

Interpretation *rgb* -> *rgb** and CIELAB data of a 48 step elementary hue circle for a LECD low glossy display with the luminance reflection $L_r=5\%$ 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*: $h_{ab,a} = 34.5, 102.3, 133.6, 196.8, 302.4, 326.4$

9 step equidistant grey scale: $L^* = 26.6, 35.2, 43.8, 52.4, 61.0, 69.6, 78.2, 86.8, 95.4$

<i>u</i> [*] <i>Ma</i>	<i>h</i> _{rgb}	<i>o</i> <i>lv</i> [*] <i>Ma</i>	<i>A1/A2</i>	<i>rgb</i> -> <i>rgb</i> [*] <i>Ma</i>	<i>u</i> [*] <i>Ma</i>	<i>h</i> _{rgb}	<i>o</i> <i>lv</i> [*] <i>Ma</i>	<i>A1/A2</i>	<i>rgb</i> -> <i>rgb</i> [*] <i>Ma</i>
r00j=R	30.0	1.0	0.0	0.17	0.359	0.641	1.000	0.000	0.000
r12j	36.6	1.0	0.0	0.017	0.138	0.862	1.000	0.125	0.000
r25j	43.9	1.0	0.222	0.0	0.226	0.774	1.000	0.250	0.000
r37j	51.8	1.0	0.353	0.0	0.172	0.828	1.000	0.375	0.000
r50j	60.0	1.0	0.466	0.0	0.276	0.724	1.000	0.500	0.000
r62j	68.2	1.0	0.573	0.0	0.416	0.584	1.000	0.625	0.000
r75j	76.1	1.0	0.677	0.0	0.582	0.418	1.000	0.750	0.000
r87j	83.4	1.0	0.78	0.0	0.762	0.238	1.000	0.875	0.000
j00g=J	90.0	1.0	0.883	0.0	0.936	0.064	1.000	1.000	0.000
j12g	96.6	1.0	0.985	0.0	0.118	0.882	0.875	1.000	0.000
j25g	103.9	0.893	1.0	0.0	0.141	0.859	0.750	1.000	0.000
j37g	111.8	0.708	1.0	0.0	0.661	0.339	0.625	1.000	0.000
j50g	120.0	0.43	1.0	0.0	0.438	0.562	0.500	1.000	0.000
j62g	128.2	0.0	1.0	0.145	0.836	0.164	0.375	1.000	0.000
j75g	136.1	0.0	1.0	0.409	0.726	0.274	0.250	1.000	0.000
j87g	143.4	0.0	1.0	0.621	0.033	0.967	0.125	1.000	0.000
g00c'=G	150.0	0.0	1.0	0.775	0.804	0.196	0.000	1.000	0.000
g12c'	156.6	0.0	1.0	0.866	0.05	0.92	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	0.521	0.479	0.000	1.000	0.375
g50c'	180.0	0.0	1.0	0.967	0.267	0.733	0.000	1.000	0.500
g62c'	188.2	0.0	1.0	0.998	0.013	0.987	0.000	1.000	0.625
g75c'	196.1	0.0	0.976	1.0	0.809	0.191	0.000	1.000	0.750
g87c'	203.4	0.0	0.951	1.0	0.608	0.392	0.000	1.000	0.875

KE830-3N, 2

Interpretation *rgb* -> *rgb** and CIELAB data of a 48 step elementary hue circle for a LECD low glossy display with the luminance reflection $L_r=10\%$ 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*: $h_{ab,a} = 30.5, 103.2, 135.3, 197.0, 300.0, 326.0$

9 step equidistant grey scale: $L^* = 37.9, 45.1, 52.2, 59.4, 66.6, 73.8, 81.0, 88.2, 95.4$

