

Interpretation $rgb \rightarrow r^*g^*b^*$ and CIELAB data of a 48 step elementary hue circle for a LEDC loss glossy display with the luminance reflection $Lr=5\%$ compared to the white reference (100%)
 48 step elementary hue circle with hues: $R:G:B = 25.5, 92.3, 162.2, 217.1$, and $C^*M^* = 217.0, 328.6$
 comparison with six device hues $OY\backslash V\backslash M\backslash H\backslash A\backslash B = 30.5, 102.3, 133.6, 197.0, 300.0, 326.0$
 9 step equidistant grey scale: $L^* = 26.6, 35.2, 43.8, 52.4, 61.0, 69.6, 78.2, 86.8, 95.4$

	a^*_{M50}	b^*_{M50}	a^*_{M50}	b^*_{M50}	$A2$	a^*_{H2}	b^*_{H2}	$rgb \rightarrow r^*g^*b^*$	$A2$	a^*_{H2}	b^*_{H2}	$rgb \rightarrow r^*g^*b^*$					
000	R	30.0	1.0	0.0	0.17	0.641	25.5	1.000 0.000 0.000	0	000	C	210.0	0.0	0.926	1.0	0.593 217.0	0.000 1.000 1.000
12	12	36.6	1.0	0.0	0.017	0.862	33.8	1.000 0.125 0.000	O	12	12	216.6	0.6	0.901	1.0	0.794 223.8	0.000 0.875 1.000
25	25	43.9	1.0	0.0	0.0	0.742	42.2	1.000 0.250 0.000	C	25	25	223.9	0.9	0.876	1.0	0.995 230.7	0.000 0.750 1.000
38	38	51.8	1.0	0.0	0.0	0.353	0.0	0.820 0.55	0	38	38	231.8	0.0	0.84	1.0	0.281 237.5	0.000 0.625 1.000
50	50	60.0	1.0	0.0	0.0	0.466	0.0	0.804 0.0	0	50	50	240.0	0.0	0.804	1.0	0.57 244.4	0.000 0.500 1.000
62	62	68.2	1.0	0.0	0.0	0.573	0.0	0.584 0.72	0	62	62	248.2	0.0	0.768	1.0	0.858 251.2	0.000 0.375 1.000
75	75	76.1	1.0	0.0	0.0	0.677	0.0	0.448 0.76	0	75	75	256.1	0.0	0.723	1.0	0.216 258.0	0.000 0.250 1.000
87	87	83.4	1.0	0.0	0.0	0.78	0.0	0.292 0.84	0	87	87	263.4	0.0	0.67	1.0	0.642 264.9	0.000 0.125 1.000
100	100	90.0	1.0	0.0	0.0	0.883	0.0	0.054 0.93	0	100	100	270.0	0.0	0.613	1.0	0.717 270.0	0.000 0.000 1.000
112	112	96.6	1.0	0.0	0.0	0.985	0.0	0.082 1.01	0	112	112	276.6	0.0	0.531	1.0	0.755 278.8	0.125 0.000 1.000
125	125	99.3	1.0	0.0	0.0	0.993	0.0	0.059 1.09	0	125	125	283.9	0.0	0.432	1.0	0.543 286.0	0.250 0.000 1.000
138	138	110.8	0.748	1.0	0.0	0.339	0.185	0.625 1.000	0	138	138	291.8	0.0	0.338	1.0	0.532 293.1	0.375 0.000 1.000
150	150	120.0	0.489	1.0	0.0	0.056	0.272	0.500 1.000	0	150	150	300.0	0.0	0.19	1.0	0.887 300.2	0.500 0.000 1.000
162	162	128.2	0.0	1.0	0.145	0.164	0.362	0.375 1.000	L	162	162	308.2	0.0	0.07	1.0	0.967 308.2	0.625 0.000 1.000
175	175	136.1	0.0	1.0	0.409	0.247	0.144	0.250 1.000	L	175	175	316.1	0.0	0.003	1.0	0.462 314.4	0.750 0.000 1.000
187	187	143.4	0.0	1.0	0.621	0.069	0.573	0.125 1.000	L	187	187	323.4	0.0	0.000	1.0	0.71 321.5	0.875 0.000 1.000
100	100	150.0	1.0	0.0	0.775	0.196	0.162	0.000 1.000	0	100	100	M330.0	1.0	0.0	0.974	0.21	0.386 1.000 1.000 1.000
112	112	156.6	1.0	0.0	0.865	0.92	1.001	0.000 1.000 1.025	0	112	112	336.6	1.0	0.0	0.888	0.895	0.337 1.000 1.000 0.875
125	125	163.9	1.0	0.0	0.903	0.226	0.759	0.000 1.000 1.250	0	125	125	343.9	1.0	0.0	0.766	0.875	0.342 1.000 1.000 0.750
138	138	171.8	1.0	0.0	0.935	0.479	0.102	0.000 1.000 1.375	0	138	138	351.8	1.0	0.0	0.641	0.871	0.349 1.000 1.000 0.625
150	150	180.0	1.0	0.0	0.967	0.733	0.186	0.000 1.000 1.500	0	150	150	360.0	1.0	0.0	0.529	0.876	0.370 1.000 1.000 0.500
162	162	188.2	1.0	0.0	0.998	0.987	0.196	0.000 1.000 1.625	0	162	162	368.2	1.0	0.0	0.431	0.554	0.42 1.000 1.000 0.375
175	175	196.1	0.961	0.976	1.0	0.191	0.203	0.000 1.000 1.750	0	175	175	376.1	1.0	0.0	0.329	0.189	0.113 1.000 1.000 0.250
187	187	203.4	0.4	0.951	1.0	0.392	0.211	0.000 1.000 0.875	0	187	187	383.4	1.0	0.0	0.231	0.095	0.184 1.000 1.000 0.125

