

Interpretation *rgb* -> *olv** 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 *OYLCVM*: $h_{ab,a} = 26.5, 104.5, 137.5, 197.4, 296.7, 325.4$

comparison with four elementary hues *RJGB*: $h_{ab,a} = 25.5, 92.3, 162.2, 271.7$, and *C' M'* = 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}	$[L^*, a^*, b^*, C^*_{ab}, h_{ab}]_{Ma,d}$					<i>rgb</i> -> <i>olv*</i> _{Ma}			<i>d</i> _{Ma}	<i>h</i> _{rgb}	$[L^*, a^*, b^*, C^*_{ab}, h_{ab}]_{Ma,d}$					<i>rgb</i> -> <i>olv*</i> _{Ma}		
o00y=O	30.0	65.3	44.6	22.3	49.8	26.5	1.000	0.000	0.000	c00v=C	210.0	89.0	-33.0	-10.5	34.8	197.8	0.000	1.000	1.000
o12y	36.6	66.1	42.5	23.5	48.6	28.9	1.000	0.125	0.000	c12v	216.6	80.3	-18.5	-24.4	30.8	232.8	0.000	0.875	1.000
o25y	43.9	68.2	37.2	26.5	45.7	35.5	1.000	0.250	0.000	c25v	223.9	74.8	-8.3	-33.4	34.5	256.0	0.000	0.750	1.000
o37y	51.8	70.7	31.0	30.2	43.3	44.2	1.000	0.375	0.000	c37v	231.8	70.4	0.5	-40.5	40.6	270.7	0.000	0.625	1.000
o50y	60.0	73.7	24.0	34.5	42.0	55.1	1.000	0.500	0.000	c50v	240.0	66.8	8.3	-46.5	47.4	280.2	0.000	0.500	1.000
o62y	68.2	76.9	16.7	39.2	42.6	67.0	1.000	0.625	0.000	c62v	248.2	63.3	15.9	-52.1	54.5	287.0	0.000	0.375	1.000
o75y	76.1	80.9	8.2	44.8	45.5	79.7	1.000	0.750	0.000	c75v	256.1	60.4	23.1	-57.0	61.6	292.0	0.000	0.250	1.000
o87y	83.4	85.8	-1.8	52.0	52.0	92.1	1.000	0.875	0.000	c87v	263.4	57.9	29.2	-61.2	67.9	295.5	0.000	0.125	1.000
y00l=Y	90.0	93.5	-16.3	62.8	64.9	104.6	1.000	1.000	0.000	v00m=V	270.0	56.9	31.7	-62.8	70.5	296.7	0.000	0.000	1.000
y12l	96.6	91.3	-26.9	59.4	65.3	114.4	0.875	1.000	0.000	v12m	276.6	57.2	32.7	-62.2	70.4	297.7	0.125	0.000	1.000
y25l	103.9	90.1	-34.1	57.4	66.8	120.8	0.750	1.000	0.000	v25m	283.9	58.0	34.9	-60.9	70.3	299.8	0.250	0.000	1.000
y37l	111.8	89.2	-40.2	55.9	68.9	125.8	0.625	1.000	0.000	v37m	291.8	58.9	37.6	-59.1	70.2	302.4	0.375	0.000	1.000
y50l	120.0	88.4	-45.2	54.6	71.0	129.6	0.500	1.000	0.000	v50m	300.0	60.2	40.9	-57.0	70.2	305.6	0.500	0.000	1.000
y62l	128.2	87.8	-49.6	53.7	73.2	132.8	0.375	1.000	0.000	v62m	308.2	61.7	44.8	-54.6	70.7	309.3	0.625	0.000	1.000
y75l	136.1	87.3	-52.9	53.0	74.9	135.0	0.250	1.000	0.000	v75m	316.1	63.5	49.2	-51.4	71.2	313.7	0.750	0.000	1.000
y87l	143.4	87.0	-55.7	52.4	76.5	136.8	0.125	1.000	0.000	v87m	323.4	65.7	54.3	-47.8	72.4	318.6	0.875	0.000	1.000
l00c=L	150.0	86.8	-56.9	52.1	77.2	137.5	0.000	1.000	0.000	m00o=M	330.0	68.8	61.5	-42.2	74.6	325.5	1.000	0.000	1.000
l12c	156.6	86.9	-56.2	49.4	74.9	138.7	0.000	1.000	0.125	m12o	336.6	67.3	55.9	-23.9	60.8	336.8	1.000	0.000	0.875
l25c	163.9	87.0	-54.3	43.2	69.5	141.5	0.000	1.000	0.250	m25o	343.9	66.8	53.4	-15.1	55.5	344.1	1.000	0.000	0.750
l37c	171.8	87.2	-52.3	36.9	64.1	144.9	0.000	1.000	0.375	m37o	351.8	66.4	51.4	-7.7	52.0	351.4	1.000	0.000	0.625
l50c	180.0	87.3	-50.0	30.1	58.4	149.0	0.000	1.000	0.500	m50o	360.0	66.1	49.5	-0.7	49.5	359.1	1.000	0.000	0.500
l62c	188.2	87.5	-47.5	23.3	53.0	154.0	0.000	1.000	0.625	m62o	368.2	65.8	47.9	6.3	48.3	7.4	1.000	0.000	0.375
l75c	196.1	87.8	-44.7	16.0	47.6	160.4	0.000	1.000	0.750	m75o	376.1	65.6	46.5	12.9	48.2	15.5	1.000	0.000	0.250
l87c	203.4	88.1	-41.1	7.3	41.9	169.9	0.000	1.000	0.875	m87o	383.4	65.4	45.1	19.4	49.1	23.3	1.000	0.000	0.125

LE050-7X

LE051-3A.2