

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>L</i> *, <i>a</i> *, <i>b</i> *, <i>C</i> * _{ab} , <i>h</i> _{ab} , <i>M</i> _{a,d}]	<i>rgb</i> -> <i>olv*</i> _{Ma}									
<i>o00y</i> =O	30.0	50.1 76.5 79.4 110.3 46.0	1.000 0.000 0.000	<i>d</i> _{Ma}	<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,d}]	<i>rgb</i> -> <i>olv*</i> _{Ma}					
<i>o12y</i>	36.6	51.7 72.0 80.1 107.7 48.1	1.000 0.125 0.000	<i>c12v</i>	216.6 74.9	-45.9 -37.3 43.6 230.4	0.000 0.875 1.000	<i>C'</i>	<i>B</i>	<i>M'</i>	<i>R</i>	
<i>o25y</i>	43.9	55.5 61.0 81.1 101.5 53.1	1.000 0.250 0.000	<i>c37v</i>	223.9 56.6	-13.2 -47.0 49.0 254.2	0.000 0.750 1.000					
<i>o37y</i>	51.8	59.9 49.1 82.7 96.2 59.3	1.000 0.375 0.000	<i>c50v</i>	231.8 59.4 0.8	-58.8 58.9 270.8	0.000 0.625 1.000					
<i>o50y</i>	60.0	64.7 36.8 85.3 92.9 66.7	1.000 0.500 0.000	<i>c62v</i>	240.0 52.9 15.2	-69.7 71.4 282.3	0.000 0.500 1.000					
<i>o62y</i>	68.2	69.8 24.7 88.5 91.9 74.4	1.000 0.625 0.000	<i>c75v</i>	248.2 46.1 31.5	-80.9 86.9 291.2	0.000 0.375 1.000	<i>J</i>				
<i>o75y</i>	76.1	75.6 11.7 93.0 93.7 82.8	1.000 0.750 0.000	<i>c87v</i>	256.1 39.3 50.0	-92.4 105.1 298.4	0.000 0.250 1.000					
<i>o87y</i>	83.4	82.6 -2.6 99.1 99.2 91.5	1.000 0.875 0.000	<i>e00v</i> =V	263.4 32.5 70.0	-103.8 125.3 304.0	0.000 0.125 1.000					
<i>y00l</i> =Y	90.0	92.9 -21.6 108.6 110.8 101.3	1.000 1.000 0.000	<i>v12m</i>	270.0 29.4 79.8	-109.1 135.3 306.2	0.000 0.000 1.000					
<i>y12l</i>	96.6	90.1 -36.5 104.6 110.8 109.3	0.875 1.000 0.000	<i>v25m</i>	276.6 30.4 80.0	-107.3 133.9 306.7	0.125 0.000 1.000	<i>M'</i>				
<i>y25l</i>	103.9	88.5 -47.1 102.1 112.5 114.8	0.750 1.000 0.000	<i>v37m</i>	283.9 32.8 80.6	-103.1 131.0 308.0	0.250 0.000 1.000					
<i>y37l</i>	111.8	87.2 -56.3 100.2 115.0 119.4	0.625 1.000 0.000	<i>v50m</i>	291.8 35.6 81.5	-98.2 127.7 309.6	0.375 0.000 1.000					
<i>y50l</i>	120.0	86.2 -64.1 98.8 117.8 123.0	0.500 1.000 0.000	<i>v62m</i>	300.0 38.9 82.8	-92.5 124.3 311.8	0.500 0.000 1.000					
<i>y62l</i>	128.2	85.4 -71.2 97.7 120.9 126.1	0.375 1.000 0.000	<i>v75m</i>	308.2 42.5 84.9	-86.7 121.5 314.4	0.625 0.000 1.000	<i>G</i>				
<i>y75l</i>	136.1	84.7 -76.7 96.9 123.6 128.4	0.250 1.000 0.000	<i>v87m</i>	316.1 46.4 87.4	-79.8 118.4 317.6	0.750 0.000 1.000					
<i>y87l</i>	143.4	84.2 -81.5 96.1 126.1 130.3	0.125 1.000 0.000	<i>m00e</i> =M	323.4 50.8 90.7	-72.4 116.1 321.3	0.875 0.000 1.000					
<i>o00e</i> =L	150.0	84.0 -83.4 95.9 127.2 131.1	0.000 1.000 0.000	<i>m12e</i>	330.0 56.6 95.7	-62.2 114.2 326.9	1.000 0.000 1.000					
<i>o12e</i>	156.6	84.1 -82.3 87.1 119.9 133.4	0.000 1.000 0.125	<i>m25e</i>	336.9 53.9 90.1	-38.3 97.9 336.9	1.000 0.000 0.875	<i>R</i>				
<i>o25e</i>	163.9	84.2 -79.2 71.1 106.5 138.1	0.000 1.000 0.250	<i>m37e</i>	343.6 52.9 87.3	-25.6 91.0 343.6	1.000 0.000 0.750					
<i>o37e</i>	171.8	84.5 -76.0 57.7 95.5 142.8	0.000 1.000 0.375	<i>m50e</i>	351.8 52.2 85.0	-13.8 86.2 350.7	1.000 0.000 0.625					
