

Interpretation <i>rgb</i> -> <i>olv*</i> and CIELAB data of a 48 step device hue circle for a LECD low glossy display with the luminance reflection $L_r=5\%$ compared to the white reference (100%)											
48 step device hue circle with six device hues <i>OYLCVM</i> : $h_{ab,a} = 34.5, 102.3, 133.6, 196.8, 302.4, 326.4$ comparison with four elementary hues <i>RJGB</i> : $h_{ab,a} = 25.5, 92.3, 162.2, 271.7$, and <i>C' M'</i> = 217.0, 328.6 9 step equidistant grey scale: $L^* = 26.6, 35.2, 43.8, 52.4, 61.0, 69.6, 78.2, 86.8, 95.4$											
d_{Ma}	h_{rgb}	rgb^*Ma	$A1/A2$	$rgb \rightarrow olv^*Ma$	d_{Ma}	h_{rgb}	rgb^*Ma	$A1/A2$	$rgb \rightarrow olv^*Ma$		
o00y=O	30.0	1.0	0.136	0.0	0.915	0.085	1.000	0.000	0.000		
o12y	36.6	1.0	0.173	0.0	0.619	0.381	1.000	0.125	0.000		
o25y	43.9	1.0	0.273	0.0	0.819	0.181	1.000	0.250	0.000		
o37y	51.8	1.0	0.396	0.0	0.83	0.17	1.000	0.375	0.000		
o50y	60.0	1.0	0.539	0.0	0.684	0.316	1.000	0.500	0.000		
o62y	68.2	1.0	0.686	0.0	0.512	0.488	1.000	0.625	0.000		
o75y	76.1	1.0	0.839	0.0	0.287	0.713	1.000	0.750	0.000		
o87y	83.4	1.0	0.99	0.0	0.082	0.918	1.000	0.875	0.000		
y00l=Y	90.0	0.857	1.0	0.0	0.855	0.145	1.000	1.000	0.000		
y12l	96.6	0.733	1.0	0.0	0.86	0.14	0.875	1.000	0.000		
y25l	103.9	0.648	1.0	0.0	0.187	0.813	0.750	1.000	0.000		
y37l	111.8	0.58	1.0	0.0	0.637	0.363	0.625	1.000	0.000		
y50l	120.0	0.525	1.0	0.0	0.203	0.797	0.500	1.000	0.000		
y62l	128.2	0.48	1.0	0.0	0.841	0.159	0.375	1.000	0.000		
y75l	136.1	0.447	1.0	0.0	0.573	0.427	0.250	1.000	0.000		
y87l	143.4	0.419	1.0	0.0	0.355	0.645	0.125	1.000	0.000		
o00c=L	150.0	0.409	1.0	0.0	0.272	0.728	0.000	1.000	0.000		
o12c	156.6	0.384	1.0	0.0	0.073	0.927	0.000	1.000	0.125		
o25c	163.9	0.328	1.0	0.0	0.628	0.372	0.000	1.000	0.250		
o37c	171.8	0.269	1.0	0.0	0.149	0.851	0.000	1.000	0.375		
o50c	180.0	0.201	1.0	0.0	0.605	0.395	0.000	1.000	0.500		
o62c	188.2	0.122	1.0	0.0	0.979	0.021	0.000	1.000	0.625		
o75c	196.1	0.027	1.0	0.0	0.213	0.787	0.000	1.000	0.750		
o87c	203.4	0.0	1.0	0.139	0.89	0.11	0.000	1.000	0.875		

