

Interpretation <i>rgb</i> -> <i>olv*</i> and CIELAB data of a 48 step device hue circle											
for a LECD low glossy display with the luminance reflection $L_r=0\%$ compared to the white reference (100%)											
48 step device hue circle with six device hues <i>OYLCVM</i> : $h_{ab,a} = 46.0, 101.2, 131.0, 196.6, 306.1, 326.8$											
comparison with four elementary hues <i>RJGB</i> : $h_{ab,a} = 25.5, 92.3, 162.2, 271.7$, and <i>C' M'</i> = 217.0, 328.6											
9 step equidistant grey scale: $L^* = 0.0, 11.9, 23.9, 35.8, 47.7, 59.6, 71.6, 83.5, 95.4$											
<i>d</i> _{Ma}	<i>h</i> _{rgb}	<i>ol</i> <i>v</i> <i>*</i> _{Ma,d}	A2	<i>h</i> _{ab} <i>Ma,d</i>	<i>rgb</i> -> <i>ol</i> <i>v</i> <i>*</i> _{Ma}	<i>d</i> _{Ma}	<i>h</i> _{rgb}	<i>ol</i> <i>v</i> <i>*</i> _{Ma,d}	A2	<i>h</i> _{ab} <i>Ma,d</i>	<i>rgb</i> -> <i>ol</i> <i>v</i> <i>*</i> _{Ma}
o00y=O	30.0	1.0	0.001	0.0	0.01	46.0	1.000	0.000	0.000	0.000	0.000
o12y	36.6	1.0	0.126	0.0	0.01	48.1	1.000	0.125	0.000	0.000	0.000
o25y	43.9	1.0	0.251	0.0	0.01	53.1	1.000	0.250	0.000	0.000	0.000
o37y	51.8	1.0	0.376	0.0	0.01	59.3	1.000	0.375	0.000	0.000	0.000
o50y	60.0	1.0	0.501	0.0	0.01	66.7	1.000	0.500	0.000	0.000	0.000
o62y	68.2	1.0	0.626	0.0	0.01	74.4	1.000	0.625	0.000	0.000	0.000
o75y	76.1	1.0	0.751	0.0	0.01	82.8	1.000	0.750	0.000	0.000	0.000
o87y	83.4	1.0	0.876	0.0	0.01	91.5	1.000	0.875	0.000	0.000	0.000
y00l=Y	90.0	0.999	1.0	0.0	0.01	101.3	1.000	1.000	0.000	0.000	0.000
y12l	96.6	0.874	1.0	0.0	0.01	109.3	0.875	1.000	0.000	0.000	0.000
y25l	103.9	0.749	1.0	0.0	0.01	114.8	0.750	1.000	0.000	0.000	0.000
y37l	111.8	0.624	1.0	0.0	0.01	119.4	0.625	1.000	0.000	0.000	0.000
y50l	120.0	0.499	1.0	0.0	0.01	123.0	0.500	1.000	0.000	0.000	0.000
y62l	128.2	0.374	1.0	0.0	0.01	126.1	0.375	1.000	0.000	0.000	0.000
y75l	136.1	0.249	1.0	0.0	0.01	128.4	0.250	1.000	0.000	0.000	0.000
y87l	143.4	0.124	1.0	0.0	0.01	130.3	0.125	1.000	0.000	0.000	0.000
l00c=L	150.0	0.0	1.0	0.001	0.01	131.1	0.000	1.000	0.000	0.000	0.000
l12c	156.6	0.0	1.0	0.126	0.01	133.4	0.000	1.000	0.125	0.000	0.000
l25c	163.9	0.0	1.0	0.251	0.01	138.1	0.000	1.000	0.250	0.000	0.000
l37c	171.8	0.0	1.0	0.376	0.01	142.8	0.000	1.000	0.375	0.000	0.000
l50c	180.0	0.0	1.0	0.501	0.01	147.9	0.000	1.000	0.500	0.000	0.000
