

Interpretation $rgb \rightarrow rgb^*$ and CIELAB data of a 48 step elementary hue circle
for a LECD low glossy display with the luminance reflection $L_r=0\%$ compared to the white reference (100%)
48 step elementary hue circle with hues: $RJGB: h_{ab,a} = 25.5, 92.3, 162.2, 271.7$, and $C^* M^* = 217.0, 328.6$
comparison with six device hues $OYL\bar{C}VM: h_{ab,a} = 46.0, 101.2, 131.0, 196.6, 306.1, 326.8$
9 step equidistant grey scale: $L^* = 0.0, 11.9, 23.9, 35.8, 47.7, 59.6, 71.6, 83.5, 95.4$

u^*Ma	h_{rgb}	olv^*Ma_e	$A2$	$h_{ab}Ma_e$	$rgb \rightarrow rgb^*Ma$	u^*Ma	h_{rgb}	olv^*Ma_e	$A2$	$h_{ab}Ma_e$	$rgb \rightarrow rgb^*Ma$
r00j=R	30.0	1.0	0.0	0.21	0.318 25.5	0.000 0.000 0.000	c'00b=C'	210.0	0.0	0.924 1.0	0.608 217.0 0.000 1.000 1.000
r12j	36.6	1.0	0.0	0.141	0.871 33.8	1.000 0.125 0.000	c'12b	216.6	0.0	0.899 1.0	0.812 223.8 0.000 0.875 1.000
r25j	43.9	1.0	0.0	0.047	0.625 42.2	1.000 0.250 0.000	c'25b	223.9	0.0	0.872 1.0	0.022 230.7 0.000 0.750 1.000
r37j	51.8	1.0	0.189	0.0	0.508 50.5	1.000 0.375 0.000	c'37b	231.8	0.0	0.836 1.0	0.308 237.5 0.000 0.625 1.000
r50j	60.0	1.0	0.369	0.0	0.952 58.9	1.000 0.500 0.000	c'50b	240.0	0.0	0.801 1.0	0.595 244.4 0.000 0.500 1.000
r62j	68.2	1.0	0.511	0.0	0.086 67.2	1.000 0.625 0.000	c'62b	248.2	0.0	0.765 1.0	0.881 251.2 0.000 0.375 1.000
r75j	76.1	1.0	0.644	0.0	0.15 75.6	1.000 0.750 0.000	c'75b	256.1	0.0	0.72 1.0	0.24 258.0 0.000 0.250 1.000
r87j	83.4	1.0	0.767	0.0	0.139 84.0	1.000 0.875 0.000	c'87b	263.4	0.0	0.669 1.0	0.651 264.9 0.000 0.125 1.000
j00g=J	90.0	1.0	0.886	0.0	0.09 92.3	1.000 1.000 0.000	b00m'=B	270.0	0.0	0.614 1.0	0.091 271.7 0.000 0.000 1.000
j12g	96.6	1.0	0.998	0.0	0.983 101.1	0.875 1.000 0.000	b12m'	276.6	0.0	0.536 1.0	0.709 278.8 0.125 0.000 1.000
j25g	103.9	0.862	1.0	0.0	0.103 109.8	0.750 1.000 0.000	b25m'	283.9	0.0	0.446 1.0	0.419 286.0 0.250 0.000 1.000
j37g	111.8	0.647	1.0	0.0	0.827 118.5	0.625 1.000 0.000	b37m'	291.8	0.0	0.342 1.0	0.265 293.1 0.375 0.000 1.000
j50g	120.0	0.311	1.0	0.0	0.513 127.3	0.500 1.000 0.000	b50m'	300.0	0.0	0.209 1.0	0.329 300.2 0.500 0.000 1.000
j62g	128.2	0.0	1.0	0.196	0.564 136.0	0.375 1.000 0.000	b62m'	308.2	0.183	0.0	0.463 307.3 0.625 0.000 1.000
j75g	136.1	0.0	1.0	0.424	0.389 144.7	0.250 1.000 0.000	b75m'	316.1	0.627	0.0	0.013 314.4 0.750 0.000 1.000
j87g	143.4	0.0	1.0	0.623	0.987 153.5	0.125 1.000 0.000	b87m'	323.4	0.88 0.0	1.0	0.037 321.5 0.875 0.000 1.000
g00c=G	150.0	0.0	1.0	0.774	0.192 162.2	0.000 1.000 0.000	m'00r=M	330.0	1.0	0.0	0.978 0.177 328.6 1.000 0.000 1.000
g12c	156.6	0.0	1.0	0.864	0.913 169.1	0.000 1.000 0.125	m'12r	336.6	1.0	0.0	0.889 0.886 335.7 1.000 0.000 0.875
g25c	163.9	0.0	1.0	0.903	0.226 175.9	0.000 1.000 0.250	m'25r	343.9	1.0	0.0	0.763 0.892 342.8 1.000 0.000 0.750
g37c	171.8	0.0	1.0	0.935	0.482 182.8	0.000 1.000 0.375	m'37r	351.8	1.0	0.0	0.638 0.899 349.9 1.000 0.000 0.625
g50c	180.0	0.0	1.0	0.967	0.737 189.6	0.000 1.000 0.500	m'50r	360.0	1.0	0.0	0.528 0.774 357.0 1.000 0.000 0.500
g62c	188.2	0.0	1.0	0.999	0.994 196.4	0.000 1.000 0.625	m'62r	368.2	1.0	0.0	0.435 0.521 4.2 1.000 0.000 0.375
g75c	196.1	0.0	0.975	1.0	0.2 203.3	0.000 1.000 0.750	m'75r	376.1	1.0	0.0	0.351 0.196 11.3 1.000 0.000 0.250
g87c	203.4	0.0	0.95	1.0	0.404 210.1	0.000 1.000 0.875	m'87r	383.4	1.0	0.0	0.274 0.804 18.4 1.000 0.000 0.125

