

# Colorimetric Report

## Page (1/4)



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|                  |                |
|------------------|----------------|
| Test Device      | Acer_B276HUL   |
| Target           | sRGB           |
| Display Profile  | not considered |
| Rendering Intent | -              |

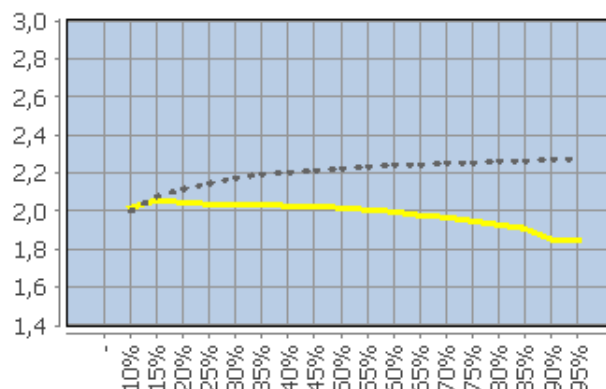
|                                     |                    |
|-------------------------------------|--------------------|
| White Point / CCT Kelvin            | 6620K              |
| White Point XYZ (normalized)        | 92.81 100.0 106.74 |
| DeltaE to D50/ D65                  | 19.0/ 4.17         |
| DeltaE to Blackbody Curve *         | 4.5                |
| Assumed Target Whitepoint           | 6600K              |
| DeltaE to Assumed Target Whitepoint | 4.42               |
| Brightness / cd/m <sup>2</sup> **   | 324.2              |
| Black Point / cd/m <sup>2</sup> **  | 0.31               |
| Contrast / x:1                      | 1046:1             |
| Gradation (Average)                 | 1.99               |

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

|  | Percent | Kelvin | deltaC | deltaE | Gamma |
|--|---------|--------|--------|--------|-------|
|  | 5       | -      | -      | -      | -     |
|  | 10      | 7874   | 2.84   | 2.84   | 2.02  |
|  | 15      | 8055   | 3.72   | 3.72   | 2.06  |
|  | 20      | 7936   | 4.6    | 4.79   | 2.05  |
|  | 25      | 7904   | 5.4    | 5.83   | 2.04  |
|  | 30      | 7898   | 6.14   | 6.74   | 2.04  |
|  | 35      | 7857   | 6.65   | 7.21   | 2.04  |
|  | 40      | 7908   | 7.32   | 7.98   | 2.03  |
|  | 45      | 7893   | 7.91   | 8.61   | 2.03  |
|  | 50      | 7902   | 8.65   | 9.34   | 2.02  |
|  | 55      | 7879   | 9.02   | 9.59   | 2.01  |
|  | 60      | 7866   | 9.6    | 10.15  | 2.0   |
|  | 65      | 7838   | 9.9    | 10.44  | 1.98  |
|  | 70      | 7806   | 10.19  | 10.69  | 1.97  |
|  | 75      | 7778   | 10.49  | 10.83  | 1.95  |
|  | 80      | 7764   | 10.92  | 11.19  | 1.93  |
|  | 85      | 7777   | 11.44  | 11.62  | 1.91  |
|  | 90      | 7746   | 11.64  | 11.76  | 1.85  |
|  | 95      | 7148   | 6.33   | 6.38   | 1.85  |
|  | 100     | 6619   | -      | -      | -     |
|  | Average | -      | 8.23*  | 8.64*  | 1.99  |
|  | Maximum | -      | 11.64* | 11.76* | -     |
|  | Range   | -      | 7.94*  | -      | -     |

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

Corresponding Gamma



# Colorimetric Report

## Page (2/4)



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|                  |                |
|------------------|----------------|
| Test Device      | Acer_B276HUL   |
| Target           | sRGB           |
| Display Profile  | not considered |
| Rendering Intent | -              |

