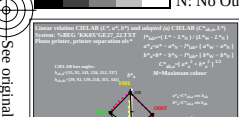
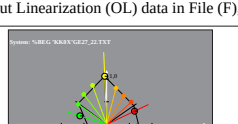
See original or copy: http://web.me.com/klaus.richter/KE01/KE01L0N1.TXT /.PS
Technical information: http://www.ps.bam.de or http://130.149.60.45/~farbmetrik

TUB registration: 20100301-KE01/KE01L0N1.TXT /.PS
application for evaluation and measurement of printer or monitor systems





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
648	34.9	34.5	59.5	41.6	720	92.5	84.3	−4.8	106.8	72	143.1	43.6	−62.5	46.9	80	226.7	52.2	−28.9	−30.8	8	311.9	13.4	51.3	−57.1	656
657	44.1	42.3	52.0	50.4	639	93.0	83.8	−5.5	106.1	73	155.4	45.8	−61.2	28.0	71	227.0	52.2	−28.8	−30.9	89	313.2	16.0	53.5	−57.0	655
666	55.7	50.6	41.2	60.5	558	98.8	79.4	−15.5	99.4	74	164.9	47.2	−57.6	15.4	62	234.2	49.9	−23.8	−33.1	170	315.4	18.9	56.1	−55.2	654
675	66.5	58.4	30.4	70.3	477	107.0	72.9	−27.4	89.5	75	175.1	48.2	−52.8	4.4	53	245.9	46.3	−16.2	−36.4	251	319.0	22.1	59.4	−51.5	653
684	76.7	66.4	19.1	81.2	396	115.0	66.5	−37.3	79.8	76	187.9	49.6	−46.7	−6.5	44	261.5	41.6	−6.0	−40.6	332	322.8	25.6	63.0	−47.8	652
693	83.8	73.3	9.8	90.7	315	122.3	61.0	−45.2	71.5	77	203.5	50.7	−39.5	−17.2	35	279.6	35.1	7.7	−45.9	413	327.6	29.6	67.8	−43.0	651
702	88.8	79.3	1.9	99.2	234	129.0	56.0	−52.0	64.2	78	217.4	51.7	−33.3	−25.5	26	294.0	28.1	22.7	−51.0	494	332.9	33.4	73.4	−37.4	650
711	92.4	84.1	−4.5	106.4	153	136.3	49.8	−58.2	55.6	79	225.5	52.2	−29.6	−30.1	17	304.6	20.7	38.1	−55.2	575	336.9	36.7	78.0	−33.2	649

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
720	92.5	84.3	−4.8	106.8	72	143.1	43.6	−62.5	46.9	80	226.7	52.2	−28.9	−30.8	8	311.9	13.4	51.3	−57.1	656	337.2	36.9	78.4	−32.8
639	93.0	83.8	−5.5	106.1	73	155.4	45.8	−61.2	28.0	71	227.0	52.2	−28.8	−30.9	89	313.2	16.0	53.5	−57.0	655	337.4	36.9	78.3	−32.6
558	98.8	79.4	−15.5	99.4	74	164.9	47.2	−57.6	15.4	62	234.2	49.9	−23.8	−33.1	170	315.4	18.9	56.1	−55.2	654	338.8	36.9	77.0	−29.8
477	107.0	72.9	−27.4	89.5	75	175.1	48.2	−52.8	4.4	53	245.9	46.3	−16.2	−36.4	251	319.0	22.1	59.4	−51.5	653	341.9	36.6	74.4	−24.2
396	115.0	66.5	−37.3	79.8	76	187.9	49.6	−46.7	−6.5	44	261.5	41.6	−6.0	−40.6	332	322.8	25.6	63.0	−47.8	652	347.3	36.3	71.2	−16.0
315	122.3	61.0	−45.2	71.5	77	203.5	50.7	−39.5	−17.2	35	279.6	35.1	7.7	−45.9	413	327.6	29.6	67.8	−43.0	651	354.6	35.8	68.1	−6.4
234	129.0	56.0	−52.0	64.2	78	217.4	51.7	−33.3	−25.5	26	294.0	28.1	22.7	−51.0	494	332.9	33.4	73.4	−37.4	650	3.9	35.5	65.2	4.5
153	136.3	49.8	−58.2	55.6	79	225.5	52.2	−29.6	−30.1	17	304.6	20.7	38.1	−55.2	575	336.9	36.7	78.0	−33.2	649	16.0	35.0	62.5	17.9

***RJGB*$_{lin}$.**	25.4,	92.3,	162.2,	271.7	***RJGB*$_{gl}$:**	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*:**	8.6,	0.9,	−6.9