<i>u</i> [*] <i>Ma</i>	<i>h</i> _{rgb}	<i>o</i> <i>lv</i> [*] <i>Ma</i>	<i>A1/A2</i>	<i>rgb</i> -> <i>rgb</i> [*] <i>Ma</i>	<i>u</i> [*] <i>Ma</i>	<i>h</i> _{rgb}	<i>o</i> <i>lv</i> [*] <i>Ma</i>	<i>A1/A2</i>	<i>rgb</i> -> <i>rgb</i> [*] <i>Ma</i>
r00j=R	30.0	1.0	0.0	0.138	0.101	0.899	1.000	0.000	0.000
r12j	36.6	1.0	0.142	0.0	0.866	0.134	1.000	0.125	0.000
r25j	43.9	1.0	0.286	0.0	0.712	0.288	1.000	0.250	0.000
r37j	51.8	1.0	0.402	0.0	0.786	0.214	1.000	0.375	0.000
r50j	60.0	1.0	0.503	0.0	0.977	0.023	1.000	0.500	0.000
r62j	68.2	1.0	0.6	0.0	0.201	0.799	1.000	0.625	0.000
r75j	76.1	1.0	0.693	0.0	0.454	0.546	1.000	0.750	0.000
r87j	83.4	1.0	0.786	0.0	0.708	0.292	1.000	0.875	0.000
j00g=J	90.0	1.0	0.881	0.0	0.953	0.047	1.000	1.000	0.000
j12g	96.6	1.0	0.977	0.0	0.186	0.814	0.875	1.000	0.000
j25g	103.9	0.91	1.0	0.0	0.279	0.721	0.750	1.000	0.000
j37g	111.8	0.748	1.0	0.0	0.987	0.013	0.625	1.000	0.000
j50g	120.0	0.498	1.0	0.0	0.987	0.013	0.500	1.000	0.000
j62g	128.2	0.0	1.0	0.059	0.528	0.472	0.375	1.000	0.000
j75g	136.1	0.0	1.0	0.396	0.833	0.167	0.250	1.000	0.000
j87g	143.4	0.0	1.0	0.619	0.052	0.948	0.125	1.000	0.000
g00c'=G	150.0	0.0	1.0	0.775	0.8	0.2	0.000	1.000	0.000
g12c'	156.6	0.0	1.0	0.866	0.073	0.927	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	0.523	0.477	0.000	1.000	0.375
g50c'	180.0	0.0	1.0	0.966	0.272	0.728	0.000	1.000	0.500
g62c'	188.2	0.0	1.0	0.997	0.021	0.979	0.000	1.000	0.625
g75c'	196.1	0.0	0.977	1.0	0.818	0.182	0.000	1.000	0.750
g87c'	203.4	0.0	0.952	1.0	0.619	0.381	0.000	1.000	0.875

KE830-7N, 2

Interpretation *rgb* -> *rgb** and CIELAB data of a 48 step elementary hue circle for a LECD low glossy display with the luminance reflection $L_r=20\%$ 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*: $h_{ab,a} = 26.5, 104.5, 137.5, 197.4, 296.7, 325.4$

9 step equidistant grey scale: $L^* = 51.9, 57.4, 62.8, 68.2, 73.7, 79.1, 84.5, 90.0, 95.4$

<i>u</i> [*] <i>Ma</i>	<i>h</i> _{rgb}	<i>o</i> <i>lv</i> [*] <i>Ma</i>	<i>A1/A2</i>	<i>rgb</i> -> <i>rgb</i> [*] <i>Ma</i>	<i>u</i> [*] <i>Ma</i>	<i>h</i> _{rgb}	<i>o</i> <i>lv</i> [*] <i>Ma</i>	<i>A1/A2</i>	<i>rgb</i> -> <i>rgb</i> [*] <i>Ma</i>
r00j=R	30.0	1.0	0.0	0.04	0.32	0.68	1.000	0.000	0.000
r12j	36.6	1.0	0.22	0.0	0.239	0.761	1.000	0.125	0.000
r25j	43.9	1.0	0.347	0.0	0.222	0.778	1.000	0.250	0.000
r37j	51.8	1.0	0.449	0.0	0.41	0.59	1.000	0.375	0.000
r50j	60.0	1.0	0.541	0.0	0.671	0.329	1.000	0.500	0.000
r62j	68.2	1.0	0.629	0.0	0.967	0.033	1.000	0.625	0.000
r75j	76.1	1.0	0.711	0.0	0.311	0.689	1.000	0.750	0.000
r87j	83.4	1.0	0.794	0.0	0.646	0.354	1.000	0.875	0.000
j00g=J	90.0	1.0	0.878	0.0	0.974	0.026	1.000	1.000	0.000
j12g	96.6	1.0	0.965	0.0	0.276	0.724	0.875	1.000	0.000
j25g	103.9	0.933	1.0	0.0	0.465	0.535	0.750	1.000	0.000
j37g	111.8	0.793	1.0	0.0	0.348	0.652	0.625	1.000	0.000
j50g	120.0	0.576	1.0	0.0	0.611	0.389	0.500	1.000	0.000
j62g	128.2	0.182	1.0	0.0	0.453	0.547	0.375	1.000	0.000
j75g	136.1	0.0	1.0	0.371	0.032	0.968	0.250	1.000	0.000
j87g	143.4	0.0	1.0	0.614	0.086	0.914	0.125	1.000	0.000
g00c'=G	150.0	0.0	1.0	0.776	0.793	0.207	0.000	1.000	0.000
g12c'	156.6	0.0	1.0	0.867	0.061	0.939	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	0.934	0.528	0.472	0.000	1.000	0.375
g50c'	180.0	0.0	1.0	0.965	0.281	0.719	0.000	1.000	0.500
g62c'	188.2	0.0	1.0	0.996	0.033	0.965	0.000	1.000	0.625
g75c'	196.1	0.0	0.979	1.0	0.833	0.167	0.000	1.000	0.750
g87c'	203.4	0.0	0.955	1.0	0.639	0.361	0.000	1.000	0.875

