

Interpretation $rgb \rightarrow rgb^*$ and CIELAB data of a 48 step elementary hue circle for a LECD loss glossy display with the luminance reflection $Lr=0\%$ compared to the white reference (100%)

48 step elementary hue circle with hues: $RGBR: h_{RGBR} = 25.5, 92.3, 162.2, 217.1, \text{ and } C^* M^* = 217.0, 328.6$
comparison with six device hues $OY\backslash VMC\backslash h_{RGBR} = 41.1, 101.5, 131.4, 196.7, 305.6, 326.8$
9 step equidistant grey scale: $L^* = 0.0, 11.9, 23.9, 35.8, 47.7, 59.6, 71.6, 83.5, 95.4$

000^*R	30.0	60.0	90.0	120.0	150.0	180.0	210.0	240.0	270.0	300.0	330.0	360.0
000^*R	30.0	50.5	79.3	37.8	87.9	25.5	1.000	0.000	0.000	0.000	0.000	0.000
010^*R	36.6	50.7	78.0	52.3	93.9	33.8	1.000	0.125	0.000	0.000	0.000	0.000
020^*R	43.9	50.1	77.6	70.3	104.7	42.2	1.000	0.250	0.000	0.000	0.000	0.000
030^*R	51.2	51.3	76.5	66.5	109.8	50.5	1.000	0.375	0.000	0.000	0.000	0.000
040^*R	60.0	59.6	48.9	85.6	96.5	58.9	1.000	0.500	0.000	0.000	0.000	0.000
050^*R	68.2	65.1	35.9	82.6	92.8	67.2	1.000	0.625	0.000	0.000	0.000	0.000
060^*R	76.1	70.6	22.9	83.3	92.2	75.6	1.000	0.750	0.000	0.000	0.000	0.000
070^*R	83.4	76.5	9.9	83.9	84.0	84.0	1.000	0.875	0.000	0.000	0.000	0.000
080^*R	90.0	83.5	-9.9	100.0	100.1	92.3	1.000	1.000	0.000	0.000	0.000	0.000
090^*R	96.6	92.7	-21.1	109.5	109.6	101.1	0.875	1.000	0.000	0.000	0.000	0.000
100^*R	103.9	99.9	-37.5	104.4	111.0	109.8	0.750	1.000	0.000	0.000	0.000	0.000
110^*R	111.8	118.7	-54.6	100.6	114.5	118.5	0.625	1.000	0.000	0.000	0.000	0.000
120^*R	120.0	120.0	-73.9	122.3	127.3	127.3	0.500	1.000	0.000	0.000	0.000	0.000
130^*R	128.2	132.2	-84.2	128.8	131.1	125.5	0.375	1.000	0.000	0.000	0.000	0.000
140^*R	136.1	134.5	-74.7	129.9	131.6	144.7	0.250	1.000	0.000	0.000	0.000	0.000
150^*R	143.4	145.0	-68.3	134.1	136.7	153.5	0.125	1.000	0.000	0.000	0.000	0.000
160^*R	150.0	150.0	-63.0	20.2	66.2	162.2	0.000	1.000	0.000	0.000	0.000	0.000
170^*R	156.6	158.7	-58.9	11.4	60.1	169.1	0.000	1.000	0.125	0.000	0.000	0.000
180^*R	163.9	161.1	-56.6	4.0	56.8	175.9	0.000	1.000	0.250	0.000	0.000	0.000
190^*R	171.8	164.1	-53.8	-2.5	53.9	182.6	0.000	1.000	0.375	0.000	0.000	0.000
200^*R	180.0	180.7	-50.3	-8.4	51.1	189.6	0.000	1.000	0.500	0.000	0.000	0.000
210^*R	188.2	187.1	-46.2	-13.6	48.2	196.4	0.000	1.000	0.625	0.000	0.000	0.000
220^*R	196.1	194.1	-44.8	-18.6	47.2	203.3	0.000	1.000	0.750	0.000	0.000	0.000
230^*R	203.4	202.2	-39.9	-23.1	46.3	210.1	0.000	1.000	0.875	0.000	0.000	0.000

Interpretation $rgb \rightarrow rgb^*$ and CIELAB data of a 48 step elementary hue circle for a LECD loss glossy display with the luminance reflection $Lr=0.6\%$ compared to the white reference (100%)

48 step elementary hue circle with hues: $RGBR: h_{RGBR} = 25.5, 92.3, 162.2, 217.1, \text{ and } C^* M^* = 217.0, 328.6$
comparison with six device hues $OY\backslash VMC\backslash h_{RGBR} = 41.1, 101.4, 131.4, 196.6, 305.6, 326.8$
9 step equidistant grey scale: $L^* = 0.0, 16.3, 32.7, 49.1, 65.5, 81.9, 98.3, 114.7, 131.1$