LE020-3N,1

Interpretation $rgb \rightarrow rgb^*$ and CIELAB data of a 48 step elementary hue circle
for a LECD low glossy display with the luminance reflection $L_r=0.6\%$ compared to the white reference (100%)
48 step elementary hue circle with hues: $RJGB: h_{ab,a} = 25.5, 92.3, 162.2, 271.7$, and $C^* M^* = 217.0, 328.6$
comparison with six device hues $OYL\bar{C}VM: h_{ab,a} = 43.3, 101.4, 131.4, 196.6, 305.6, 326.8$
9 step equidistant grey scale: $L^* = 5.0, 16.3, 27.6, 38.9, 50.2, 61.5, 72.8, 84.1, 95.4$

u^*Ma	h_{rgb}	olv^*Ma_e	$A2$	$h_{ab}Ma_e$	$rgb \rightarrow rgb^*Ma$	u^*Ma	h_{rgb}	olv^*Ma_e	$A2$	$h_{ab}Ma_e$	$rgb \rightarrow rgb^*Ma$
r00j=R	30.0	1.0	0.0	0.205	0.364 25.5	1.000 0.000 0.000	c'00b=C'	210.0	0.0	0.924 1.0	0.606 217.0 0.000 1.000 1.000
r12j	36.6	1.0	0.0	0.131	0.949 33.8	1.000 0.125 0.000	c'12b	216.6	0.0	0.899 1.0	0.809 223.8 0.000 0.875 1.000
r25j	43.9	1.0	0.0	0.016	0.875 42.2	1.000 0.250 0.000	c'25b	223.9	0.0	0.873 1.0	0.018 230.7 0.000 0.750 1.000
r37j	51.8	1.0	0.242	0.0	0.932 50.5	1.000 0.375 0.000	c'37b	231.8	0.0	0.837 1.0	0.304 237.5 0.000 0.625 1.000
r50j	60.0	1.0	0.393	0.0	0.144 58.9	1.000 0.500 0.000	c'50b	240.0	0.0	0.801 1.0	0.591 244.4 0.000 0.500 1.000
r62j	68.2	1.0	0.524	0.0	0.194 67.2	1.000 0.625 0.000	c'62b	248.2	0.0	0.765 1.0	0.877 251.2 0.000 0.375 1.000
r75j	76.1	1.0	0.65	0.0	0.203 75.6	1.000 0.750 0.000	c'75b	256.1	0.0	0.72 1.0	0.236 258.0 0.000 0.250 1.000
r87j	83.4	1.0	0.77	0.0	0.157 84.0	1.000 0.875 0.000	c'87b	263.4	0.0	0.669 1.0	0.649 264.9 0.000 0.125 1.000
j00g=J	90.0	1.0	0.886	0.0	0.086 92.3	1.000 1.000 0.000	b00m'=B	270.0	0.0	0.614 1.0	0.091 271.7 0.000 0.000 1.000
j12g	96.6	1.0	0.996	0.0	0.968 101.1	0.875 1.000 0.000	b12m'	276.6	0.0	0.536 1.0	0.714 278.8 0.125 0.000 1.000
j25g	103.9	0.868	1.0	0.0	0.055 109.8	0.750 1.000 0.000	b25m'	283.9	0.0	0.446 1.0	0.434 286.0 0.250 0.000 1.000
