

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 =5% compared to the white reference (100%)															
48 step device hue circle with six device hues <i>OYLCVM</i> : $h_{ab,a} = 34.5, 102.3, 133.6, 196.8, 302.4, 326.4$															
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: $L^* = 26.6, 35.2, 43.8, 52.4, 61.0, 69.6, 78.2, 86.8, 95.4$															
<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}		
o00y=O	30.0	1.0	0.001	0.0	0.01	34.6	1.000 0.000 0.000	c00v=C	210.0	0.0	0.999	1.0	0.01	197.1	0.000 1.000 1.000
o12y	36.6	1.0	0.126	0.0	0.01	37.1	1.000 0.125 0.000	c12v	216.6	0.0	0.874	1.0	0.01	231.1	0.000 0.875 1.000
o25y	43.9	1.0	0.251	0.0	0.01	43.8	1.000 0.250 0.000	c25v	223.9	0.0	0.749	1.0	0.01	254.7	0.000 0.750 1.000
o37y	51.8	1.0	0.376	0.0	0.01	52.1	1.000 0.375 0.000	c37v	231.8	0.0	0.624	1.0	0.01	270.8	0.000 0.625 1.000
o50y	60.0	1.0	0.501	0.0	0.01	61.6	1.000 0.500 0.000	c50v	240.0	0.0	0.499	1.0	0.01	281.6	0.000 0.500 1.000
o62y	68.2	1.0	0.626	0.0	0.01	71.4	1.000 0.625 0.000	c62v	248.2	0.0	0.374	1.0	0.01	289.8	0.000 0.375 1.000
o75y	76.1	1.0	0.751	0.0	0.01	81.7	1.000 0.750 0.000	c75v	256.1	0.0	0.249	1.0	0.01	296.1	0.000 0.250 1.000
o87y	83.4	1.0	0.876	0.0	0.01	91.7	1.000 0.875 0.000	c87v	263.4	0.0	0.124	1.0	0.01	300.7	0.000 0.125 1.000
y00l=Y	90.0	0.999	1.0	0.0	0.01	102.4	1.000 1.000 0.000	v00m=V	270.0	0.001	0.0	1.0	0.01	302.4	0.000 0.000 1.000
y12l	96.6	0.874	1.0	0.0	0.01	111.1	0.875 1.000 0.000	v12m	276.6	0.126	0.0	1.0	0.01	303.2	0.125 0.000 1.000
y25l	103.9	0.749	1.0	0.0	0.01	116.9	0.750 1.000 0.000	v25m	283.9	0.251	0.0	1.0	0.01	304.9	0.250 0.000 1.000
y37l	111.8	0.624	1.0	0.0	0.01	121.7	0.625 1.000 0.000	v37m	291.8	0.376	0.0	1.0	0.01	307.1	0.375 0.000 1.000
y50l	120.0	0.499	1.0	0.0	0.01	125.5	0.500 1.000 0.000	v50m	300.0	0.501	0.0	1.0	0.01	309.7	0.500 0.000 1.000
y62l	128.2	0.374	1.0	0.0	0.01	128.7	0.375 1.000 0.000	v62m	308.2	0.626	0.0	1.0	0.01	312.8	0.625 0.000 1.000
y75l	136.1	0.249	1.0	0.0	0.01	131.0	0.250 1.000 0.000	v75m	316.1	0.751	0.0	1.0	0.01	316.4	0.750 0.000 1.000
y87l	143.4	0.124	1.0	0.0	0.01	132.9	0.125 1.000 0.000	v87m	323.4	0.876	0.0	1.0	0.01	320.5	0.875 0.000 1.000
o00c=L	150.0	0.0	1.0	0.001	0.01	133.6	0.000 1.000 0.000	m00o=M	330.0	1.0	0.0	0.999	0.01	326.5	1.000 0.000 1.000
