

# Colorimetric Report

## Page (1/4)



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|                  |                |
|------------------|----------------|
| Test Device      | Acer T232H     |
| Target           | sRGB           |
| Display Profile  | not considered |
| Rendering Intent | -              |

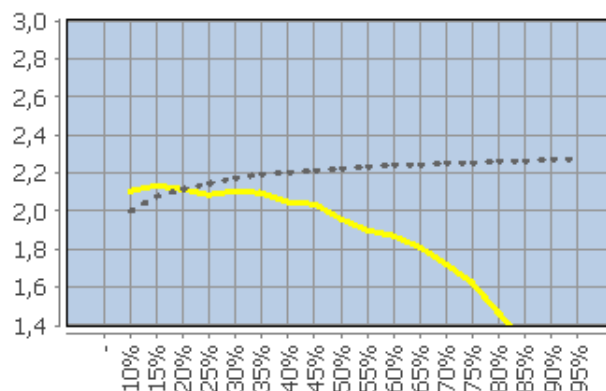
|                                     |                    |
|-------------------------------------|--------------------|
| White Point / CCT Kelvin            | 6652K              |
| White Point XYZ (normalized)        | 92.21 100.0 106.18 |
| DeltaE to D50/ D65                  | 19.03/ 5.29        |
| DeltaE to Blackbody Curve *         | 5.73               |
| Assumed Target Whitepoint           | 6700K              |
| DeltaE to Assumed Target Whitepoint | 5.94               |
| Brightness / cd/m <sup>2</sup> **   | 244.3              |
| Black Point / cd/m <sup>2</sup> **  | 0.23               |
| Contrast / x:1                      | 1062:1             |
| Gradation (Average)                 | 1.77               |

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

|  | Percent | Kelvin | deltaC | deltaE | Gamma |
|--|---------|--------|--------|--------|-------|
|  | 5       | -      | -      | -      | -     |
|  | 10      | 5962   | 1.6    | 2.21   | 2.1   |
|  | 15      | 6169   | 2.42   | 2.74   | 2.13  |
|  | 20      | 5912   | 3.14   | 3.14   | 2.11  |
|  | 25      | 6036   | 3.95   | 4.19   | 2.08  |
|  | 30      | 5947   | 4.16   | 4.49   | 2.1   |
|  | 35      | 5992   | 4.35   | 4.74   | 2.09  |
|  | 40      | 5875   | 5.62   | 6.29   | 2.05  |
|  | 45      | 5922   | 5.07   | 6.0    | 2.04  |
|  | 50      | 5861   | 6.25   | 7.68   | 1.96  |
|  | 55      | 5897   | 6.59   | 8.26   | 1.9   |
|  | 60      | 5963   | 6.32   | 8.11   | 1.87  |
|  | 65      | 5916   | 6.78   | 8.72   | 1.81  |
|  | 70      | 5938   | 6.9    | 9.08   | 1.72  |
|  | 75      | 6024   | 6.89   | 9.02   | 1.62  |
|  | 80      | 6054   | 6.71   | 8.99   | 1.47  |
|  | 85      | 6173   | 5.6    | 7.78   | 1.32  |
|  | 90      | 6268   | 4.7    | 6.09   | 1.28  |
|  | 95      | 6202   | 6.28   | 7.36   | 0.28  |
|  | 100     | 6652   | -      | -      | -     |
|  | Average | -      | 5.4*   | 6.63*  | 1.77  |
|  | Maximum | -      | 6.9*   | 9.08*  | -     |
|  | Range   | -      | 4.81*  | -      | -     |

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

### Corresponding Gamma



# Colorimetric Report

## Page (2/4)



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|                  |                |
|------------------|----------------|
| Test Device      | Acer T232H     |
| Target           | sRGB           |
| Display Profile  | not considered |
| Rendering Intent | -              |