j37g	111.8	0.656	1.0	0.0	0.751 118.5	0.625 1.000 0.000	b37m'	291.8	0.0	0.338 1.0	0.298 293.1 0.375 0.000 1.000
j50g	120.0	0.332	1.0	0.0	0.341 127.3	0.500 1.000 0.000	b50m'	300.0	0.0	0.2	0.399 300.2 0.500 0.000 1.000
j62g	128.2	0.0	1.0	0.189	0.514 136.0	0.375 1.000 0.000	b62m'	308.2	0.228	0.0	0.825 307.3 0.625 0.000 1.000
j75g	136.1	0.0	1.0	0.422	0.374 144.7	0.250 1.000 0.000	b75m'	316.1	0.635	0.0	0.082 314.4 0.750 0.000 1.000
j87g	143.4	0.0	1.0	0.623	0.984 153.5	0.125 1.000 0.000	b87m'	323.4	0.882	0.0	0.056 321.5 0.875 0.000 1.000
g00c=G	150.0	0.0	1.0	0.774	0.193 162.2	0.000 1.000 0.000	m'00r=M	330.0	1.0	0.0	0.977 0.194 162.2 1.000 0.000 1.000
g12c	156.6	0.0	1.0	0.864	0.914 169.1	0.000 1.000 0.125	m'12r	336.6	1.0	0.0	0.889 0.888 335.7 1.000 0.000 0.875
g25c	163.9	0.0	1.0	0.903	0.225 175.9	0.000 1.000 0.250	m'25r	343.9	1.0	0.0	0.764 0.891 342.8 1.000 0.000 0.750
g37c	171.8	0.0	1.0	0.935	0.481 182.8	0.000 1.000 0.375	m'37r	351.8	1.0	0.0	0.638 0.896 349.9 1.000 0.000 0.625
g50c	180.0	0.0	1.0	0.967	0.737 189.6	0.000 1.000 0.500	m'50r	360.0	1.0	0.0	0.528 0.774 357.0 1.000 0.000 0.500
g62c	188.2	0.0	1.0	0.999	0.993 196.4	0.000 1.000 0.625	m'62r	368.2	1.0	0.0	0.434 0.526 4.2 1.000 0.000 0.375
g75c	196.1	0.0	0.975	1.0	0.198 203.3	0.000 1.000 0.750	m'75r	376.1	1.0	0.0	0.349 0.209 11.3 1.000 0.000 0.250
g87c	203.4	0.0	0.95	1.0	0.402 210.1	0.000 1.000 0.875	m'87r	383.4	1.0	0.0	0.271 0.832 18.4 1.000 0.000 0.125

LE020-7N,1

Interpretation $rgb \rightarrow rgb^*$ and CIELAB data of a 48 step elementary hue circle
for a LECD low glossy display with the luminance reflection $L_r=1.2\%$ compared to the white reference (100%)
48 step elementary hue circle with hues: $RJGB: h_{ab,a} = 25.5, 92.3, 162.2, 271.7$, and $C^* M^* = 217.0, 328.6$
comparison with six device hues $OYL\bar{C}VM: h_{ab,a} = 41.1, 101.5, 131.8, 196.7, 305.0, 326.7$
9 step equidistant grey scale: $L^* = 10.4, 21.0, 31.7, 42.3, 52.9, 63.5, 74.2, 84.8, 95.4$