l62c	188.2	0.0	1.0	0.626	0.01	153.6	0.000	1.000	0.625	0.000	0.000
l75c	196.1	0.0	1.0	0.751	0.01	160.5	0.000	1.000	0.750	0.000	0.000
l87c	203.4	0.0	1.0	0.876	0.01	170.2	0.000	1.000	0.875	0.000	0.000

LE060-3X, 1

Interpretation <i>rgb</i> -> <i>olv*</i> and CIELAB data of a 48 step device hue circle											
for a LECD low glossy display with the luminance reflection $L_r=0.6\%$ compared to the white reference (100%)											
48 step device hue circle with six device hues <i>OYLCVM</i> : $h_{ab,a} = 43.3, 101.4, 131.4, 196.6, 305.6, 326.8$											
comparison with four elementary hues <i>RJGB</i> : $h_{ab,a} = 25.5, 92.3, 162.2, 271.7$, and <i>C' M'</i> = 217.0, 328.6											
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>d</i> _{Ma}	<i>h</i> _{rgb}	<i>ol</i> <i>v</i> <i>*</i> _{Ma,d}	A2	<i>h</i> _{ab} <i>Ma,d</i>	<i>rgb</i> -> <i>ol</i> <i>v</i> <i>*</i> _{Ma}	<i>d</i> _{Ma}	<i>h</i> _{rgb}	<i>ol</i> <i>v</i> <i>*</i> _{Ma,d}	A2	<i>h</i> _{ab} <i>Ma,d</i>	<i>rgb</i> -> <i>ol</i> <i>v</i> <i>*</i> _{Ma}
o00y=O	30.0	1.0	0.001	0.0	0.01	43.3	1.000	0.000	0.000	0.000	0.000
o12y	36.6	1.0	0.126	0.0	0.01	45.4	1.000	0.125	0.000	0.000	0.000
o25y	43.9	1.0	0.251	0.0	0.01	51.0	1.000	0.250	0.000	0.000	0.000
o37y	51.8	1.0	0.376	0.0	0.01	57.8	1.000	0.375	0.000	0.000	0.000
o50y	60.0	1.0	0.501	0.0	0.01	65.7	1.000	0.500	0.000	0.000	0.000
o62y	68.2	1.0	0.626	0.0	0.01	73.9	1.000	0.625	0.000	0.000	0.000
o75y	76.1	1.0	0.751	0.0	0.01	82.7	1.000	0.750	0.000	0.000	0.000
o87y	83.4	1.0	0.876	0.0	0.01	91.6	1.000	0.875	0.000	0.000	0.000
y00l=Y	90.0	0.999	1.0	0.0	0.01	101.5	1.000	1.000	0.000	0.000	0.000
y12l	96.6	0.874	1.0	0.0	0.01	109.5	0.875	1.000	0.000	0.000	0.000
y25l	103.9	0.749	1.0	0.0	0.01	115.1	0.750	1.000	0.000	0.000	0.000
y37l	111.8	0.624	1.0	0.0	0.01	119.7	0.625	1.000	0.000	0.000	0.000
y50l	120.0	0.499	1.0	0.0	0.01	123.4	0.500	1.000	0.000	0.000	0.000
y62l	128.2	0.374	1.0	0.0	0.01	126.5	0.375	1.000	0.000	0.000	0.000
y75l	136.1	0.249	1.0	0.0	0.01	128.8	0.250	1.000	0.000	0.000	0.000
y87l	143.4	0.124	1.0	0.0	0.01	130.7	0.125	1.000	0.000	0.000	0.000
l00c=L	150.0	0.0	1.0	0.001	0.01	131.5	0.000	1.000	0.000	0.000	0.000
l12c	156.6	0.0	1.0	0.126	0.01	133.7	0.000	1.000	0.125	0.000	0.000
