

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> *Ma	<i>h</i> _{rgb}	<i>o</i> <i>l</i> <i>v</i> *Ma	A1/A2	<i>rgb</i> -> <i>rgb</i> *Ma	<i>u</i> *Ma	<i>h</i> _{rgb}	<i>o</i> <i>l</i> <i>v</i> *Ma	A1/A2	<i>rgb</i> -> <i>rgb</i> *Ma
r00j=R	30.0	1.0	0.0	0.21	0.682	0.318	1.000	0.000	0.000
r12j	36.6	1.0	0.0	0.141	0.129	0.871	1.000	0.125	0.000
r25j	43.9	1.0	0.0	0.047	0.375	0.625	1.000	0.250	0.000
r37j	51.8	1.0	0.189	0.0	0.492	0.508	1.000	0.375	0.000
r50j	60.0	1.0	0.369	0.0	0.048	0.952	1.000	0.500	0.000
r62j	68.2	1.0	0.511	0.0	0.914	0.086	1.000	0.625	0.000
r75j	76.1	1.0	0.644	0.0	0.85	0.15	1.000	0.750	0.000
r87j	83.4	1.0	0.767	0.0	0.861	0.139	1.000	0.875	0.000
j00g=J	90.0	1.0	0.886	0.0	0.91	0.09	1.000	1.000	0.000
j12g	96.6	1.0	0.998	0.0	0.017	0.983	0.875	1.000	0.000
j25g	103.9	0.862	1.0	0.0	0.897	0.103	0.750	1.000	0.000
j37g	111.8	0.647	1.0	0.0	0.173	0.827	0.625	1.000	0.000
j50g	120.0	0.311	1.0	0.0	0.487	0.513	0.500	1.000	0.000
j62g	128.2	0.0	1.0	0.196	0.436	0.564	0.375	1.000	0.000
j75g	136.1	0.0	1.0	0.424	0.611	0.389	0.250	1.000	0.000
j87g	143.4	0.0	1.0	0.623	0.013	0.987	0.125	1.000	0.000
g00c'=G	150.0	0.0	1.0	0.774	0.808	0.192	0.000	1.000	0.000
g12c'	156.6	0.0	1.0	0.864	0.087	0.913	0.000	1.000	0.125
g25c'	163.9	0.0	1.0	0.903	0.774	0.226	0.000	1.000	0.250
g37c'	171.8	0.0	1.0	0.935	0.518	0.482	0.000	1.000	0.375
g50c'	180.0	0.0	1.0	0.967	0.262	0.738	0.000	1.000	0.500
g62c'	188.2	0.0	1.0	0.999	0.006	0.994	0.000	1.000	0.625
g75c'	196.1	0.0	0.975	1.0	0.8	0.2	0.000	1.000	0.750
g87c'	203.4	0.0	0.95	1.0	0.596	0.404	0.000	1.000	0.875
c'00b=C'	210.0	0.0	0.924	1.0	0.392	0.608	0.000	1.000	1.000
c'12b	216.6	0.0	0.899	1.0	0.188	0.812	0.000	0.875	1.000
c'25b	223.9	0.0	0.872	1.0	0.978	0.022	0.000	0.750	1.000
c'37b	231.8	0.0	0.836	1.0	0.692	0.308	0.000	0.625	1.000
c'50b	240.0	0.0	0.801	1.0	0.405	0.595	0.000	0.500	1.000
c'62b	248.2	0.0	0.765	1.0	0.119	0.881	0.000	0.375	1.000
c'75b	256.1	0.0	0.72	1.0	0.76	0.24	0.000	0.250	1.000
c'87b	263.4	0.0	0.669	1.0	0.349	0.651	0.000	0.125	1.000
b00m=B	270.0	0.0	0.614	1.0	0.909	0.091	0.000	0.000	1.000
b12m'	276.6	0.0	0.536	1.0	0.291	0.709	0.125	0.000	1.000
b25m'	283.9	0.0	0.448	1.0	0.581	0.419	0.250	0.000	1.000
