

# Colorimetric Report

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|                  |                |
|------------------|----------------|
| Test Device      | Acer GN246HL   |
| Target           | sRGB           |
| Display Profile  | not considered |
| Rendering Intent | -              |

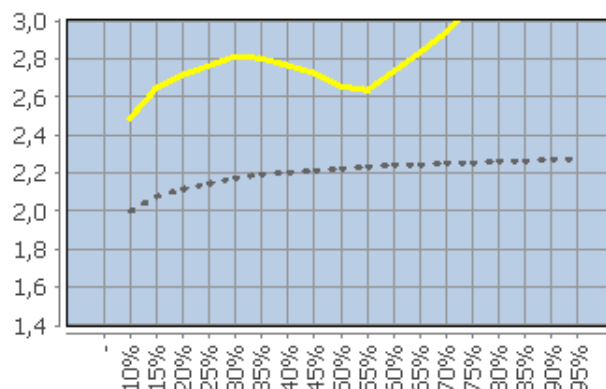
|                                     |                    |
|-------------------------------------|--------------------|
| White Point / CCT Kelvin            | 7312K              |
| White Point XYZ (normalized)        | 97.17 100.0 123.82 |
| DeltaE to D50/ D65                  | 29.0/ 9.5          |
| Assumed Target Whitepoint*          | 7300K              |
| DeltaE to Assumed Target Whitepoint | 4.44               |
| Brightness / cd/m <sup>2</sup> **   | 351.0              |
| Black Point / cd/m <sup>2</sup> **  | 0.38               |
| Contrast / x:1                      | 924:1              |
| Gradation (Average)                 | 2.95               |

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

|  | Percent | Kelvin | deltaC | deltaE | Gamma |
|--|---------|--------|--------|--------|-------|
|  | 5       | -      | -      | -      | -     |
|  | 10      | 7802   | 0.69   | 5.97   | 2.49  |
|  | 15      | 7184   | 0.12   | 9.32   | 2.64  |
|  | 20      | 7037   | 0.44   | 10.26  | 2.71  |
|  | 25      | 7108   | 0.71   | 10.57  | 2.76  |
|  | 30      | 7421   | 0.25   | 10.69  | 2.81  |
|  | 35      | 7332   | 0.23   | 10.45  | 2.8   |
|  | 40      | 7317   | 0.12   | 9.31   | 2.76  |
|  | 45      | 7433   | 0.58   | 7.94   | 2.72  |
|  | 50      | 7367   | 0.34   | 6.41   | 2.65  |
|  | 55      | 7306   | 1.12   | 5.95   | 2.63  |
|  | 60      | 7329   | 0.97   | 6.42   | 2.73  |
|  | 65      | 7387   | 0.74   | 6.65   | 2.83  |
|  | 70      | 7337   | 1.05   | 6.86   | 2.94  |
|  | 75      | 7352   | 1.37   | 7.3    | 3.08  |
|  | 80      | 7344   | 1.66   | 7.29   | 3.28  |
|  | 85      | 7395   | 1.52   | 6.67   | 3.49  |
|  | 90      | 7431   | 1.93   | 5.41   | 3.71  |
|  | 95      | 7439   | 2.38   | 4.34   | 4.12  |
|  | 100     | 7312   | -      | -      | -     |
|  | Average | -      | 0.96*  | 7.66*  | 2.95  |
|  | Maximum | -      | 2.38*  | 10.69* | -     |
|  | Range   | -      | 2.76*  | -      | -     |

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

Corresponding Gamma



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|                  |                |
|------------------|----------------|
| Test Device      | Acer GN246HL   |
| Target           | sRGB           |
| Display Profile  | not considered |
| Rendering Intent | -              |

