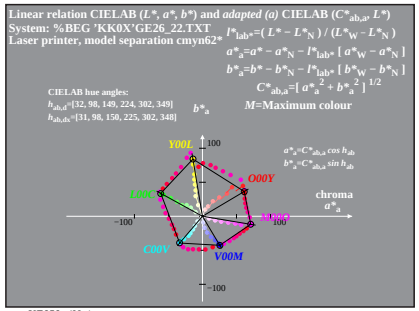
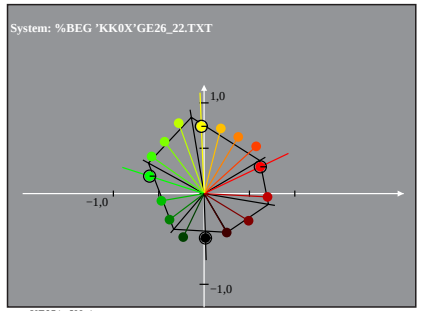


KE050−4N, 1



KE051−8N, 1

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

no.	$h_{ab,a}$	L^*	a^*_a	b^*_a	no.	$h_{ab,a}$	L^*	a^*_a	b^*_a	no.	$h_{ab,a}$	L^*	a^*_a	b^*_a	no.	$h_{ab,a}$	L^*	a^*_a	b^*_a	no.	$h_{ab,a}$	L^*	a^*_a	b^*_a	no.	$h_{ab,a}$	L^*	a^*_a	b^*_a
648	31.9	45.9	61.9	38.5	720	99.4	91.6	−13.9	83.9	72	150.5	56.8	−63.3	35.7	80	229.0	51.7	−33.7	−38.9	8	299.2	30.8	24.1	−43.1	656	349.7	45.3	70.9	−12.7
657	43.6	52.3	56.3	53.7	639	100.5	93.4	−17.4	93.2	73	158.4	56.2	−61.9	24.4	71	232.5	50.9	−31.9	−41.6	89	307.7	30.6	31.4	−40.5	655	352.3	44.9	70.9	−9.4
666	55.7	59.8	41.3	60.7	558	104.9	88.3	−23.0	86.0	74	166.4	56.4	−57.7	13.9	62	238.1	50.8	−28.2	−45.5	170	317.6	30.5	39.8	−36.3	654	358.6	44.6	69.4	−1.6
675	65.5	65.7	30.1	66.2	477	113.4	80.2	−31.4	72.3	75	175.1	56.7	−54.2	4.5	53	246.5	48.0	−21.0	−48.4	251	325.1	32.0	45.9	−32.0	653	5.2	44.9	66.5	6.1
684	74.8	71.5	19.3	71.2	396	121.7	73.5	−38.8	62.9	76	184.1	57.4	−49.3	−3.5	44	254.0	43.9	−13.8	−48.4	332	329.5	34.4	49.9	−29.3	652	11.0	44.4	64.3	12.5
693	80.9	75.7	11.9	75.2	315	128.3	68.9	−44.4	56.0	77	195.4	57.2	−44.8	−12.4	35	263.8	38.9	−5.2	−48.6	413	334.9	37.2	54.6	−25.5	651	16.8	44.4	62.9	19.0
702	89.4	82.4	0.7	78.0	234	137.8	63.8	−52.3	47.4	78	203.9	56.6	−41.9	−18.6	26	275.0	33.8	4.3	−48.7	494	340.1	39.1	60.2	−21.6	650	22.6	44.9	62.1	25.9
711	94.5	86.6	−5.7	72.7	153	145.0	60.0	−58.1	40.6	79	214.5	55.0	−38.8	−26.7	17	288.3	33.4	15.0	−45.4	575	344.6	41.5	64.9	−17.8	649	28.2	45.4	61.9	33.3

RJGB*$_{ton}$**, 25.4, 92.3, 162.2, 271.7 ***RJGB*$_{all}$:** 25.4 42.1 58.8 75.6 92.3 109.7 127.2 144.7 162.2 189.6 216.9 244.3 271.7 300.1 328.6 357.0 ***LAB*Nio: 13.0, 0.3, 1.1 ***LAB*Wio:*** 97.1, −0.9, 1.8

