

Interpretation $rgb \rightarrow rgb^*$ and CIELAB data of a 48 step elementary hue circle

for a LECD low glossy display with the luminance reflection $L_r=40\%$ compared to the white reference (100%)

48 step elementary hue circle with hues: $RJGB: h_{ab,a} = 25.5, 92.3, 162.2, 271.7$, and $C' M' = 217.0, 328.6$

comparison with six device hues $OYLCVM: h_{ab,a} = 23.2, 106.5, 139.9, 198.2, 293.2, 324.2$

9 step equidistant grey scale: $L^* = 69.7, 72.9, 76.1, 79.3, 82.5, 85.8, 89.0, 92.2, 95.4$

u^*_{Ma}	h_{rgb}	$[L^*, a^*, b^*, C^*_{ab}, h_{ab}]_{Ma,e}$	$rgb \rightarrow rgb^*_{Ma}$			u^*_{Ma}	h_{rgb}	$[L^*, a^*, b^*, C^*_{ab}, h_{ab}]_{Ma,e}$	$rgb \rightarrow rgb^*_{Ma}$			
r00j=R	30.0	76.8 24.8 11.8 27.5 25.5	1.000	0.000	0.000	c'00b=C'	210.0	88.1 -17.2 -12.9 21.6	217.0	0.000	1.000	1.000
r12j	36.6	78.3 21.2 14.2 25.5 33.8	1.000	0.125	0.000	c'12b	216.6	87.0 -15.1 -14.5 21.1	223.8	0.000	0.875	1.000
r25j	43.9	79.7 18.0 16.3 24.3 42.2	1.000	0.250	0.000	c'25b	223.9	85.9 -12.9 -15.7 20.5	230.7	0.000	0.750	1.000
r37j	51.8	81.0 15.0 18.3 23.7 50.5	1.000	0.375	0.000	c'37b	231.8	84.8 -10.9 -17.2 20.5	237.5	0.000	0.625	1.000
r50j	60.0	82.3 12.3 20.3 23.8 58.9	1.000	0.500	0.000	c'50b	240.0	83.8 -9.1 -19.0 21.2	244.4	0.000	0.500	1.000
r62j	68.2	83.7 9.4 22.4 24.3 67.2	1.000	0.625	0.000	c'62b	248.2	82.7 -7.0 -20.7 21.9	251.2	0.000	0.375	1.000
r75j	76.1	85.1 6.3 24.6 25.3 75.6	1.000	0.750	0.000	c'75b	256.1	81.6 -4.6 -22.2 22.8	258.0	0.000	0.250	1.000
r87j	83.4	86.9 2.9 27.3 27.5 84.0	1.000	0.875	0.000	c'87b	263.4	80.3 -2.1 -24.5 24.7	264.9	0.000	0.125	1.000
j00g=J	90.0	88.8 -1.1 30.0 30.1 92.3	1.000	1.000	0.000	b00m'=B	270.0	78.9 0.8 -26.6 26.7	271.7	0.000	0.000	1.000
j12g	96.6	92.0 -6.8 35.3 35.9 101.1	0.875	1.000	0.000	b12m'	276.6	77.2 4.6 -29.4 29.9	278.8	0.125	0.000	1.000
j25g	103.9	93.6 -13.3 37.4 39.7 109.8	0.750	1.000	0.000	b25m'	283.9	74.9 9.5 -33.1 34.5	286.0	0.250	0.000	1.000
j37g	111.8	92.4 -19.1 35.3 40.2 118.5	0.625	1.000	0.000	b37m'	291.8	72.0 16.1 -37.8 41.2	293.1	0.375	0.000	1.000
j50g	120.0	91.3 -25.3 33.4 42.0 127.3	0.500	1.000	0.000	b50m'	300.0	73.2 20.8 -35.7 41.4	300.2	0.500	0.000	1.000
j62g	128.2	90.1 -32.5 31.5 45.3 136.0	0.375	1.000	0.000	b62m'	308.2	74.5 25.6 -33.5 42.2	307.3	0.625	0.000	1.000
j75g	136.1	89.7 -34.1 24.2 41.9 144.7	0.250	1.000	0.000	b75m'	316.1	76.0 30.4 -31.0 43.5	314.4	0.750	0.000	1.000
j87g	143.4	90.0 -30.9 15.5 34.7 153.5	0.125	1.000	0.000	b87m'	323.4	77.6 35.7 -28.3 45.6	321.5	0.875	0.000	1.000
g00c'=G	150.0	90.2 -28.6 9.2 30.2 162.2	0.000	1.000	0.000	m'00r=M	330.0	78.0 36.7 -22.3 43.0	328.6	1.000	0.000	1.000
g12c'	156.6	90.4 -27.0 5.2 27.6 169.1	0.000	1.000	0.125	m'12r	336.6	77.5 34.1 -15.3 37.4	335.7	1.000	0.000	0.875
g25c'	163.9	90.5 -26.3 1.9 26.5 175.9	0.000	1.000	0.250	m'25r	343.9	77.2 32.3 -9.9 33.8	342.8	1.000	0.000	0.750
g37c'	171.8	90.7 -25.3 -1.1 25.5 182.8	0.000	1.000	0.375	m'37r	351.8	77.0 30.9 -5.4 31.3	349.9	1.000	0.000	0.625
g50c'	180.0	90.8 -24.0 -4.0 24.4 189.6	0.000	1.000	0.500	m'50r	360.0	76.8 29.6 -1.4 29.7	357.0	1.000	0.000	0.500
g62c'	188.2	91.0 -22.4 -6.5 23.4 196.4	0.000	1.000	0.625	m'62r	368.2	76.6 28.6 2.1 28.6	4.2	1.000	0.000	0.375
g75c'	196.1	90.2 -20.8 -8.9 22.7 203.3	0.000	1.000	0.750	m'75r	376.1	76.5 27.6 5.5 28.1	11.3	1.000	0.000	0.250
g87c'	203.4	89.1 -19.1 -11.0 22.2 210.1	0.000	1.000	0.875	m'87r	383.4	76.4 26.6 8.8 28.0	18.4	1.000	0.000	0.125