|  | RGB        | deltaC | deltaH | deltaL | deltaE94 |
|--|------------|--------|--------|--------|----------|
|  | 255 0 0    | 2.01   | 0.44   | 1.46   | 1.51     |
|  | 0 255 0    | 10.4   | 8.56   | 0.21   | 3.47     |
|  | 0 0 255    | 4.92   | 5.09   | 0.47   | 1.89     |
|  | 0 255 255  | 3.81   | 1.32   | 0.06   | 1.39     |
|  | 255 0 255  | 4.2    | 1.11   | 0.99   | 1.27     |
|  | 255 255 0  | 12.95  | 1.05   | 0.23   | 2.46     |
|  | 170 85 85  | 3.05   | 0.02   | 8.82   | 8.89     |
|  | 85 170 85  | 8.38   | 1.86   | 6.81   | 7.28     |
|  | 85 85 170  | 10.0   | 5.58   | 10.25  | 11.14    |
|  | 85 170 170 | 0.41   | 0.72   | 6.99   | 7.01     |
|  | 170 85 170 | 7.22   | 0.38   | 8.75   | 8.99     |
|  | 170 170 85 | 6.47   | 2.01   | 6.8    | 7.23     |
|  | 229 0 0    | 11.71  | 4.68   | 5.34   | 6.08     |
|  | 204 0 0    | 13.5   | 5.94   | 5.89   | 6.97     |
|  | 178 0 0    | 13.27  | 6.59   | 5.41   | 6.83     |
|  | 153 0 0    | 12.44  | 6.6    | 4.83   | 6.51     |
|  | 127 0 0    | 11.33  | 6.0    | 4.33   | 6.14     |
|  | 102 0 0    | 13.3   | 6.63   | 5.75   | 7.99     |
|  | 76 0 0     | 14.43  | 7.08   | 5.88   | 9.05     |
|  | 0 229 0    | 2.84   | 4.98   | 5.19   | 5.54     |
|  | 0 204 0    | 0.43   | 3.48   | 6.96   | 7.09     |
|  | 0 178 0    | 1.67   | 2.41   | 6.98   | 7.06     |
|  | 0 153 0    | 2.06   | 1.67   | 6.35   | 6.41     |
|  | 0 127 0    | 3.94   | 0.82   | 6.6    | 6.68     |
|  | 0 102 0    | 8.77   | 0.02   | 8.91   | 9.21     |
|  | 0 76 0     | 13.92  | 2.94   | 10.06  | 11.06    |
|  | 0 0 229    | 0.48   | 6.82   | 3.39   | 4.15     |
|  | 0 0 204    | 1.92   | 6.8    | 4.53   | 5.2      |
|  | 0 0 178    | 2.43   | 6.25   | 4.33   | 5.0      |
|  | 0 0 153    | 2.52   | 5.69   | 3.96   | 4.66     |
|  | 0 0 127    | 3.52   | 4.79   | 3.42   | 4.13     |
|  | 0 0 102    | 11.24  | 2.34   | 3.62   | 4.7      |
|  | 0 0 76     | 19.94  | 2.98   | 2.04   | 6.42     |
|  | 0 229 229  | 4.95   | 0.89   | 5.58   | 5.83     |
|  | 0 204 204  | 5.21   | 0.6    | 7.51   | 7.73     |
|  | 0 178 178  | 5.03   | 1.03   | 7.56   | 7.81     |
|  | 0 153 153  | 4.4    | 0.68   | 6.94   | 7.17     |
|  | 0 127 127  | 4.7    | 1.86   | 7.14   | 7.53     |
|  | 0 102 102  | 5.56   | 0.87   | 9.5    | 9.87     |
|  | 0 76 76    | 6.2    | 0.68   | 10.68  | 11.16    |
|  | 229 0 229  | 1.24   | 0.6    | 5.53   | 5.54     |
|  | 204 0 204  | 3.74   | 0.48   | 6.42   | 6.46     |
|  | 178 0 178  | 3.95   | 0.8    | 6.0    | 6.06     |
|  | 153 0 153  | 3.88   | 0.84   | 5.47   | 5.55     |
|  | 127 0 127  | 4.12   | 0.8    | 5.0    | 5.11     |
|  | 102 0 102  | 8.19   | 0.8    | 6.71   | 7.09     |
|  | 76 0 76    | 11.15  | 0.23   | 7.31   | 8.11     |

