

Colorimetric Report

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CCalc 2.5
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Date	Friday, February 11, 2022
Tester	Oliver Jachmann
Display	Acer Predator XB323QKNV
Sensor	X-Rite i1 Display Pro (Corr.: WLED, XR)
Testchart	Only neutral colours
Target	Greybalance
Display Profile	Not considered
Rendering Intent	-

White Point (CCT)	6292 Kelvin
White Point XYZ (normalized)	94.68 100.00 104.84
DeltaE to D50/ D65	16.89/ 2.59
Assumed Target Whitepoint (1)	6300 Kelvin
DeltaE to Assumed Target Whitepoint	0.88
Brightness	311.50 cd/m²
Black Point	0.32 cd/m²
Contrast (x:1)	973:1
Gradation (Average)	2.25

(1) Daylight

	Percent	Kelvin	Delta C	Delta E	Gamma
	5	-	-	-	-
	10	6685	0.59	-	2.15
	15	6429	0.34	-	2.18
	20	6371	0.28	-	2.20
	25	6387	0.34	-	2.21
	30	6316	0.15	-	2.23
	35	6333	0.24	-	2.23
	40	6308	0.18	-	2.24
	45	6298	0.23	-	2.25
	50	6284	0.16	-	2.26
	55	6290	0.30	-	2.26
	60	6277	0.21	-	2.27
	65	6275	0.37	-	2.27
	70	6271	0.23	-	2.28
	75	6270	0.17	-	2.29
	80	6267	0.29	-	2.30
	85	6265	0.35	-	2.30
	90	6259	0.37	-	2.32
	95	6257	0.37	-	2.34
	100 (2)	6292	-	-	-
	Average (3)	-	0.27	-	2.25
	Maximum (3)	-	0.37	-	-
	Range (3)	-	0.6	-	-

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

Corresponding Gamma

