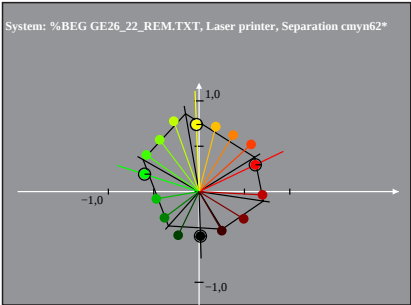
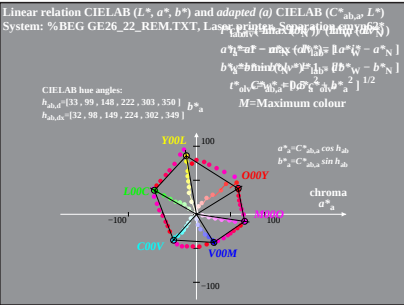




48 step device hue circle and 16 step elementary hue circle with equal CIELAB hue steps

KE050-4 X, 1												KE051-8 X, 1																											
no.	h_{ab}	L^*	a^*_a	b^*_a	no.	h_{ab}	L^*	a^*_a	b^*_a	no.	h_{ab}	L^*	a^*_a	b^*_a	no.	h_{ab}	L^*	a^*_a	b^*_a	no.	h_{ab}	L^*	a^*_a	b^*_a	no.	h_{ab}	L^*	a^*_a	b^*_a										
648	32.9	45.9	61.7	39.9	720	99.8	91.6	-14.8	85.7	72	149.6	56.8	-63.6	37.2	80	227.7	51.7	-34.0	-37.4	8	300.0	30.8	24.2	-41.8	656	350.8	45.3	70.7	-11.3										
657	44.5	52.3	56.0	55.1	639	100.9	93.4	-18.3	95.0	73	157.3	56.2	-62.3	25.9	71	231.2	50.9	-32.2	-40.1	89	308.7	30.6	31.4	-39.2	655	353.4	44.9	70.7	-8.0										
666	56.6	59.8	40.9	62.2	558	105.2	88.3	-23.8	87.7	74	165.1	56.4	-58.0	15.4	62	237.0	50.8	-28.5	-44.0	170	318.6	30.5	39.8	-35.0	654	359.8	44.6	69.2	-0.2										
675	66.4	65.7	29.5	67.7	477	113.4	80.2	-32.1	74.0	75	173.6	56.7	-54.5	6.0	53	245.6	48.0	-21.2	-47.0	251	326.2	32.0	45.9	-30.7	653	6.4	44.9	66.3	7.5										
684	75.5	71.5	18.7	72.9	396	121.4	73.5	-39.4	64.5	76	182.3	57.4	-49.6	-2.0	44	253.3	43.9	-14.0	-47.0	332	330.7	34.4	49.9	-27.9	652	12.2	44.4	64.2	13.9										
693	81.6	75.7	11.2	76.9	315	127.9	68.9	-45.0	57.6	77	193.5	57.2	-45.2	-10.9	35	263.5	38.9	-5.3	-47.2	413	336.0	37.2	54.6	-24.2	651	18.0	44.4	62.8	20.4										
702	90.0	82.4	0.0	79.7	234	137.1	63.8	-52.8	48.9	78	202.0	56.6	-42.2	-17.1	26	275.2	33.8	4.3	-47.4	494	341.3	39.1	60.1	-20.3	650	23.8	44.9	61.9	27.3										
711	95.0	86.6	-6.5	74.4	153	144.2	60.0	-58.5	42.1	79	212.8	55.0	-39.1	-25.2	17	288.7	33.4	15.0	-44.1	575	345.7	41.5	64.8	-16.4	649	29.3	45.4	61.7	34.7										
RJGB_{ton} : 25.4, 92.3, 162.2, 271.7												RJGB_{all} : 25.4												LAB*Nio : 15.0, 0.3, 1.3												LAB*Wio : 97.4, -1.0, 2.0			
640	569	520	491	469	472	485	484	484	527	621	690	678	590	451	352	336	355	X_t	Y_t	Z_t	L^*_t	a^*_t	b^*_t	$L^*_{t,a}$	$a^*_{t,a}$	$b^*_{t,a}$	$h_{ab,t}$												
338	335	597	1770	3755	5509	6585	7133	7395	7518	7574	7586	7591	7592	7602	7614	7610	7615	26.2	14.6	5.6	45.2	61.7	31.1	45.2	61.9	29.5	25.4												
335	250	216	190	181	173	179	188	222	314	551	865	1035	1002	836	695	671	702																						
675	661	1033	2496	4748	6680	7865	8474	8766	8903	8966	8974	8976	8974	8982	8994	8986	8987	32.1	19.7	3.3	51.5	57.0	53.6	51.5	57.3	52.0	42.2												
350	276	232	206	185	183	190	205	246	378	777	1440	1974	2146	2034	1882	1861	1905																						
1864	1846	2301	3837	5878	7445	8332	8763	8969	9065	9110	9112	9112	9104	9108	9120	9111	9113	39.3	30.2	4.6	61.8	37.1	64.0	61.8	37.5	62.3	58.9												
409	330	272	240	222	219	224	245	300	485	1067	2120	3108	3606	3662	3566	3565	3614																						
3572	3559	3987	5322	6926	8048	8643	8915	9050	9119	9152	9146	9139	9129	9134	9147	9134	9135	47.7	43.7	6.5	72.0	17.7	73.5	72.0	18.3	71.6	75.6												
866	736	629	568	537	527	544	591	709	1052	1980	3542	5067	5988	6324	6372	6409	6452																						