<i>o50e</i>	180.0	84.7 -72.2 43.3 85.3 147.9	0.000 1.000 0.500	<i>m62e</i>	360.0 51.6 82.8	-1.3 82.8 359.0	1.000 0.000 0.500					
<i>o62e</i>	188.2	85.0 -68.2 33.9 76.3 153.6	0.000 1.000 0.625	<i>m75e</i>	368.2 51.0 80.8	12.9 81.9 359.1	1.000 0.000 0.375	<i>G</i>				
<i>o75e</i>	196.1	85.3 -63.8 22.6 67.8 160.5	0.000 1.000 0.750	<i>m87e</i>	376.1 50.6 79.0	30.0 84.6 20.8	1.000 0.000 0.250					
<i>o87e</i>	203.4	85.8 -58.2 10.1 59.2 170.2	0.000 1.000 0.875	<i>m70v</i>	383.4 50.2 77.3	55.9 95.4 35.9	1.000 0.000 0.125					

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>L</i> *, <i>a</i> *, <i>b</i> *, <i>C</i> * _{ab} , <i>h</i> _{ab} , <i>M</i> _{a,d}]	<i>rgb</i> -> <i>olv*</i> _{Ma}									
o00y=O	30.0	50.7 75.2 70.8 103.3 43.3	1.000 0.000 0.000	<i>d</i> _{Ma}	<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,d}]	<i>rgb</i> -> <i>olv*</i> _{Ma}					
o12y	36.6	52.2 70.8 71.8 100.8 45.4	1.000 0.125 0.000	c00v=C	21.0	87.0 -45.5 -13.8 47.7	197.0	0.000 1.000 1.000	<i>C'</i>			
o25y	43.9	56.0 60.0 74.1 95.4 51.0	1.000 0.250 0.000	c12v	216.6	75.0 -27.3 -33.2 43.1	230.5	0.000 0.875 1.000				
o37y	51.8	60.3 48.4 77.0 91.0 57.8	1.000 0.375 0.000	c25v	223.9	66.9 -13.0 -46.6 48.5	254.3	0.000 0.750 1.000				
o50y	60.0	65.0 36.3 80.7 88.5 65.7	1.000 0.500 0.000	c37v	231.8	59.8 0.8 -58.2 58.3	270.8	0.000 0.625 1.000	<i>B</i>			
o62y	68.2	70.1 24.4 84.6 88.1 73.9	1.000 0.625 0.000	c50v	240.0	53.4 14.9 -68.8 70.5	282.2	0.000 0.500 1.000				
o75y	76.1	75.8 11.6 89.7 90.4 82.7	1.000 0.750 0.000	c62v	248.2	46.8 30.7 -79.7 85.6	291.0	0.000 0.375 1.000				
o87y	83.4	82.8 -2.5 96.3 96.3 91.6	1.000 0.875 0.000	c75v	256.1	40.2 48.4 -90.8 103.0	298.0	0.000 0.250 1.000	<i>J</i>			
y00l=Y	90.0	92.9 -21.4 106.2 108.4 101.5	1.000 1.000 0.000	c87v	263.4	33.8 67.3 -101.7 122.1	303.5	0.000 0.125 1.000				
y12l	96.6	90.1 -36.2 102.2 108.5 109.5	0.875 1.000 0.000	v00m=V	270.0	30.8 76.4 -106.7 131.3	305.6	0.000 0.000 1.000				
y25l	103.9	88.5 -46.6 99.7 110.1 115.1	0.750 1.000 0.000	v12m	276.6	31.8 76.8 -105.0 130.1	306.2	0.125 0.000 1.000	<i>M'</i>			
y37l	111.8	87.2 -55.7 97.8 112.6 119.7	0.625 1.000 0.000	v25m	283.9	34.1 77.7 -101.1 127.6	307.5	0.250 0.000 1.000				
y50l	120.0	86.2 -63.4 96.3 115.4 123.4	0.500 1.000 0.000	v37m	291.8	36.7 78.9 -96.4 124.7	309.3	0.375 0.000 1.000				
y62l	128.2	85.4 -70.4 95.3 118.5 126.5	0.375 1.000 0.000	v50m	300.0	39.9 80.6 -91.0 121.6	311.5	0.500 0.000 1.000	<i>R</i>			
y75l	136.1	84.8 -75.9 94.4 121.2 128.8	0.250 1.000 0.000	v62m	308.2	43.3 83.1 -85.4 119.1	314.2	0.625 0.000 1.000				
y87l	143.4	84.3 -80.6 93.7 123.6 130.7	0.125 1.000 0.000	v75m	316.1	47.1 85.7 -78.7 116.4	317.4	0.750 0.000 1.000				
o00e=L	150.0	84.1 -82.5 93.4 124.7 131.5	0.000 1.000 0.000	v87m	323.4	51.4 89.2 -71.5 114.4	321.2	0.875 0.000 1.000	<i>G</i>			
o12e	156.6	84.1 -81.3 85.2 117.9 133.7	0.000 1.000 0.125	m00e=M	330.0	57.0 94.4 -61.5 112.7	326.9	1.000 0.000 1.000				
o25e	163.9	84.3 -78.3 69.9 105.0 138.3	0.000 1.000 0.250	m12e	336.6	54.4 88.7 -37.7 96.4	336.9	1.000 0.000 0.875				
