

Colorimetric Report

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CCalc 2.6
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Date	Thursday, May 11, 2023
Tester	Oliver Jachmann
Display	DELL Alienware AW3423DWF
Sensor	X-Rite i1 Display Pro (Corr.: OLED, XR)
Testchart	Only neutral colours
Target	Greybalance
Display Profile	Not considered
Rendering Intent	-

White Point (CCT)	6272 Kelvin
White Point XYZ (normalized)	95.94 100.00 106.82
DeltaE to D50/ D65	17.99/ 2.01
Assumed Target Whitepoint (1)	6300 Kelvin
DeltaE to Assumed Target Whitepoint	1.66
Brightness (2)	0.00 cd/m²
Black Point (2)	0.00 cd/m²
Contrast (x:1)	-
Gradation (Average)	2.11

(1) Daylight (2) Measured separately

	Percent	Kelvin	Delta C	Delta E	Gamma
	5	-	-	-	-
	10	6699	0.72	-	2.07
	15	6461	0.72	-	2.10
	20	6394	0.64	-	2.10
	25	6414	0.48	-	2.10
	30	6435	0.83	-	2.11
	35	6336	0.74	-	2.12
	40	6352	0.51	-	2.12
	45	6305	0.69	-	2.12
	50	6278	0.23	-	2.11
	55	6294	0.49	-	2.12
	60	6277	0.59	-	2.12
	65	6288	0.35	-	2.12
	70	6286	0.37	-	2.13
	75	6284	0.31	-	2.13
	80	6240	0.26	-	2.12
	85	6264	0.06	-	2.12
	90	6273	0.16	-	2.14
	95	6265	0.06	-	2.12
	100 (3)	6271	-	-	-
	Average (4)	-	0.44	-	2.11
	Maximum (4)	-	0.83	-	-
	Range (4)	-	0.94	-	-

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

Corresponding Gamma

