

Interpretation <i>rgb</i> -> <i>olv*</i> and CIELAB data of a 48 step device hue circle for a sRGB standard 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> : $h_{ab,a} = 31.9, 103.7, 137.6, 196.6, 302.8, 327.9$ 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: $L^* = 26.8, 35.4, 44.0, 52.6, 61.1, 69.7, 78.3, 86.8, 95.4$												
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	0.097	0.0	0.226	0.774	1.000	0.000	0.000	C'		
o12y	36.6	1.0	0.12	0.0	0.038	0.962	1.000	0.125	0.000			
o25y	43.9	1.0	0.18	0.0	0.556	0.444	1.000	0.250	0.000			
o37y	51.8	1.0	0.289	0.0	0.692	0.308	1.000	0.375	0.000			
o50y	60.0	1.0	0.447	0.0	0.421	0.579	1.000	0.500	0.000	B		
o62y	68.2	1.0	0.644	0.0	0.844	0.156	1.000	0.625	0.000			
o75y	76.1	1.0	0.849	0.0	0.21	0.79	1.000	0.750	0.000			
o87y	83.4	0.973	1.0	0.0	0.782	0.218	1.000	0.875	0.000			
y00l=Y	90.0	0.837	1.0	0.0	0.7	0.3	1.000	1.000	0.000	J		
y12l	96.6	0.721	1.0	0.0	0.767	0.233	0.875	1.000	0.000			
y25l	103.9	0.616	1.0	0.0	0.929	0.071	0.750	1.000	0.000			
y37l	111.8	0.528	1.0	0.0	0.227	0.773	0.625	1.000	0.000			
y50l	120.0	0.46	1.0	0.0	0.679	0.321	0.500	1.000	0.000			
y62l	128.2	0.41	1.0	0.0	0.28	0.72	0.375	1.000	0.000			
y75l	136.1	0.377	1.0	0.0	0.016	0.984	0.250	1.000	0.000			
y87l	143.4	0.359	1.0	0.0	0.87	0.13	0.125	1.000	0.000			
o00e=L	150.0	0.352	1.0	0.0	0.813	0.187	0.000	1.000	0.000			
o12e	156.6	0.34	1.0	0.0	0.719	0.281	0.000	1.000	0.125			
o25e	163.9	0.311	1.0	0.0	0.489	0.511	0.000	1.000	0.250			
o37e	171.8	0.262	1.0	0.0	0.095	0.905	0.000	1.000	0.375			
o50e	180.0	0.19	1.0	0.0	0.518	0.482	0.000	1.000	0.500			
o62e	188.2	0.09	1.0	0.0	0.718	0.282	0.000	1.000	0.625			
o75e	196.1	0.0	1.0	0.061	0.513	0.487	0.000	1.000	0.750			
o87e	203.4	0.0	1.0	0.304	0.572	0.428	0.000	1.000	0.875			

KE950-3N, 2

Interpretation <i>rgb</i> -> <i>olv*</i> and CIELAB data of a 48 step device hue circle for a sRGB standard 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> : $h_{ab,a} = 28.5, 104.4, 138.8, 196.8, 300.4, 327.6$ 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: $L^* = 38.0, 45.2, 52.3, 59.5, 66.7, 73.9, 81.1, 88.2, 95.4$												
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	0.045	0.0	0.64	0.36	1.000	0.000	0.000	C'		
o12y	36.6	1.0	0.068	0.0	0.454	0.546	1.000	0.125	0.000			
o25y	43.9	1.0	0.129	0.0	0.972	0.028	1.000	0.250	0.000			
o37y	51.8	1.0	0.239	0.0	0.088	0.912	1.000	0.375	0.000			
o50y	60.0	1.0	0.406	0.0	0.752	0.248	1.000	0.500	0.000	B		
o62y	68.2	1.0	0.618	0.0	0.054	0.946	1.000	0.625	0.000			
o75y	76.1	1.0	0.84	0.0	0.281	0.719	1.000	0.750	0.000			
o87y	83.4	0.969	1.0	0.0	0.752	0.248	1.000	0.875	0.000			
y00l=Y	90.0	0.828	1.0	0.0	0.62	0.38	1.000	1.000	0.000	J		
y12l	96.6	0.706	1.0	0.0	0.65	0.35	0.875	1.000	0.000			
y25l	103.9	0.599	1.0	0.0	0.79	0.21	0.750	1.000	0.000			
y37l	111.8	0.51	1.0	0.0	0.079	0.921	0.625	1.000	0.000			
y50l	120.0	0.441	1.0	0.0	0.531	0.469	0.500	1.000	0.000			
y62l	128.2	0.392	1.0	0.0	0.136	0.864	0.375	1.000	0.000			
y75l	136.1	0.36	1.0	0.0	0.877	0.123	0.250	1.000	0.000			
y87l	143.4	0.342	1.0	0.0	0.734	0.266	0.125	1.000	0.000			
o00e=L	150.0	0.335	1.0	0.0	0.678	0.322	0.000	1.000	0.000			
o12e	156.6	0.325	1.0	0.0	0.596	0.404	0.000	1.000	0.125			
o25e	163.9	0.299	1.0	0.0	0.391	0.609	0.000	1.000	0.250			
o37e	171.8	0.254	1.0	0.0	0.031	0.969	0.000	1.000	0.375			
o50e	180.0	0.186	1.0	0.0	0.487	0.513	0.000	1.000	0.500			
o62e	188.2	0.089	1.0	0.0	0.714	0.286	0.000	1.000	0.625			
o75e	196.1	0.0	1.0	0.06	0.522	0.478	0.000	1.000	0.750			
o87e	203.4	0.0	1.0	0.303	0.574	0.426	0.000	1.000	0.875			

