

Interpretation $rgb \rightarrow olv^*$ 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 **OYL**CVM: $h_{ab,a} = 46.0, 101.2, 131.0, 196.6, 306.1, 326.8$
comparison with four elementary hues **R**JGB: $h_{ab,a} = 25.5, 92.3, 162.2, 271.7$, and $C^*M^* = 217.0, 328.6$
9 step equidistant grey scale: $L^* = 0.0, 11.9, 23.9, 35.8, 47.7, 59.6, 71.6, 83.5, 95.4$

d_{Ma}	h_{rgb}	olv^*Ma_d	A2	h_{abMa_d}	$rgb \rightarrow olv^*Ma$	d_{Ma}	h_{rgb}	olv^*Ma_d	A2	h_{abMa_d}	$rgb \rightarrow olv^*Ma$
o00v=O	30.0	1.0	0.001	0.0	0.01	46.0	1.000	0.000	0.000	0.001	196.9
o12v	36.6	1.0	0.126	0.0	0.01	48.1	1.000	0.125	0.000	0.001	230.4
o25v	43.9	1.0	0.251	0.0	0.01	53.1	1.000	0.250	0.000	0.001	254.2
o37v	51.8	1.0	0.376	0.0	0.01	59.3	1.000	0.375	0.000	0.001	270.8
o50v	60.0	1.0	0.501	0.0	0.01	66.7	1.000	0.500	0.000	0.001	282.2
o62v	68.2	1.0	0.626	0.0	0.01	74.4	1.000	0.625	0.000	0.001	291.2
o75v	76.1	1.0	0.751	0.0	0.01	82.8	1.000	0.750	0.000	0.001	298.4
o87v	83.4	1.0	0.876	0.0	0.01	91.5	1.000	0.875	0.000	0.001	304.0
y00l=Y	90.0	0.999	1.0	0.0	0.01	101.3	1.000	1.000	0.000	0.001	306.2
y12l	96.6	0.874	1.0	0.0	0.01	109.3	0.875	1.000	0.000	0.001	306.7
y25l	103.9	0.749	1.0	0.0	0.01	114.8	0.750	1.000	0.000	0.001	308.0
y37l	111.8	0.624	1.0	0.0	0.01	119.4	0.625	1.000	0.000	0.001	309.6
y50l	120.0	0.499	1.0	0.0	0.01	123.0	0.500	1.000	0.000	0.001	311.8
y62l	128.2	0.374	1.0	0.0	0.01	126.1	0.375	1.000	0.000	0.001	314.4
y75l	136.1	0.249	1.0	0.0	0.01	128.4	0.250	1.000	0.000	0.001	317.6
y87l	143.4	0.124	1.0	0.0	0.01	130.3	0.125	1.000	0.000	0.001	321.3
l00c=L	150.0	0.0	1.0	0.001	0.01	131.1	0.000	1.000	0.000	0.001	326.9
l12c	156.6	0.0	1.0	0.126	0.01	133.4	0.000	1.000	0.125	0.001	336.9
l25c	163.9	0.0	1.0	0.251	0.01	138.1	0.000	1.000	0.250	0.001	343.6
l37c	171.8	0.0	1.0	0.376	0.01	142.8	0.000	1.000	0.375	0.001	350.7
l50c	180.0	0.0	1.0	0.501	0.01	147.9	0.000	1.000	0.500	0.001	359.0
l62c	188.2	0.0	1.0	0.626	0.01	153.6	0.000	1.000	0.625	0.001	368.2
l75c	196.1	0.0	1.0	0.751	0.01	160.5	0.000	1.000	0.750	0.001	376.1
l87c	203.4	0.0	1.0	0.876	0.01	170.2	0.000	1.000	0.875	0.001	383.4