r00j=R	450	522	474	530	606	508	407	291	246	237	237	240	236	203	151	112	90	82	***X***	***Y***	***Z***	***L****	***a****	***b****	***L*$_a$***	***a*$_a$***	***b*$_a$***	***C*$_{ab,a}$***	***h$_{ab,a}$***
	94	154	328	749	1570	2799	4185	5310	5959	6270	6431	6553	6731	6990	7331	7716	8080	8421	16.4	8.1	3.5	34.1	62.1	22.5	34.1	61.4	29.2	68.0	**25.4**
r25j	367	387	318	322	338	265	204	141	128	139	175	246	344	408	393	341	299	281											
	314	445	750	1340	2301	3561	4846	5792	6299	6536	6661	6769	6937	7182	7507	7869	8207	8522	19.7	11.2	2.1	39.9	54.9	42.5	39.9	54.2	49.2	73.2	**42.2**
r50j	419	442	364	378	406	332	265	193	181	208	282	453	759	1095	1266	1264	1208	1178											
	1254	1519	2022	2813	3864	5021	6013	6633	6936	7022	7177	7266	7414	7624	7900	8206	8479	8731	28.7	20.9	3.2	52.8	38.7	56.7	52.8	38.2	63.2	73.9	**58.8**
r75j	451	461	385	397	432	359	287	216	204	246	354	617	1158	1921	2549	2824	2880	2886											
	2990	3309	3849	4596	5453	6250	6829	7135	7278	7362	7435	7513	7646	7838	8085	8360	8593	8810	39.1	34.6	4.0	65.4	20.9	73.5	65.4	20.5	79.9	82.5	**75.5**
j00g=J	478	476	400	412	448	377	311	233	228	276	415	768	1572	2987	4726	6200	7120	7539											
	7676	7732	7709	7692	7684	7680	7676	7652	7650	7687	7740	7807	7923	8092	8307	8544	8741	8924	59.1	63.9	5.1	83.9	−4.0	99.9	83.9	−4.3	106.1	106.2	**92.3**
j25g	418	445	362	374	407	338	277	208	201	247	374	697	1442	2736	4260	5377	5819	5723											
	5352	4909	4422	3963	3549	3194	2905	2675	2507	2405	2365	2408	2571	2885	3362	3997	4744	5615	30.7	41.7	4.6	70.7	−30.6	79.8	70.7	−31.0	86.2	91.6	**109.8**
j50g	362	398	332	339	366	306	252	188	185	227	344	638	1304	2415	3578	4201	4167	3732											
	3160	2609	2097	1661	1305	1028	824	678	580	520	496	516	596	771	1075	1545	2193	3063	14.4	25.3	4.0	57.4	−49.8	59.7	57.4	−50.3	66.1	83.1	**127.2**
j75g	301	349	310	322	358	302	250	195	192	232	342	602	1157	1986	2683	2829	2499	1975											
	1448	1010	666	422	260	159	103	70	53	45	40	46	56	88	169	345	685	1280	5.6	13.6	3.7	43.6	−62.1	37.6	43.6	−62.7	44.2	76.7	**144.7**
g00b=G	575	746	751	924	968	1147	1045	885	869	968	1175	1569	2196	2880	3248	3104	2631	2051											
	1504	1053	700	445	278	173	112	78	58	49	46	49	61	95	178	359	705	1308	7.3	15.9	12.0	46.8	−58.3	12.3	46.8	−58.9	18.9	61.8	**162.1**
g25b	825	1190	1302	1787	2598	2752	2699	2434	2402	2511	2682	2974	3355	3648	3636	3267	2701	2089											
	1528	1072	714	457	285	177	116	81	61	51	47	51	62	98	182	364	710	1321	10.2	18.2	28.3	49.7	−45.4	−14.3	49.7	−45.9	−7.7	46.6	**189.5**
g50b	966	1467	1684	2472	3864	4322	4408	4099	4061	4110	4099	4111	4133	4077	3832	3351	2745	2120											
	1555	1094	731	470	294	184	119	83	62	52	48	51	64	98	183	363	716	1315	13.1	19.8	44.6	51.7	−32.9	−31.8	51.7	−33.5	−25.2	41.9	**217.0**
g75b	993	1497	1760	2616	4160	4686	4808	4454	4357	4280	4057	3798	3536	3248	2901	2474	2015	1571											
	1182	868	612	414	270	174	114	80	61	51	48	51	63	98	178	358	698	1298	12.4	15.9	46.8	46.8	−16.7	−42.5	46.8	−17.2	−35.9	39.9	**244.3**
b00r=B	937	1441	1685	2498	3914	4331	4349	3928	3728	3536	3184	2794	2499	2062	1728	1413	1127	882											
	690	549	431	324	230	156	107	76	58	49	45	48	60	94	172	349	687	1280	9.9	10.1	40.2	38.1	1.9	−50.1	38.1	1.3	−43.4	43.5	**271.7**
b25r	834	1305	1537	2242	3406	3627	3483	2979	2663	2348	1909	1467	1091	791	570	415	310	238											
	201	191	191	185	164	129	97	72	55	48	44	48	59	92	168	342	675	1263	6.5	4.1	29.6	24.2	31.8	−60.2	24.2	31.0	−53.4	61.7	**300.1**
b50r	1049	1618	1883	2767	4166	4206	3763	2937	2387	1893	1336	859	520	304	184	122	94	83											
	91	139	276	594	1169	1915	2567	2918	3022	3026	3031	3094	3272	3594	4076	4701	5418	6215	14.8	6.3	28.9	30.3	69.6	−48.7	30.3	68.8	−42.0	80.6	**328.6**
b75r	808	1107	1166	1513	2018	1904	1647	1262	1057	919	751	583	427	289	191	134	106	95											
	107	168	345	770	1599	2855	4297	5496	6220	6581	6768	6899	7074	7313	7624	7968	8290	8583	18.7	8.9	13.3	35.8	67.9	−10.1	35.8	67.2	−3.4	67.3	**357.0**

KE01I-7N: Measurement: %BEG 'KK8X'GE27_22.TXTPhoto printer, printer separation sRv*

TUB-test chart KE01; Photo printer output, use of grit G
16 step elementary hue circle and 16 spectral reflexions *R*

input: *w setgray*
output: no change compared to input

TUB material: code=fha4a