l25c	163.9	0.0	1.0	0.251	0.01	138.3	0.000	1.000	0.250	0.000	0.000
l37c	171.8	0.0	1.0	0.376	0.01	142.9	0.000	1.000	0.375	0.000	0.000
l50c	180.0	0.0	1.0	0.501	0.01	148.0	0.000	1.000	0.500	0.000	0.000
l62c	188.2	0.0	1.0	0.626	0.01	153.6	0.000	1.000	0.625	0.000	0.000
l75c	196.1	0.0	1.0	0.751	0.01	160.5	0.000	1.000	0.750	0.000	0.000
l87c	203.4	0.0	1.0	0.876	0.01	170.2	0.000	1.000	0.875	0.000	0.000

LE060-7X, 1

Interpretation <i>rgb</i> -> <i>olv*</i> and CIELAB data of a 48 step device hue circle											
for a LECD low glossy display with the luminance reflection $L_r=1.2\%$ compared to the white reference (100%)											
48 step device hue circle with six device hues <i>OYLCVM</i> : $h_{ab,a} = 41.1, 101.5, 131.8, 196.7, 305.0, 326.7$											
comparison with four elementary hues <i>RJGB</i> : $h_{ab,a} = 25.5, 92.3, 162.2, 271.7$, and <i>C' M'</i> = 217.0, 328.6											
9 step equidistant grey scale: $L^* = 10.4, 21.0, 31.7, 42.3, 52.9, 63.5, 74.2, 84.8, 95.4$											
<i>d</i> _{Ma}	<i>h</i> _{rgb}	<i>ol</i> <i>v</i> <i>*</i> _{Ma,d}	A2	<i>h</i> _{ab} <i>Ma,d</i>	<i>rgb</i> -> <i>ol</i> <i>v</i> <i>*</i> _{Ma}	<i>d</i> _{Ma}	<i>h</i> _{rgb}	<i>ol</i> <i>v</i> <i>*</i> _{Ma,d}	A2	<i>h</i> _{ab} <i>Ma,d</i>	<i>rgb</i> -> <i>ol</i> <i>v</i> <i>*</i> _{Ma}
o00y=O	30.0	1.0	0.001	0.0	0.01	41.2	1.000	0.000	0.000	0.000	0.000
o12y	36.6	1.0	0.126	0.0	0.01	43.4	1.000	0.125	0.000	0.000	0.000
o25y	43.9	1.0	0.251	0.0	0.01	49.4	1.000	0.250	0.000	0.000	0.000
o37y	51.8	1.0	0.376	0.0	0.01	56.7	1.000	0.375	0.000	0.000	0.000
o50y	60.0	1.0	0.501	0.0	0.01	65.0	1.000	0.500	0.000	0.000	0.000
o62y	68.2	1.0	0.626	0.0	0.01	73.5	1.000	0.625	0.000	0.000	0.000
o75y	76.1	1.0	0.751	0.0	0.01	82.5	1.000	0.750	0.000	0.000	0.000
o87y	83.4	1.0	0.876	0.0	0.01	91.6	1.000	0.875	0.000	0.000	0.000
y00l=Y	90.0	0.999	1.0	0.0	0.01	101.6	1.000	1.000	0.000	0.000	0.000
y12l	96.6	0.874	1.0	0.0	0.01	109.8	0.875	1.000	0.000	0.000	0.000
y25l	103.9	0.749	1.0	0.0	0.01	115.8	0.750	1.000	0.000	0.000	0.000
y37l	111.8	0.624	1.0	0.0	0.01	120.1	0.625	1.000	0.000	0.000	0.000
y50l	120.0	0.499	1.0	0.0	0.01	123.8	0.500	1.000	0.000	0.000	0.000
y62l	128.2	0.374	1.0	0.0	0.01	126.9	0.375	1.000	0.000	0.000	0.000
