

Colorimetric Report

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CCalc 2.5
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Date	Thursday, November 24, 2022
Tester	Denis Freund
Display	BenQ PD3420Q
Sensor	X-Rite i1 Pro
Testchart	Only neutral colours
Target	Greybalance
Display Profile	Not considered
Rendering Intent	-

White Point (CCT)	6814 Kelvin
White Point XYZ (normalized)	95.52 100.00 114.37
DeltaE to D50/ D65	23.04/ 3.41
Assumed Target Whitepoint (1)	6800 Kelvin
DeltaE to Assumed Target Whitepoint	1.21
Brightness (2)	244.00 cd/m²
Black Point (2)	0.25 cd/m²
Contrast (x:1)	976:1
Gradation (Average)	2.20

(1) Daylight (2) Measured separately

	Percent	Kelvin	Delta C	Delta E	Gamma
	5	-	-	-	-
	10	7565	1.56	-	2.13
	15	7096	0.55	-	2.15
	20	7007	0.67	-	2.19
	25	6972	0.70	-	2.20
	30	6932	0.52	-	2.20
	35	6908	0.44	-	2.20
	40	6912	0.63	-	2.21
	45	6896	0.54	-	2.20
	50	6869	0.24	-	2.20
	55	6883	0.66	-	2.21
	60	6874	0.37	-	2.21
	65	6876	0.41	-	2.21
	70	6850	0.22	-	2.21
	75	6921	0.70	-	2.22
	80	6872	0.60	-	2.22
	85	6883	0.45	-	2.19
	90	6860	0.31	-	2.19
	95	6836	0.19	-	2.18
	100 (3)	6814	-	-	-
	Average (4)	-	0.48	-	2.2
	Maximum (4)	-	0.7	-	-
	Range (4)	-	0.74	-	-

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

Corresponding Gamma