KE831-3N, 2

Interpretation *rgb* -> *rgb** and CIELAB data of a 48 step elementary hue circle for a LECD low glossy display with the luminance reflection $L_r=40\%$ 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*: $h_{ab,a} = 23.2, 106.5, 139.9, 198.2, 293.2, 324.2$

9 step equidistant grey scale: $L^* = 69.7, 72.9, 76.1, 79.3, 82.5, 85.8, 89.0, 92.2, 95.4$

<i>u</i> [*] <i>Ma</i>	<i>h</i> _{rgb}	<i>o</i> <i>lv</i> [*] <i>Ma</i>	<i>A1/A2</i>	<i>rgb</i> -> <i>rgb</i> [*] <i>Ma</i>	<i>u</i> [*] <i>Ma</i>	<i>h</i> _{rgb}	<i>o</i> <i>lv</i> [*] <i>Ma</i>	<i>A1/A2</i>	<i>rgb</i> -> <i>rgb</i> [*] <i>Ma</i>
r00j=R	30.0	1.0	0.128	0.0	0.973	0.027	1.000	0.000	0.000
r12j	36.6	1.0	0.285	0.0	0.72	0.28	1.000	0.125	0.000
r25j	43.9	1.0	0.401	0.0	0.795	0.205	1.000	0.250	0.000
r37j	51.8	1.0	0.495	0.0	0.041	0.959	1.000	0.375	0.000
r50j	60.0	1.0	0.578	0.0	0.379	0.621	1.000	0.500	0.000
r62j	68.2	1.0	0.656	0.0	0.753	0.247	1.000	0.625	0.000
r75j	76.1	1.0	0.729	0.0	0.169	0.831	1.000	0.750	0.000
r87j	83.4	1.0	0.802	0.0	0.584	0.416	1.000	0.875	0.000
j00g=J	90.0	1.0	0.875	0.0	0.997	0.003	1.000	1.000	0.000
j12g	96.6	1.0	0.952	0.0	0.382	0.618	0.875	1.000	0.000
j25g	103.9	0.961	1.0	0.0	0.689	0.311	0.750	1.000	0.000
j37g	111.8	0.848	1.0	0.0	0.784	0.216	0.625	1.000	0.000
j50g	120.0	0.661	1.0	0.0	0.29	0.71	0.500	1.000	0.000
j62g	128.2	0.344	1.0	0.0	0.749	0.251	0.375	1.000	0.000
j75g	136.1	0.0	1.0	0.321	0.434	0.566	0.250	1.000	0.000
j87g	143.4	0.0	1.0	0.607	0.144	0.856	0.125	1.000	0.000
g00c'=G	150.0	0.0	1.0	0.777	0.782	0.218	0.000	1.000	0.000
g12c'	156.6	0.0	1.0	0.87	0.041	0.959	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	0.933	0.536	0.464	0.000	1.000	0.375
g50c'	180.0	0.0	1.0	0.963	0.298	0.702	0.000	1.000	0.500
g62c'	188.2	0.0	1.0	0.993	0.059	0.941	0.000	1.000	0.625
g75c'	196.1	0.0	0.982	1.0	0.859	0.141	0.000	1.000	0.750
g87c'	203.4	0.0	0.959	1.0	0.67	0.33	0.000	1.000	0.875

KE831-7N, 2