|  | RGB        | deltaC | deltaH | deltaL | deltaE94 |
|--|------------|--------|--------|--------|----------|
|  | 255 0 0    | 1.37   | 2.38   | 1.89   | 2.12     |
|  | 0 255 0    | 4.54   | 14.05  | 0.05   | 5.07     |
|  | 0 0 255    | 8.09   | 5.73   | 3.7    | 4.32     |
|  | 0 255 255  | 5.27   | 0.45   | 0.76   | 1.81     |
|  | 255 0 255  | 3.03   | 5.23   | 0.02   | 1.98     |
|  | 255 255 0  | 11.33  | 3.01   | 0.73   | 2.55     |
|  | 170 85 85  | 4.65   | 4.37   | 3.01   | 4.43     |
|  | 85 170 85  | 7.57   | 7.52   | 4.47   | 6.42     |
|  | 85 85 170  | 2.84   | 1.87   | 2.98   | 3.27     |
|  | 85 170 170 | 0.78   | 6.49   | 4.92   | 6.77     |
|  | 170 85 170 | 1.6    | 2.5    | 3.76   | 4.03     |
|  | 170 170 85 | 10.66  | 3.5    | 4.92   | 6.4      |
|  | 229 0 0    | 2.59   | 2.33   | 0.71   | 1.28     |
|  | 204 0 0    | 4.97   | 2.0    | 2.5    | 2.83     |
|  | 178 0 0    | 4.8    | 1.43   | 2.82   | 3.07     |
|  | 153 0 0    | 3.89   | 1.18   | 2.37   | 2.61     |
|  | 127 0 0    | 3.12   | 0.89   | 2.12   | 2.33     |
|  | 102 0 0    | 1.21   | 0.49   | 1.25   | 1.33     |
|  | 76 0 0     | 0.38   | 0.12   | 0.59   | 0.61     |
|  | 0 229 0    | 7.8    | 13.52  | 3.15   | 6.13     |
|  | 0 204 0    | 9.48   | 12.63  | 4.98   | 7.27     |
|  | 0 178 0    | 8.42   | 11.37  | 4.43   | 6.73     |
|  | 0 153 0    | 7.37   | 10.1   | 3.89   | 6.18     |
|  | 0 127 0    | 5.68   | 8.69   | 2.99   | 5.33     |
|  | 0 102 0    | 3.08   | 6.83   | 1.92   | 4.13     |
|  | 0 76 0     | 0.46   | 4.82   | 0.78   | 2.87     |
|  | 0 0 229    | 7.91   | 6.05   | 4.09   | 4.76     |
|  | 0 0 204    | 6.64   | 5.8    | 4.11   | 4.77     |
|  | 0 0 178    | 6.85   | 5.36   | 3.74   | 4.47     |
|  | 0 0 153    | 6.38   | 4.91   | 3.22   | 4.03     |
|  | 0 0 127    | 6.73   | 4.27   | 2.61   | 3.57     |
|  | 0 0 102    | 7.49   | 3.89   | 2.03   | 3.35     |
|  | 0 0 76     | 5.16   | 2.38   | 1.44   | 2.47     |
|  | 0 229 229  | 2.28   | 4.51   | 3.91   | 4.79     |
|  | 0 204 204  | 0.46   | 6.63   | 5.72   | 7.01     |
|  | 0 178 178  | 0.19   | 6.67   | 5.21   | 6.72     |
|  | 0 153 153  | 0.07   | 6.22   | 4.64   | 6.2      |
|  | 0 127 127  | 0.01   | 6.09   | 3.68   | 5.59     |
|  | 0 102 102  | 0.05   | 5.71   | 2.46   | 4.8      |
|  | 0 76 76    | 0.84   | 3.45   | 1.25   | 2.94     |
|  | 229 0 229  | 2.67   | 1.8    | 2.33   | 2.47     |
|  | 204 0 204  | 1.75   | 0.44   | 3.82   | 3.84     |
|  | 178 0 178  | 1.94   | 1.56   | 3.88   | 3.96     |
|  | 153 0 153  | 1.99   | 1.31   | 3.43   | 3.51     |
|  | 127 0 127  | 2.46   | 1.98   | 2.93   | 3.15     |
|  | 102 0 102  | 3.27   | 1.64   | 1.9    | 2.27     |
|  | 76 0 76    | 3.05   | 0.54   | 1.15   | 1.53     |

