

Interpretation $rgb \rightarrow olv^*$ 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 $OYL\bar{C}VM$: $h_{ab,a} = 31.9, 103.7, 137.6, 196.6, 302.8, 327.9$
comparison with four elementary hues $R\bar{J}GB$: $h_{ab,a} = 25.5, 92.3, 162.2, 271.7$, and C^*M^* = 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
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
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	0.500	0.000
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
i00c=L	150.0	0.352	1.0	0.0	0.813	0.187	0.000	1.000	0.000
i12c	156.6	0.34	1.0	0.0	0.719	0.281	0.000	1.000	0.125
i25c	163.9	0.311	1.0	0.0	0.489	0.511	0.000	1.000	0.250
i37c	171.8	0.262	1.0	0.0	0.095	0.905	0.000	1.000	0.375
i50c	180.0	0.19	1.0	0.0	0.518	0.482	0.000	1.000	0.500
i62c	188.2	0.09	1.0	0.0	0.18	0.82	0.000	1.000	0.625
i75c	196.1	0.0	1.0	0.061	0.513	0.487	0.000	1.000	0.750
i87c	203.4	0.0	1.0	0.304	0.572	0.428	0.000	1.000	0.875

KE950-3N, 2

Interpretation $rgb \rightarrow olv^*$ 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 $OYL\bar{C}VM$: $h_{ab,a} = 28.5, 104.4, 138.8, 196.8, 300.4, 327.6$
comparison with four elementary hues $R\bar{J}GB$: $h_{ab,a} = 25.5, 92.3, 162.2, 271.7$, and C^*M^* = 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
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
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
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
i00c=L	150.0	0.335	1.0	0.0	0.678	0.322	0.000	1.000	0.000
i12c	156.6	0.325	1.0	0.0	0.596	0.404	0.000	1.000	0.125
i25c	163.9	0.299	1.0	0.0	0.391	0.609	0.000	1.000	0.250
i37c	171.8	0.254	1.0	0.0	0.031	0.969	0.000	1.000	0.375
i50c	180.0	0.186	1.0	0.0	0.487	0.513	0.000	1.000	0.500
i62c	188.2	0.089	1.0	0.0	0.714	0.286	0.000	1.000	0.625
i75c	196.1	0.0	1.0	0.06	0.522	0.478	0.000	1.000	0.750
i87c	203.4	0.0	1.0	0.303	0.574	0.426	0.000	1.000	0.875

KE950-7N, 2

Interpretation $rgb \rightarrow olv^*$ 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 $OYL\bar{C}VM$: $h_{ab,a} = 25.0, 105.5, 140.5, 197.2, 297.3, 327.0$
comparison with four elementary hues $R\bar{J}GB$: $h_{ab,a} = 25.5, 92.3, 162.2, 271.7$, and C^*M^* = 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
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
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	0.388	0.612	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
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	0.36	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
i00c=L	150.0	0.311	1.0	0.0	0.492	0.508	0.000	1.000	0.000
i12c	156.6	0.303	1.0	0.0	0.424	0.576	0.000	1.000	0.125
i25c	163.9	0.281	1.0	0.0	0.25	0.75	0.000	1.000	0.250
i37c	171.8	0.242	1.0	0.0	0.934	0.066	0.000	1.000	0.375
i50c	180.0	0.18	1.0	0.0	0.438	0.562	0.000	1.000	0.500
i62c	188.2	0.088	1.0	0.0	0.706	0.294	0.000	1.000	0.625
i75c	196.1	0.0	1.0	0.058	0.539	0.461	0.000	1.000	0.750
i87c	203.4	0.0	1.0	0.303	0.577	0.423	0.000	1.000	0.875

KE951-3N, 2

Interpretation $rgb \rightarrow olv^*$ 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 $OYL\bar{C}VM$: $h_{ab,a} = 21.9, 107.3, 142.4, 197.9, 293.8, 326.1$
comparison with four elementary hues $R\bar{J}GB$: $h_{ab,a} = 25.5, 92.3, 162.2, 271.7$, and C^*M^* = 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	$A1/A2$	$rgb \rightarrow olv^*Ma$	d_{Ma}	h_{rgb}	rgb^*Ma	$A1/A2$	$rgb \rightarrow olv^*Ma$
o00y=O	30.0	1.0	0.0	0.063	0.503	0.497	1.000	0.000	0.000
o12y	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
i00c=L	150.0	0.284	1.0	0.0	0.273	0.727	0.000	1.000	0.000
i12c	156.6	0.277	1.0	0.0	0.218	0.782	0.000	1.000	0.125
i25c	163.9	0.259	1.0	0.0	0.075	0.925	0.000	1.000	0.250
i37c	171.8	0.226	1.0	0.0	0.807	0.193	0.000	1.000	0.375
i50c	180.0	0.171	1.0	0.0	0.37	0.63	0.000	1.000	0.500
i62c	188.2	0.087	1.0	0.0	0.693	0.307	0.000	1.000	0.625
i75c	196.1	0.0	1.0	0.054	0.567	0.433	0.000	1.000	0.750
i87c	203.4	0.0	1.0	0.302	0.582	0.418	0.000	1.000	0.875

KE951-7N, 2

TUB-test chart KE95; 48 step sRGB device hue circle
Interpretation $rgb \rightarrow olv^*$ and rgb^* data of colours Ma

input: $rgb \rightarrow olv^*$ `setrgbcolor`
output: no change compared to input