

Interpretation <i>rgb</i> -> <i>rgb*</i> and CIELAB data of a 48 step elementary hue circle for a sRGB standard display with the luminance reflection $L_r=5\%$ compared to the white reference (100%)																				
48 step elementary hue circle with hues: <i>R</i> : <i>G</i> : <i>B</i> : $h_{ab,a} = 25.5, 92.3, 162.2, 217.7$, and <i>C'</i> : <i>M'</i> : <i>Y</i> : $217.0, 328.6$ comparison with six device hues <i>O</i> : <i>Y</i> : <i>L</i> : <i>C</i> : <i>M</i> : <i>V</i> : $h_{ab,a} = 31.9, 103.7, 137.6, 196.6, 302.8, 327.9$ 9 step equidistant grey scale: $L^* = 26.8, 35.4, 44.0, 52.6, 61.1, 69.7, 78.3, 86.8, 95.4$																				
<i>u</i> * <i>M</i> _a	<i>h</i> _{rgb}	<i>o</i> <i>h</i> * <i>M</i> _a	<i>A</i> 1/ <i>A</i> 2		<i>rgb</i> -> <i>rgb</i> * <i>M</i> _a					<i>u</i> * <i>M</i> _a	<i>h</i> _{rgb}	<i>o</i> <i>h</i> * <i>M</i> _a	<i>A</i> 1/ <i>A</i> 2		<i>rgb</i> -> <i>rgb</i> * <i>M</i> _a					
r00j=R	30.0	1.0	0.0	0.204	0.636	0.364	1.000	0.000	0.000	O	c'00b=C'	210.0	0.0	0.893	1.0	0.144	0.856	0.000	1.000	1.000
r12j	36.6	1.0	0.135	0.0	0.921	0.079	1.000	0.125	0.000	c'12b	216.6	0.0	0.86	1.0	0.876	0.124	0.000	0.875	1.000	
r25j	43.9	1.0	0.33	0.0	0.357	0.643	1.000	0.250	0.000	c'25b	223.9	0.0	0.828	1.0	0.627	0.373	0.000	0.750	1.000	
r37j	51.8	1.0	0.443	0.0	0.456	0.544	1.000	0.375	0.000	c'37b	231.8	0.0	0.797	1.0	0.377	0.623	0.000	0.625	1.000	
r50j	60.0	1.0	0.533	0.0	0.733	0.267	1.000	0.500	0.000	c'50b	240.0	0.0	0.766	1.0	0.128	0.872	0.000	0.500	1.000	
r62j	68.2	1.0	0.613	0.0	0.099	0.901	1.000	0.625	0.000	c'62b	248.2	0.0	0.731	1.0	0.849	0.151	0.000	0.375	1.000	
r75j	76.1	1.0	0.69	0.0	0.483	0.517	1.000	0.750	0.000	c'75b	256.1	0.0	0.692	1.0	0.537	0.463	0.000	0.250	1.000	
r87j	83.4	1.0	0.768	0.0	0.854	0.146	1.000	0.875	0.000	c'87b	263.4	0.0	0.653	1.0	0.226	0.774	0.000	0.125	1.000	
j00g=J	90.0	1.0	0.855	0.0	0.158	0.842	1.000	1.000	0.000	b00m'=B	270.0	0.0	0.609	1.0	0.868	0.132	0.000	0.000	1.000	
j12g	96.6	1.0	0.965	0.0	0.277	0.723	0.875	1.000	0.000	b12m'	276.6	0.0	0.547	1.0	0.372	0.628	0.125	0.000	1.000	
j25g	103.9	0.906	1.0	0.0	0.25	0.75	0.750	1.000	0.000	b25m'	283.9	0.0	0.475	1.0	0.802	0.198	0.250	0.000	1.000	
