

Colorimetric Report

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CCalc 2.6
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Date	Monday, July 22, 2024
Tester	Oliver Jachmann
Display	MSI MPG 491CQP
Sensor	X-Rite i1 Display Pro (Corr.: OLED, XR)
Testchart	Only neutral colours
Target	Greybalance
Display Profile	Not considered
Rendering Intent	-

White Point (CCT)	6229 Kelvin
White Point XYZ (normalized)	97.60 100.00 109.18
DeltaE to D50/ D65	19.67/ 4.44
Assumed Target Whitepoint (1)	6200 Kelvin
DeltaE to Assumed Target Whitepoint	5.37
Brightness	215.58 cd/m ²
Black Point	0.04 cd/m ²
Contrast (x:1)	5390:1
Gradation (Average)	2.17

(1) Daylight

	Percent	Kelvin	Delta C	Delta E	Gamma
	5	-	-	-	-
	10	6370	0.85	-	2.30
	15	6350	0.43	-	2.26
	20	6096	0.60	-	2.22
	25	6135	1.21	-	2.18
	30	6185	0.39	-	2.17
	35	6134	0.62	-	2.15
	40	6230	0.24	-	2.15
	45	6186	0.55	-	2.15
	50	6186	0.48	-	2.16
	55	6173	0.31	-	2.15
	60	6175	0.45	-	2.15
	65	6173	0.47	-	2.15
	70	6226	0.15	-	2.13
	75	6240	0.22	-	2.15
	80	6226	0.21	-	2.14
	85	6197	0.32	-	2.14
	90	6201	0.31	-	2.17
	95	6208	0.22	-	2.15
	100 (2)	6230	-	-	-
	Average (3)	-	0.42	-	2.17
	Maximum (3)	-	1.21	-	-
	Range (3)	-	1.5	-	-

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

Corresponding Gamma