LE060-3N,1

Interpretation $rgb \rightarrow olv^*$ 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 **OYL**CVM: $h_{ab,a} = 43.3, 101.4, 131.4, 196.6, 305.6, 326.8$
comparison with four elementary hues **R**JGB: $h_{ab,a} = 25.5, 92.3, 162.2, 271.7$, and $C^*M^* = 217.0, 328.6$
9 step equidistant grey scale: $L^* = 5.0, 16.3, 27.6, 38.9, 50.2, 61.5, 72.8, 84.1, 95.4$

d_{Ma}	h_{rgb}	olv^*Ma_d	A2	h_{abMa_d}	$rgb \rightarrow olv^*Ma$	d_{Ma}	h_{rgb}	olv^*Ma_d	A2	h_{abMa_d}	$rgb \rightarrow olv^*Ma$
o00v=O	30.0	1.0	0.001	0.0	0.01	43.3	1.000	0.000	0.000	0.001	197.0
o12v	36.6	1.0	0.126	0.0	0.01	45.4	1.000	0.125	0.000	0.001	230.5
o25v	43.9	1.0	0.251	0.0	0.01	51.0	1.000	0.250	0.000	0.001	254.3
o37v	51.8	1.0	0.376	0.0	0.01	57.8	1.000	0.375	0.000	0.001	270.9
o50v	60.0	1.0	0.501	0.0	0.01	65.7	1.000	0.500	0.000	0.001	282.3
o62v	68.2	1.0	0.626	0.0	0.01	73.9	1.000	0.625	0.000	0.001	291.3
o75v	76.1	1.0	0.751	0.0	0.01	82.7	1.000	0.750	0.000	0.001	298.5
o87v	83.4	1.0	0.876	0.0	0.01	91.6	1.000	0.875	0.000	0.001	304.1
y00l=Y	90.0	0.999	1.0	0.0	0.01	101.5	1.000	1.000	0.000	0.001	305.6
y12l	96.6	0.874	1.0	0.0	0.01	109.5	0.875	1.000	0.000	0.001	306.2
y25l	103.9	0.749	1.0	0.0	0.01	115.1	0.750	1.000	0.000	0.001	307.5
y37l	111.8	0.624	1.0	0.0	0.01	119.7	0.625	1.000	0.000	0.001	309.3
y50l	120.0	0.499	1.0	0.0	0.01	123.4	0.500	1.000	0.000	0.001	311.5
y62l	128.2	0.374	1.0	0.0	0.01	126.5	0.375	1.000	0.000	0.001	314.5
y75l	136.1	0.249	1.0	0.0	0.01	128.8	0.250	1.000	0.000	0.001	317.4
y87l	143.4	0.124	1.0	0.0	0.01	130.7	0.125	1.000	0.000	0.001	321.2
l00c=L	150.0	0.0	1.0	0.001	0.01	131.5	0.000	1.000	0.000	0.001	326.9
l12c	156.6	0.0	1.0	0.126	0.01	133.7	0.000	1.000	0.125	0.001	336.9
l25c	163.9	0.0	1.0	0.251	0.01	138.3	0.000	1.000	0.250	0.001	343.6
l37c	171.8	0.0	1.0	0.376	0.01	142.9	0.000	1.000	0.375	0.001	350.8
l50c	180.0	0.0	1.0	0.501	0.01	148.0	0.000	1.000	0.500	0.001	359.0
l62c	188.2	0.0	1.0	0.626	0.01	153.6	0.000	1.000	0.625	0.001	368.2
l75c	196.1	0.0	1.0	0.751	0.01	160.5	0.000	1.000	0.750	0.001	376.1
l87c	203.4	0.0	1.0	0.876	0.01	170.2	0.000	1.000	0.875	0.001	383.4

