

Colorimetric Report

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CCalc 2.3
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Date	Wednesday, September 27, 2017
Tester	Oliver Jachmann
Display	ASUS ROG XG27VQ
Sensor	X-Rite i1 Display Pro (Corr.: WLED, XR)
Testchart	Only neutral colours
Target	Greybalance
Display Profile	Not considered
Rendering Intent	-

White Point (CCT)	6878 Kelvin
White Point XYZ (normalized)	96.28 100.00 116.59
DeltaE to D50/ D65	24.42/ 5.09
Assumed Target Whitepoint (1)	6900 Kelvin
DeltaE to Assumed Target Whitepoint	2.61
Brightness	251.84 cd/m²
Black Point	0.10 cd/m²
Contrast (x:1)	2518:1
Gradation (Average)	2.36

(1) Daylight

	Percent	Kelvin	Delta C	Delta E	Gamma
	5	-	-	-	-
	10	7817	1.23	-	2.31
	15	7459	1.61	-	2.32
	20	7502	1.95	-	2.34
	25	7305	1.54	-	2.33
	30	7230	1.35	-	2.34
	35	7016	1.31	-	2.33
	40	6908	0.70	-	2.30
	45	6880	0.55	-	2.29
	50	6856	0.74	-	2.27
	55	6930	1.05	-	2.26
	60	6976	1.51	-	2.28
	65	6979	1.58	-	2.32
	70	6863	0.81	-	2.35
	75	6790	0.84	-	2.39
	80	6767	0.65	-	2.43
	85	6756	0.76	-	2.48
	90	6751	0.89	-	2.54
	95	6766	1.07	-	2.64
	100 (2)	6878	-	-	-
	Average (3)	-	1.11	-	2.36
	Maximum (3)	-	1.95	-	-
	Range (3)	-	3.0	-	-

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

Corresponding Gamma