000^*R	30.0	60.0	90.0	120.0	150.0	180.0	210.0	240.0	270.0	300.0	330.0	360.0
000^*R	30.0	51.1	77.8	37.1	86.2	25.5	1.000	0.000	0.000	0.000	0.000	0.000
010^*R	36.6	50.8	76.2	51.1	91.7	33.8	1.000	0.125	0.000	0.000	0.000	0.000
020^*R	43.9	50.7	75.5	68.4	101.9	42.2	1.000	0.250	0.000	0.000	0.000	0.000
030^*R	51.2	50.7	60.9	73.9	104.8	50.5	1.000	0.375	0.000	0.000	0.000	0.000
040^*R	60.0	60.9	46.8	77.1	96.7	58.9	1.000	0.500	0.000	0.000	0.000	0.000
050^*R	68.2	68.2	36.0	84.5	88.4	67.2	1.000	0.625	0.000	0.000	0.000	0.000
060^*R	76.1	71.2	22.0	85.8	88.5	75.6	1.000	0.750	0.000	0.000	0.000	0.000
070^*R	83.4	76.8	9.6	89.8	91.3	84.0	1.000	0.875	0.000	0.000	0.000	0.000
080^*R	90.0	83.5	-9.8	97.1	97.2	92.3	1.000	1.000	0.000	0.000	0.000	0.000
090^*R	96.6	92.6	-20.6	106.0	108.0	101.1	0.875	1.000	0.000	0.000	0.000	0.000
100^*R	103.9	98.1	-36.7	102.1	108.1	107.0	0.750	1.000	0.000	0.000	0.000	0.000
110^*R	111.8	118.7	-53.4	104.4	112.0	118.5	0.625	1.000	0.000	0.000	0.000	0.000
120^*R	120.0	120.0	-72.2	120.9	124.3	127.3	0.500	1.000	0.000	0.000	0.000	0.000
130^*R	128.2	134.2	-80.7	124.7	114.4	136.7	0.375	1.000	0.000	0.000	0.000	0.000
140^*R	136.1	134.6	-73.9	120.3	127.7	144.7	0.250	1.000	0.000	0.000	0.000	0.000
150^*R	143.4	145.0	-67.6	137.7	136.7	153.5	0.125	1.000	0.000	0.000	0.000	0.000
160^*R	150.0	150.5	-63.2	20.0	65.5	162.2	0.000	1.000	0.000	0.000	0.000	0.000
170^*R	156.6	158.8	-58.3	11.4	60.1	169.1	0.000	1.000	0.125	0.000	0.000	0.000
180^*R	163.9	161.1	-56.0	4.0	56.8	175.9	0.000	1.000	0.250	0.000	0.000	0.000
190^*R	171.8	165.5	-53.5	-2.5	53.4	182.6	0.000	1.000	0.375	0.000	0.000	0.000
200^*R	180.0	180.8	-49.8	-8.3	50.6	189.6	0.000	1.000	0.500	0.000	0.000	0.000
210^*R	188.2	187.6	-45.7	-12.4	47.7	196.4	0.000	1.000	0.625	0.000	0.000	0.000
220^*R	196.1	194.7	-42.9	-18.8	46.3	203.3	0.000	1.000	0.750	0.000	0.000	0.000
230^*R	203.4	202.7	-39.6	-22.9	45.9	210.1	0.000	1.000	0.875	0.000	0.000	0.000

Interpretation $rgb \rightarrow rgb^*$ and CIELAB data of a 48 step elementary hue circle for a LECD loss glossy display with the luminance reflection $Lr=1.2\%$ compared to the white reference (100%)

48 step elementary hue circle with hues: $RGBR: h_{RGBR} = 25.5, 92.3, 162.2, 217.1, \text{ and } C^* M^* = 217.0, 328.6$
comparison with six device hues $OY\backslash VMC\backslash h_{RGBR} = 41.1, 101.5, 131.4, 196.7, 305.6, 326.7$
9 step equidistant grey scale: $L^* = 10.4, 21.0, 31.7, 42.2, 52.9, 63.5, 74.2, 84.8, 95.4$