b37m'	291.8	0.0	0.342	1.0	0.735	0.265	0.375	0.000	1.000
b50m'	300.0	0.0	0.209	1.0	0.671	0.329	0.500	0.000	1.000
b62m'	308.2	0.183	0.0	1.0	0.537	0.463	0.625	0.000	1.000
b75m'	316.1	0.627	0.0	1.0	0.987	0.013	0.750	0.000	1.000
b87m'	323.4	0.88	0.0	1.0	0.963	0.037	0.875	0.000	1.000
m'00r=M	330.0	1.0	0.0	0.978	0.823	0.177	1.000	0.000	1.000
m'12r	336.6	1.0	0.0	0.889	0.114	0.886	1.000	0.000	0.875
m'25r	343.9	1.0	0.0	0.763	0.108	0.892	1.000	0.000	0.750
m'37r	351.8	1.0	0.0	0.638	0.101	0.899	1.000	0.000	0.625
m'50r	360.0	1.0	0.0	0.528	0.226	0.774	1.000	0.000	0.500
m'62r	368.2	1.0	0.0	0.435	0.479	0.521	1.000	0.000	0.375
m'75r	376.1	1.0	0.0	0.351	0.804	0.196	1.000	0.000	0.250
m'87r	383.4	1.0	0.0	0.274	0.196	0.804	1.000	0.000	0.125

KE820-3X, 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> *Ma	<i>h</i> _{rgb}	<i>o</i> <i>l</i> <i>v</i> *Ma	A1/A2	<i>rgb</i> -> <i>rgb</i> *Ma					<i>u</i> *Ma	<i>h</i> _{rgb}	<i>o</i> <i>l</i> <i>v</i> *Ma	A1/A2	<i>rgb</i> -> <i>rgb</i> *Ma						
r00j=R	30.0	1.0	0.0	0.205	0.636	0.364	1.000	0.000	0.000	c'00b=C'	210.0	0.0	0.924	1.0	0.394	0.606	0.000	1.000	1.000
r12j	36.6	1.0	0.0	0.131	0.051	0.949	1.000	0.125	0.000	c'12b	216.6	0.0	0.899	1.0	0.191	0.809	0.000	0.875	1.000
r25j	43.9	1.0	0.0	0.016	0.125	0.875	1.000	0.250	0.000	c'25b	223.9	0.0	0.873	1.0	0.982	0.018	0.000	0.750	1.000
r37j	51.8	1.0	0.242	0.0	0.068	0.932	1.000	0.375	0.000	c'37b	231.8	0.0	0.837	1.0	0.696	0.304	0.000	0.625	1.000
r50j	60.0	1.0	0.393	0.0	0.856	0.144	1.000	0.500	0.000	c'50b	240.0	0.0	0.801	1.0	0.409	0.591	0.000	0.500	1.000
r62j	68.2	1.0	0.524	0.0	0.806	0.194	1.000	0.625	0.000	c'62b	248.2	0.0	0.765	1.0	0.123	0.877	0.000	0.375	1.000
r75j	76.1	1.0	0.65	0.0	0.797	0.203	1.000	0.750	0.000	c'75b	256.1	0.0	0.72	1.0	0.764	0.236	0.000	0.250	1.000
r87j	83.4	1.0	0.77	0.0	0.843	0.157	1.000	0.875	0.000	c'87b	263.4	0.0	0.669	1.0	0.351	0.649	0.000	0.125	1.000
j00g=J	90.0	1.0	0.886	0.0	0.914	0.086	1.000	1.000	0.000	b00m=B	270.0	0.0	0.614	1.0	0.909	0.091	0.000	0.000	1.000
j12g	96.6	1.0	0.996	0.0	0.032	0.968	0.875	1.000	0.000	b12m'	276.6	0.0	0.536	1.0	0.286	0.714	0.125	0.000	1.000
j25g	103.9	0.868	1.0	0.0	0.945	0.055	0.750	1.000	0.000	b25m'	283.9	0.0	0.446	1.0	0.566	0.434	0.250	0.000	1.000
