

Colorimetric Report

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CCalc 2.5
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Date	Saturday, October 19, 2024
Tester	Manuel Findeis
Display	BenQ RD280U
Sensor	X-Rite i1 Display Pro (Corr.: WLED, XR)
Testchart	Only neutral colours
Target	Greybalance
Display Profile	Not considered
Rendering Intent	-

White Point (CCT)	6569 Kelvin
White Point XYZ (normalized)	95.21 100.00 110.21
DeltaE to D50/ D65	20.36/ 0.86
Assumed Target Whitepoint (1)	6600 Kelvin
DeltaE to Assumed Target Whitepoint	0.38
Brightness	340.36 cd/m²
Black Point	0.31 cd/m²
Contrast (x:1)	1098:1
Gradation (Average)	2.23

(1) Daylight

	Percent	Kelvin	Delta C	Delta E	Gamma
	5	-	-	-	-
	10	7050	0.78	-	2.15
	15	6799	0.50	-	2.18
	20	6679	0.33	-	2.18
	25	6660	0.28	-	2.20
	30	6584	0.37	-	2.21
	35	6594	0.15	-	2.22
	40	6590	0.10	-	2.22
	45	6561	0.08	-	2.23
	50	6569	0.11	-	2.23
	55	6586	0.10	-	2.23
	60	6577	0.15	-	2.24
	65	6565	0.18	-	2.24
	70	6578	0.10	-	2.25
	75	6578	0.11	-	2.25
	80	6572	0.08	-	2.27
	85	6563	0.18	-	2.27
	90	6570	0.06	-	2.28
	95	6571	0.17	-	2.28
	100 (2)	6569	-	-	-
	Average (3)	-	0.18	-	2.23
	Maximum (3)	-	0.5	-	-
	Range (3)	-	0.63	-	-

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

Corresponding Gamma