o12c	156.6	0.0	1.0	0.126	0.01	135.4	0.000 1.000 0.125	m12o	336.6	1.0	0.0	0.874	0.01	336.9	1.000 0.000 0.875
o25c	163.9	0.0	1.0	0.251	0.01	139.3	0.000 1.000 0.250	m25o	343.9	1.0	0.0	0.749	0.01	343.8	1.000 0.000 0.750
o37c	171.8	0.0	1.0	0.376	0.01	143.5	0.000 1.000 0.375	m37o	351.8	1.0	0.0	0.624	0.01	350.9	1.000 0.000 0.625
o50c	180.0	0.0	1.0	0.501	0.01	148.3	0.000 1.000 0.500	m50o	360.0	1.0	0.0	0.499	0.01	359.0	1.000 0.000 0.500
o62c	188.2	0.0	1.0	0.626	0.01	153.7	0.000 1.000 0.625	m62o	368.2	1.0	0.0	0.374	0.01	8.4	1.000 0.000 0.375
o75c	196.1	0.0	1.0	0.751	0.01	160.5	0.000 1.000 0.750	m75o	376.1	1.0	0.0	0.249	0.01	18.5	1.000 0.000 0.250
o87c	203.4	0.0	1.0	0.876	0.01	170.1	0.000 1.000 0.875	m87o	383.4	1.0	0.0	0.124	0.01	29.5	1.000 0.000 0.125

LE070-3X, 2

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 $L_r=10\%$ compared to the white reference (100%)															
48 step device hue circle with six device hues <i>OYLCVM</i> : $h_{ab,a} = 30.5, 103.2, 135.3, 197.0, 300.0, 326.0$															
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: $L^* = 37.9, 45.1, 52.2, 59.4, 66.6, 73.8, 81.0, 88.2, 95.4$															
<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}		
o00y=O	30.0	1.0	0.001	0.0	0.01	30.5	1.000 0.000 0.000	c00v=C	210.0	0.0	0.999	1.0	0.01	197.4	0.000 1.000 1.000
o12y	36.6	1.0	0.126	0.0	0.01	33.0	1.000 0.125 0.000	c12v	216.6	0.0	0.874	1.0	0.01	231.7	0.000 0.875 1.000
o25y	43.9	1.0	0.251	0.0	0.01	39.8	1.000 0.250 0.000	c25v	223.9	0.0	0.749	1.0	0.01	255.2	0.000 0.750 1.000
o37y	51.8	1.0	0.376	0.0	0.01	48.4	1.000 0.375 0.000	c37v	231.8	0.0	0.624	1.0	0.01	270.7	0.000 0.625 1.000
o50y	60.0	1.0	0.501	0.0	0.01	58.8	1.000 0.500 0.000	c50v	240.0	0.0	0.499	1.0	0.01	281.0	0.000 0.500 1.000
o62y	68.2	1.0	0.626	0.0	0.01	69.5	1.000 0.625 0.000	c62v	248.2	0.0	0.374	1.0	0.01	288.6	0.000 0.375 1.000
o75y	76.1	1.0	0.751	0.0	0.01	80.9	1.000 0.750 0.000	c75v	256.1	0.0	0.249	1.0	0.01	294.4	0.000 0.250 1.000
o87y	83.4	1.0	0.876	0.0	0.01	91.9	1.000 0.875 0.000	c87v	263.4	0.0	0.124	1.0	0.01	298.5	0.000 0.125 1.000
y00l=Y	90.0	0.999	1.0	0.0	0.01	103.3	1.000 1.000 0.000	v00m=V	270.0	0.001	0.0	1.0	0.01	300.0	0.000 0.000 1.000
y12l	96.6	0.874	1.0	0.0	0.01	112.4	0.875 1.000 0.000	v12m	276.6	0.126	0.0	1.0	0.01	300.8	0.125 0.000 1.000