LE030-3N, 2

Interpretation $rgb \rightarrow r^*g^*b^*$ and CIELAB data of a 48 step elementary hue circle for a LEDC loss glossy display with the luminance reflection $Lr=10\%$ compared to the white reference (100%)
 48 step elementary hue circle with hues: $R:G:B = 25.5, 92.3, 162.2, 217.1$, and $C^*M^* = 217.0, 328.6$
 comparison with six device hues $OY\backslash V\backslash M\backslash H\backslash A\backslash B = 30.5, 102.3, 133.6, 197.0, 300.0, 326.0$
 9 step equidistant grey scale: $L^* = 26.6, 35.2, 43.8, 52.4, 61.0, 69.6, 78.2, 86.8, 95.4$

	a^*_{M10}	b^*_{M10}	a^*_{M10}	b^*_{M10}	$A2$	a^*_{H2}	b^*_{H2}	$rgb \rightarrow r^*g^*b^*$	$A2$	a^*_{H2}	b^*_{H2}	$rgb \rightarrow r^*g^*b^*$					
000	R	30.0	1.0	0.0	0.138	0.899	25.5	1.000 0.000 0.000	O	000	C	210.0	0.0	0.928	1.0	0.58 217.0	0.000 1.000 1.000
12	12	36.6	1.0	0.0	0.014	0.314	33.8	1.000 0.125 0.000		12	12	216.6	0.6	0.903	1.0	0.778 223.8	0.000 0.875 1.000
25	25	43.9	1.0	0.0	0.0	0.286	0.422	1.000 0.250 0.000	C	25	25	223.9	0.9	0.884	1.0	0.977 230.7	0.000 0.750 1.000
38	38	51.8	1.0	0.0	0.0	0.402	0.0	0.214 0.55	0	38	38	231.8	0.0	0.843	1.0	0.257 237.5	0.000 0.625 1.000
50	50	60.0	1.0	0.0	0.0	0.503	0.0	0.023 0.80	0	50	50	240.0	0.0	0.779	1.0	0.57 244.4	0.000 0.500 1.000
62	62	68.2	1.0	0.0	0.0	0.6	0.0	0.799 0.72	0	62	62	248.2	0.0	0.77	1.0	0.873 251.2	0.000 0.375 1.000
75	75	76.1	1.0	0.0	0.0	0.693	0.0	0.546 0.76	0	75	75	256.1	0.0	0.726	1.0	0.193 258.0	0.000 0.250 1.000
87	87	83.4	1.0	0.0	0.0	0.619	0.0	0.296 0.84	0	87	87	263.4	0.0	0.671	1.0	0.632 264.9	0.000 0.125 1.000
100	100	90.0	1.0	0.0	0.0	0.881	0.0	0.047 0.93	0	100	100	270.0	0.0	0.612	1.0	0.108 271.0	0.000 0.000 1.000
112	112	96.6	1.0	0.0	0.0	0.977	0.0	0.014 1.01	0	112	112	276.6	0.0	0.525	1.0	0.797 278.8	0.125 0.000 1.000
125	125	99.3	1.0	0.0	0.0	0.981	0.0	0.011 1.09	0	125	125	283.9	0.0	0.418	1.0	0.656 286.0	0.250 0.000 1.000
138	138	110.8	0.748	1.0	0.0	0.003	0.185	0.625 1.000	0	138	138	291.8	0.0	0.278	1.0	0.78 293.1	0.375 0.000 1.000
