

Interpretation <i>rgb</i> -> <i>rgb*</i> and CIELAB data of a 48 step elementary hue circle for a LECD low glossy display with the luminance reflection <i>L_r</i> =0% compared to the white reference (100%)														
48 step elementary hue circle with hues: <i>R</i> : <i>G</i> : <i>B</i> : <i>h</i> _{ab,a} = 25.5, 92.3, 162.2, 217.7, and <i>C'</i> <i>M'</i> = 217.0, 328.6														
comparison with six device hues <i>O</i> : <i>Y</i> : <i>L</i> : <i>C</i> : <i>M</i> : <i>V</i> : <i>h</i> _{ab,a} = 46.0, 101.2, 131.0, 196.6, 306.1, 326.8														
9 step equidistant grey scale: <i>L</i> * = 0.0, 11.9, 23.9, 35.8, 47.7, 59.6, 71.6, 83.5, 95.4														
<i>u</i> * <i>Ma</i>	<i>h</i> _{rgb}	[<i>L</i> *, <i>a</i> *, <i>b</i> *, <i>C</i> * _{ab} , <i>h</i> _{ab} , <i>M</i> _a , <i>E</i>]	<i>rgb</i> -> <i>rgb</i> * <i>Ma</i>			<i>u</i> * <i>Ma</i>	<i>h</i> _{rgb}	[<i>L</i> *, <i>a</i> *, <i>b</i> *, <i>C</i> * _{ab} , <i>h</i> _{ab} , <i>M</i> _a , <i>E</i>]	<i>rgb</i> -> <i>rgb</i> * <i>Ma</i>			<i>u</i> * <i>Ma</i>	<i>h</i> _{rgb}	[<i>L</i> *, <i>a</i> *, <i>b</i> *, <i>C</i> * _{ab} , <i>h</i> _{ab} , <i>M</i> _a , <i>E</i>]
r00]=R	30.0	50.5 79.3 37.8 87.9 25.5	1.000 0.000 0.000			c*00b=C'	210.0 79.7 -36.1 -27.2 45.3	217.0	0.000 1.000 1.000			c*12b	216.6 77.7 -31.9 -30.6 44.4	223.8
r12]	36.6	50.3 78.0 52.3 93.9 33.8	1.000 0.125 0.000			c*12b	216.6 77.7 -31.9 -30.6 44.4	223.8	0.000 0.875 1.000			c*25b	223.9 74.8 -27.6 -33.7 43.6	230.7
r25]	43.9	50.1 77.6 70.3 104.7 42.2	1.000 0.250 0.000			c*25b	223.9 74.8 -27.6 -33.7 43.6	230.7	0.000 0.750 1.000			c*37b	231.8 72.4 -24.2 -38.0 45.2	237.5
r37]	51.8	53.6 66.5 80.8 104.6 50.5	1.000 0.375 0.000			c*37b	231.8 72.4 -24.2 -38.0 45.2	237.5	0.000 0.625 1.000			c*50b	240.0 70.0 -20.1 -42.0 46.7	244.4
r50]	60.0	59.6 49.8 82.6 96.5 58.9	1.000 0.500 0.000			c*50b	240.0 70.0 -20.1 -42.0 46.7	244.4	0.000 0.500 1.000			c*62b	248.2 67.6 -15.4 -45.6 48.2	251.2
r62]	68.2	65.1 35.9 85.6 92.8 67.2	1.000 0.625 0.000			c*62b	248.2 67.6 -15.4 -45.6 48.2	251.2	0.000 0.375 1.000			c*75b	256.1 64.9 -10.5 -50.1 51.3	258.0
r75]	76.1	70.6 22.9 89.3 92.2 75.6	1.000 0.750 0.000			c*75b	256.1 64.9 -10.5 -50.1 51.3	258.0	0.000 0.250 1.000			c*87b	263.4 62.0 -4.8 -55.0 55.3	264.9
r87]	83.4	76.5 9.9 93.9 94.4 84.0	1.000 0.875 0.000			c*87b	263.4 62.0 -4.8 -55.0 55.3	264.9	0.000 0.125 1.000			b00m]=B	270.0 59.9 1.8 -59.8 59.9	271.7