KE870-3X, 2

Interpretation <i>rgb</i> -> <i>olv*</i> and CIELAB data of a 48 step device hue circle for a LECD low glossy display with the luminance reflection $L_r=10\%$ compared to the white reference (100%)											
48 step device hue circle with six device hues <i>OYLCVM</i> : $h_{ab,a} = 30.5, 103.2, 135.3, 197.0, 300.0, 326.0$ comparison with four elementary hues <i>RJGB</i> : $h_{ab,a} = 25.5, 92.3, 162.2, 271.7$, and <i>C' M'</i> = 217.0, 328.6 9 step equidistant grey scale: $L^* = 37.9, 45.1, 52.2, 59.4, 66.6, 73.8, 81.0, 88.2, 95.4$											
d_{Ma}	h_{rgb}	rgb^*Ma	$A1/A2$	$rgb \rightarrow olv^*Ma$	d_{Ma}	h_{rgb}	rgb^*Ma	$A1/A2$	$rgb \rightarrow olv^*Ma$		
o00y=O	30.0	1.0	0.075	0.0	0.402	0.598	1.000	0.000	0.000		
o12y	36.6	1.0	0.111	0.0	0.109	0.891	1.000	0.125	0.000		
o25y	43.9	1.0	0.213	0.0	0.298	0.702	1.000	0.250	0.000		
o37y	51.8	1.0	0.342	0.0	0.264	0.376	1.000	0.375	0.000		
o50y	60.0	1.0	0.496	0.0	0.03	0.97	1.000	0.500	0.000		
o62y	68.2	1.0	0.657	0.0	0.74	0.26	1.000	0.625	0.000		
o75y	76.1	1.0	0.827	0.0	0.385	0.615	1.000	0.750	0.000		
o87y	83.4	1.0	0.992	0.0	0.065	0.935	1.000	0.875	0.000		
y00l=Y	90.0	0.845	1.0	0.0	0.757	0.243	1.000	1.000	0.000		
y12l	96.6	0.713	1.0	0.0	0.707	0.293	0.875	1.000	0.000		
y25l	103.9	0.626	1.0	0.0	0.007	0.993	0.750	1.000	0.000		
y37l	111.8	0.555	1.0	0.0	0.443	0.557	0.625	1.000	0.000		
y50l	120.0	0.501	1.0	0.0	0.005	0.995	0.500	1.000	0.000		
y62l	128.2	0.455	1.0	0.0	0.642	0.358	0.375	1.000	0.000		
y75l	136.1	0.422	1.0	0.0	0.375	0.625	0.250	1.000	0.000		
y87l	143.4	0.395	1.0	0.0	0.16	0.84	0.125	1.000	0.000		
o00c=L	150.0	0.385	1.0	0.0	0.079	0.921	0.000	1.000	0.000		
o12c	156.6	0.364	1.0	0.0	0.912	0.088	0.000	1.000	0.125		
o25c	163.9	0.315	1.0	0.0	0.523	0.477	0.000	1.000	0.250		
o37c	171.8	0.261	1.0	0.0	0.086	0.914	0.000	1.000	0.375		
o50c	180.0	0.197	1.0	0.0	0.572	0.428	0.000	1.000	0.500		
o62c	188.2	0.121	1.0	0.0	0.969	0.031	0.000	1.000	0.625		
o75c	196.1	0.027	1.0	0.0	0.216	0.784	0.000	1.000	0.750		
o87c	203.4	0.0	1.0	0.138	0.899	0.101	0.000	1.000	0.875		

KE870-7X, 2

Interpretation <i>rgb</i> -> <i>olv*</i> and CIELAB data of a 48 step device hue circle for a LECD low glossy display with the luminance reflection $L_r=20\%$ compared to the white reference (100%)											
48 step device hue circle with six device hues <i>OYLCVM</i> : $h_{ab,a} = 26.5, 104.5, 137.5, 197.4, 296.7, 325.4$ comparison with four elementary hues <i>RJGB</i> : $h_{ab,a} = 25.5, 92.3, 162.2, 271.7$, and <i>C' M'</i> = 217.0, 328.6 9 step equidistant grey scale: $L^* = 51.9, 57.4, 62.8, 68.2, 73.7, 79.1, 84.5, 90.0, 95.4$											
d_{Ma}	h_{rgb}	rgb^*Ma	$A1/A2$	$rgb \rightarrow olv^*Ma$	d_{Ma}	h_{rgb}	rgb^*Ma	$A1/A2$	$rgb \rightarrow olv^*Ma$		
o00y=O	30.0	1.0	0.016	0.0	0.876	0.124	1.000	0.000	0.000		
o12y	36.6	1.0	0.05	0.0	0.599	0.401	1.000	0.125	0.000		
o25y	43.9	1.0	0.149	0.0	0.812	0.188	1.000	0.250	0.000		
o37y	51.8	1.0	0.279	0.0	0.768	0.232	1.000	0.375	0.000		
o50y	60.0	1.0	0.442	0.0	0.467	0.533	1.000	0.500	0.000		
o62y	68.2	1.0	0.619	0.0	0.05	0.95	1.000	0.625	0.000		
o75y	76.1	1.0	0.809	0.0	0.526	0.474	1.000	0.750	0.000		
o87y	83.4	1.0	0.995	0.0	0.039	0.961	1.000	0.875	0.000		
y00l=Y	90.0	0.825	1.0	0.0	0.603	0.397	1.000	1.000	0.000		
y12l	96.6	0.685	1.0	0.0	0.476	0.524	0.875	1.000	0.000		
y25l	103.9	0.593	1.0	0.0	0.746	0.254	0.750	1.000	0.000		
y37l	111.8	0.521	1.0	0.0	0.171	0.829	0.625	1.000	0.000		
y50l	120.0	0.466	1.0	0.0	0.732	0.268	0.500	1.000	0.000		
y62l	128.2	0.422	1.0	0.0	0.374	0.626	0.375	1.000	0.000		
y75l	136.1	0.389	1.0	0.0	0.114	0.886	0.250	1.000	0.000		
y87l	143.4	0.363	1.0	0.0	0.906	0.094	0.125	1.000	0.000		
o00c=L	150.0	0.353	1.0	0.0	0.828	0.172	0.000	1.000	0.000		
o12c	156.6	0.337	1.0	0.0	0.694	0.306	0.000	1.000	0.125		
o25c	163.9	0.296	1.0	0.0	0.371	0.629	0.000	1.000	0.250		
o37c	171.8	0.248	1.0	0.0	0.988	0.012	0.000	1.000	0.375		
o50c	180.0	0.19	1.0	0.0	0.52	0.48	0.000	1.000	0.500		
o62c	188.2	0.119	1.0	0.0	0.951	0.049	0.000	1.000	0.625		
o75c	196.1	0.028	1.0	0.0	0.222	0.778	0.000	1.000	0.750		
o87c	203.4	0.0	1.0	0.135	0.917	0.083	0.000	1.000	0.875		