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|                  |                |
|------------------|----------------|
| Test Device      | Acer GN246HL   |
| Target           | sRGB           |
| Display Profile  | not considered |
| Rendering Intent | -              |

|  | RGB         | deltaC | deltaH | deltaL | deltaE94 |
|--|-------------|--------|--------|--------|----------|
|  | 229 229 0   | 4.06   | 5.25   | 5.64   | 6.13     |
|  | 204 204 0   | 0.08   | 4.93   | 7.35   | 7.68     |
|  | 178 178 0   | 1.6    | 4.3    | 7.29   | 7.58     |
|  | 153 153 0   | 2.4    | 4.15   | 6.67   | 7.01     |
|  | 127 127 0   | 4.3    | 2.83   | 6.87   | 7.13     |
|  | 102 102 0   | 8.3    | 2.57   | 9.56   | 10.01    |
|  | 76 76 0     | 12.74  | 2.73   | 10.99  | 12.0     |
|  | 255 25 25   | 2.52   | 2.79   | 2.12   | 2.45     |
|  | 255 51 51   | 7.38   | 5.51   | 3.2    | 4.24     |
|  | 255 76 76   | 9.67   | 5.27   | 4.39   | 5.45     |
|  | 255 102 102 | 9.25   | 3.68   | 5.02   | 5.84     |
|  | 255 127 127 | 6.2    | 1.61   | 4.51   | 4.94     |
|  | 255 153 153 | 6.03   | 2.14   | 4.72   | 5.34     |
|  | 255 178 178 | 6.67   | 1.75   | 5.4    | 6.21     |
|  | 255 204 204 | 6.54   | 1.83   | 5.6    | 6.75     |
|  | 255 229 229 | 4.44   | 1.26   | 4.3    | 5.43     |
|  | 25 255 25   | 12.44  | 9.04   | 0.24   | 3.84     |
|  | 51 255 51   | 15.38  | 9.37   | 0.35   | 4.35     |
|  | 76 255 76   | 17.52  | 8.82   | 0.56   | 4.69     |
|  | 102 255 102 | 17.38  | 7.38   | 0.75   | 4.67     |
|  | 127 255 127 | 13.73  | 5.29   | 0.77   | 3.96     |
|  | 153 255 153 | 14.13  | 4.16   | 1.07   | 4.37     |
|  | 178 255 178 | 14.79  | 3.18   | 1.42   | 5.22     |
|  | 204 255 204 | 15.01  | 2.08   | 1.82   | 6.56     |
|  | 229 255 229 | 11.16  | 0.61   | 1.8    | 6.72     |
|  | 25 25 255   | 9.2    | 6.34   | 1.03   | 2.75     |
|  | 51 51 255   | 15.17  | 7.89   | 3.36   | 5.02     |
|  | 76 76 255   | 19.65  | 8.56   | 5.58   | 7.37     |
|  | 102 102 255 | 19.48  | 7.48   | 6.28   | 8.08     |
|  | 127 127 255 | 15.15  | 5.35   | 5.13   | 6.75     |
|  | 153 153 255 | 13.81  | 3.46   | 5.37   | 6.9      |
|  | 178 178 255 | 14.05  | 2.36   | 6.17   | 8.01     |
|  | 204 204 255 | 13.0   | 0.8    | 6.44   | 8.73     |
|  | 229 229 255 | 9.0    | 0.7    | 5.0    | 7.53     |
|  | 25 255 255  | 3.21   | 0.88   | 0.1    | 1.12     |
|  | 51 255 255  | 2.18   | 0.66   | 0.14   | 0.8      |
|  | 76 255 255  | 0.92   | 0.51   | 0.28   | 0.51     |
|  | 102 255 255 | 0.09   | 0.44   | 0.39   | 0.48     |
|  | 127 255 255 | 0.23   | 0.44   | 0.38   | 0.48     |
|  | 153 255 255 | 1.6    | 0.39   | 0.58   | 0.92     |
|  | 178 255 255 | 3.1    | 0.35   | 0.83   | 1.71     |
|  | 204 255 255 | 4.7    | 0.31   | 1.14   | 2.91     |
|  | 229 255 255 | 4.88   | 0.25   | 1.21   | 3.71     |