|  | RGB        | deltaC | deltaH | deltaL | deltaE94 |
|--|------------|--------|--------|--------|----------|
|  | 255 0 0    | 10.46  | 8.39   | 1.93   | 4.21     |
|  | 0 255 0    | 13.18  | 10.43  | 0.87   | 4.35     |
|  | 0 0 255    | 9.18   | 3.72   | 0.47   | 1.86     |
|  | 0 255 255  | 1.57   | 0.1    | 0.73   | 0.88     |
|  | 255 0 255  | 8.58   | 2.28   | 1.89   | 2.48     |
|  | 255 255 0  | 18.82  | 1.34   | 0.0    | 3.55     |
|  | 170 85 85  | 0.59   | 6.38   | 1.91   | 4.49     |
|  | 85 170 85  | 0.5    | 0.33   | 3.21   | 3.22     |
|  | 85 85 170  | 14.27  | 2.04   | 3.47   | 5.64     |
|  | 85 170 170 | 0.38   | 10.68  | 3.62   | 8.44     |
|  | 170 85 170 | 12.47  | 6.39   | 2.55   | 5.57     |
|  | 170 170 85 | 0.06   | 0.6    | 2.82   | 2.84     |
|  | 229 0 0    | 9.6    | 6.76   | 1.17   | 3.5      |
|  | 204 0 0    | 8.7    | 5.31   | 0.52   | 2.92     |
|  | 178 0 0    | 7.29   | 3.44   | 0.0    | 2.23     |
|  | 153 0 0    | 5.66   | 1.78   | 0.4    | 1.65     |
|  | 127 0 0    | 4.39   | 0.8    | 0.61   | 1.39     |
|  | 102 0 0    | 3.1    | 0.22   | 0.79   | 1.24     |
|  | 76 0 0     | 1.66   | 0.19   | 0.92   | 1.11     |
|  | 0 229 0    | 13.14  | 9.71   | 1.67   | 4.58     |
|  | 0 204 0    | 12.84  | 8.9    | 2.37   | 4.84     |
|  | 0 178 0    | 12.29  | 7.98   | 2.82   | 5.01     |
|  | 0 153 0    | 11.2   | 6.99   | 3.0    | 4.96     |
|  | 0 127 0    | 10.0   | 5.91   | 3.0    | 4.77     |
|  | 0 102 0    | 8.01   | 4.59   | 2.76   | 4.23     |
|  | 0 76 0     | 5.1    | 2.91   | 2.22   | 3.19     |
|  | 0 0 229    | 18.63  | 3.51   | 3.02   | 4.32     |
|  | 0 0 204    | 17.83  | 2.9    | 3.38   | 4.6      |
|  | 0 0 178    | 16.99  | 2.47   | 3.63   | 4.83     |
|  | 0 0 153    | 15.82  | 2.12   | 3.67   | 4.88     |
|  | 0 0 127    | 14.26  | 1.76   | 3.57   | 4.8      |
|  | 0 0 102    | 11.81  | 1.28   | 3.4    | 4.51     |
|  | 0 0 76     | 10.84  | 2.29   | 2.49   | 4.24     |
|  | 0 229 229  | 2.79   | 12.74  | 2.3    | 7.92     |
|  | 0 204 204  | 2.17   | 11.83  | 3.07   | 7.9      |
|  | 0 178 178  | 1.6    | 11.01  | 3.56   | 7.87     |
|  | 0 153 153  | 1.22   | 10.24  | 3.72   | 7.74     |
|  | 0 127 127  | 0.91   | 9.18   | 3.72   | 7.36     |
|  | 0 102 102  | 0.65   | 7.88   | 3.37   | 6.62     |
|  | 0 76 76    | 0.73   | 6.46   | 2.74   | 5.64     |
|  | 229 0 229  | 17.5   | 8.11   | 0.22   | 4.35     |
|  | 204 0 204  | 17.08  | 7.73   | 0.93   | 4.55     |
|  | 178 0 178  | 16.37  | 7.12   | 1.47   | 4.73     |
|  | 153 0 153  | 15.41  | 6.58   | 1.76   | 4.86     |
|  | 127 0 127  | 14.14  | 6.03   | 1.89   | 4.93     |
|  | 102 0 102  | 12.2   | 5.2    | 1.85   | 4.71     |
|  | 76 0 76    | 9.36   | 4.13   | 1.69   | 4.16     |