y25l	103.9	0.749	1.0	0.0	0.01	118.5	0.750 1.000 0.000	v25m	283.9	0.251	0.0	1.0	0.01	302.8	0.250 0.000 1.000
y37l	111.8	0.624	1.0	0.0	0.01	123.4	0.625 1.000 0.000	v37m	291.8	0.376	0.0	1.0	0.01	305.2	0.375 0.000 1.000
y50l	120.0	0.499	1.0	0.0	0.01	127.3	0.500 1.000 0.000	v50m	300.0	0.501	0.0	1.0	0.01	308.1	0.500 0.000 1.000
y62l	128.2	0.374	1.0	0.0	0.01	130.4	0.375 1.000 0.000	v62m	308.2	0.626	0.0	1.0	0.01	311.4	0.625 0.000 1.000
y75l	136.1	0.249	1.0	0.0	0.01	132.7	0.250 1.000 0.000	v75m	316.1	0.751	0.0	1.0	0.01	315.4	0.750 0.000 1.000
y87l	143.4	0.124	1.0	0.0	0.01	134.6	0.125 1.000 0.000	v87m	323.4	0.876	0.0	1.0	0.01	319.8	0.875 0.000 1.000
m00c=L	150.0	0.0	1.0	0.001	0.01	135.3	0.000 1.000 0.000	m00o=M	330.0	1.0	0.0	0.999	0.01	326.1	1.000 0.000 1.000
o12c	156.6	0.0	1.0	0.126	0.01	136.8	0.000 1.000 0.125	m12o	336.6	1.0	0.0	0.874	0.01	336.8	1.000 0.000 0.875
o25c	163.9	0.0	1.0	0.251	0.01	140.2	0.000 1.000 0.250	m25o	343.9	1.0	0.0	0.749	0.01	343.9	1.000 0.000 0.750
o37c	171.8	0.0	1.0	0.376	0.01	144.0	0.000 1.000 0.375	m37o	351.8	1.0	0.0	0.624	0.01	351.1	1.000 0.000 0.625
o50c	180.0	0.0	1.0	0.501	0.01	148.5	0.000 1.000 0.500	m50o	360.0	1.0	0.0	0.499	0.01	359.1	1.000 0.000 0.500
o62c	188.2	0.0	1.0	0.626	0.01	153.8	0.000 1.000 0.625	m62o	368.2	1.0	0.0	0.374	0.01	8.0	1.000 0.000 0.375
o75c	196.1	0.0	1.0	0.751	0.01	160.4	0.000 1.000 0.750	m75o	376.1	1.0	0.0	0.249	0.01	17.2	1.000 0.000 0.250
o87c	203.4	0.0	1.0	0.876	0.01	170.0	0.000 1.000 0.875	m87o	383.4	1.0	0.0	0.124	0.01	26.5	1.000 0.000 0.125

LE070-7X, 2

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 $L_r=20\%$ compared to the white reference (100%)																			
48 step device hue circle with six device hues <i>OYLCVM</i> : $h_{ab,a} = 26.5, 104.5, 137.5, 197.4, 296.7, 325.4$																			
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: $L^* = 51.9, 57.4, 62.8, 68.2, 73.7, 79.1, 84.5, 90.0, 95.4$																			
<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}				
o00y=O	30.0	1.0	0.001	0.0	0.01	26.5	1.000	0.000	0.000	c00v=C	210.0	0.0	0.999	1.0	0.01	197.8	0.000	1.000	1.000
o12y	36.6	1.0	0.126	0.0	0.01	28.9	1.000	0.125	0.000	c12v	216.6	0.0	0.874	1.0	0.01	232.8	0.000	0.875	1.000
o25y	43.9	1.0	0.251	0.0	0.01	35.5	1.000	0.250	0.000	c25v	223.9	0.0	0.749	1.0	0.01	256.0	0.000	0.750	1.000