KE871-3X, 2

Interpretation <i>rgb</i> -> <i>olv*</i> and CIELAB data of a 48 step device hue circle for a LECD low glossy display with the luminance reflection $L_r=40\%$ compared to the white reference (100%)											
48 step device hue circle with six device hues <i>OYLCVM</i> : $h_{ab,a} = 23.2, 106.5, 139.9, 198.2, 293.2, 324.2$ comparison with four elementary hues <i>RJGB</i> : $h_{ab,a} = 25.5, 92.3, 162.2, 271.7$, and <i>C' M'</i> = 217.0, 328.6 9 step equidistant grey scale: $L^* = 69.7, 72.9, 76.1, 79.3, 82.5, 85.8, 89.0, 92.2, 95.4$											
d_{Ma}	h_{rgb}	rgb^*Ma	$A1/A2$	$rgb \rightarrow olv^*Ma$	d_{Ma}	h_{rgb}	rgb^*Ma	$A1/A2$	$rgb \rightarrow olv^*Ma$		
o00y=O	30.0	1.0	0.0	0.04	0.322	0.678	1.000	0.000	0.000		
o12y	36.6	1.0	0.0	0.003	0.024	0.976	1.000	0.125	0.000		
o25y	43.9	1.0	0.09	0.0	0.284	0.716	1.000	0.250	0.000		R
o37y	51.8	1.0	0.216	0.0	0.272	0.728	1.000	0.375	0.000		
o50y	60.0	1.0	0.382	0.0	0.946	0.054	1.000	0.500	0.000		
o62y	68.2	1.0	0.572	0.0	0.423	0.577	1.000	0.625	0.000		B
o75y	76.1	1.0	0.786	0.0	0.71	0.29	1.000	0.750	0.000		
o87y	83.4	1.0	0.999	0.0	0.004	0.996	1.000	0.875	0.000		
y00l=Y	90.0	0.797	1.0	0.0	0.379	0.621	1.000	1.000	0.000	0.000	J
y12l	96.6	0.645	1.0	0.0	0.163	0.837	0.875	1.000	0.000	0.000	
y25l	103.9	0.551	1.0	0.0	0.409	0.591	0.750	1.000	0.000	0.000	
y37l	111.8	0.479	1.0	0.0	0.833	0.167	0.625	1.000	0.000	0.000	
y50l	120.0	0.426	1.0	0.0	0.405	0.595	0.500	1.000	0.000	0.000	
y62l	128.2	0.383	1.0	0.0	0.062	0.938	0.375	1.000	0.000	0.000	
y75l	136.1	0.352	1.0	0.0	0.816	0.184	0.250	1.000	0.000	0.000	
y87l	143.4	0.328	1.0	0.0	0.622	0.378	0.125	1.000	0.000	0.000	
m00=M	330.0	0.929	0.0	0.0	0.616	0.384	1.000	0.000	1.000	0.000	M'
m12o	336.6	1.0	0.0	0.859	0.875	0.125	1.000	0.000	0.875	0.000	
m25o	343.9	1.0	0.0	0.725	0.797	0.203	1.000	0.000	0.750	0.000	
m37o	351.8	1.0	0.0	0.595	0.763	0.237	1.000	0.000	0.625	0.000	
m50o	360.0	1.0	0.0	0.464	0.711	0.289	1.000	0.000	0.500	0.000	
m62o	368.2	1.0	0.0	0.329	0.635	0.365	1.000	0.000	0.375	0.000	
m75o	376.1	1.0	0.0	0.204	0.633	0.367	1.000	0.000	0.250	0.000	
m87o	383.4	1.0	0.0	0.087	0.699	0.301	1.000	0.000	0.125	0.000	