# Colorimetric Report

## Page (3/4)



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|                  |                |
|------------------|----------------|
| Test Device      | Acer T232H     |
| Target           | sRGB           |
| Display Profile  | not considered |
| Rendering Intent | -              |

|  | RGB         | deltaC | deltaH | deltaL | deltaE94 |
|--|-------------|--------|--------|--------|----------|
|  | 229 229 0   | 14.27  | 3.57   | 3.0    | 4.4      |
|  | 204 204 0   | 15.28  | 4.05   | 5.25   | 6.44     |
|  | 178 178 0   | 13.87  | 4.46   | 4.97   | 6.28     |
|  | 153 153 0   | 12.23  | 3.6    | 4.37   | 5.64     |
|  | 127 127 0   | 10.11  | 3.49   | 3.54   | 4.89     |
|  | 102 102 0   | 7.39   | 2.5    | 2.27   | 3.53     |
|  | 76 76 0     | 4.11   | 1.69   | 0.95   | 2.03     |
|  | 255 25 25   | 0.32   | 3.18   | 2.05   | 2.42     |
|  | 255 51 51   | 1.98   | 2.72   | 1.61   | 2.03     |
|  | 255 76 76   | 4.1    | 2.26   | 0.82   | 1.6      |
|  | 255 102 102 | 5.3    | 4.36   | 0.25   | 2.58     |
|  | 255 127 127 | 6.77   | 5.18   | 1.51   | 3.8      |
|  | 255 153 153 | 7.4    | 6.01   | 2.63   | 5.23     |
|  | 255 178 178 | 6.89   | 7.1    | 3.4    | 6.63     |
|  | 255 204 204 | 5.71   | 7.85   | 4.04   | 7.91     |
|  | 255 229 229 | 2.67   | 5.67   | 2.69   | 5.96     |
|  | 25 255 25   | 5.05   | 13.99  | 0.06   | 5.14     |
|  | 51 255 51   | 3.87   | 12.82  | 0.04   | 4.84     |
|  | 76 255 76   | 1.63   | 11.1   | 0.05   | 4.37     |
|  | 102 255 102 | 0.07   | 10.11  | 0.19   | 4.27     |
|  | 127 255 127 | 2.55   | 9.08   | 0.49   | 4.24     |
|  | 153 255 153 | 4.51   | 7.73   | 0.76   | 4.2      |
|  | 178 255 178 | 5.46   | 7.44   | 1.1    | 4.77     |
|  | 204 255 204 | 5.75   | 6.18   | 1.29   | 4.97     |
|  | 229 255 229 | 3.13   | 3.76   | 0.87   | 3.63     |
|  | 25 25 255   | 6.12   | 4.95   | 3.06   | 3.61     |
|  | 51 51 255   | 5.82   | 4.44   | 3.17   | 3.67     |
|  | 76 76 255   | 6.04   | 3.96   | 3.51   | 3.98     |
|  | 102 102 255 | 6.99   | 3.22   | 4.27   | 4.7      |
|  | 127 127 255 | 8.0    | 1.99   | 5.13   | 5.55     |
|  | 153 153 255 | 8.73   | 1.17   | 5.67   | 6.22     |
|  | 178 178 255 | 8.95   | 0.23   | 6.01   | 6.77     |
|  | 204 204 255 | 9.2    | 0.56   | 6.04   | 7.34     |
|  | 229 229 255 | 5.73   | 0.46   | 3.77   | 5.21     |
|  | 25 255 255  | 5.13   | 0.45   | 0.75   | 1.78     |
|  | 51 255 255  | 5.08   | 0.42   | 0.76   | 1.8      |
|  | 76 255 255  | 5.24   | 0.41   | 0.79   | 1.91     |
|  | 102 255 255 | 5.69   | 0.37   | 0.89   | 2.18     |
|  | 127 255 255 | 6.53   | 0.36   | 1.06   | 2.68     |
|  | 153 255 255 | 6.94   | 0.29   | 1.17   | 3.13     |
|  | 178 255 255 | 7.65   | 0.21   | 1.38   | 3.89     |
|  | 204 255 255 | 7.32   | 0.1    | 1.38   | 4.38     |
|  | 229 255 255 | 4.56   | 0.01   | 0.9    | 3.39     |

