

Interpretation *rgb* -> *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 *OYLCVM*: $h_{ab,a} = 46.0, 101.2, 131.0, 196.6, 306.1, 326.8$

9 step equidistant grey scale: $L^* = 0.0, 11.9, 23.9, 35.8, 47.7, 59.6, 71.6, 83.5, 95.4$

<i>u</i> * <i>Ma</i>	<i>h</i> _{rgb}	<i>o</i> <i>v</i> * <i>Ma</i> _e	A2	<i>h</i> _{ab} <i>Ma</i> _e	<i>rgb</i> -> <i>rgb</i> * <i>Ma</i>	<i>u</i> * <i>Ma</i>	<i>h</i> _{rgb}	<i>o</i> <i>v</i> * <i>Ma</i> _e	A2	<i>h</i> _{ab} <i>Ma</i> _e	<i>rgb</i> -> <i>rgb</i> * <i>Ma</i>
r00j=R	30.0	1.0	0.0	0.21	0.318 25.5	1.000 0.000 0.000	c'00b=C'	210.0	0.0	0.924 1.0	0.608 217.0
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
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
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
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
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
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
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
j00g=J	90.0	1.0	0.886	0.0	0.09 92.3	1.000 1.000 0.000	b'00m=B	270.0	0.0	0.614 1.0	0.091 271.7
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
j25g	103.9	0.862	1.0	0.0	0.103 109.8	0.750 1.000 0.000	b25m'	283.9	0.0	0.448 1.0	0.419 286.0
j37g	111.8	0.646	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
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
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
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
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	0.037 321.5
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 1.177
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
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
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
g50c'	180.0	0.0	1.0	0.967	0.738 189.6	0.000 1.000 0.500	m'50r	360.0	1.0	0.0	0.528 0.774
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
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
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

LE020-3X, 1

Interpretation *rgb* -> *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 *OYLCVM*: $h_{ab,a} = 43.3, 101.4, 131.4, 196.6, 305.6, 326.8$

9 step equidistant grey scale: $L^* = 5.0, 16.3, 27.6, 38.9, 50.2, 61.5, 72.8, 84.1, 95.4$

<i>u</i> * <i>Ma</i>	<i>h</i> _{rgb}	<i>o</i> <i>v</i> * <i>Ma</i> _e	A2	<i>h</i> _{ab} <i>Ma</i> _e	<i>rgb</i> -> <i>rgb</i> * <i>Ma</i>	<i>u</i> * <i>Ma</i>	<i>h</i> _{rgb}	<i>o</i> <i>v</i> * <i>Ma</i> _e	A2	<i>h</i> _{ab} <i>Ma</i> _e	<i>rgb</i> -> <i>rgb</i> * <i>Ma</i>
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
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
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
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
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
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
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
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
j00g=J	90.0	1.0	0.886	0.0	0.086 92.3	1.000 1.000 0.000	b'00m=B	270.0	0.0	0.614 1.0	0.091 271.7
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
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
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
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
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
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
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
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 0.181
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
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 0.89
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
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
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
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 0.196
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

LE020-7X, 1

Interpretation *rgb* -> *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 *OYLCVM*: $h_{ab,a} = 41.1, 101.5, 131.8, 196.7, 305.0, 326.7$

9 step equidistant grey scale: $L^* = 10.4, 21.0, 31.7, 42.3, 52.9, 63.5, 74.2, 84.8, 95.4$

<i>u</i> * <i>Ma</i>	<i>h</i> _{rgb}	<i>o</i> <i>v</i> * <i>Ma</i> _e	A2	<i>h</i> _{ab} <i>Ma</i> _e	<i>rgb</i> -> <i>rgb</i> * <i>Ma</i>	<i>u</i> * <i>Ma</i>	<i>h</i> _{rgb}	<i>o</i> <i>v</i> * <i>Ma</i> _e	A2	<i>h</i> _{ab} <i>Ma</i> _e	<i>rgb</i> -> <i>rgb</i> * <i>Ma</i>
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
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
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
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
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
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
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
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
j00g=J	90.0	1.0	0.885	0.0	0.082 92.3	1.000 1.000 0.000	b'00m=B	270.0	0.0	0.613 1.0	0.093 271.7
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
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
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
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
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
j75g	136.1	0.0	1.0	0.42	0.364 144.7	0.250 1.000 0.000	b75m'	316.1	0.643	0.0	0.146 314.4
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
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
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
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
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 0.892
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 0.772
g62c'	188.2	0.0	1.0	0.999	0.992 196.4	0.000 1.000 0.625	m'62r	368.2	1.0	0.0	0.434 0.531
g75c'	196.1	0.0	0.975	1.0	0.197 203.3	0.000 1.000 0.750	m'75r	376.1	1.0	0.0	0.347 0.222
g87c'	203.4	0.0	0.95	1.0	0.4 210.1	0.000 1.000 0.875	m'87r	383.4	1.0	0.0	0.268 0.857

LE021-3X, 1

Interpretation *rgb* -> *rgb** and CIELAB data of a 48 step elementary hue circle for a LECD low glossy display with the luminance reflection $L_r=2.5\%$ compared to the white reference (100%)

48 step elementary hue circle with hues: *RJGB*: $h_{ab,a} = 25.5, 92.3,$