j37g	111.8	0.656	1.0	0.0	0.249	0.751	0.625	1.000	0.000	b37m'	291.8	0.0	0.338	1.0	0.702	0.298	0.375	0.000	1.000
j50g	120.0	0.332	1.0	0.0	0.659	0.341	0.500	1.000	0.000	b50m'	300.0	0.0	0.2	1.0	0.601	0.399	0.500	0.000	1.000
j62g	128.2	0.0	1.0	0.189	0.486	0.514	0.375	1.000	0.000	b62m'	308.2	0.228	0.0	1.0	0.175	0.825	0.625	0.000	1.000
j75g	136.1	0.0	1.0	0.422	0.626	0.374	0.250	1.000	0.000	b75m'	316.1	0.635	0.0	1.0	0.918	0.082	0.750	0.000	1.000
j87g	143.4	0.0	1.0	0.623	0.016	0.984	0.125	1.000	0.000	b87m'	323.4	0.882	0.0	1.0	0.944	0.056	0.875	0.000	1.000
g00c'=G	150.0	0.0	1.0	0.774	0.807	0.193	0.000	1.000	0.000	m'00r=M	330.0	1.0	0.0	0.977	0.819	0.181	1.000	0.000	1.000
g12c'	156.6	0.0	1.0	0.864	0.086	0.914	0.000	1.000	0.125	m'12r	336.6	1.0	0.0	0.889	0.112	0.888	1.000	0.000	0.875
g25c'	163.9	0.0	1.0	0.903	0.775	0.225	0.000	1.000	0.250	m'25r	343.9	1.0	0.0	0.764	0.11	0.89	1.000	0.000	0.750
g37c'	171.8	0.0	1.0	0.935	0.519	0.481	0.000	1.000	0.375	m'37r	351.8	1.0	0.0	0.638	0.104	0.896	1.000	0.000	0.625
g50c'	180.0	0.0	1.0	0.967	0.263	0.737	0.000	1.000	0.500	m'50r	360.0	1.0	0.0	0.528	0.226	0.774	1.000	0.000	0.500
g62c'	188.2	0.0	1.0	0.999	0.007	0.993	0.000	1.000	0.625	m'62r	368.2	1.0	0.0	0.434	0.474	0.526	1.000	0.000	0.375
g75c'	196.1	0.0	0.975	1.0	0.802	0.198	0.000	1.000	0.750	m'75r	376.1	1.0	0.0	0.349	0.791	0.209	1.000	0.000	0.250
g87c'	203.4	0.0	0.95	1.0	0.598	0.402	0.000	1.000	0.875	m'87r	383.4	1.0	0.0	0.271	0.168	0.832	1.000	0.000	0.125

KE820-7X, 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> *Ma	<i>h</i> _{rgb}	<i>o</i> <i>l</i> <i>v</i> *Ma	A1/A2	<i>rgb</i> -> <i>rgb</i> *Ma	<i>u</i> *Ma	<i>h</i> _{rgb}	<i>o</i> <i>l</i> <i>v</i> *Ma	A1/A2	<i>rgb</i> -> <i>rgb</i> *Ma
r00j=R	30.0	1.0	0.0	0.199	0.593	0.407	1.000	0.000	0.000
r12j	36.6	1.0	0.0	0.12	0.96	0.04	1.000	0.125	0.000
r25j	43.9	1.0	0.059	0.0	0.532	0.468	1.000	0.250	0.000
r37j	51.8	1.0	0.271	0.0	0.835	0.165	1.000	0.375	0.000
r50j	60.0	1.0	0.41	0.0	0.722	0.278	1.000	0.500	0.000
r62j	68.2	1.0	0.535	0.0	0.722	0.278	1.000	0.625	0.000
r75j	76.1	1.0	0.656	0.0	0.753	0.247	1.000	0.750	0.000
r87j	83.4	1.0	0.772	0.0	0.828	0.172	1.000	0.875	0.000
j00g=J	90.0	1.0	0.885	0.0	0.918	0.082	1.000	1.000	0.000