# Colorimetric Report

## Page (3/4)



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|                  |                |
|------------------|----------------|
| Test Device      | Acer_B276HUL   |
| Target           | sRGB           |
| Display Profile  | not considered |
| Rendering Intent | -              |

|  | RGB         | deltaC | deltaH | deltaL | deltaE94 |
|--|-------------|--------|--------|--------|----------|
|  | 229 229 0   | 18.26  | 1.41   | 1.0    | 3.82     |
|  | 204 204 0   | 17.54  | 1.34   | 1.82   | 4.2      |
|  | 178 178 0   | 16.5   | 1.31   | 2.42   | 4.56     |
|  | 153 153 0   | 14.88  | 1.22   | 2.69   | 4.65     |
|  | 127 127 0   | 12.93  | 0.98   | 2.79   | 4.58     |
|  | 102 102 0   | 10.46  | 0.78   | 2.61   | 4.19     |
|  | 76 76 0     | 6.82   | 0.6    | 2.14   | 3.25     |
|  | 255 25 25   | 6.66   | 4.59   | 1.97   | 2.96     |
|  | 255 51 51   | 0.19   | 2.24   | 1.45   | 1.74     |
|  | 255 76 76   | 3.14   | 5.75   | 0.58   | 2.8      |
|  | 255 102 102 | 4.69   | 7.87   | 0.32   | 4.14     |
|  | 255 127 127 | 4.85   | 9.27   | 1.04   | 5.42     |
|  | 255 153 153 | 3.97   | 10.25  | 1.51   | 6.64     |
|  | 255 178 178 | 2.4    | 10.78  | 1.8    | 7.69     |
|  | 255 204 204 | 0.39   | 11.2   | 1.64   | 8.84     |
|  | 255 229 229 | 4.71   | 10.56  | 1.22   | 9.9      |
|  | 25 255 25   | 12.26  | 9.63   | 0.9    | 4.1      |
|  | 51 255 51   | 7.95   | 6.89   | 0.93   | 3.04     |
|  | 76 255 76   | 2.68   | 3.96   | 1.04   | 1.93     |
|  | 102 255 102 | 2.24   | 1.16   | 1.14   | 1.31     |
|  | 127 255 127 | 5.97   | 0.94   | 1.22   | 1.85     |
|  | 153 255 153 | 8.56   | 2.73   | 1.27   | 2.92     |
|  | 178 255 178 | 10.11  | 4.2    | 1.26   | 4.21     |
|  | 204 255 204 | 10.21  | 5.85   | 1.19   | 5.88     |
|  | 229 255 229 | 8.26   | 8.95   | 0.92   | 8.7      |
|  | 25 25 255   | 9.51   | 3.81   | 0.65   | 2.02     |
|  | 51 51 255   | 6.86   | 2.87   | 0.1    | 1.51     |
|  | 76 76 255   | 3.46   | 1.84   | 1.23   | 1.55     |
|  | 102 102 255 | 0.93   | 1.09   | 2.07   | 2.13     |
|  | 127 127 255 | 0.39   | 0.81   | 2.45   | 2.48     |
|  | 153 153 255 | 1.11   | 0.61   | 2.5    | 2.55     |
|  | 178 178 255 | 1.52   | 0.47   | 2.39   | 2.47     |
|  | 204 204 255 | 1.21   | 0.35   | 1.78   | 1.88     |
|  | 229 229 255 | 0.66   | 0.15   | 0.98   | 1.07     |
|  | 25 255 255  | 1.5    | 0.15   | 0.73   | 0.87     |
|  | 51 255 255  | 1.71   | 0.16   | 0.76   | 0.93     |
|  | 76 255 255  | 2.1    | 0.18   | 0.78   | 1.05     |
|  | 102 255 255 | 2.46   | 0.2    | 0.81   | 1.18     |
|  | 127 255 255 | 2.77   | 0.21   | 0.82   | 1.33     |
|  | 153 255 255 | 2.81   | 0.21   | 0.78   | 1.42     |
|  | 178 255 255 | 2.7    | 0.19   | 0.71   | 1.47     |
|  | 204 255 255 | 2.03   | 0.03   | 0.6    | 1.3      |
|  | 229 255 255 | 1.09   | 0.02   | 0.34   | 0.85     |

