2.31   | 2.95     |
|  | 85 0 128    | 2.03   | 5.52   | 2.26   | 3.52     |
|  | 255 0 42    | 26.32  | 1.89   | 3.87   | 6.32     |
|  | 191 0 32    | 15.84  | 0.25   | 0.79   | 3.66     |
|  | 128 0 21    | 7.88   | 0.62   | 1.53   | 2.73     |
|  | 170 85 0    | 12.88  | 7.3    | 2.14   | 5.48     |
|  | 0 170 85    | 27.93  | 11.4   | 5.1    | 10.45    |
|  | 85 0 170    | 1.13   | 3.73   | 2.14   | 2.66     |
|  | 0 85 170    | 0.21   | 4.4    | 4.18   | 4.84     |
|  | 170 0 85    | 10.98  | 6.3    | 0.25   | 4.35     |
|  | 85 170 0    | 15.07  | 13.06  | 5.27   | 8.57     |
|  | 123 127 127 | 1.88   | 1.48   | 5.46   | 5.91     |
|  | 127 123 127 | 1.26   | 1.45   | 5.29   | 5.59     |
|  | 127 127 123 | 1.9    | 0.46   | 5.45   | 5.73     |
|  | Average     | 14.87  | 5.4    | 2.45   | 5.99     |
|  | Maximum     | 46.62  | 25.41  | 6.37   | 11.6     |