j00g]=J	90.0	83.5 -3.9 100.0 100.1 92.3	1.000 1.000 0.000			b00m]=B	270.0 59.9 1.8 -59.8 59.9	271.7	0.000 0.000 1.000			b12m'	276.6 54.8 10.4 -66.7 67.6	278.8
j12g]	96.6	92.7 -21.1 108.5 110.6 101.1	0.875 1.000 0.000			b12m'	276.6 54.8 10.4 -66.7 67.6	278.8	0.125 0.000 1.000			b25m'	283.9 50.1 21.4 -74.6 77.7	286.0
j25g]	103.9	89.9 -37.5 104.4 111.0 109.8	0.750 1.000 0.000			b25m'	283.9 50.1 21.4 -74.6 77.7	286.0	0.250 0.000 1.000			b37m'	291.8 44.3 35.9 -84.1 91.5	293.1
j37g]	111.8	87.4 -54.6 100.6 114.5 118.5	0.625 1.000 0.000			b37m'	291.8 44.3 35.9 -84.1 91.5	293.1	0.375 0.000 1.000			b50m'	300.0 37.1 56.1 -96.4 111.6	300.2
j50g]	120.0	85.0 -73.9 97.3 122.3 127.3	0.500 1.000 0.000			b50m'	300.0 37.1 56.1 -96.4 111.6	300.2	0.500 0.000 1.000			b62m'	308.2 31.5 80.3 -105.4 132.6	307.3
j62g]	128.2	84.2 -80.8 78.1 112.5 136.0	0.375 1.000 0.000			b62m'	308.2 31.5 80.3 -105.4 132.6	307.3	0.625 0.000 1.000			b75m'	316.1 42.5 85.0 -86.7 121.4	314.4
j75g]	136.1	84.5 -74.7 52.9 91.6 144.7	0.250 1.000 0.000			b75m'	316.1 42.5 85.0 -86.7 121.4	314.4	0.750 0.000 1.000			b87m'	323.4 51.0 90.9 -72.2 116.1	321.5
j87g]	143.4	85.0 -68.3 34.1 76.5 153.5	0.125 1.000 0.000			b87m'	323.4 51.0 90.9 -72.2 116.1	321.5	0.875 0.000 1.000			<i>M</i>		
g00c']=G	150.0	85.4 -63.0 20.2 66.2 162.2	0.000 1.000 0.000			m*00r=M	330.0 56.1 95.1 -58.0 111.5	328.6	1.000 0.000 1.000			m*12r	336.6 54.2 91.0 -41.0	99.8
g12c']	156.6	85.7 -58.9 11.4 60.1 169.1	0.000 1.000 0.125			m*12r	336.6 54.2 91.0 -41.0	99.8	1.000 0.000 0.875			m*25r	343.9 53.0 87.7 -27.0	91.8
g25c']	163.9	86.1 -56.6 4.0 56.8 175.9	0.000 1.000 0.250			m*25r	343.9 53.0 87.7 -27.0	91.8	1.000 0.000 0.750			m*37r	351.8 52.3 85.3 -15.0	86.7
g37c']	171.8	86.4 -53.8 -2.5 53.9 182.8	0.000 1.000 0.375			m*37r	351.8 52.3 85.3 -15.0	86.7	1.000 0.000 0.625			m*50r	360.0 51.3 83.4 -4.2	83.6
g50c']	180.0	86.7 -50.3 -8.4 51.1 189.6	0.000 1.000 0.500			m*50r	360.0 51.3 83.4 -4.2	83.6	1.000 0.000 0.500			m*62r	368.2 51.3 82.1 6.0	82.3
g62c']	188.2	87.1 -46.2 -13.6 48.2 196.6	0.000 1.000 0.625			m*62r	368.2 51.3 82.1 6.0	82.3	1.000 0.000 0.375			m*75r	376.1 51.0 80.8 16.1	82.4
g75c']	196.1	84.6 -43.3 -18.6 47.2 203.3	0.000 1.000 0.750			m*75r	376.1 51.0 80.8 16.1	82.4	1.000 0.000 0.250			m*87r	383.4 50.7 79.7 26.5	83.9
g87c']	203.4	82.2 -39.9 -23.1 46.3 210.1	0.000 1.000 0.875			m*87r	383.4 50.7 79.7 26.5	83.9	1.000 0.000 0.125					