6421	6428	6684	7434	8219	8699	8937	9042	9101	9141	9159	9150	9141	9129	9132	9143	9132	9132	60.8	65.7	12.8	84.8	-3.7	75.9	84.8	-2.9	73.9	92.3												
416	358	301	276	259	263	278	318	418	738	1728	3602	5648	7018	7532	7471	7205	6868																						
6528	6311	6162	6075	5992	5934	5913	5900	5902	5935	5990	6018	6002	5964	5904	5853	5831	5878	48.7	63.0	10.5	83.4	-28.7	79.5	83.4	-27.9	77.6	109.7												
291	270	251	243	233	237	258	302	398	699	1613	3340	5125	6092	6139	5653	5025	4379																						
3800	3426	3202	3069	2953	2864	2820	2793	2785	2818	2892	2943	2928	2876	2792	2707	2689	2752	26.2	40.4	9.5	69.7	-44.0	58.9	69.7	-43.4	57.1	127.2												
246	230	248	241	237	243	271	323	439	767	1697	3336	4862	5478	5221	4514	3723	2956																						
2305	1895	1668	1537	1426	1340	1298	1274	1264	1293	1362	1414	1401	1356	1280	1206	1193	1256	14.7	28.1	9.5	59.9	-58.5	42.1	59.9	-58.1	40.4	145.1												
287	342	444	524	548	599	708	851	1053	1510	2522	3987	5084	5291	4808	3999	3159	2380																						
1749	1371	1170	1059	966	896	861	841	833	855	909	951	940	902	842	787	782	828	12.0	24.1	15.1	56.2	-60.4	20.9	56.2	-60.1	19.2	162.2												
576	826	1213	1564	1713	1927	2259	2586	2873	3357	4208	5187	5688	5513	4871	4004	3139	2349																						
1716	1341	1147	1039	951	885	853	833	825	844	893	930	919	884	828	778	774	823	14.7	25.3	31.9	57.4	-47.5	-6.3	57.4	-47.1	-8.0	189.6												
621	973	1617	2249	2545	2948	3554	4074	4385	4764	5289	5734	5747	5298	4523	3585	2685	1888																						
1277	935	766	676	608	557	532	519	512	524	560	589	583	554	515	481	485	519	14.2	22.5	44.8	54.5	-38.4	-27.1	54.5	-38.1	-28.7	217.0												
451	852	1667	2561	3028	3662	4642	5417	5667	5762	5717	5512	5129	4531	3718	2800	1955	1240																						
722	456	348	302	267	240	228	221	217	225	245	263	259	243	221	210	216	245	12.8	17.5	54.1	48.9	-23.3	-46.4	48.9	-23.0	-48.0	244.3												
374	648	1198	1824	2154	2595	3216	3580	3542	3377	3114	2805	2493	2105	1610	1131	773	499																						
303	218	219	267	291	284	275	268	263	272	293	311	307	289	265	247	251	284	8.2	8.4	33.8	34.9	1.4	-47.5	34.9	1.4	-49.0	271.7												
582	854	1292	1745	1973	2255	2603	2693	2502	2231	1908	1601	1360	1109	817	577	438	344																						
259	226	280	481	710	822	863	874	878	900	947	983	975	943	891	847	840	887	8.8	6.5	24.7	30.7	25.0	-41.6	30.7	25.0	-43.0	300.1												
1058	1272	1610	1885	2030	2188	2330	2237	1960	1640	1301	1014	819	647	462	338	294	276																						
243	232	350	877	1684	2239	2505	2616	2665	2721	2808	2866	2856	2810	2731	2652	2640	2707	14.0	7.9	20.5	33.9	49.1	-28.5	33.9	49.1	-30.0	328.6												
1671	1686	1746	1799	1840	1880	1890	1745	1511	1263	1012	795	648	513	370	284	271	286																						
273	274	514	1677	3678	5430	6492	7030	7284	7403	7458	7469	7473	7469	7475	7487	7480	7483	27.6	14.3	16.5	44.6	69.7	-2.0	44.6	69.8	-3.6	357.0												