

Interpretation *rgb* -> *olv** and CIELAB data of a 48 step device hue circle

for a LECD low glossy display with the luminance reflection $L_r=0,6\%$ compared to the white reference (100%)

48 step device hue circle with six device hues *OYLCVM*: $h_{ab,a} = 43.3, 101.4, 131.4, 196.6, 305.6, 326.8$

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: $L^* = 5.0, 16.3, 27.6, 38.9, 50.2, 61.5, 72.8, 84.1, 95.4$

<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}] _{Ma,d}					<i>rgb</i> -> <i>olv*</i> _{Ma}			<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}] _{Ma,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	c00v=C	210.0	87.0	-45.5	-13.8	47.7	197.0	0.000	1.000	1.000
o12y	36.6	52.2	70.8	71.8	100.8	45.4	1.000	0.125	0.000	c12v	216.6	75.0	-27.3	-33.2	43.1	230.5	0.000	0.875	1.000
o25y	43.9	56.0	60.0	74.1	95.4	51.0	1.000	0.250	0.000	c25v	223.9	66.9	-13.0	-46.6	48.5	254.3	0.000	0.750	1.000
o37y	51.8	60.3	48.4	77.0	91.0	57.8	1.000	0.375	0.000	c37v	231.8	59.8	0.8	-58.2	58.3	270.8	0.000	0.625	1.000
o50y	60.0	65.0	36.3	80.7	88.5	65.7	1.000	0.500	0.000	c50v	240.0	53.4	14.9	-68.8	70.5	282.2	0.000	0.500	1.000
o62y	68.2	70.1	24.4	84.6	88.1	73.9	1.000	0.625	0.000	c62v	248.2	46.8	30.7	-79.7	85.6	291.0	0.000	0.375	1.000
o75y	76.1	75.8	11.6	89.7	90.4	82.7	1.000	0.750	0.000	c75v	256.1	40.2	48.4	-90.8	103.0	298.0	0.000	0.250	1.000
o87y	83.4	82.8	-2.5	96.3	96.3	91.6	1.000	0.875	0.000	c87v	263.4	33.8	67.3	-101.7	122.1	303.5	0.000	0.125	1.000
y00l=Y	90.0	92.9	-21.4	106.2	108.4	101.5	1.000	1.000	0.000	v00m=V	270.0	30.8	76.4	-106.7	131.3	305.6	0.000	0.000	1.000
y12l	96.6	90.1	-36.2	102.2	108.5	109.5	0.875	1.000	0.000	v12m	276.6	31.8	76.8	-105.0	130.1	306.2	0.125	0.000	1.000
y25l	103.9	88.5	-46.6	99.7	110.1	115.1	0.750	1.000	0.000	v25m	283.9	34.1	77.7	-101.1	127.6	307.5	0.250	0.000	1.000
y37l	111.8	87.2	-55.7	97.8	112.6	119.7	0.625	1.000	0.000	v37m	291.8	36.7	78.9	-96.4	124.7	309.3	0.375	0.000	1.000
y50l	120.0	86.2	-63.4	96.3	115.4	123.4	0.500	1.000	0.000	v50m	300.0	39.9	80.6	-91.0	121.6	311.5	0.500	0.000	1.000
y62l	128.2	85.4	-70.4	95.3	118.5	126.5	0.375	1.000	0.000	v62m	308.2	43.3	83.0	-85.4	119.1	314.2	0.625	0.000	1.000
y75l	136.1	84.8	-75.9	94.4	121.2	128.8	0.250	1.000	0.000	v75m	316.1	47.1	85.7	-78.7	116.4	317.4	0.750	0.000	1.000
y87l	143.4	84.3	-80.6	93.7	123.6	130.7	0.125	1.000	0.000	v87m	323.4	51.4	89.2	-71.5	114.4	321.2	0.875	0.000	1.000
l00c=L	150.0	84.1	-82.5	93.4	124.7	131.5	0.000	1.000	0.000	m00o=M	330.0	57.0	94.4	-61.5	112.7	326.9	1.000	0.000	1.000
l12c	156.6	84.1	-81.3	85.2	117.9	133.7	0.000	1.000	0.125	m12o	336.6	54.4	88.7	-37.7	96.4	336.9	1.000	0.000	0.875
l25c	163.9	84.3	-78.3	69.9	105.0	138.3	0.000	1.000	0.250	m25o	343.9	53.4	85.9	-25.1	89.5	343.6	1.000	0.000	0.750
l37c	171.8	84.5	-75.1	56.9	94.3	142.9	0.000	1.000	0.375	m37o	351.8	52.7	83.6	-13.5	84.7	350.8	1.000	0.000	0.625
l50c	180.0	84.8	-71.4	44.7	84.3	148.0	0.000	1.000	0.500	m50o	360.0	52.1	81.4	-1.3	81.4	359.0	1.000	0.000	0.500
l62c	188.2	85.0	-67.5	33.5	75.4	153.6	0.000	1.000	0.625	m62o	368.2	51.6	79.5	12.6	80.4	9.0	1.000	0.000	0.375
l75c	196.1	85.4	-63.1	22.4	67.1	160.5	0.000	1.000	0.750	m75o	376.1	51.2	77.7	28.9	82.9	20.4	1.000	0.000	0.250
l87c	203.4	85.9	-57.6	10.0	58.6	170.2	0.000	1.000	0.875	m87o	383.4	50.8	75.9	52.5	92.3	34.6	1.000	0.000	0.125

LE040-7X

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