LE060-7N,1

Interpretation $rgb \rightarrow olv^*$ 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 **OYL**CVM: $h_{ab,a} = 41.1, 101.5, 131.8, 196.7, 305.0, 326.7$
comparison with four elementary hues **R**JGB: $h_{ab,a} = 25.5, 92.3, 162.2, 271.7$, and $C^*M^* = 217.0, 328.6$
9 step equidistant grey scale: $L^* = 10.4, 21.0, 31.7, 42.3, 52.9, 63.5, 74.2, 84.8, 95.4$

d_{Ma}	h_{rgb}	olv^*Ma_d	A2	h_{abMa_d}	$rgb \rightarrow olv^*Ma$	d_{Ma}	h_{rgb}	olv^*Ma_d	A2	h_{abMa_d}	$rgb \rightarrow olv^*Ma$
o00v=O	30.0	1.0	0.001	0.0	0.01	41.2	1.000	0.000	0.000	0.001	197.0
o12v	36.6	1.0	0.126	0.0	0.01	43.4	1.000	0.125	0.000	0.001	230.6
o25v	43.9	1.0	0.251	0.0	0.01	49.4	1.000	0.250	0.000	0.001	254.4
o37v	51.8	1.0	0.376	0.0	0.01	56.7	1.000	0.375	0.000	0.001	270.8
o50v	60.0	1.0	0.501	0.0	0.01	65.0	1.000	0.500	0.000	0.001	282.1
o62v	68.2	1.0	0.626	0.0	0.01	73.5	1.000	0.625	0.000	0.001	290.8
o75v	76.1	1.0	0.751	0.0	0.01	82.5	1.000	0.750	0.000	0.001	297.7
o87v	83.4	1.0	0.876	0.0	0.01	91.6	1.000	0.875	0.000	0.001	303.0
y00l=Y	90.0	0.999	1.0	0.0	0.01	101.6	1.000	1.000	0.000	0.001	305.0
y12l	96.6	0.874	1.0	0.0	0.01	109.8	0.875	1.000	0.000	0.001	305.7
y25l	103.9	0.749	1.0	0.0	0.01	115.5	0.750	1.000	0.000	0.001	307.1
y37l	111.8	0.624	1.0	0.0	0.01	120.1	0.625	1.000	0.000	0.001	308.9
y50l	120.0	0.499	1.0	0.0	0.01	123.8	0.500	1.000	0.000	0.001	311.2
y62l	128.2	0.374	1.0	0.0	0.01	126.9	0.375	1.000	0.000	0.001	313.9
y75l	136.1	0.249	1.0	0.0	0.01	129.2	0.250	1.000	0.000	0.001	317.3
y87l	143.4	0.124	1.0	0.0	0.01	131.1	0.125	1.000	0.000	0.001	321.3
l00c=L	150.0	0.0	1.0	0.001	0.01	131.8	0.000	1.000	0.000	0.001	326.8
l12c	156.6	0.0	1.0	0.126	0.01	134.0	0.000	1.000	0.125	0.001	336.9
l25c	163.9	0.0	1.0	0.251	0.01	138.4	0.000	1.000	0.250	0.001	343.7
l37c	171.8	0.0	1.0	0.376	0.01	143.0	0.000	1.000	0.375	0.001	350.8
l50c	180.0	0.0	1.0	0.501	0.01	148.0	0.000	1.000	0.500	0.001	359.0
l62c	188.2	0.0	1.0	0.626	0.01	153.7	0.000	1.000	0.625	0.001	368.2
l75c	196.1	0.0	1.0	0.751	0.01	160.5	0.000	1.000	0.750	0.001	376.1
l87c	203.4	0.0	1.0	0.876	0.01	170.1	0.000	1.000	0.875	0.001	383.4

LE061-3N,1

Interpretation $rgb \rightarrow olv^*$ 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 **OYL**CVM: $h_{ab,a} = 38.2, 101.8, 132.5, 196.7, 304.1, 326.6$
comparison with four elementary hues **R**JGB: $h_{ab,a} = 25.5, 92.3, 162.2, 271.7$, and $C^*M^* = 217.0, 328.6$
9 step equidistant grey scale: $L^* = 17.7, 27.4, 37.1, 46.8, 56.5, 66.3, 76.0, 85.7, 95.4$

