

Colorimetric Report

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CCalc 2.7
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| | |
|------------------|--|
| Date | Friday, March 20, 2026 |
| Tester | Manuel Findeis |
| Display | BenQ PD2770U |
| Sensor | X-Rite i1 Display Pro (Corr.: Generic) |
| Testchart | Only neutral colours |
| Target | Greybalance |
| Display Profile | Not considered |
| Rendering Intent | - |

| | |
|-------------------------------------|--------------------------|
| White Point (CCT) | 6612 Kelvin |
| White Point XYZ (normalized) | 94.23 100.00 109.13 |
| DeltaE to D50/ D65 | 19.90/ 1.44 |
| Assumed Target Whitepoint (1) | 6600 Kelvin |
| DeltaE to Assumed Target Whitepoint | 1.51 |
| Brightness | 158.95 cd/m ² |
| Black Point | 0.24 cd/m ² |
| Contrast (x:1) | 662:1 |
| Gradation (Average) | 2.20 |

(1) Daylight

| | Percent | Kelvin | Delta C | Delta E | Gamma |
|--|-------------|--------|---------|---------|-------|
| | 5 | - | - | - | - |
| | 10 | 6691 | 0.27 | - | 2.03 |
| | 15 | 6595 | 0.38 | - | 2.10 |
| | 20 | 6639 | 0.12 | - | 2.13 |
| | 25 | 6627 | 0.08 | - | 2.15 |
| | 30 | 6590 | 0.19 | - | 2.17 |
| | 35 | 6583 | 0.14 | - | 2.19 |
| | 40 | 6567 | 0.31 | - | 2.20 |
| | 45 | 6625 | 0.13 | - | 2.21 |
| | 50 | 6608 | 0.15 | - | 2.22 |
| | 55 | 6599 | 0.12 | - | 2.22 |
| | 60 | 6607 | 0.04 | - | 2.23 |
| | 65 | 6611 | 0.01 | - | 2.24 |
| | 70 | 6599 | 0.10 | - | 2.25 |
| | 75 | 6608 | 0.03 | - | 2.26 |
| | 80 | 6602 | 0.07 | - | 2.27 |
| | 85 | 6611 | 0.07 | - | 2.26 |
| | 90 | 6605 | 0.06 | - | 2.27 |
| | 95 | 6607 | 0.07 | - | 2.27 |
| | 100 (2) | 6612 | - | - | - |
| | Average (3) | - | 0.12 | - | 2.2 |
| | Maximum (3) | - | 0.38 | - | - |
| | Range (3) | - | 0.53 | - | - |

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

Corresponding Gamma

