

Colorimetric Report

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CCalc 2.7
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Date	Wednesday, September 3, 2025
Tester	Damian Köb
Display	Acer Predator X27UX1
Sensor	X-Rite i1 Display Pro (Corr.: Generic)
Testchart	Only neutral colours
Target	Greybalance
Display Profile	Not considered
Rendering Intent	-

White Point (CCT)	6304 Kelvin
White Point XYZ (normalized)	94.68 100.00 105.04
DeltaE to D50/ D65	17.02/ 2.47
Assumed Target Whitepoint (1)	6300 Kelvin
DeltaE to Assumed Target Whitepoint	0.81
Brightness (2)	150.30 cd/m²
Black Point (2)	0.00 cd/m²
Contrast (x:1)	-
Gradation (Average)	2.20

(1) Daylight (2) Measured separately

	Percent	Kelvin	Delta C	Delta E	Gamma
	5	-	-	-	-
	10	6553	1.16	-	2.28
	15	6637	0.79	-	2.21
	20	6461	0.68	-	2.22
	25	6354	0.16	-	2.22
	30	6361	0.44	-	2.22
	35	6354	0.40	-	2.20
	40	6318	0.18	-	2.19
	45	6351	0.23	-	2.18
	50	6302	0.49	-	2.18
	55	6304	0.32	-	2.19
	60	6306	0.22	-	2.22
	65	6306	0.07	-	2.23
	70	6286	0.40	-	2.21
	75	6278	0.21	-	2.19
	80	6305	0.06	-	2.17
	85	6295	0.08	-	2.16
	90	6281	0.23	-	2.16
	95	6312	0.07	-	2.16
	100 (3)	6304	-	-	-
	Average (4)	-	0.29	-	2.2
	Maximum (4)	-	0.79	-	-
	Range (4)	-	1.13	-	-

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

Corresponding Gamma