000^*R	30.0	60.0	90.0	120.0	150.0	180.0	210.0	240.0	270.0	300.0	330.0	360.0
000^*R	30.0	51.6	76.3	36.4	84.5	25.5	1.000	0.000	0.000	0.000	0.000	0.000
010^*R	36.6	51.4	74.6	50.0	89.8	33.8	1.000	0.125	0.000	0.000	0.000	0.000
020^*R	43.9	51.3	71.6	65.2	97.9	42.2	1.000	0.250	0.000	0.000	0.000	0.000
030^*R	51.2	51.7	57.3	69.6	90.2	50.5	1.000	0.375	0.000	0.000	0.000	0.000
040^*R	60.0	61.9	44.6	76.8	83.6	58.9	1.000	0.500	0.000	0.000	0.000	0.000
050^*R	68.2	66.7	32.8	87.2	84.8	67.2	1.000	0.625	0.000	0.000	0.000	0.000
060^*R	76.1	71.6	21.2	87.2	84.8	75.6	1.000	0.750	0.000	0.000	0.000	0.000
070^*R	83.4	77.1	9.3	88.0	88.5	84.0	1.000	0.875	0.000	0.000	0.000	0.000
080^*R	90.0	83.8	-9.7	94.5	94.6	92.3	1.000	1.000	0.000	0.000	0.000	0.000
090^*R	96.6	92.4	-20.1	103.6	105.6	101.1	0.875	1.000	0.000	0.000	0.000	0.000
100^*R	103.9	99.2	-35.9	99.9	106.2	109.8	0.750	1.000	0.000	0.000	0.000	0.000
110^*R	111.8	117.7	-52.2	96.3	109.6	118.5	0.625	1.000	0.000	0.000	0.000	0.000
120^*R	120.0	120.0	-70.6	102.9	116.7	127.3	0.500	1.000	0.000	0.000	0.000	0.000
130^*R	128.2	132.2	-80.7	124.7	114.4	136.7	0.375	1.000	0.000	0.000	0.000	0.000
140^*R	136.1	134.7	-73.2	118.8	127.7	144.7	0.250	1.000	0.000	0.000	0.000	0.000
150^*R	143.4	145.1	-66.9	134.3	134.3	153.5	0.125	1.000	0.000	0.000	0.000	0.000
160^*R	150.0	150.5	-61.7	19.8	64.9	162.2	0.000	1.000	0.000	0.000	0.000	0.000
170^*R	156.6	158.9	-57.7	11.2	58.8	169.1	0.000	1.000	0.125	0.000	0.000	0.000
180^*R	163.9	161.2	-55.4	4.0	55.7	175.9	0.000	1.000	0.250	0.000	0.000	0.000
190^*R	171.8	165.5	-52.4	-2.4	52.9	182.6	0.000	1.000	0.375	0.000	0.000	0.000
200^*R	180.0	180.9	-49.3	-8.3	50.1	189.6	0.000	1.000	0.500	0.000	0.000	0.000
210^*R	188.2	187.2	-45.3	-13.4	47.4	196.4	0.000	1.000	0.625	0.000	0.000	0.000
220^*R	196.1	194.8	-42.5	-18.2	46.4	203.3	0.000	1.000	0.750	0.000	0.000	0.000
230^*R	203.4	202.4	-39.2	-22.7	45.4	210.1	0.000	1.000	0.875	0.000	0.000	0.000

Interpretation $rgb \rightarrow rgb^*$ and CIE LAB data of a 48 step elementary hue circle for a LECD loss glossy display with the luminance reflection $L_r=2.5\%$ compared to the white reference (100%)

48 step elementary hue circle with hues: $RGBR: h_{RGBR} = 25.5, 92.3, 162.2, 217.1, \text{ and } C^* M^* = 217.0, 328.6$
 comparison with six device hues $OY\backslash VMC\backslash h_{RGBR} = 41.1, 101.8, 132.5, 196.7, 304.1, 326.6$
 9 step equidistant grey scale: $L^* = 17.7, 27.4, 37.1, 46.8, 56.5, 66.3, 76.0, 85.7, 95.4$

