

Colorimetric Report

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CCalc 2.6
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Date	Tuesday, September 5, 2023
Tester	Simon Blohm
Display	BenQ GW2790QT
Sensor	X-Rite i1 Display Pro (Corr.: Generic)
Testchart	Only neutral colours
Target	Greybalance
Display Profile	Not considered
Rendering Intent	-

White Point (CCT)	6483 Kelvin
White Point XYZ (normalized)	94.74 100.00 108.04
DeltaE to D50/ D65	19.02/ 0.75
Assumed Target Whitepoint (1)	6500 Kelvin
DeltaE to Assumed Target Whitepoint	0.66
Brightness	351.65 cd/m²
Black Point	0.34 cd/m²
Contrast (x:1)	1034:1
Gradation (Average)	2.14

(1) Daylight

	Percent	Kelvin	Delta C	Delta E	Gamma
	5	-	-	-	-
	10	6971	0.79	-	2.13
	15	6652	0.40	-	2.16
	20	6630	0.42	-	2.17
	25	6599	0.41	-	2.18
	30	6525	0.14	-	2.18
	35	6520	0.19	-	2.18
	40	6507	0.12	-	2.17
	45	6496	0.06	-	2.17
	50	6492	0.11	-	2.16
	55	6492	0.06	-	2.15
	60	6489	0.13	-	2.15
	65	6480	0.06	-	2.15
	70	6479	0.09	-	2.13
	75	6482	0.08	-	2.13
	80	6481	0.12	-	2.12
	85	6480	0.08	-	2.10
	90	6480	0.05	-	2.09
	95	6484	0.04	-	2.07
	100 (2)	6484	-	-	-
	Average (3)	-	0.15	-	2.14
	Maximum (3)	-	0.42	-	-
	Range (3)	-	0.51	-	-

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

Corresponding Gamma