j37g	111.8	0.761	1.0	0.0	0.085	0.915	0.625	1.000	0.000	b37m'	291.8	0.0	0.376	1.0	0.008	0.992	0.375	0.000	1.000	
j50g	120.0	0.573	1.0	0.0	0.586	0.414	0.500	1.000	0.000	b50m'	300.0	0.0	0.185	1.0	0.478	0.522	0.500	0.000	1.000	
j62g	128.2	0.236	1.0	0.0	0.888	0.112	0.375	1.000	0.000	b62m'	308.2	0.404	0.0	1.0	0.769	0.231	0.625	0.000	1.000	
j75g	136.1	0.0	1.0	0.395	0.836	0.164	0.250	1.000	0.000	b75m'	316.1	0.655	0.0	1.0	0.761	0.239	0.750	0.000	1.000	
j87g	143.4	0.0	1.0	0.581	0.352	0.648	0.125	1.000	0.000	b87m'	323.4	0.845	0.0	1.0	0.238	0.762	0.875	0.000	1.000	
g00c'=G	150.0	0.0	1.0	0.707	0.347	0.653	0.000	1.000	0.000	m'00r=M	330.0	1.0	0.0	0.985	0.881	0.119	1.000	0.000	1.000	
g12c'	156.6	0.0	1.0	0.783	0.736	0.264	0.000	1.000	0.125	m'12r	336.6	1.0	0.0	0.846	0.772	0.228	1.000	0.000	0.875	
g25c'	163.9	0.0	1.0	0.847	0.221	0.779	0.000	1.000	0.250	m'25r	343.9	1.0	0.0	0.737	0.895	0.105	1.000	0.000	0.750	
g37c'	171.8	0.0	1.0	0.903	0.779	0.221	0.000	1.000	0.375	m'37r	351.8	1.0	0.0	0.646	0.17	0.83	1.000	0.000	0.625	
g50c'	180.0	0.0	1.0	0.951	0.394	0.606	0.000	1.000	0.500	m'50r	360.0	1.0	0.0	0.564	0.514	0.486	1.000	0.000	0.500	
g62c'	188.2	0.0	1.0	0.999	0.008	0.992	0.000	1.000	0.625	m'62r	368.2	1.0	0.0	0.485	0.879	0.121	1.000	0.000	0.375	
g75c'	196.1	0.0	0.965	1.0	0.719	0.281	0.000	1.000	0.750	m'75r	376.1	1.0	0.0	0.405	0.242	0.758	1.000	0.000	0.250	
g87c'	203.4	0.0	0.929	1.0	0.432	0.568	0.000	1.000	0.875	m'87r	383.4	1.0	0.0	0.316	0.526	0.474	1.000	0.000	0.125	

KE910-3X, 2

Interpretation <i>rgb</i> -> <i>rgb*</i> and CIELAB data of a 48 step elementary hue circle for a sRGB standard display with the luminance reflection $L_r=10\%$ compared to the white reference (100%)																				
48 step elementary hue circle with hues: <i>R</i> : <i>G</i> : <i>B</i> : $h_{ab,a} = 25.5, 92.3, 162.2, 217.1$, and <i>C'</i> : <i>M'</i> : <i>Y</i> : $217.0, 328.6$ comparison with six device hues <i>O</i> : <i>Y</i> : <i>L</i> : <i>C</i> : <i>M</i> : <i>V</i> : $h_{ab,a} = 28.5, 104.4, 138.8, 196.8, 300.4, 327.6$ 9 step equidistant grey scale: $L^* = 38.0, 45.2, 52.3, 59.5, 66.7, 73.9, 81.1, 88.2, 95.4$																				