j12g	96.6	1.0	0.994	0.0	0.047	0.953	0.875	1.000	0.000
j25g	103.9	0.874	1.0	0.0	0.99	0.01	0.750	1.000	0.000
j37g	111.8	0.665	1.0	0.0	0.32	0.68	0.625	1.000	0.000
j50g	120.0	0.352	1.0	0.0	0.819	0.181	0.500	1.000	0.000
j62g	128.2	0.0	1.0	0.183	0.536	0.464	0.375	1.000	0.000
j75g	136.1	0.0	1.0	0.42	0.64	0.36	0.250	1.000	0.000
j87g	143.4	0.0	1.0	0.623	0.018	0.982	0.125	1.000	0.000
g00c=G	150.0	0.0	1.0	0.774	0.807	0.193	0.000	1.000	0.000
g12c	156.6	0.0	1.0	0.864	0.085	0.915	0.000	1.000	0.125
g25c	163.9	0.0	1.0	0.903	0.775	0.225	0.000	1.000	0.250
g37c	171.8	0.0	1.0	0.935	0.519	0.481	0.000	1.000	0.375
g50c	180.0	0.0	1.0	0.967	0.263	0.737	0.000	1.000	0.500
g62c	188.2	0.0	1.0	0.999	0.008	0.992	0.000	1.000	0.625
g75c	196.1	0.0	0.975	1.0	0.803	0.197	0.000	1.000	0.750
g87c	203.4	0.0	0.95	1.0	0.6	0.4	0.000	1.000	0.875
c'00b=C'	210.0	0.0	0.925	1.0	0.396	0.604	0.000	1.000	1.000
c'12b	216.6	0.0	0.899	1.0	0.193	0.807	0.000	0.875	1.000
c'25b	223.9	0.0	0.873	1.0	0.985	0.015	0.000	0.750	1.000
c'37b	231.8	0.0	0.837	1.0	0.699	0.301	0.000	0.625	1.000
c'50b	240.0	0.0	0.802	1.0	0.412	0.588	0.000	0.500	1.000
c'62b	248.2	0.0	0.766	1.0	0.126	0.874	0.000	0.375	1.000
c'75b	256.1	0.0	0.721	1.0	0.767	0.233	0.000	0.250	1.000
c'87b	263.4	0.0	0.669	1.0	0.352	0.648	0.000	0.125	1.000
b00m=B	270.0	0.0	0.613	1.0	0.907	0.093	0.000	0.000	1.000
b12m'	276.6	0.0	0.535	1.0	0.28	0.72	0.125	0.000	1.000
b25m'	283.9	0.0	0.444	1.0	0.55	0.45	0.250	0.000	1.000
b37m'	291.8	0.0	0.333	1.0	0.668	0.332	0.375	0.000	1.000
b50m'	300.0	0.0	0.191	1.0	0.53	0.47	0.500	0.000	1.000
b62m'	308.2	0.263	0.0	1.0	0.895	0.105	0.625	0.000	1.000
b75m'	316.1	0.643	0.0	1.0	0.854	0.146	0.750	0.000	1.000
b87m'	323.4	0.884	0.0	1.0	0.926	0.074	0.875	0.000	1.000
m'00r=M	330.0	1.0	0.0	0.977	0.814	0.186	1.000	0.000	1.000
m'12r	336.6	1.0	0.0	0.889	0.111	0.889	1.000	0.000	0.875
m'25r	343.9	1.0	0.0	0.764	0.112	0.888	1.000	0.000	0.750
m'37r	351.8	1.0	0.0	0.638	0.108	0.892	1.000	0.000	0.625
m'50r	360.0	1.0	0.0	0.528	0.228	0.772	1.000	0.000	0.500
m'62r	368.2	1.0	0.0	0.434	0.469	0.531	1.000	0.000	0.375
m'75r	376.1	1.0	0.0	0.347	0.778	0.222	1.000	0.000	0.250
m'87r	383.4	1.0	0.0	0.268	0.143	0.857	1.000	0.000	0.125