Interpretation <i>rgb</i> -> <i>rgb*</i> and CIELAB data of a 48 step elementary hue circle for a LECD low glossy display with the luminance reflection $L_r=0.6\%$ compared to the white reference (100%)														
48 step elementary hue circle with hues: <i>R</i> / <i>G</i> / <i>B</i> : $h_{ab,a} = 25.5, 92.3, 162.2, 217.7$, and <i>C'</i> / <i>M'</i> = 217.0, 328.6														
comparison with six device hues <i>O</i> / <i>Y</i> / <i>L</i> / <i>C</i> / <i>M</i> / <i>V</i> : $h_{ab,a} = 43.3, 101.4, 131.4, 196.6, 305.6, 326.8$														
9 step equidistant grey scale: $L^* = 5.0, 16.3, 27.6, 38.9, 50.2, 61.5, 72.8, 84.1, 95.4$														
<i>u</i> * <i>Ma</i>	<i>h</i> _{rgb}	[<i>L</i> *, <i>a</i> *, <i>b</i> *, <i>C</i> * _{ab} , <i>h</i> _{ab} , <i>M</i> _a , <i>E</i>]	<i>rgb</i> -> <i>rgb</i> * <i>Ma</i>			<i>u</i> * <i>Ma</i>	<i>h</i> _{rgb}	[<i>L</i> *, <i>a</i> *, <i>b</i> *, <i>C</i> * _{ab} , <i>h</i> _{ab} , <i>M</i> _a , <i>E</i>]	<i>rgb</i> -> <i>rgb</i> * <i>Ma</i>			<i>u</i> * <i>Ma</i>	<i>h</i> _{rgb}	[<i>L</i> *, <i>a</i> *, <i>b</i> *, <i>C</i> * _{ab} , <i>h</i> _{ab} , <i>M</i> _a , <i>E</i>]
r00]=R	30.0	51.1 77.8 37.1 86.2 25.5	1.000 0.000 0.000			c*00b=C'	210.0 79.9 -35.8 -26.9 44.9	217.0	0.000 1.000 1.000			c*12b	216.6 77.4 -31.6 -30.3 44.0	223.8
r12]	36.6	50.8 76.2 51.1 91.7 33.8	1.000 0.125 0.000			c*12b	216.6 77.4 -31.6 -30.3 44.0	223.8	0.000 0.875 1.000			c*25b	223.9 75.0 -27.3 -33.3 43.2	230.7
r25]	43.9	50.7 75.5 68.4 101.9 42.2	1.000 0.250 0.000			c*25b	223.9 75.0 -27.3 -33.3 43.2	230.7	0.000 0.750 1.000			c*37b	231.8 72.6 -23.9 -37.6 44.7	237.5
r37]	51.8	55.7 60.9 73.9 95.8 50.5	1.000 0.375 0.000			c*37b	231.8 72.6 -23.9 -37.6 44.7	237.5	0.000 0.625 1.000			c*50b	240.0 70.3 -19.9 -41.6 46.2	244.4
r50]	60.0	60.9 46.8 77.6 90.7 58.9	1.000 0.500 0.000			c*50b	240.0 70.3 -19.9 -41.6 46.2	244.4	0.000 0.500 1.000			c*62b	248.2 67.9 -15.3 -45.1 47.7	251.2
r62]	68.2	66.0 34.2 81.5 88.4 67.2	1.000 0.625 0.000			c*62b	248.2 67.9 -15.3 -45.1 47.7	251.2	0.000 0.375 1.000			c*75b	256.1 65.3 -10.4 -49.5 50.7	258.0
r75]	76.1	71.2 22.0 85.8 88.5 75.6	1.000 0.750 0.000			c*75b	256.1 65.3 -10.4 -49.5 50.7	258.0	0.000 0.250 1.000			c*87b	263.4 62.3 -4.8 -54.4 54.7	264.9
r87]	83.4	76.8 9.6 90.8 91.3 84.0	1.000 0.875 0.000			c*87b	263.4 62.3 -4.8 -54.4 54.7	264.9	0.000 0.125 1.000			b00m]=B	270.0 59.3 1.8 -59.1 59.3	271.7
