Colorimetric Report
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Date	Sunday, February 8, 2015
Display	BenQ_BL3201PT
Sensor	X-Rite i1 Pro
Testchart	In accordance with ISO 12646:2007 (1)
Target	sRGB
Display Profile	Not considered
Rendering Intent	-

(1) Five equally spaced code values for each channel

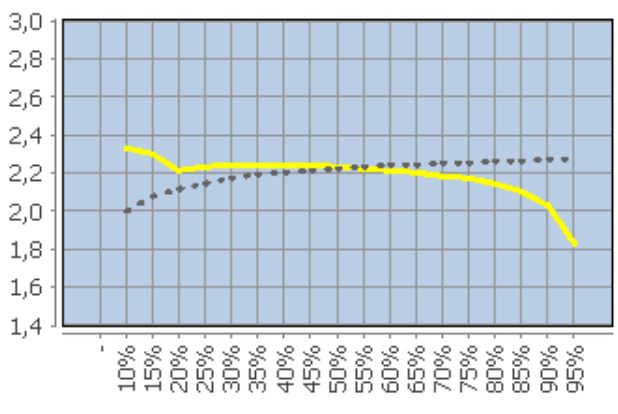
White Point (CCT)	6150 Kelvin
White Point XYZ (normalized)	93.78 100.00 100.75
DeltaE to D50/ D65	14.51/ 5.58
Assumed Target Whitepoint (2)	6100 Kelvin
DeltaE to Assumed Target Whitepoint	2.70
Brightness (3)	348.40 cd/m²
Black Point (3)	0.29 cd/m²
Contrast (x:1)	1201:1
Gradation (Average)	2.19

(2) Daylight (3) Measured with i1 Display Pro

	Percent	Kelvin	Delta C	Delta E	Gamma
	5	-	-	-	-
	10	6812	1.32	5.04	2.33
	15	6368	2.53	4.91	2.30
	20	6343	2.73	3.27	2.21
	25	6297	2.89	3.26	2.23
	30	6224	3.55	3.80	2.24
	35	6247	3.79	3.90	2.24
	40	6251	4.25	4.31	2.24
	45	6231	4.38	4.39	2.24
	50	6214	4.52	4.52	2.23
	55	6214	4.48	4.48	2.22
	60	6224	4.61	4.63	2.21
	65	6190	4.45	4.49	2.20
	70	6166	4.37	4.43	2.18
	75	6200	4.65	4.71	2.17
	80	6198	4.54	4.63	2.14
	85	6175	4.42	4.52	2.10
	90	6188	4.68	4.77	2.03
	95	6159	4.56	4.64	1.83
	100 (4)	6149	-	-	-
	Average (5)	-	4.08	4.33	2.19
	Maximum (5)	-	4.68	4.91	-
	Range (5)	-	4.68	-	-

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

Corresponding Gamma



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(1) Five equally spaced code values for each channel

	RGB	Delta C	Delta H	Delta L	Delta E94
	0 0 0	0.38	0.00	0.90	0.98
	0 0 63	1.73	1.46	0.75	1.30
	0 0 127	6.83	3.06	4.75	5.17
	0 0 191	17.57	3.56	8.61	9.22
	0 0 255	0.98	3.47	1.50	1.90
	0 63 0	7.14	0.64	4.73	5.32
	0 63 63	1.38	2.01	2.31	2.90
	0 63 127	18.98	7.96	0.50	8.19
	0 63 191	25.61	5.51	2.25	6.54
	0 63 255	4.74	0.34	0.40	0.89
	0 127 0	2.78	3.91	1.35	2.41
	0 127 63	1.10	1.87	0.80	1.35
	0 127 127	0.17	2.85	0.31	2.00
	0 127 191	10.20	7.57	0.05	5.84
	0 127 255	5.10	1.27	0.90	1.60
	0 191 0	6.51	5.79	0.43	2.70
	0 191 63	4.63	4.18	0.11	2.10
	0 191 127	0.33	0.11	0.15	0.19
	0 191 191	0.34	3.44	0.57	2.22
	0 191 255	2.22	1.18	0.19	1.02
	0 255 0	9.20	7.07	0.13	2.91
	0 255 63	7.39	5.82	0.16	2.52
	0 255 127	2.45	1.93	0.26	0.99
	0 255 191	0.32	1.65	0.46	0.95
	0 255 255	1.35	0.04	0.41	0.58
	63 0 0	9.47	3.42	3.73	5.80
	63 0 63	4.64	1.64	1.97	2.73
	63 0 127	10.89	4.93	4.02	5.28
	63 0 191	19.73	4.23	8.49	9.32
	63 0 255	1.23	1.89	2.09	2.20
	63 63 0	1.25	3.18	1.98	2.92
	63 63 63	2.95	0.15	1.53	3.33
	63 63 127	23.69	3.82	0.29	8.68
	63 63 191	39.92	5.34	4.39	10.16
	63 63 255	9.08	3.36	1.28	2.35
	63 127 0	3.48	3.85	1.41	2.57
	63 127 63	0.84	1.42	0.86	1.24
	63 127 127	0.05	3.79	0.36	2.89
	63 127 191	17.13	8.43	0.60	8.15
	63 127 255	7.06	3.41	1.49	2.75
	63 191 0	6.92	5.54	0.50	2.73
	63 191 63	4.46	3.63	0.17	1.93
	63 191 127	0.22	0.58	0.09	0.34
	63 191 191	0.48	3.92	0.50	2.62
	63 191 255	2.05	1.25	0.10	1.03
	63 255 0	9.37	6.91	0.07	2.92
	63 255 63	7.18	5.46	0.11	2.42