<i>u</i> * <i>M</i> _a	<i>h</i> _{rgb}	<i>o</i> <i>h</i> * <i>M</i> _a	<i>A</i> 1/ <i>A</i> 2		<i>rgb</i> -> <i>rgb</i> * <i>M</i> _a					<i>u</i> * <i>M</i> _a	<i>h</i> _{rgb}	<i>o</i> <i>h</i> * <i>M</i> _a	<i>A</i> 1/ <i>A</i> 2		<i>rgb</i> -> <i>rgb</i> * <i>M</i> _a					
r00j=R	30.0	1.0	0.0	0.147	0.179	0.821	1.000	0.000	0.000	O	c'00b=C'	210.0	0.0	0.896	1.0	0.165	0.835	0.000	1.000	1.000
r12j	36.6	1.0	0.243	0.0	0.059	0.941	1.000	0.125	0.000	c'12b	216.6	0.0	0.862	1.0	0.896	0.104	0.000	0.875	1.000	
r25j	43.9	1.0	0.383	0.0	0.934	0.066	1.000	0.250	0.000	c'25b	223.9	0.0	0.831	1.0	0.647	0.353	0.000	0.750	1.000	
r37j	51.8	1.0	0.477	0.0	0.186	0.814	1.000	0.375	0.000	c'37b	231.8	0.0	0.8	1.0	0.397	0.603	0.000	0.625	1.000	
r50j	60.0	1.0	0.555	0.0	0.557	0.443	1.000	0.500	0.000	c'50b	240.0	0.0	0.769	1.0	0.148	0.852	0.000	0.500	1.000	
r62j	68.2	1.0	0.629	0.0	0.969	0.031	1.000	0.625	0.000	c'62b	248.2	0.0	0.734	1.0	0.87	0.13	0.000	0.375	1.000	
r75j	76.1	1.0	0.699	0.0	0.406	0.594	1.000	0.750	0.000	c'75b	256.1	0.0	0.694	1.0	0.551	0.449	0.000	0.250	1.000	
r87j	83.4	1.0	0.773	0.0	0.818	0.182	1.000	0.875	0.000	c'87b	263.4	0.0	0.654	1.0	0.232	0.768	0.000	0.125	1.000	
j00g=J	90.0	1.0	0.854	0.0	0.169	0.831	1.000	1.000	0.000	b00m'=B	270.0	0.0	0.608	1.0	0.862	0.138	0.000	0.000	1.000	
j12g	96.6	1.0	0.958	0.0	0.336	0.664	0.875	1.000	0.000	b12m'	276.6	0.0	0.543	1.0	0.341	0.659	0.125	0.000	1.000	
j25g	103.9	0.92	1.0	0.0	0.36	0.64	0.750	1.000	0.000	b25m'	283.9	0.0	0.463	1.0	0.705	0.295	0.250	0.000	1.000	
j37g	111.8	0.761	1.0	0.0	0.244	0.756	0.625	1.000	0.000	b37m'	291.8	0.0	0.344	1.0	0.749	0.251	0.375	0.000	1.000	
j50g	120.0	0.607	1.0	0.0	0.856	0.144	0.500	1.000	0.000	b50m'	300.0	0.0	0.028	1.0	0.223	0.777	0.500	0.000	1.000	
j62g	128.2	0.309	1.0	0.0	0.475	0.525	0.375	1.000	0.000	b62m'	308.2	0.475	0.0	1.0	0.2	0.8	0.625	0.000	1.000	
j75g	136.1	0.0	1.0	0.382	0.943	0.057	0.250	1.000	0.000	b75m'	316.1	0.686	0.0	1.0	0.512	0.488	0.750	0.000	1.000	
j87g	143.4	0.0	1.0	0.579	0.37	0.63	0.125	1.000	0.000	b87m'	323.4	0.861	0.0	1.0	0.111	0.889	0.875	0.000	1.000	
g00c'=G	150.0	0.0	1.0	0.707	0.344	0.656	0.000	1.000	0.000	m'00r=M	330.0	1.0	0.0	0.979	0.834	0.166	1.000	0.000	1.000	