150	150	120.0	0.489	1.0	0.0	0.013	0.273	0.500 1.000	0	150	150	300.0	0.0	0.033	1.0	0.26 300.2	0.500 0.000 1.000
162	162	128.2	0.0	1.0	0.059	0.472	0.163	0.375 1.000	L	162	162	308.2	0.0	0.047	1.0	0.736 307.3	0.625 0.000 1.000
175	175	136.1	0.0	1.0	0.396	0.167	0.144	0.250 1.000	L	175	175	316.1	0.0	0.001	1.0	0.765 314.4	0.750 0.000 1.000
187	187	143.4	0.0	1.0	0.619	0.094	0.535	0.125 1.000	L	187	187	323.4	0.0	0.0	1.0	0.275 321.5	0.875 0.000 1.000
100	100	150.0	1.0	0.0	0.775	0.2	0.162	0.000 1.000	0	100	100	M330.0	1.0	0.0	0.97	0.239 328.6	1.000 1.000 1.000
112	112	156.6	1.0	0.0	0.866	0.927	1.001	0.000 1.000 1.025	0	112	112	336.6	1.0	0.0	0.887	0.902 335.7	1.000 1.000 0.875
125	125	163.9	1.0	0.0	0.903	0.226	0.759	0.000 1.000 1.250	0	125	125	343.9	1.0	0.0	0.767	0.86 342.1	1.000 1.000 0.750
138	138	171.8	1.0	0.0	0.935	0.477	0.102	0.000 1.000 1.375	0	138	138	351.8	1.0	0.0	0.644	0.848 349.9	1.000 1.000 0.625
150	150	180.0	1.0	0.0	0.966	0.728	0.186	0.000 1.000 1.500	0	150	150	360.0	1.0	0.0	0.531	0.876 357.0	1.000 1.000 0.500
162	162	188.2	1.0	0.0	0.997	0.984	0.196	0.000 1.000 1.625	0	162	162	368.2	1.0	0.0	0.428	0.578 362.1	1.000 1.000 0.375
175	175	196.1	0.961	0.977	1.0	0.192	0.203	0.000 1.000 1.750	0	175	175	376.1	1.0	0.0	0.329	0.186 369.1	1.000 1.000 0.250
187	187	203.4	0.4	0.952	1.0	0.381	0.211	0.000 1.000 0.875	0	187	187	383.4	1.0	0.0	0.233	0.184 374.1	1.000 1.000 0.125

LE030-7N, 2

Interpretation $rgb \rightarrow r^*g^*b^*$ and CIELAB data of a 48 step elementary hue circle for a LEDC loss glossy display with the luminance reflection $Lr=20\%$ compared to the white reference (100%)
 48 step elementary hue circle with hues: $R:G:B = 25.5, 92.3, 162.2, 217.1$, and $C^*M^* = 217.0, 328.6$
 comparison with six device hues $OY\backslash V\backslash M\backslash H\backslash A\backslash B = 30.5, 104.5, 133.6, 197.0, 300.0, 325.4$
 9 step equidistant grey scale: $L^* = 51.9, 57.4, 62.8, 68.2, 73.7, 79.1, 84.5, 90.0, 95.4$

