

Colorimetric Report

Page (1/1)



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)	6481 Kelvin
White Point XYZ (normalized)	93.65 100.00 106.05
DeltaE to D50/ D65	18.10/ 3.02
Assumed Target Whitepoint (1)	6500 Kelvin
DeltaE to Assumed Target Whitepoint	2.94
Brightness (2)	168.00 cd/m²
Black Point (2)	0.05 cd/m²
Contrast (x:1)	3360:1
Gradation (Average)	2.26

(1) Daylight (2) Measured separately

	Percent	Kelvin	Delta C	Delta E	Gamma
	5	-	-	-	-
	10	6663	0.79	-	2.27
	15	6903	0.85	-	2.30
	20	6524	0.64	-	2.28
	25	6552	0.87	-	2.27
	30	6696	1.64	-	2.28
	35	6628	1.49	-	2.27
	40	6693	1.65	-	2.27
	45	6686	2.02	-	2.26
	50	6629	2.11	-	2.24
	55	6601	2.16	-	2.23
	60	6586	2.37	-	2.23
	65	6590	2.18	-	2.24
	70	6548	2.47	-	2.23
	75	6521	2.69	-	2.24
	80	6555	2.47	-	2.24
	85	6544	2.25	-	2.23
	90	6557	2.05	-	2.25
	95	6559	1.86	-	2.30
	100 (3)	6481	-	-	-
	Average (4)	-	1.87	-	2.26
	Maximum (4)	-	2.69	-	-
	Range (4)	-	2.69	-	-

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

Corresponding Gamma