g12c'	156.6	0.0	1.0	0.784	0.732	0.268	0.000	1.000	0.125	m'12r	336.6	1.0	0.0	0.845	0.763	0.237	1.000	0.000	0.875	
g25c'	163.9	0.0	1.0	0.848	0.219	0.781	0.000	1.000	0.250	m'25r	343.9	1.0	0.0	0.738	0.904	0.096	1.000	0.000	0.750	
g37c'	171.8	0.0	1.0	0.902	0.781	0.219	0.000	1.000	0.375	m'37r	351.8	1.0	0.0	0.648	0.185	0.815	1.000	0.000	0.625	
g50c'	180.0	0.0	1.0	0.95	0.4	0.6	0.000	1.000	0.500	m'50r	360.0	1.0	0.0	0.565	0.517	0.483	1.000	0.000	0.500	
g62c'	188.2	0.0	1.0	0.998	0.019	0.981	0.000	1.000	0.625	m'62r	368.2	1.0	0.0	0.482	0.859	0.141	1.000	0.000	0.375	
g75c'	196.1	0.0	0.966	1.0	0.731	0.269	0.000	1.000	0.750	m'75r	376.1	1.0	0.0	0.397	0.176	0.824	1.000	0.000	0.250	
g87c'	203.4	0.0	0.931	1.0	0.448	0.552	0.000	1.000	0.875	m'87r	383.4	1.0	0.0	0.295	0.357	0.643	1.000	0.000	0.125	

KE910-7X, 2

Interpretation <i>rgb</i> -> <i>rgb</i> * and CIELAB data of a 48 step elementary hue circle for a sRGB standard display with the luminance reflection $L_r=20\%$ compared to the white reference (100%)																			
48 step elementary hue circle with hues: <i>R</i> : <i>G</i> : <i>B</i> : $h_{ab,a} = 25.5, 92.3, 162.2, 217.7$, and <i>C'</i> : <i>M'</i> : <i>Y</i> : $217.0, 328.6$ comparison with six device hues <i>O</i> : <i>Y</i> : <i>L</i> : <i>C</i> : <i>M</i> : <i>V</i> : $h_{ab,a} = 25.0, 105.5, 140.5, 197.2, 297.3, 327.0$ 9 step equidistant grey scale: $L^* = 52.0, 57.4, 62.9, 68.3, 73.7, 79.1, 84.6, 90.0, 95.4$																			
<i>u</i> * <i>M</i> _a	<i>h</i> _{rgb}	<i>o</i> <i>h</i> * <i>M</i> _a	<i>A</i> 1/ <i>A</i> 2	<i>rgb</i> -> <i>rgb</i> * <i>M</i> _a			<i>u</i> * <i>M</i> _a	<i>h</i> _{rgb}	<i>o</i> <i>h</i> * <i>M</i> _a	<i>A</i> 1/ <i>A</i> 2	<i>rgb</i> -> <i>rgb</i> * <i>M</i> _a								
r00j=R	30.0	1.0	0.044	0.0	0.645	0.355	1.000	0.000	0.000	c'00b=C'	210.0	0.0	0.9	1.0	0.202	0.798	0.000	1.000	1.000
r12j	36.6	1.0	0.311	0.0	0.515	0.485	1.000	0.125	0.000	c'12b	216.6	0.0	0.867	1.0	0.933	0.067	0.000	0.875	1.000
r25j	43.9	1.0	0.425	0.0	0.599	0.401	1.000	0.250	0.000	c'25b	223.9	0.0	0.835	1.0	0.683	0.317	0.000	0.750	1.000
r37j	51.8	1.0	0.512	0.0	0.902	0.098	1.000	0.375	0.000	c'37b	231.8	0.0	0.804	1.0	0.433	0.567	0.000	0.625	1.000