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(1) Five equally spaced code values for each channel

	RGB	Delta C	Delta H	Delta L	Delta E94
	63 255 127	1.90	1.40	0.21	0.75
	63 255 191	0.65	2.00	0.41	1.12
	63 255 255	1.28	0.05	0.34	0.54
	127 0 0	1.59	1.02	0.38	0.78
	127 0 63	1.40	0.93	0.66	0.95
	127 0 127	2.15	2.07	1.01	1.52
	127 0 191	4.79	3.48	2.28	2.83
	127 0 255	0.30	0.80	1.91	1.94
	127 63 0	10.13	5.57	0.47	4.45
	127 63 63	5.38	2.54	0.43	2.90
	127 63 127	5.66	1.05	0.03	1.99
	127 63 191	20.48	2.15	2.34	5.26
	127 63 255	6.86	3.52	0.14	1.78
	127 127 0	6.54	5.95	0.99	3.80
	127 127 63	2.01	3.95	0.48	2.73
	127 127 127	4.48	0.23	0.05	4.49
	127 127 191	21.99	4.00	0.64	8.70
	127 127 255	10.77	6.45	1.97	4.46
	127 191 0	7.74	6.74	0.28	3.43
	127 191 63	4.55	4.82	0.01	2.61
	127 191 127	1.56	0.98	0.27	0.85
	127 191 191	0.62	4.14	0.63	3.22
	127 191 255	2.15	1.10	0.13	1.07
	127 255 0	9.58	7.87	0.19	3.39
	127 255 63	7.00	6.39	0.22	2.87
	127 255 127	0.97	2.49	0.33	1.21
	127 255 191	2.10	1.18	0.53	1.04
	127 255 255	0.03	0.09	0.44	0.44
	191 0 0	10.08	5.74	1.24	3.52
	191 0 63	3.72	1.06	1.12	1.53
	191 0 127	2.93	1.33	1.26	1.57
	191 0 191	3.71	2.22	1.68	2.05
	191 0 255	1.09	0.61	1.22	1.25
	191 63 0	15.37	0.89	0.64	3.60
	191 63 63	7.69	1.40	0.62	2.32
	191 63 127	5.80	1.92	0.65	2.03
	191 63 191	6.00	1.63	1.06	1.86
	191 63 255	2.99	0.56	0.83	1.00
	191 127 0	14.62	8.33	0.36	5.57
	191 127 63	6.03	8.03	0.02	5.05
	191 127 127	5.10	4.24	0.37	3.83
	191 127 191	6.08	1.07	0.80	2.34
	191 127 255	6.07	3.02	0.07	2.02
	191 191 0	11.02	6.67	0.05	3.93
	191 191 63	6.69	5.21	0.21	3.19
	191 191 127	0.50	3.67	0.47	2.49
	191 191 191	4.71	0.28	0.80	4.79

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CCalc 2.1

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Target	sRGB
Display Profile	Not considered
Rendering Intent	-

(1) Five equally spaced code values for each channel

	RGB	Delta C	Delta H	Delta L	Delta E94
	191 191 255	4.39	4.26	0.23	3.31
	191 255 0	11.30	8.07	0.33	3.82
	191 255 63	8.20	6.83	0.35	3.33
	191 255 127	1.05	3.83	0.47	1.97
	191 255 191	3.14	0.63	0.64	1.35
	191 255 255	1.48	0.08	0.55	0.94
	255 0 0	11.91	9.40	0.35	4.23
	255 0 63	2.35	0.63	0.26	0.59
	255 0 127	2.20	4.84	0.04	2.18
	255 0 191	3.74	4.85	0.42	2.16
	255 0 255	2.01	1.78	0.12	0.74
	255 63 0	13.24	5.83	1.32	3.65
	255 63 63	3.65	1.94	0.95	1.49
	255 63 127	3.29	5.89	0.53	2.92
	255 63 191	4.94	5.02	0.08	2.44
	255 63 255	2.89	1.64	0.21	0.84
	255 127 0	13.12	0.01	2.22	3.50
	255 127 63	3.18	4.04	1.49	2.57
	255 127 127	1.93	5.96	0.81	3.44
	255 127 191	4.31	5.21	0.13	3.07
	255 127 255	1.78	1.37	0.01	0.74
	255 191 0	12.60	2.70	1.80	3.42
	255 191 63	2.93	3.79	1.51	2.48
	255 191 127	2.73	5.50	0.88	3.55
	255 191 191	0.93	5.43	0.04	3.98
	255 191 255	0.55	0.84	0.19	0.59
	255 255 0	13.89	3.38	0.32	2.95
	255 255 63	9.77	2.55	0.26	2.29
	255 255 127	1.73	1.19	0.12	0.77
	255 255 191	2.52	0.28	0.08	1.05
	255 255 255 (1)	-	-	-	-
	Average (2)	5.95	3.27	0.94	2.85
	Maximum (2)	39.92	9.40	8.61	10.16

(1) Visual adaptation to display whitepoint is assumed; CIELAB reference values are adapted (Bradford transformation) to display whitepoint
(2) Without Black

Color Space	Gamut Volume CIELAB D50
sRGB	99%