y75l	136.1	0.249	1.0	0.0	0.01	129.2	0.250	1.000	0.000	0.000	0.000
y87l	143.4	0.124	1.0	0.0	0.01	131.1	0.125	1.000	0.000	0.000	0.000
l00c=L	150.0	0.0	1.0	0.001	0.01	131.8	0.000	1.000	0.000	0.000	0.000
l12c	156.6	0.0	1.0	0.126	0.01	134.0	0.000	1.000	0.125	0.000	0.000
l25c	163.9	0.0	1.0	0.251	0.01	138.4	0.000	1.000	0.250	0.000	0.000
l37c	171.8	0.0	1.0	0.376	0.01	143.0	0.000	1.000	0.375	0.000	0.000
l50c	180.0	0.0	1.0	0.501	0.01	148.0	0.000	1.000	0.500	0.000	0.000
l62c	188.2	0.0	1.0	0.626	0.01	153.7	0.000	1.000	0.625	0.000	0.000
l75c	196.1	0.0	1.0	0.751	0.01	160.5	0.000	1.000	0.750	0.000	0.000
l87c	203.4	0.0	1.0	0.876	0.01	170.1	0.000	1.000	0.875	0.000	0.000

LE061-3X, 1

Interpretation <i>rgb</i> -> <i>olv*</i> and CIELAB data of a 48 step device hue circle																			
for a LECD low glossy display with the luminance reflection $L_r=2.5\%$ compared to the white reference (100%)																			
48 step device hue circle with six device hues <i>OYLCVM</i> : $h_{ab,a} = 38.2, 101.8, 132.5, 196.7, 304.1, 326.6$																			
comparison with four elementary hues <i>RJGB</i> : $h_{ab,a} = 25.5, 92.3, 162.2, 271.7$, and <i>C' M'</i> = 217.0, 328.6																			
9 step equidistant grey scale: $L^* = 17.7, 27.4, 37.1, 46.8, 56.5, 66.3, 76.0, 85.7, 95.4$																			
<i>d</i> _{Ma}	<i>h</i> _{rgb}	<i>olv*</i> _{Ma,d}	A2	<i>h</i> _{abMa,d}	<i>rgb</i> -> <i>olv*</i> _{Ma}	<i>d</i> _{Ma}	<i>h</i> _{rgb}	<i>olv*</i> _{Ma,d}	A2	<i>h</i> _{abMa,d}	<i>rgb</i> -> <i>olv*</i> _{Ma}								
<i>o00y</i> =O	30.0	1.0	0.001	0.0	0.01	38.2	1.000	0.000	0.000	<i>c00v</i> =C	210.0	0.0	0.999	1.0	0.01	197.0	0.000	1.000	1.000
<i>o01y</i> O	36.6	1.0	0.126	0.0	0.01	40.7	1.000	0.125	0.000	<i>c12v</i>	216.6	0.0	0.874	1.0	0.01	230.7	0.000	0.875	1.000
<i>o25y</i>	43.9	1.0	0.251	0.0	0.01	47.0	1.000	0.250	0.000	<i>c25v</i>	223.9	0.0	0.749	1.0	0.01	254.5	0.000	0.750	1.000
<i>o37y</i>	51.8	1.0	0.376	0.0	0.01	54.8	1.000	0.375	0.000	<i>c37v</i>	231.8	0.0	0.624	1.0	0.01	270.8	0.000	0.625	1.000
<i>o50y</i>	60.0	1.0	0.501	0.0	0.01	63.7	1.000	0.500	0.000	<i>c50v</i>	240.0	0.0	0.499	1.0	0.01	281.9	0.000	0.500	1.000
<i>o62y</i>	68.2	1.0	0.626	0.0	0.01	72.7	1.000	0.625	0.000	<i>c62v</i>	248.2	0.0	0.374	1.0	0.01	290.5	0.000	0.375	1.000