r00j=R	644	573	524	495	473	476	490	488	488	530	623	690	678	589	451	352	335	354	***X***	***Y***	***Z***	***L****	***a****	***b****	***L*$_a$***	***a*$_a$***	***b*$_a$***	***C*$_{ab,a}$***	***h$_{ab,a}$***
	338	335	597	1769	3754	5505	6580	7128	7389	7512	7567	7579	7585	7586	7596	7608	7603	7609	26.2	14.6	5.6	45.1	61.8	30.9	45.1	61.9	29.5	68.6	**25.4**
r25j	336	251	217	191	182	174	180	189	223	314	551	862	1031	997	831	691	667	698											
	670	656	1027	2489	4740	6671	7856	8466	8758	8895	8958	8966	8969	8966	8974	8986	8978	8979	32.0	19.7	3.3	51.5	57.1	53.5	51.5	57.4	52.1	77.5	**42.2**
r50j	350	276	232	206	185	183	190	205	246	378	775	1437	1969	2140	2028	1876	1855	1898											
	1858	1840	2294	3830	5872	7442	8330	8762	8968	9065	9110	9112	9112	9104	9108	9120	9110	9113	39.3	30.1	4.6	61.7	37.2	64.0	61.7	37.6	62.4	72.9	**58.9**
r75j	409	330	272	240	222	219	223	245	300	485	1066	2118	3105	3601	3656	3560	3559	3608											
	3566	3552	3981	5318	6923	8046	8642	8915	9050	9119	9151	9146	9139	9129	9134	9147	9134	9135	47.7	43.7	6.5	72.0	17.8	73.4	72.0	18.4	71.8	74.1	**75.6**
j00g=J	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	74.1	74.2	**92.3**
j25g	416	357	301	276	259	263	278	318	419	739	1728	3601	5646	7014	7526	7461	7194	6855											
	6513	6295	6145	6057	5974	5916	5895	5882	5884	5916	5971	6000	5984	5945	5886	5834	5812	5859	48.5	62.9	10.5	83.4	−28.7	79.4	83.4	−28.0	77.6	82.5	**109.8**
j50g	290	270	251	243	233	237	258	302	398	699	1613	3339	5123	6087	6133	5644	5016	4368											
	3788	3414	3190	3057	2941	2852	2808	2781	2773	2806	2880	2931	2916	2864	2780	2695	2677	2740	26.1	40.3	9.5	69.7	−44.1	58.8	69.7	−43.5	57.2	71.8	**127.2**
j75g	248	231	249	242	238	244	272	323	439	766	1695	3336	4868	5492	5240	4536	3747	2981											
	2330	1919	1692	1560	1449	1362	1320	1296	1286	1315	1385	1437	1424	1379	1302	1228	1215	1278	14.9	28.3	9.5	60.1	−58.2	42.4	60.1	−57.8	40.9	70.8	**144.7**
g00b=G	288	344	447	528	553	605	714	858	1062	1519	2531	3994	5088	5292	4808	3998	3158	2380											
	1749	1371	1170	1059	966	896	861	841	833	855	909	951	940	902	842	788	782	828	12.0	24.2	15.2	56.2	−60.4	20.7	56.2	−60.0	19.2	63.0	**162.2**
g25b	578	829	1218	1570	1720	1935	2268	2596	2884	3368	4217	5193	5690	5514	4870	4003	3138	2347											
	1715	1340	1146	1038	950	885	852	832	824	843	892	929	918	883	827	778	774	822	14.7	25.3	32.0	57.4	−47.4	−6.4	57.4	−47.0	−7.9	47.7	**189.6**
g50b	620	972	1617	2250	2548	2951	3559	4080	4391	4770	5293	5735	5746	5295	4520	3582	2682	1885											
	1274	932	764	673	605	554	530	517	510	522	558	586	581	552	513	478	483	517	14.2	22.4	44.8	54.5	−38.4	−27.2	54.5	−38.1	−28.7	47.7	**216.9**
g75b	451	851	1667	2560	3027	3661	4641	5415	5665	5759	5712	5506	5123	4526	3713	2796	1952	1238											
	720	455	347	302	267	240	228	221	217	225	245	263	259	243	221	210	216	245	12.8	17.5	54.0	48.9	−23.2	−46.4	48.9	−22.9	−47.9	53.1	**244.3**
b00r=B	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	1.5	−48.9	48.9	**271.7**
b25r	581	853	1291	1745	1973	2256	2605	2696	2506	2236	1913	1606	1365	1113	820	579	440	345											
	260	226	280	480	707	819	859	870	874	895	942	978	970	939	887	843	836	883	8.8	6.5	24.8	30.7	24.9	−41.6	30.7	24.9	−42.9	49.6	**300.1**
b50r	1051	1266	1604	1880	2025	2183	2326	2233	1956	1637	1298	1011	817	645	461	337	293	275											
	242	232	348	871	1670	2220	2482	2592	2640	2696	2782	2840	2830	2784	2705	2626	2614	2681	13.9	7.9	20.4	33.8	49.0	−28.6	33.8	49.0	−29.9	57.4	**328.6**
b75r	1679	1695	1756	1810	1852	1892	1902	1757	1520	1269	1016	797	649	514	371	284	271	286											
	273	274	515	1677	3679	5430	6491	7029	7282	7401	7456	7467	7471	7467	7473	7484	7477	7480	27.6	14.3	16.6	44.6	69.7	−2.2	44.6	69.9	−3.6	70.0	**357.0**

KE050−7N: Measurement: %BEG 'KK0X'GE26_22.TXTLaser printer, model separation cmyn62*