# Colorimetric Report

## Page (4/4)



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|                  |                |
|------------------|----------------|
| Test Device      | Acer_B276HUL   |
| Target           | sRGB           |
| Display Profile  | not considered |
| Rendering Intent | -              |

|  | RGB         | deltaC | deltaH | deltaL | deltaE94 |
|--|-------------|--------|--------|--------|----------|
|  | 255 25 255  | 8.66   | 2.27   | 1.9    | 2.52     |
|  | 255 51 255  | 7.23   | 2.29   | 1.52   | 2.14     |
|  | 255 76 255  | 4.82   | 2.32   | 0.84   | 1.52     |
|  | 255 102 255 | 2.2    | 2.26   | 0.09   | 1.06     |
|  | 255 127 255 | 0.24   | 2.12   | 0.47   | 1.08     |
|  | 255 153 255 | 1.15   | 1.84   | 0.88   | 1.32     |
|  | 255 178 255 | 1.95   | 1.41   | 1.12   | 1.52     |
|  | 255 204 255 | 1.76   | 0.97   | 0.98   | 1.38     |
|  | 255 229 255 | 1.05   | 0.52   | 0.59   | 0.95     |
|  | 255 255 25  | 17.53  | 1.1    | 0.03   | 3.36     |
|  | 255 255 51  | 12.12  | 0.37   | 0.05   | 2.41     |
|  | 255 255 76  | 5.76   | 0.38   | 0.1    | 1.24     |
|  | 255 255 102 | 0.06   | 0.97   | 0.17   | 0.49     |
|  | 255 255 127 | 4.55   | 1.22   | 0.26   | 1.37     |
|  | 255 255 153 | 7.9    | 1.22   | 0.34   | 2.53     |
|  | 255 255 178 | 9.99   | 1.03   | 0.5    | 3.74     |
|  | 255 255 204 | 11.34  | 0.71   | 0.55   | 5.3      |
|  | 255 255 229 | 12.02  | 0.28   | 0.57   | 7.58     |
|  | 213 255 0   | 17.46  | 5.76   | 0.53   | 3.99     |
|  | 159 191 0   | 16.07  | 4.38   | 2.48   | 4.74     |
|  | 106 128 0   | 12.23  | 2.86   | 2.88   | 4.66     |
|  | 0 255 85    | 1.26   | 2.42   | 1.02   | 1.41     |
|  | 0 191 64    | 4.0    | 2.82   | 2.86   | 3.24     |
|  | 0 128 42    | 5.08   | 2.98   | 3.15   | 3.76     |
|  | 0 128 255   | 0.54   | 0.13   | 2.44   | 2.44     |
|  | 0 96 191    | 13.31  | 6.0    | 3.93   | 6.27     |
|  | 0 64 128    | 13.09  | 6.23   | 3.04   | 6.66     |
|  | 170 0 255   | 8.63   | 2.05   | 0.28   | 1.55     |
|  | 127 0 191   | 17.9   | 2.08   | 2.45   | 4.23     |
|  | 85 0 128    | 14.85  | 2.33   | 2.54   | 4.46     |
|  | 255 0 42    | 2.05   | 1.18   | 1.89   | 1.99     |
|  | 191 0 32    | 4.29   | 0.61   | 0.24   | 1.03     |
|  | 128 0 21    | 4.0    | 1.06   | 0.62   | 1.41     |
|  | 170 85 0    | 10.34  | 5.56   | 1.55   | 4.23     |
|  | 0 170 85    | 0.44   | 0.63   | 3.22   | 3.23     |
|  | 85 0 170    | 17.33  | 0.39   | 2.94   | 4.48     |
|  | 0 85 170    | 13.67  | 6.2    | 3.78   | 6.52     |
|  | 170 0 85    | 5.75   | 9.81   | 0.67   | 5.32     |
|  | 85 170 0    | 13.11  | 6.7    | 2.92   | 5.08     |
|  | 123 127 127 | 7.16   | 4.92   | 3.6    | 8.99     |
|  | 127 123 127 | 8.57   | 2.44   | 3.51   | 8.7      |
|  | 127 127 123 | 3.74   | 7.46   | 3.51   | 8.7      |
|  | Average     | 7.48   | 3.76   | 1.71   | 3.78     |
|  | Maximum     | 18.82  | 12.74  | 3.93   | 9.9      |