u^*Ma	h_{rgb}	olv^*Ma_e	$A2$	$h_{ab}Ma_e$	$rgb \rightarrow rgb^*Ma$	u^*Ma	h_{rgb}	olv^*Ma_e	$A2$	$h_{ab}Ma_e$	$rgb \rightarrow rgb^*Ma$
r00j=R	30.0	1.0	0.0	0.199	0.407 25.5	1.000 0.000 0.000	c'00b=C'	210.0	0.0	0.925 1.0	0.604 217.0 0.000 1.000 1.000
r12j	36.6	1.0	0.0	0.12	0.04 33.8	1.000 0.125 0.000	c'12b	216.6	0.0	0.899 1.0	0.807 223.8 0.000 0.875 1.000
r25j	43.9	1.0	0.059	0.0	0.468 42.2	1.000 0.250 0.000	c'25b	223.9	0.0	0.873 1.0	0.015 230.7 0.000 0.750 1.000
r37j	51.8	1.0	0.271	0.0	0.165 50.5	1.000 0.375 0.000	c'37b	231.8	0.0	0.837 1.0	0.301 237.5 0.000 0.625 1.000
r50j	60.0	1.0	0.41	0.0	0.278 58.9	1.000 0.500 0.000	c'50b	240.0	0.0	0.802 1.0	0.588 244.4 0.000 0.500 1.000
r62j	68.2	1.0	0.535	0.0	0.278 67.2	1.000 0.625 0.000	c'62b	248.2	0.0	0.766 1.0	0.874 251.2 0.000 0.375 1.000
r75j	76.1	1.0	0.656	0.0	0.247 75.6	1.000 0.750 0.000	c'75b	256.1	0.0	0.721 1.0	0.233 258.0 0.000 0.250 1.000
r87j	83.4	1.0	0.772	0.0	0.172 84.0	1.000 0.875 0.000	c'87b	263.4	0.0	0.669 1.0	0.648 264.9 0.000 0.125 1.000
j00g=J	90.0	1.0	0.885	0.0	0.082 92.3	1.000 1.000 0.000	b00m'=B	270.0	0.0	0.613 1.0	0.093 271.7 0.000 0.000 1.000
j12g	96.6	1.0	0.994	0.0	0.953 101.1	0.875 1.000 0.000	b12m'	276.6	0.0	0.535 1.0	0.72 278.8 0.125 0.000 1.000
j25g	103.9	0.874	1.0	0.0	0.01 109.8	0.750 1.000 0.000	b25m'	283.9	0.0	0.444 1.0	0.45 286.0 0.250 0.000 1.000
j37g	111.8	0.665	1.0	0.0	0.68 118.5	0.625 1.000 0.000	b37m'	291.8	0.0	0.333 1.0	0.332 293.1 0.375 0.000 1.000
j50g	120.0	0.352	1.0	0.0	0.181 127.3	0.500 1.000 0.000	b50m'	300.0	0.0	0.191 1.0	0.47 300.2 0.500 0.000 1.000
j62g	128.2	0.0	1.0	0.183	0.464 136.0	0.375 1.000 0.000	b62m'	308.2	0.263	0.0	0.105 307.3 0.625 0.000 1.000
j75g	136.1	0.0	1.0	0.42	0.36 144.7	0.250 1.000 0.000	b75m'	316.1	0.643	0.0	0.146 314.4 0.750 0.000 1.000
j87g	143.4	0.0	1.0	0.623	0.982 153.5	0.125 1.000 0.000	b87m'	323.4	0.884	0.0	0.074 321.5 0.875 0.000 1.000
g00c=G	150.0	0.0	1.0	0.774	0.193 162.2	0.000 1.000 0.000	m'00r=M	330.0	1.0	0.0	0.977 0.186 328.6 1.000 0.000 1.000
g12c	156.6	0.0	1.0	0.864	0.915 169.1	0.000 1.000 0.125	m'12r	336.6	1.0	0.0	0.889 0.889 335.7 1.000 0.000 0.875
g25c	163.9	0.0	1.0	0.903	0.225 175.9	0.000 1.000 0.250	m'25r	343.9	1.0	0.0	0.764 0.888 342.8 1.000 0.0