

Colorimetric Report

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CCalc 2.5
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Date	Friday, May 5, 2023
Tester	Simon Blohm
Display	Samsung S27B800PXU
Sensor	X-Rite i1 Display Pro (Corr.: WLED, XR)
Testchart	Only neutral colours
Target	Greybalance
Display Profile	Not considered
Rendering Intent	-

White Point (CCT)	6488 Kelvin
White Point XYZ (normalized)	96.64 100.00 111.52
DeltaE to D50/ D65	21.12/ 3.21
Assumed Target Whitepoint (1)	6500 Kelvin
DeltaE to Assumed Target Whitepoint	3.29
Brightness	153.10 cd/m²
Black Point	0.14 cd/m²
Contrast (x:1)	1094:1
Gradation (Average)	2.29

(1) Daylight

	Percent	Kelvin	Delta C	Delta E	Gamma
	5	-	-	-	-
	10	6197	0.34	-	2.23
	15	6413	1.27	-	2.26
	20	6535	0.72	-	2.29
	25	6594	0.31	-	2.31
	30	6590	0.57	-	2.31
	35	6601	0.47	-	2.29
	40	6519	0.15	-	2.28
	45	6534	0.34	-	2.26
	50	6575	0.40	-	2.25
	55	6620	0.64	-	2.24
	60	6615	0.66	-	2.25
	65	6616	0.74	-	2.26
	70	6589	0.61	-	2.28
	75	6556	0.44	-	2.29
	80	6536	0.32	-	2.30
	85	6559	0.48	-	2.32
	90	6528	0.33	-	2.37
	95	6480	0.11	-	2.37
	100 (2)	6488	-	-	-
	Average (3)	-	0.5	-	2.29
	Maximum (3)	-	1.27	-	-
	Range (3)	-	1.49	-	-

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

Corresponding Gamma