o37e	171.8	84.5 -75.1 56.9 94.3 142.9	0.000 1.000 0.375	m25e	343.9	53.4 85.9 -25.1 89.5	343.6	1.000 0.000 0.750				
o50e	180.0	84.8 -71.4 44.7 84.3 148.0	0.000 1.000 0.500	m37e	351.8	52.7 83.6 -13.5 84.7	350.8	1.000 0.000 0.625				
o62e	188.2	85.0 -67.5 33.5 75.4 153.6	0.000 1.000 0.625	m50e	360.0	52.1 81.4 -1.3 81.4	359.0	1.000 0.000 0.500				
o75e	196.1	85.4 -63.1 22.4 67.1 160.5	0.000 1.000 0.750	m62e	368.2	51.2 79.5 12.6 80.4	36.0	1.000 0.000 0.375				
o87e	203.4	85.9 -57.6 10.0 58.6 170.2	0.000 1.000 0.875	m75e	376.1	51.2 77.7 28.9 82.9	20.4	1.000 0.000 0.250				
175c	203.4	85.9 -57.6 10.0	58.6 170.2	0.000 1.000 0.875	m87e	383.4	50.8 75.9 52.5 82.3	34.6	1.000 0.000 0.125			

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>L</i> *, <i>a</i> *, <i>b</i> *, <i>C</i> * _{ab} , <i>h</i> _{ab} , <i>M</i> _{a,d}]	<i>rgb</i> -> <i>olv*</i> _{Ma}									
o00y=O	30.0	51.3 73.8 64.5 98.0 41.2	1.000 0.000 0.000									
o12y	36.6	52.8 69.5 65.9 95.8 43.4	1.000 0.125 0.000									
o25y	43.9	56.4 59.1 69.0 90.8 49.0	1.000 0.250 0.000									
o37y	51.8	60.6 47.7 72.6 86.9 56.7	1.000 0.375 0.000									
o50y	60.0	65.4 35.9 76.8 84.8 65.0	1.000 0.500 0.000									
o62y	68.2	70.3 24.1 81.3 84.8 73.5	1.000 0.625 0.000									
o75y	76.1	76.0 11.4 86.7 87.5 82.5	1.000 0.750 0.000									
o87y	83.4	82.9 -2.5 93.6 93.7 91.6	1.000 0.875 0.000									
y00l=Y	90.0	92.9 -21.3 104.0	106.2 101.6	1.000 1.000 0.000								
y12l	96.6	90.2 -35.9 99.9	106.2 109.8	0.875 1.000 0.000								
y25l	103.9	88.6 -46.2 97.4	107.9 115.4	0.750 1.000 0.000								
y37l	111.8	87.3 -55.2 95.6	110.4 120.1	0.625 1.000 0.000								
y50l	120.0	86.3 -62.8 94.1	113.2 123.8	0.500 1.000 0.000								
y62l	128.2	85.5 -69.8 93.0	116.3 126.9	0.375 1.000 0.000								
y75l	136.1	84.9 -75.0 92.1	118.9 129.2	0.250 1.000 0.000								
y87l	143.4	84.4 -79.6 91.4	121.3 131.1	0.125 1.000 0.000								
o0c=L	150.0	84.2 -81.5 91.2	122.4 131.8	0.000 1.000 0.000								
o12c	156.6	84.4 -80.4 83.4	115.9 134.0	0.000 1.000 0.125								
o25c	163.9	84.4 -77.4 68.7	103.6 138.4	0.000 1.000 0.250								
o37c	171.8	84.6 -74.3 56.1	93.2 143.0	0.000 1.000 0.375								
o50c	180.0	84.8 -70.6 44.2	84.3 148.0	0.000 1.000 0.500								
o62c	188.2	85.1 -66.8 33.1	74.6 153.7	0.000 1.000 0.625								
o75c	196.1	85.4 -62.5 22.2	66.4 160.5	0.000 1.000 0.750								
y87c	203.4	85.9 -57.1 9.9	58.0 170.1	0.000 1.000 0.875								
m00o=M	330.0	57.5 93.1	-60.7 111.2 326.8	1.000 0.000 1.000								
m12o	336.6	54.9 87.3	-37.1 95.0 336.9	1.000 0.000 0.875								
m25o	343.9	54.0 84.6	-24.7 88.1 343.7	1.000 0.000 0.750								
m37o	351.8	53.3 82.3	-13.2 83.4 350.8	1.000 0.000 0.625								
m50o	360.0	52.7 80.0	-1.3 80.0 359.9	1.000 0.000 0.500								
m62o	368.2	52.2 78.1	12.2 79.0 8.9	1.000 0.000 0.375								
m75o	376.1	51.7 76.3	27.9 81.2 20.1	1.000 0.000 0.250								
y87o	383.4	51.4 74.6	49.5 89.5 33.6	1.000 0.000 0.125								