000^*R	h_{RGBR}	L^*	a^*	b^*	C^*	M^*	h_{RGBR}	$rgb \rightarrow rgb^*$	$C^* M^* = 217.0, 328.6$	$rgb \rightarrow rgb^*$	$C^* M^* = 217.0, 328.6$
000	30.0	52.7	73.4	35.9	83.3	25.5	1.000	0.000	0.000	0.000	0.000
010	36.6	52.5	17.9	48.2	86.6	32.8	1.000	0.125	0.000	0.000	0.000
020	43.9	54.7	64.8	38.7	87.4	43.2	1.000	0.250	0.000	0.000	0.000
030	52.4	57.4	82.0	52.4	86.4	52.4	1.000	0.375	0.000	0.000	0.000
040	60.6	63.5	41.2	68.2	79.7	58.9	1.000	0.500	0.000	0.000	0.000
050	68.2	67.9	30.5	72.8	78.9	63.0	1.000	0.625	0.000	0.000	0.000
060	76.1	72.5	19.9	77.6	80.1	75.6	1.000	0.750	0.000	0.000	0.000
070	84.0	78.0	9.0	82.5	81.2	84.0	1.000	0.875	0.000	0.000	0.000
080	90.0	83.7	-3.5	87.7	80.8	92.3	1.000	1.000	0.000	0.000	0.000
090	96.0	92.2	-13.3	92.7	101.0	101.1	0.875	1.000	0.000	0.000	0.000
100	103.9	90.4	-34.3	96.0	101.2	109.9	0.750	1.000	0.000	0.000	0.000
110	111.8	88.0	-50.1	92.4	105.5	118.5	0.625	1.000	0.000	0.000	0.000
120	120.0	85.7	-65.0	87.4	110.0	126.0	0.500	1.000	0.000	0.000	0.000
130	128.4	84.5	-77.7	75.1	108.2	136.0	0.375	1.000	0.000	0.000	0.000
140	136.1	84.0	-77.7	50.7	87.9	144.7	0.250	1.000	0.000	0.000	0.000
150	143.8	85.3	-65.5	32.7	73.3	153.5	0.125	1.000	0.000	0.000	0.000
160	150.0	85.7	-46.0	19.4	63.5	162.2	0.000	1.000	0.000	0.000	0.000
170	156.6	86.0	-56.5	0.0	57.6	168.0	1.000	0.000	0.125	0.000	0.000
180	163.5	87.4	-66.0	-13.3	52.4	173.1	1.000	0.250	0.000	0.000	0.000
190	171.8	87.7	-51.2	-24.1	51.9	182.8	1.000	0.375	0.000	0.000	0.000
200	180.0	87.0	-48.4	-8.1	49.2	189.6	1.000	0.500	0.000	0.000	0.000
210	188.2	87.7	-44.5	-13.1	46.5	196.4	1.000	0.625	0.000	0.000	0.000
220	196.7	88.0	-41.1	-18.3	43.2	203.1	1.000	0.750	0.000	0.000	0.000
230	204.8	87.4	-33.4	-23.3	44.6	210.1	1.000	0.875	0.000	0.000	0.000
240	210.0	85.7	-30.5	-28.3	43.2	217.1	1.000	1.000	0.000	0.000	0.000
250	217.1	85.7	-30.5	-28.3	43.2	217.1	1.000	0.000	0.125	0.000	0.000
260	225.0	85.7	-30.5	-28.3	43.2	217.1	1.000	0.250	0.000	0.000	0.000
270	232.5	85.7	-30.5	-28.3	43.2	217.1	1.000	0.375	0.000	0.000	0.000
280	240.0	85.7	-30.5	-28.3	43.2	217.1	1.000	0.500	0.000	0.000	0.000
290	248.0	84.1	-19.3	-40.2	44.7	244.4	0.000	0.500	0.000	0.000	0.000
300	256.6	82.0	-10.5	-47.8	49.0	258.0	0.000	0.250	0.000	0.000	0.000
310	265.0	79.7	-19.9	-54.7	53.8	271.8	0.000	0.125	0.000	0.000	0.000
320	272.6	76.6	-29.5	-61.7	57.2	273.7	0.000	0.000	0.125	0.000	0.000
330	281.2	73.4	-38.7	-68.6	60.8	287.8	0.000	0.250	0.000	0.000	0.000
340	289.6	70.0	-47.9	-75.0	63.0	296.4	0.000	0.375	0.000	0.000	0.000
350	297.8	66.3	-56.5	-80.7	64.8	304.1	0.000	0.500	0.000	0.000	0.000
360	306.0	62.5	-65.0	-85.4	66.3	311.8	0.000	0.625	0.000	0.000	0.000
370	314.1	58.5	-73.3	-89.6	67.9	319.7	0.000	0.750	0.000	0.000	0.000
380	322.5	54.7	-81.2	-93.7	69.0	327.7	0.000	0.875	0.000	0.000	0.000
390	330.0	52.5	-86.6	-97.8	70.0	335.9	0.000	1.000	0.000	0.000	0.000
400	338.7	50.0	-90.0	-101.8	70.9	344.1	0.000	0.000	0.125	0.000	0.000
410	347.4	47.9	-92.4	-105.5	71.8	352.4	0.000	0.250	0.000	0.000	0.000
420	356.0	46.0	-93.7	-108.2	72.6	360.6	0.000	0.375	0.000	0.000	0.000
430	364.8	44.5	-94.5	-110.0	73.3	368.9	0.000	0.500	0.000	0.000	0.000
440	373.1	43.2	-95.0	-111.8	73.9	377.1	0.000	0.625	0.000	0.000	0.000
450	381.8	42.0	-95.4	-113.3	74.4	385.4	0.000	0.750	0.000	0.000	0.000
460	390.0	40.9	-95.4	-114.7	74.8	393.6	0.000	0.875	0.000	0.000	0.000
470	398.2	40.0	-95.4	-115.5	75.0	401.8	0.000	1.000	0.000	0.000	0.000
480	406.0	39.0	-95.4	-116.0	75.0	409.6	0.000	0.000	0.125	0.000	0.000