

Colorimetric Report

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CCalc 2.6
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Date	Wednesday, March 20, 2024
Tester	Damian Köb
Display	Acer Nitro XV275UP3
Sensor	X-Rite i1 Display Pro (Corr.: Generic)
Testchart	Only neutral colours
Target	Greybalance
Display Profile	Not considered
Rendering Intent	-

White Point (CCT)	6919 Kelvin
White Point XYZ (normalized)	96.36 100.00 117.30
DeltaE to D50/ D65	24.88/ 5.52
Assumed Target Whitepoint (1)	6900 Kelvin
DeltaE to Assumed Target Whitepoint	2.93
Brightness (2)	168.00 cd/m²
Black Point (2)	0.05 cd/m²
Contrast (x:1)	3360:1
Gradation (Average)	2.27

(1) Daylight (2) Measured separately

	Percent	Kelvin	Delta C	Delta E	Gamma
	5	-	-	-	-
	10	6758	0.99	-	2.28
	15	7477	1.30	-	2.31
	20	6950	0.46	-	2.28
	25	7344	0.97	-	2.27
	30	7243	0.90	-	2.28
	35	7199	0.87	-	2.27
	40	7141	0.86	-	2.28
	45	7128	0.92	-	2.27
	50	7128	1.01	-	2.25
	55	7090	0.95	-	2.24
	60	7110	1.10	-	2.25
	65	7104	1.00	-	2.25
	70	7055	0.96	-	2.25
	75	7099	1.00	-	2.26
	80	7101	1.08	-	2.26
	85	7090	1.02	-	2.26
	90	7109	1.18	-	2.30
	95	7068	0.97	-	2.36
	100 (3)	6919	-	-	-
	Average (4)	-	0.97	-	2.27
	Maximum (4)	-	1.3	-	-
	Range (4)	-	1.69	-	-

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

Corresponding Gamma