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|                  |                |
|------------------|----------------|
| Test Device      | Acer GN246HL   |
| Target           | sRGB           |
| Display Profile  | not considered |
| Rendering Intent | -              |

|  | RGB         | deltaC | deltaH | deltaL | deltaE94 |
|--|-------------|--------|--------|--------|----------|
|  | 255 25 255  | 5.94   | 1.23   | 1.53   | 1.87     |
|  | 255 51 255  | 8.82   | 1.18   | 2.35   | 2.82     |
|  | 255 76 255  | 11.96  | 1.08   | 3.33   | 3.99     |
|  | 255 102 255 | 13.47  | 1.06   | 3.9    | 4.74     |
|  | 255 127 255 | 11.9   | 1.22   | 3.57   | 4.48     |
|  | 255 153 255 | 11.98  | 1.25   | 3.83   | 4.98     |
|  | 255 178 255 | 13.21  | 1.16   | 4.47   | 6.15     |
|  | 255 204 255 | 13.07  | 1.08   | 4.74   | 7.19     |
|  | 255 229 255 | 9.35   | 0.85   | 3.69   | 6.58     |
|  | 255 255 25  | 14.37  | 0.7    | 0.44   | 2.78     |
|  | 255 255 51  | 16.79  | 0.33   | 0.46   | 3.36     |
|  | 255 255 76  | 18.37  | 0.11   | 0.53   | 3.92     |
|  | 255 255 102 | 17.92  | 0.11   | 0.6    | 4.21     |
|  | 255 255 127 | 14.25  | 0.37   | 0.62   | 3.78     |
|  | 255 255 153 | 14.07  | 0.28   | 0.7    | 4.35     |
|  | 255 255 178 | 14.11  | 0.13   | 0.8    | 5.21     |
|  | 255 255 204 | 13.73  | 0.0    | 0.89   | 6.42     |
|  | 255 255 229 | 9.81   | 0.04   | 0.83   | 6.22     |
|  | 213 255 0   | 13.66  | 6.91   | 1.67   | 4.1      |
|  | 159 191 0   | 0.03   | 3.33   | 7.35   | 7.5      |
|  | 106 128 0   | 2.55   | 5.49   | 7.53   | 8.1      |
|  | 0 255 85    | 14.44  | 12.28  | 0.66   | 5.45     |
|  | 0 191 64    | 3.76   | 6.86   | 7.63   | 8.26     |
|  | 0 128 42    | 1.6    | 5.25   | 7.32   | 7.83     |
|  | 0 128 255   | 16.13  | 14.33  | 5.13   | 9.33     |
|  | 0 96 191    | 8.39   | 13.16  | 9.75   | 12.25    |
|  | 0 64 128    | 9.81   | 13.21  | 9.81   | 13.17    |
|  | 170 0 255   | 6.66   | 2.41   | 2.99   | 3.28     |
|  | 127 0 191   | 3.46   | 2.51   | 5.81   | 5.93     |
|  | 85 0 128    | 2.85   | 1.26   | 6.87   | 6.93     |
|  | 255 0 42    | 3.6    | 7.95   | 1.66   | 3.71     |
|  | 191 0 32    | 7.4    | 1.84   | 5.92   | 6.21     |
|  | 128 0 21    | 7.25   | 0.38   | 4.75   | 5.18     |
|  | 170 85 0    | 8.49   | 9.2    | 9.47   | 10.82    |
|  | 0 170 85    | 3.07   | 6.47   | 7.62   | 8.33     |
|  | 85 0 170    | 1.57   | 1.29   | 6.89   | 6.92     |
|  | 0 85 170    | 10.15  | 13.99  | 10.26  | 13.23    |
|  | 170 0 85    | 6.26   | 7.65   | 5.72   | 7.14     |
|  | 85 170 0    | 1.34   | 3.38   | 7.29   | 7.45     |
|  | 123 127 127 | 0.46   | 0.5    | 7.66   | 7.69     |
|  | 127 123 127 | 1.82   | 0.12   | 7.93   | 8.09     |
|  | 127 127 123 | 0.5    | 0.05   | 7.56   | 7.57     |
|  | Average     | 7.98   | 3.31   | 4.6    | 5.99     |
|  | Maximum     | 19.94  | 14.33  | 10.99  | 13.23    |