	a^*_{M20}	b^*_{M20}	a^*_{H2}	b^*_{H2}	$rgb \rightarrow r^*g^*b^*$	$A2$	a^*_{H2}	b^*_{H2}	$rgb \rightarrow r^*g^*b^*$							
000	R	30.0	1.0	0.0	0.04	0.68	25.5	1.000 0.000 0.000	0							
12	36.6	1.0	0.22	0.0	0.761 33.8	1.000 0.125 0.000	C	216.6	0.6	0.906	1.0	0.75 223.8	0.000 0.875 1.000			
25	43.9	1.0	0.0	0.0	0.347	0.0	0.770 42.2	1.000 0.250 0.000	O	25	223.9	0.9	0.892	1.0	0.945 230.7	0.000 0.750 1.000
38	51.8	1.0	0.440	0.0	0.59	50.5	1.000 0.375 0.000	0	38	231.8	0.0	0.849	1.0	0.211 237.5	0.000 0.625 1.000	
50	60.0	1.0	0.541	0.0	0.329	58.9	1.000 0.500 0.000	0	50	240.0	0.0	0.812	1.0	0.506 244.4	0.000 0.500 1.000	
62	68.2	1.0	0.629	0.0	0.033	67.2	1.000 0.625 0.000	0	62	248.2	0.0	0.775	1.0	0.801 251.2	0.000 0.500 1.000	
75	76.0	1.0	0.0	0.0	0.347	74.5	1.000 0.750 0.000	0	75	256.0	0.0	0.775	1.0	0.945 256.0	0.000 0.500 1.000	
87	83.4	1.0	0.794	0.0	0.354	84.0	1.000 0.875 0.000	0	87	263.4	0.0	0.673	1.0	0.635 264.4	0.000 0.125 1.000	
000+1	0.0	0.0	0.878	0.0	0.062	92.3	1.000 1.000 0.000	100m+	270.0	0.6	0.61	1.0	0.12 271.7	0.000 1.000 0.000		
125	96.6	1.0	0.965	0.0	0.74	101.1	0.875 1.000 0.000	b12m+	276.6	0.6	0.516	1.0	0.87 278.8	0.125 1.000 0.000		
250	109.5	0.933	1.0	0.0	0.535	109.0	0.750 1.000 0.000	b25m+	283.9	0.393	1.0	0.855	286.0	0.500 1.000 0.000		
378	118.1	0.793	1.0	0.0	0.652	118.5	0.625 1.000 0.000	b378	291.8	0.0	0.212	1.0	0.37 293.1	0.375 1.000 0.000		
506	121.0	0.537	1.0	0.0	0.652	121.0	0.500 1.000 0.000	b506	300.0	0.0	0.537	1.0	0.53 300.0	0.500 1.000 0.000		
628	122.8	0.912	1.0	0.0	0.457	136.0	0.375 1.000 0.000	b628	308.2	0.557	0.0	1.0	0.456 307.3	0.625 1.000 0.000		
756	136.1	0.0	1.0	0.371	0.964	144.7	0.250 1.000 0.000	b756	316.1	0.769	0.0	1.0	0.514 314.4	0.750 1.000 0.000		
878	145.4	0.0	1.0	0.614	0.994	153.5	0.125 1.000 0.000	b878	323.4	0.929	0.0	1.0	0.435 323.5	0.875 1.000 0.000		
000+C	0.0	0.0	0.776	0.0	0.027	162.2	0.000 1.000 0.000	m100	333.0	1.0	0.0	0.964	326.8	1.000 1.000 0.000		
125+1	150.9	1.0	0.0	0.0	0.965	150.9	0.000 1.000 0.125	m125	343.0	0.0	0.0	0.965	343.0	0.000 1.000 0.125		
250+1	163.0	1.0	0.903	0.923	0.979	163.0	0.000 1.000 0.000	m250	343.9	1.0	0.7	0.839	359.0	0.000 0.750 1.000		
378+1	171.8	1.0	0.934	0.472	1.018	168.0	0.000 1.000 0.375	m378	351.8	1.0	0.648	0.814	349.9	1.000 0.000 0.625		
506+1	180.0	1.0	0.965	0.719	1.098	0.000 1.000 0.500	m506	360.0	1.0	0.0	0.532	0.743	357.0	1.000 0.000 0.500		
628+1	188.2	1.0	0.0	0.0	0.965	188.2	0.000 1.000 0.000	m628	368.2	1.0	0.423	0.615	4.2	1.000 0.375 1.000		
756+1	198.0	0.0	0.979	1.0	0.965	198.0	0.000 1.000 0.750	m756	381.5	0.484	0.0	0.965	381.5	0.000 0.750 1.000		
878+1	203.4	0.0	0.955	1.0	0.361	201.1	0.000 1.000 0.875	m878	383.4	0.0	0.203	0.374	18.4	1.000 0.000 0.125		