KE950-7N, 2

Interpretation <i>rgb</i> -> <i>olv*</i> and CIELAB data of a 48 step device hue circle for a sRGB standard 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> : $h_{ab,a} = 25.0, 105.5, 140.5, 197.2, 297.3, 327.0$ 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: $L^* = 52.0, 57.4, 62.9, 68.3, 73.7, 79.1, 84.6, 90.0, 95.4$												
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	0.0	0.009	0.073	0.927	1.000	0.000	0.000	R		
o12y	36.6	1.0	0.014	0.0	0.886	0.114	1.000	0.125	0.000			
o25y	43.9	1.0	0.072	0.0	0.423	0.577	1.000	0.250	0.000			
o37y	51.8	1.0	0.181	0.0	0.551	0.449	1.000	0.375	0.000			
o50y	60.0	1.0	0.353	0.0	0.179	0.821	1.000	0.500	0.000	B		
o62y	68.2	1.0	0.581	0.0	0.352	0.648	1.000	0.625	0.000			
o75y	76.1	1.0	0.827	0.0	0.688	0.312	1.000	0.750	0.000			
o87y	83.4	0.963	1.0	0.0	0.703	0.297	1.000	0.875	0.000			
y00l=Y	90.0	0.811	1.0	0.0	0.488	0.512	1.000	1.000	0.000	J		
y12l	96.6	0.683	1.0	0.0	0.463	0.537	0.875	1.000	0.000			
y25l	103.9	0.572	1.0	0.0	0.574	0.426	0.750	1.000	0.000			
y37l	111.8	0.482	1.0	0.0	0.858	0.142	0.625	1.000	0.000			
y50l	120.0	0.414	1.0	0.0	0.315	0.685	0.500	1.000	0.000			
y62l	128.2	0.366	1.0	0.0	0.931	0.069	0.375	1.000	0.000			
y75l	136.1	0.335	1.0	0.0	0.682	0.318	0.250	1.000	0.000			
y87l	143.4	0.318	1.0	0.0	0.545	0.455	0.125	1.000	0.000			
o00e=L	150.0	0.311	1.0	0.0	0.492	0.508	0.000	1.000	0.000			
o12e	156.6	0.303	1.0	0.0	0.424	0.576	0.000	1.000	0.125			
o25e	163.9	0.281	1.0	0.0	0.25	0.75	0.000	1.000	0.250			
o37e	171.8	0.242	1.0	0.0	0.934	0.066	0.000	1.000	0.375			
o50e	180.0	0.18	1.0	0.0	0.438	0.562	0.000	1.000	0.500			
o62e	188.2	0.088	1.0	0.0	0.706	0.294	0.000	1.000	0.625			
o75e	196.1	0.0	1.0	0.058	0.539	0.461	0.000	1.000	0.750			
o87e	203.4	0.0	1.0	0.303	0.577	0.423	0.000	1.000	0.875			

