

Colorimetric Report

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CCalc 2.5
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Date	Wednesday, March 16, 2022
Tester	Damian Köb
Display	BenQ EX3210U
Sensor	X-Rite i1 Pro
Testchart	Only neutral colours
Target	Greybalance
Display Profile	Not considered
Rendering Intent	-

White Point (CCT)	6443 Kelvin
White Point XYZ (normalized)	93.87 100.00 105.83
DeltaE to D50/ D65	17.86/ 2.80
Assumed Target Whitepoint (1)	6400 Kelvin
DeltaE to Assumed Target Whitepoint	2.25
Brightness (2)	286.90 cd/m²
Black Point (2)	0.30 cd/m²
Contrast (x:1)	956:1
Gradation (Average)	2.45

(1) Daylight (2) Measured separately

	Percent	Kelvin	Delta C	Delta E	Gamma
	5	-	-	-	-
	10	6653	1.02	-	1.94
	15	6612	1.02	-	2.01
	20	6626	1.02	-	2.08
	25	6565	1.47	-	2.12
	30	6479	0.95	-	2.16
	35	6492	0.90	-	2.20
	40	6502	1.10	-	2.24
	45	6481	0.88	-	2.29
	50	6462	0.73	-	2.33
	55	6479	0.86	-	2.36
	60	6473	1.04	-	2.41
	65	6481	0.86	-	2.45
	70	6477	0.87	-	2.50
	75	6490	0.81	-	2.55
	80	6459	0.55	-	2.67
	85	6475	0.58	-	2.83
	90	6466	0.21	-	3.18
	95	6450	0.09	-	3.82
	100 (3)	6443	-	-	-
	Average (4)	-	0.83	-	2.45
	Maximum (4)	-	1.47	-	-
	Range (4)	-	1.47	-	-

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

Corresponding Gamma