o37y	51.8	1.0	0.376	0.0	0.01	44.2	1.000	0.375	0.000	c37v	231.8	0.0	0.624	1.0	0.01	270.7	0.000	0.625	1.000
o50y	60.0	1.0	0.501	0.0	0.01	55.1	1.000	0.500	0.000	c50v	240.0	0.0	0.499	1.0	0.01	280.2	0.000	0.500	1.000
o62y	68.2	1.0	0.626	0.0	0.01	67.0	1.000	0.625	0.000	c62v	248.2	0.0	0.374	1.0	0.01	287.0	0.000	0.375	1.000
o75y	76.1	1.0	0.751	0.0	0.01	79.7	1.000	0.750	0.000	c75v	256.1	0.0	0.249	1.0	0.01	292.0	0.000	0.250	1.000
o87y	83.4	1.0	0.876	0.0	0.01	92.1	1.000	0.875	0.000	c87v	263.4	0.0	0.124	1.0	0.01	295.5	0.000	0.125	1.000
y00l=Y	90.0	0.999	1.0	0.0	0.01	104.6	1.000	1.000	0.000	v00m=V	270.0	0.001	0.0	1.0	0.01	296.7	0.000	0.000	1.000
y12l	96.6	0.874	1.0	0.0	0.01	114.4	0.875	1.000	0.000	v12m	276.6	0.126	0.0	1.0	0.01	297.7	0.125	0.000	1.000
y25l	103.9	0.749	1.0	0.0	0.01	120.8	0.750	1.000	0.000	v25m	283.9	0.251	0.0	1.0	0.01	299.8	0.250	0.000	1.000
y37l	111.8	0.624	1.0	0.0	0.01	125.8	0.625	1.000	0.000	v37m	291.8	0.376	0.0	1.0	0.01	302.4	0.375	0.000	1.000
y50l	120.0	0.499	1.0	0.0	0.01	129.6	0.500	1.000	0.000	v50m	300.0	0.501	0.0	1.0	0.01	305.6	0.500	0.000	1.000
y62l	128.2	0.374	1.0	0.0	0.01	132.8	0.375	1.000	0.000	v62m	308.2	0.626	0.0	1.0	0.01	309.3	0.625	0.000	1.000
y75l	136.1	0.249	1.0	0.0	0.01	135.0	0.250	1.000	0.000	v75m	316.1	0.751	0.0	1.0	0.01	313.7	0.750	0.000	1.000
y87l	143.4	0.124	1.0	0.0	0.01	136.8	0.125	1.000	0.000	v87m	323.4	0.876	0.0	1.0	0.01	318.6	0.875	0.000	1.000
m00c=M	150.0	0.0	1.0	0.001	0.01	137.5	0.000	1.000	0.000	m00o=M	330.0	1.0	0.0	0.999	0.01	325.5	1.000	0.000	1.000
m12c	156.6	0.0	1.0	0.126	0.01	138.7	0.000	1.000	0.125	m12o	336.6	1.0	0.0	0.874	0.01	336.8	1.000	0.000	0.875
m25c	163.9	0.0	1.0	0.251	0.01	141.5	0.000	1.000	0.250	m25o	343.9	1.0	0.0	0.749	0.01	344.1	1.000	0.000	0.750
m37c	171.8	0.0	1.0	0.376	0.01	144.9	0.000	1.000	0.375	m37o	351.8	1.0	0.0	0.624	0.01	351.4	1.000	0.000	0.625
m50c	180.0	0.0	1.0	0.501	0.01	149.0	0.000	1.000	0.500	m50o	360.0	1.0	0.0	0.499	0.01	359.1	1.000	0.000	0.500
m62c	188.2	0.0	1.0	0.626	0.01	154.0	0.000	1.000	0.625	m62o	368.2	1.0	0.0	0.374	0.01	7.4	1.000	0.000	0.375
m75c	196.1	0.0	1.0	0.751	0.01	160.4	0.000	1.000	0.750	m75o	376.1	1.0	0.0	0.249	0.01	15.5	1.000	0.000	0.250
m87c	203.4	0.0	1.0	0.876	0.01	169.9	0.000	1.000	0.875	m87o	384.1	1.0	0.0	0.124	0.01	23.3	1.000	0.000	0.125