KE951-3N, 2

Interpretation <i>rgb</i> -> <i>olv*</i> and CIELAB data of a 48 step device hue circle for a sRGB standard 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> : $h_{ab,a} = 21.9, 107.3, 142.4, 197.9, 293.8, 326.1$ 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: $L^* = 69.7, 72.9, 76.1, 79.3, 82.6, 85.8, 89.0, 92.2, 95.4$												
d_{Ma}	h_{rgb}	rgb^*Ma	<i>A1/A2</i>		<i>rgb</i> -> <i>olv*</i> _{Ma}		d_{Ma}	h_{rgb}	rgb^*Ma	<i>A1/A2</i>		<i>rgb</i> -> <i>olv*</i> _{Ma}
o00y=O	30.0	1.0	0.0	0.063	0.503	0.497	1.000	0.000	0.000			
o12z	36.6	1.0	0.0	0.039	0.313	0.687	1.000	0.125	0.000			
o25y	43.9	1.0	0.02	0.0	0.837	0.163	1.000	0.250	0.000			
o37y	51.8	1.0	0.124	0.0	0.009	0.991	1.000	0.375	0.000			
o50y	60.0	1.0	0.294	0.0	0.647	0.353	1.000	0.500	0.000			
o62y	68.2	1.0	0.535	0.0	0.721	0.279	1.000	0.625	0.000			
o75y	76.1	1.0	0.808	0.0	0.535	0.465	1.000	0.750	0.000			
o87y	83.4	0.954	1.0	0.0	0.631	0.369	1.000	0.875	0.000			
y00l=Y	90.0	0.786	1.0	0.0	0.285	0.715	1.000	1.000	0.000			
y12l	96.6	0.649	1.0	0.0	0.192	0.808	0.875	1.000	0.000			
y25l	103.9	0.535	1.0	0.0	0.28	0.72	0.750	1.000	0.000			
y37l	111.8	0.446	1.0	0.0	0.57	0.43	0.625	1.000	0.000			
y50l	120.0	0.381	1.0	0.0	0.046	0.954	0.500	1.000	0.000			
y62l	128.2	0.335	1.0	0.0	0.683	0.317	0.375	1.000	0.000			
y75l	136.1	0.306	1.0	0.0	0.45	0.55	0.250	1.000	0.000			
y87l	143.4	0.29	1.0	0.0	0.323	0.677	0.125	1.000	0.000			
l00c=L	150.0	0.284	1.0	0.0	0.273	0.727	0.000	1.000	0.000			
l12c	156.6	0.277	1.0	0.0	0.218	0.782	0.000	1.000	0.125			
l25c	163.9	0.259	1.0	0.0	0.075	0.925	0.000	1.000	0.250			
l37c	171.8	0.226	1.0	0.0	0.807	0.193	0.000	1.000	0.375			
l50c	180.0	0.171	1.0	0.0	0.37	0.63	0.000	1.000	0.500			
l62c	188.2	0.087	1.0	0.0	0.693	0.307	0.000	1.000	0.625			
l75c	196.1	0.0	1.0	0.054	0.567	0.433	0.000	1.000	0.750			
l87c	203.4	0.0	1.0	0.302	0.582	0.418	0.000	1.000	0.875			
o00v=V	210.0	1.0	1.0	0.652	0.787	0.213	0.000	1.000	1.000			
c12v	216.6	0.0	0.877	1.0	0.017	0.983	0.000	0.875	1.000			
c25v	223.9	0.0	0.382	1.0	0.059	0.941	0.000	0.750	1.000			
c37v	231.8	0.0	0.034	1.0	0.272	0.728	0.000	0.625	1.000			
c50v	240.0	0.165	0.0	1.0	0.676	0.324	0.000	0.500	1.000			
c62v	248.2	0.28	0.0	1.0	0.764	0.236	0.000	0.375	1.000			
c75v	256.1	0.344	0.0	1.0	0.249	0.751	0.000	0.250	1.000			
c87v	263.4	0.376	0.0	1.0	0.988	0.012	0.000	0.125	1.000			
v00m=M	270.0	0.389	0.0	1.0	0.891	0.109	0.000	0.000	1.000			
v12m	276.6	0.399	0.0	1.0	0.806	0.194	0.125	0.000	1.000			
v25m	283.9	0.426	0.0	1.0	0.594	0.406	0.250	0.000	1.000			
v37m	291.8	0.472	0.0	1.0	0.225	0.775	0.375	0.000	1.000			
v50m	300.0	0.539	0.0	1.0	0.69	0.31	0.500	0.000	1.000			
v62m	308.2	0.625	0.0	1.0	1.0	0.0	0.625	0.000	1.000			
v75m	316.1	0.727	0.0	1.0	0.183	0.817	0.750	0.000	1.000			
v87m	323.4	0.839	0.0	1.0	0.285	0.715	0.875	0.000	1.000			
m00o=M	330.0	0.955	0.0	1.0	0.358	0.642	1.000	0.000	1.000			
m12o	336.6	1.0	0.0	0.918	0.354	0.655	1.000	0.000	0.875			
m25o	343.9	1.0	0.0	0.761	0.088	0.912	1.000	0.000	0.750			
m37o	351.8	1.0	0.0	0.583	0.664	0.336	1.000	0.000	0.625			
m50o	360.0	1.0	0.0	0.406	0.252	0.748	1.000	0.000	0.500			
m62o	368.2	1.0	0.0	0.257	0.053	0.947	1.000	0.000	0.375			
m75o	376.1	1.0	0.0	0.149	0.195	0.805	1.000	0.000	0.250			
m87o	383.4	1.0	0.0	0.087	0.699	0.301	1.000	0.000	0.125			