<i>o75y</i>	76.1	1.0	0.751	0.0	0.01	82.2	1.000	0.750	0.000	<i>c75v</i>	256.1	0.0	0.249	1.0	0.01	297.1	0.000	0.250	1.000
<i>o87y</i>	83.4	1.0	0.876	0.0	0.01	91.6	1.000	0.875	0.000	<i>c87v</i>	263.4	0.0	0.124	1.0	0.01	302.2	0.000	0.125	1.000
<i>y00l</i> =Y	90.0	0.999	1.0	0.0	0.01	101.9	1.000	1.000	0.000	<i>v00m</i> =V	270.0	0.001	0.0	1.0	0.01	304.1	0.000	0.000	1.000
<i>y12l</i>	96.6	0.874	1.0	0.0	0.01	101.9	0.875	1.000	0.000	<i>v12m</i>	276.6	0.126	0.0	1.0	0.01	304.8	0.125	0.000	1.000
<i>y25l</i>	103.9	0.749	1.0	0.0	0.01	116.0	0.750	1.000	0.000	<i>v25m</i>	283.9	0.251	0.0	1.0	0.01	306.3	0.250	0.000	1.000
<i>y37l</i>	111.8	0.624	1.0	0.0	0.01	120.7	0.625	1.000	0.000	<i>v37m</i>	291.8	0.376	0.0	1.0	0.01	308.3	0.375	0.000	1.000
<i>y50l</i>	120.0	0.499	1.0	0.0	0.01	124.4	0.500	1.000	0.000	<i>v50m</i>	300.0	0.501	0.0	1.0	0.01	310.7	0.500	0.000	1.000
<i>y62l</i>	128.2	0.374	1.0	0.0	0.01	127.5	0.375	1.000	0.000	<i>v62m</i>	302.8	0.626	0.0	1.0	0.01	313.5	0.625	0.000	1.000
<i>y75l</i>	136.1	0.249	1.0	0.0	0.01	129.9	0.250	1.000	0.000	<i>v75m</i>	316.1	0.751	0.0	1.0	0.01	316.9	0.750	0.000	1.000
<i>y87l</i>	143.4	0.124	1.0	0.0	0.01	131.8	0.125	1.000	0.000	<i>v87m</i>	323.4	0.876	0.0	1.0	0.01	320.9	0.875	0.000	1.000
<i>100c</i> =L	150.0	0.0	1.0	0.001	0.01	132.5	0.000	1.000	0.000	<i>m00o</i> =M	330.0	1.0	0.0	0.999	0.01	326.7	1.000	0.000	1.000
<i>112c</i>	156.6	0.0	1.0	0.126	0.01	134.5	0.000	1.000	0.125	<i>m12o</i>	336.6	1.0	0.0	0.874	0.01	336.9	1.000	0.000	0.875
<i>125c</i>	163.9	0.0	1.0	0.251	0.01	138.8	0.000	1.000	0.250	<i>m25o</i>	343.9	1.0	0.0	0.749	0.01	343.7	1.000	0.000	0.750
<i>137c</i>	171.8	0.0	1.0	0.376	0.01	143.2	0.000	1.000	0.375	<i>m37o</i>	351.8	1.0	0.0	0.624	0.01	350.8	1.000	0.000	0.625
<i>150c</i>	180.0	0.0	1.0	0.501	0.01	148.1	0.000	1.000	0.500	<i>m50o</i>	360.0	1.0	0.0	0.499	0.01	359.0	1.000	0.000	0.500
<i>162c</i>	188.2	0.0	1.0	0.626	0.01	153.7	0.000	1.000	0.625	<i>m62o</i>	368.2	1.0	0.0	0.374	0.01	37.7	1.000	0.000	0.375
<i>175c</i>	196.1	0.0	1.0	0.751	0.01	160.5	0.000	1.000	0.750	<i>m75o</i>	376.1	1.0	0.0	0.249	0.01	19.5	1.000	0.000	0.250
<i>187c</i>	204.3	0.0	1.0	0.876	0.01	170.1	0.000	1.000	0.875	<i>m87o</i>	383.4	1.0	0.0	0.124	0.01	31.9	1.000	0.000	0.125