# Colorimetric Report

## Page (4/4)



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|                  |                |
|------------------|----------------|
| Test Device      | Acer T232H     |
| Target           | sRGB           |
| Display Profile  | not considered |
| Rendering Intent | -              |

|  | RGB         | deltaC | deltaH | deltaL | deltaE94 |
|--|-------------|--------|--------|--------|----------|
|  | 255 25 255  | 2.62   | 5.16   | 0.08   | 1.96     |
|  | 255 51 255  | 3.44   | 5.06   | 0.2    | 2.02     |
|  | 255 76 255  | 4.96   | 4.87   | 0.76   | 2.26     |
|  | 255 102 255 | 7.09   | 4.55   | 1.56   | 2.85     |
|  | 255 127 255 | 9.18   | 4.07   | 2.43   | 3.69     |
|  | 255 153 255 | 10.74  | 3.34   | 3.25   | 4.61     |
|  | 255 178 255 | 11.34  | 2.52   | 3.73   | 5.37     |
|  | 255 204 255 | 11.55  | 1.48   | 4.15   | 6.37     |
|  | 255 229 255 | 7.22   | 0.59   | 2.72   | 5.01     |
|  | 255 255 25  | 11.69  | 3.0    | 0.74   | 2.65     |
|  | 255 255 51  | 10.05  | 2.71   | 0.71   | 2.41     |
|  | 255 255 76  | 7.27   | 2.24   | 0.66   | 1.95     |
|  | 255 255 102 | 5.39   | 1.81   | 0.62   | 1.64     |
|  | 255 255 127 | 2.69   | 1.32   | 0.51   | 1.11     |
|  | 255 255 153 | 0.36   | 0.9    | 0.38   | 0.65     |
|  | 255 255 178 | 0.73   | 0.59   | 0.26   | 0.53     |
|  | 255 255 204 | 1.87   | 0.27   | 0.09   | 0.89     |
|  | 255 255 229 | 1.01   | 0.07   | 0.02   | 0.64     |
|  | 213 255 0   | 9.94   | 12.41  | 0.57   | 5.35     |
|  | 159 191 0   | 13.82  | 6.85   | 5.23   | 6.8      |
|  | 106 128 0   | 9.32   | 4.01   | 3.37   | 4.72     |
|  | 0 255 85    | 0.75   | 11.16  | 0.03   | 4.35     |
|  | 0 191 64    | 7.93   | 11.49  | 5.05   | 7.37     |
|  | 0 128 42    | 6.22   | 9.26   | 3.32   | 6.08     |
|  | 0 128 255   | 6.93   | 5.35   | 4.74   | 5.61     |
|  | 0 96 191    | 2.78   | 2.74   | 3.66   | 4.02     |
|  | 0 64 128    | 2.77   | 2.0    | 2.01   | 2.54     |
|  | 170 0 255   | 5.57   | 0.22   | 4.08   | 4.17     |
|  | 127 0 191   | 3.79   | 1.08   | 3.95   | 4.03     |
|  | 85 0 128    | 3.94   | 1.57   | 2.1    | 2.41     |
|  | 255 0 42    | 1.81   | 2.39   | 1.84   | 2.12     |
|  | 191 0 32    | 6.46   | 5.51   | 2.51   | 3.87     |
|  | 128 0 21    | 5.07   | 4.84   | 2.21   | 3.72     |
|  | 170 85 0    | 8.19   | 0.68   | 2.61   | 3.4      |
|  | 0 170 85    | 5.44   | 9.71   | 4.35   | 6.69     |
|  | 85 0 170    | 4.75   | 3.22   | 3.0    | 3.42     |
|  | 0 85 170    | 2.45   | 2.23   | 2.81   | 3.16     |
|  | 170 0 85    | 1.8    | 4.92   | 2.89   | 3.87     |
|  | 85 170 0    | 10.13  | 8.24   | 4.18   | 6.02     |
|  | 123 127 127 | 4.45   | 4.26   | 4.22   | 7.24     |
|  | 127 123 127 | 1.78   | 5.64   | 4.11   | 6.97     |
|  | 127 127 123 | 6.7    | 0.83   | 4.19   | 7.42     |
|  | Average     | 5.34   | 4.19   | 2.51   | 4.05     |
|  | Maximum     | 15.28  | 14.05  | 6.04   | 7.91     |