

Colorimetric Report

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CCalc 2.4
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Date	Thursday, November 14, 2019
Tester	Oliver Jachmann
Display	Acer Predator XN253Q
Sensor	X-Rite i1 Display Pro (Corr.: WLED, XR)
Testchart	Only neutral colours
Target	Greybalance
Display Profile	Not considered
Rendering Intent	-

White Point (CCT)	6570 Kelvin
White Point XYZ (normalized)	95.47 100.00 110.68
DeltaE to D50/ D65	20.63/ 1.32
Assumed Target Whitepoint (1)	6600 Kelvin
DeltaE to Assumed Target Whitepoint	0.87
Brightness	295.71 cd/m²
Black Point	0.30 cd/m²
Contrast (x:1)	986:1
Gradation (Average)	1.98

(1) Daylight

	Percent	Kelvin	Delta C	Delta E	Gamma
	5	-	-	-	-
	10	7024	1.29	-	1.93
	15	6942	1.34	-	1.99
	20	6952	1.51	-	1.99
	25	6912	1.49	-	2.02
	30	6871	1.36	-	2.03
	35	6813	1.46	-	2.04
	40	6809	1.48	-	2.05
	45	6781	1.55	-	2.05
	50	6726	1.49	-	2.06
	55	6687	1.44	-	2.05
	60	6666	1.56	-	2.05
	65	6637	1.54	-	2.04
	70	6615	1.59	-	2.02
	75	6614	1.43	-	2.00
	80	6583	1.32	-	1.98
	85	6568	1.19	-	1.89
	90	6545	1.19	-	1.80
	95	6519	1.07	-	1.66
	100 (2)	6570	-	-	-
	Average (3)	-	1.41	-	1.98
	Maximum (3)	-	1.59	-	-
	Range (3)	-	1.59	-	-

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

Corresponding Gamma

