

Colorimetric Report

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CCalc 2.5
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Date	Tuesday, April 4, 2023
Tester	Damian Köb
Display	Philips 27M2C5500W
Sensor	X-Rite i1 Pro
Testchart	Only neutral colours
Target	Greybalance
Display Profile	Not considered
Rendering Intent	-

White Point (CCT)	6578 Kelvin
White Point XYZ (normalized)	98.67 100.00 116.48
DeltaE to D50/ D65	24.65/ 7.75
Assumed Target Whitepoint (1)	6600 Kelvin
DeltaE to Assumed Target Whitepoint	7.36
Brightness (2)	179.10 cd/m²
Black Point (2)	0.06 cd/m²
Contrast (x:1)	2985:1
Gradation (Average)	2.24

(1) Daylight (2) Measured separately

	Percent	Kelvin	Delta C	Delta E	Gamma
	5	-	-	-	-
	10	7001	1.45	-	2.21
	15	6809	0.86	-	2.23
	20	6605	0.53	-	2.22
	25	6429	0.46	-	2.20
	30	6424	0.47	-	2.20
	35	6388	0.65	-	2.21
	40	6360	0.83	-	2.21
	45	6350	1.08	-	2.21
	50	6326	1.29	-	2.22
	55	6308	1.46	-	2.22
	60	6297	1.58	-	2.22
	65	6311	1.65	-	2.22
	70	6308	1.78	-	2.23
	75	6283	2.00	-	2.25
	80	6269	2.16	-	2.26
	85	6256	2.25	-	2.28
	90	6255	2.33	-	2.31
	95	6264	2.47	-	2.43
	100 (3)	6578	-	-	-
	Average (4)	-	1.4	-	2.24
	Maximum (4)	-	2.47	-	-
	Range (4)	-	3.17	-	-

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

Corresponding Gamma

