

# Colorimetric Report

## Page (1/1)



CCalc 2.6  
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|                  |                                        |
|------------------|----------------------------------------|
| Date             | Wednesday, May 8, 2024                 |
| Tester           | Simon Blohm                            |
| Display          | BenQ GW790                             |
| Sensor           | X-Rite i1 Display Pro (Corr.: Generic) |
| Testchart        | Only neutral colours                   |
| Target           | Greybalance                            |
| Display Profile  | Not considered                         |
| Rendering Intent | -                                      |

|                                     |                     |
|-------------------------------------|---------------------|
| White Point (CCT)                   | 6576 Kelvin         |
| White Point XYZ (normalized)        | 93.99 100.00 108.14 |
| DeltaE to D50/ D65                  | 19.33/ 1.92         |
| Assumed Target Whitepoint (1)       | 6600 Kelvin         |
| DeltaE to Assumed Target Whitepoint | 2.19                |
| Brightness                          | 224.82 cd/m²        |
| Black Point                         | 0.20 cd/m²          |
| Contrast (x:1)                      | 1124:1              |
| Gradation (Average)                 | 2.19                |

(1) Daylight

|  | Percent     | Kelvin | Delta C | Delta E | Gamma |
|--|-------------|--------|---------|---------|-------|
|  | 5           | -      | -       | -       | -     |
|  | 10          | 7145   | 1.12    | -       | 2.15  |
|  | 15          | 6880   | 0.93    | -       | 2.19  |
|  | 20          | 6643   | 0.61    | -       | 2.20  |
|  | 25          | 6651   | 0.37    | -       | 2.21  |
|  | 30          | 6631   | 0.19    | -       | 2.21  |
|  | 35          | 6613   | 0.16    | -       | 2.22  |
|  | 40          | 6572   | 0.24    | -       | 2.21  |
|  | 45          | 6573   | 0.09    | -       | 2.22  |
|  | 50          | 6572   | 0.34    | -       | 2.21  |
|  | 55          | 6572   | 0.34    | -       | 2.21  |
|  | 60          | 6571   | 0.37    | -       | 2.20  |
|  | 65          | 6569   | 0.30    | -       | 2.20  |
|  | 70          | 6555   | 0.33    | -       | 2.19  |
|  | 75          | 6560   | 0.28    | -       | 2.18  |
|  | 80          | 6555   | 0.27    | -       | 2.19  |
|  | 85          | 6554   | 0.38    | -       | 2.17  |
|  | 90          | 6552   | 0.34    | -       | 2.17  |
|  | 95          | 6554   | 0.32    | -       | 2.14  |
|  | 100 (2)     | 6575   | -       | -       | -     |
|  | Average (3) | -      | 0.34    | -       | 2.19  |
|  | Maximum (3) | -      | 0.93    | -       | -     |
|  | Range (3)   | -      | 1.3     | -       | -     |

(2) Visual adaptation to display whitepoint is assumed  
(3) Only luminance > 1% considered

Corresponding Gamma