j00g]=J	90.0	83.5 -3.8 97.1 97.2 92.3	1.000 1.000 0.000			b00m]=B	270.0 59.3 1.8 -59.1 59.3	271.7	0.000 0.000 1.000			b12m'	276.6 55.3 10.3 -66.0 66.9	278.8
j12g]	96.6	92.6 -20.6 106.0 108.0 101.1	0.875 1.000 0.000			b12m'	276.6 55.3 10.3 -66.0 66.9	278.8	0.125 0.000 1.000			b25m'	283.9 50.6 21.1 -73.8 76.9	286.0
j25g]	103.9	90.1 -36.6 102.1 108.5 109.8	0.750 1.000 0.000			b25m'	283.9 50.6 21.1 -73.8 76.9	286.0	0.250 0.000 1.000			b37m'	291.8 44.9 35.5 -83.2 90.6	293.1
j37g]	111.8	87.6 -53.4 98.4 112.0 118.5	0.625 1.000 0.000			b37m'	291.8 44.9 35.5 -83.2 90.6	293.1	0.375 0.000 1.000			b50m'	300.0 37.7 55.5 -95.4 110.5	300.2
j50g]	120.0	85.2 -72.2 95.0 119.4 127.3	0.500 1.000 0.000			b50m'	300.0 37.7 55.5 -95.4 110.5	300.2	0.500 0.000 1.000			b62m'	308.2 33.7 77.6 -101.8 128.1	307.3
j62g]	128.2	84.2 -80.0 77.4 111.4 136.0	0.375 1.000 0.000			b62m'	308.2 33.7 77.6 -101.8 128.1	307.3	0.625 0.000 1.000			b75m'	316.1 43.5 83.2 -84.9 118.9	314.4
j75g]	136.1	84.6 -73.9 52.3 90.7 144.7	0.250 1.000 0.000			b75m'	316.1 43.5 83.2 -84.9 118.9	314.4	0.750 0.000 1.000			b87m'	323.4 51.6 89.5 -71.1 114.3	321.5
j87g]	143.4	85.0 -67.6 33.8 75.7 153.5	0.125 1.000 0.000			b87m'	323.4 51.6 89.5 -71.1 114.3	321.5	0.875 0.000 1.000					
g00c]=G	150.0	85.5 -62.3 20.0 65.5 162.2	0.000 1.000 0.000			m*00r=M	330.0 56.6 93.8 -57.1 109.9	328.6	1.000 0.000 1.000			m*12r	336.6 54.7 89.6 -40.0 98.3	335.7
g12c]	156.6	85.8 -58.3 11.3 59.4 169.1	0.000 1.000 0.125			m*12r	336.6 54.7 89.6 -40.0 98.3	335.7	1.000 0.000 0.875			m*25r	343.9 53.6 86.3 -26.6 90.3	342.8
g25c]	163.9	86.1 -56.0 4.0 56.2 175.9	0.000 1.000 0.250			m*25r	343.9 53.6 86.3 -26.6 90.3	342.8	1.000 0.000 0.750			m*37r	351.8 52.8 84.0 -14.8 85.3	349.9
g37c]	171.8	86.5 -53.3 -2.5 53.4 182.8	0.000 1.000 0.375			m*37r	351.8 52.8 84.0 -14.8 85.3	349.9	1.000 0.000 0.625			m*50r	360.0 52.3 82.1 -8.1 82.2	357.0
g50c]	180.0	86.8 -49.8 -8.3 50.6 189.6	0.000 1.000 0.500			m*50r	360.0 52.3 82.1 -8.1 82.2	357.0	1.000 0.000 0.500			m*62r	368.2 51.9 80.7 5.9 80.9	4.2
g62c]	188.2	87.1 -45.7 -13.4 47.8 196.4	0.000 1.000 0.625			m*62r	368.2 51.9 80.7 5.9 80.9	4.2	1.000 0.000 0.375			m*75r	376.1 51.5 79.4 15.8 80.9	11.3
g75c]	196.4	87.4 -42.9 -18.4 46.8 203.3	0.000 1.000 0.750			m*75r	376.1 51.5 79.4 15.8 80.9	11.3	1.000 0.000 0.250			m*87r	383.4 51.3 78.2 26.0 82.4	18.4
g87c]	203.1	84.3 -39.6 -22.9 45.9	210.1 0.000 1.000 0.875											