r50j	60.0	1.0	0.581	0.0	0.355	0.645	1.000	0.500	0.000	c'50b	240.0	0.0	0.773	1.0	0.183	0.817	0.000	0.500	1.000
r62j	68.2	1.0	0.647	0.0	0.821	0.179	1.000	0.625	0.000	c'62b	248.2	0.0	0.739	1.0	0.91	0.09	0.000	0.375	1.000
r75j	76.1	1.0	0.711	0.0	0.312	0.688	1.000	0.750	0.000	c'75b	256.1	0.0	0.697	1.0	0.576	0.424	0.000	0.250	1.000
r87j	83.4	1.0	0.779	0.0	0.772	0.228	1.000	0.875	0.000	c'87b	263.4	0.0	0.655	1.0	0.243	0.757	0.000	0.125	1.000
g00j=G	90.0	1.0	0.852	0.0	0.183	0.817	1.000	1.000	0.000	b00m'=B	270.0	0.0	0.606	1.0	0.851	0.149	0.000	0.000	1.000
j12j	96.6	1.0	0.947	0.0	0.421	0.579	0.875	1.000	0.000	b12m'	276.6	0.0	0.536	1.0	0.287	0.713	0.125	0.000	1.000
j25j	103.9	0.94	1.0	0.0	0.524	0.476	0.750	1.000	0.000	b25m'	283.9	0.0	0.442	1.0	0.533	0.467	0.250	0.000	1.000
j37j	111.8	0.81	1.0	0.0	0.479	0.521	0.625	1.000	0.000	b37m'	291.8	0.0	0.284	1.0	0.271	0.729	0.375	0.000	1.000
j50j	120.0	0.65	1.0	0.0	0.198	0.802	0.500	1.000	0.000	b50m'	300.0	0.29	0.0	1.0	0.681	0.319	0.500	0.000	1.000
j62j	128.2	0.397	1.0	0.0	0.18	0.82	0.375	1.000	0.000	b62m'	308.2	0.49	0.0	1.0	0.608	0.392	0.625	0.000	1.000
j75j	136.1	0.1	1.0	0.349	0.21	0.79	0.250	1.000	0.000	b75m'	316.1	0.728	0.0	1.0	0.176	0.824	0.750	0.000	1.000
j87j	143.4	0.1	1.0	0.575	0.402	0.598	0.125	1.000	0.000	b87m'	323.4	0.884	0.0	1.0	0.926	0.074	0.875	0.000	1.000
g00c'=G	150.0	0.1	0.708	0.338	0.662	0.000	1.000	0.000	0.000	m'00=M	330.0	1.0	0.0	0.97	0.756	0.244	1.000	0.000	1.000
g12c'	156.6	0.1	0.784	0.725	0.275	0.000	1.000	0.000	0.125	m'12r	336.6	1.0	0.0	0.843	0.747	0.253	1.000	0.000	0.875
g25c'	163.9	0.1	0.848	0.216	0.784	0.000	1.000	0.000	0.250	m'25r	343.9	1.0	0.0	0.74	0.918	0.082	1.000	0.000	0.750
g37c'	171.0	0.1	0.902	0.785	0.215	0.000	1.000	0.000	0.375	m'37r	351.8	1.0	0.0	0.651	0.207	0.793	1.000	0.000	0.625
g50c'	180.0	0.1	0.948	0.413	0.587	0.000	1.000	0.000	0.500	m'50r	360.0	1.0	0.0	0.565	0.522	0.478	1.000	0.000	0.500
g62c'	188.2	0.1	0.995	0.04	0.96	0.000	1.000	0.000	0.625	m'62r	368.2	1.0	0.0	0.479	0.829	0.171	1.000	0.000	0.375
g75c'	196.1	0.1	0.969	1.0	0.754	0.246	0.000	1.000	0.750	m'75r	376.1	1.0	0.0	0.385	0.078	0.922	1.000	0.000	0.250
g87c'	203.4	0.1	0.935	1.0	0.478	0.526	0.000	1.000	0.875	m'87r	383.4	1.0	0.0	0.262	0.1	0.9	1.000	0.000	0.125