d_{Ma}	h_{rgb}	$olv^*_{Ma,d}$	A2	$h_{abMa,d}$	$rgb \rightarrow olv^*_{Ma}$	d_{Ma}	h_{rgb}	$olv^*_{Ma,d}$	A2	$h_{abMa,d}$	$rgb \rightarrow olv^*_{Ma}$
o00v=O	30.0	1.0	0.001	0.0	0.01	38.2	1.000	0.000	0.000	0.001	197.0
o12v	36.6	1.0	0.126	0.0	0.01	40.7	1.000	0.125	0.001	230.7	0.000 0.875 1.000
o25v	43.9	1.0	0.251	0.0	0.01	47.0	1.000	0.250	0.000	0.001	254.5
o37v	51.8	1.0	0.376	0.0	0.01	54.8	1.000	0.375	0.000	0.001	270.8
o50v	60.0	1.0	0.501	0.0	0.01	63.7	1.000	0.500	0.000	0.001	281.9
o62v	68.2	1.0	0.626	0.0	0.01	72.7	1.000	0.625	0.000	0.001	290.5
o75v	76.1	1.0	0.751	0.0	0.01	82.2	1.000	0.750	0.000	0.001	297.1
o87v	83.4	1.0	0.876	0.0	0.01	91.6	1.000	0.875	0.000	0.001	302.2
y00l=Y	90.0	0.999	1.0	0.0	0.01	101.9	1.000	1.000	0.000	0.001	304.1
y12l	96.6	0.874	1.0	0.0	0.01	110.3	0.875	1.000	0.000	0.001	304.8
y25l	103.9	0.749	1.0	0.0	0.01	116.0	0.750	1.000	0.000	0.001	306.3
y37l	111.8	0.624	1.0	0.0	0.01	120.7	0.625	1.000	0.000	0.001	308.3
y50l	120.0	0.499	1.0	0.0	0.01	124.4	0.500	1.000	0.000	0.001	310.7
y62l	128.2	0.374	1.0	0.0	0.01	127.5	0.375	1.000	0.000	0.001	313.5
y75l	136.1	0.249	1.0	0.0	0.01	129.9	0.250	1.000	0.000	0.001	316.9
y87l	143.4	0.124	1.0	0.0	0.01	131.8	0.125	1.000	0.000	0.001	320.9
100c=L	150.0	0.0	1.0	0.001	0.01	132.5	0.000	1.000	0.000	0.001	330.0
112c	156.6	0.0	1.0	0.126	0.01	134.5	0.000	1.000	0.125	0.001	336.6
125c	163.9	0.0	1.0	0.251	0.01	138.8	0.000	1.000	0.250	0.001	343.9
137c	171.8	0.0	1.0	0.376	0.01	143.2	0.000	1.000	0.375	0.001	351.8
150c	180.0	0.0	1.0	0.501	0.01	148.1	0.000	1.000	0.500	0.001	360.0
162c	188.2	0.0	1.0	0.626	0.01	153.7	0.000	1.000	0.625	0.001	368.2
175c	196.1	0.0	1.0	0.751	0.01	160.5	0.000	1.000	0.750	0.001	376.1
187c	203.4	0.0	1.0	0.876	0.01	170.1	0.000	1.000	0.875	0.001	383.4
m00o=M	210.0	0.0	0.999	1.0	0.01	200.0	0.000	0.999	0.001	326.7	1.000 0.000 1.000
m12o	216.6	0.0	0.874	1.0	0.01	207.0	0.000	0.874	0.001	336.9	1.000 0.000 0.875
m25o	223.9	0.0	0.749	1.0	0.01	213.9	0.000	0.749	0.001	343.7	1.000 0.000 0.750
m37o	229.3	0.0	0.624	1.0	0.01	221.8	0.000	0.624	0.001	350.8	1.000 0.000 0.625
m50o	231.8	0.0	0.501	1.0	0.01	230.0	0.000	0.501	0.001	358.3	1.000 0.000 0.500
m62o	238.1	0.0	0.374	1.0	0.01	238.2	0.000	0.374	0.001	368.1	1.000 0.000 0.375
m75o	248.2	0.0	0.249	1.0	0.01	248.2	0.000	0.249	0.001	376.1	1.000 0.000 0.250
m87o	256.1	0.0	0.124	1.0	0.01	256.1	0.000	0.124	0.001	383.4	1.000 0.000 0.125