See original or copy: http://web.me.com/klaus.richter/KE06/KE06L0NP.PDF /.PS
Technical information: http://www.ps.bam.de or http://130.149.60.45/~farbmetrik

TUB registration: 20100301-KE06/KE06L0NP.PDF /.PS
application for evaluation and measurement of printer or monitor systems
TUB material: code=rha4ta

48 step circle with interpretation *rgb* −> *olv device hue steps of 1080 standard colours**

rgb −> *olv**	$h_{ab,a}$	*L**	a^*_a	b^*_a	*rgb* −> *olv**	$h_{ab,a}$	*L**	a^*_a	b^*_a	*rgb* −> *olv**	$h_{ab,a}$	*L**	a^*_a	b^*_a	*rgb* −> *olv**	$h_{ab,a}$	*L**	a^*_a	b^*_a	*rgb* −> *olv**	$h_{ab,a}$	*L**	a^*_a	b^*_a	*rgb* −> *olv**	$h_{ab,a}$	*L**	a^*_a	b^*_a
1.0 0.0 0.0	34.9	34.5	59.5	41.6	1.0 1.0 0.0	92.5	84.3	−4.8	106.8	0.0 1.0 0.0	143.1	43.6	−62.5	46.9	0.0 1.0 1.0	226.7	52.2	−28.9	−30.8	0.0 0.0 1.0	311.9	13.4	51.3	−57.1	1.0 0.0 1.0	337.2	36.9	78.4	−32.8
1.0 0.12 0.0	44.1	42.3	52.0	50.4	0.87 1.0 0.0	93.0	83.8	−5.5	106.1	0.0 1.0 0.12	155.4	45.8	−61.2	28.0	0.0 0.87 1.0	227.0	52.2	−28.8	−30.9	0.12 0.0 1.0	313.2	16.0	53.5	−57.0	1.0 0.0 0.87	337.4	36.9	78.3	−32.6
1.0 0.25 0.0	55.7	50.6	41.2	60.5	0.75 1.0 0.0	98.8	79.4	−15.5	99.4	0.0 1.0 0.25	164.9	47.2	−57.6	15.4	0.0 0.75 1.0	234.2	49.9	−23.8	−33.1	0.25 0.0 1.0	315.4	18.9	56.1	−55.2	1.0 0.0 0.75	338.8	36.9	77.0	−29.8
1.0 0.37 0.0	66.5	58.4	30.4	70.3	0.62 1.0 0.0	107.0	72.9	−27.4	89.5	0.0 1.0 0.37	175.1	48.2	−52.8	4.4	0.0 0.62 1.0	245.9	46.3	−16.2	−36.4	0.37 0.0 1.0	319.0	22.1	59.4	−51.5	1.0 0.0 0.62	341.9	36.6	74.4	−24.2
1.0 0.5 0.0	76.7	66.4	19.1	81.2	0.5 1.0 0.0	115.0	66.5	−37.3	79.8	0.0 1.0 0.5	187.9	49.6	−46.7	−6.5	0.0 0.5 1.0	261.5	41.6	−6.0	−40.6	0.5 0.0 1.0	322.8	25.6	63.0	−47.8	1.0 0.0 0.5	347.3	36.3	71.2	−16.0
1.0 0.62 0.0	83.8	73.3	9.8	90.7	0.37 1.0 0.0	122.3	61.0	−45.2	71.5	0.0 1.0 0.62	203.5	50.7	−39.5	−17.2	0.0 0.37 1.0	279.6	35.1	7.7	−45.9	0.62 0.0 1.0	327.6	29.6	67.8	−43.0	1.0 0.0 0.37	354.6	35.8	68.1	−6.4
1.0 0.75 0.0	88.8	79.3	1.9	99.2	0.25 1.0 0.0	129.0	56.0	−52.0	64.2	0.0 1.0 0.75	217.4	51.7	−33.3	−25.5	0.0 0.25 1.0	294.0	28.1	22.7	−51.0	0.75 0.0 1.0	332.9	33.4	73.4	−37.4	1.0 0.0 0.25	3.9	35.5	65.2	4.5
1.0 0.87 0.0	92.4	84.1	−4.5	106.4	0.12 1.0 0.0	136.3	49.8	−58.2	55.6	0.0 1.0 0.87	225.5	52.2	−29.6	−30.1	0.0 0.12 1.0	304.6	20.7	38.1	−55.2	0.87 0.0 1.0	336.9	36.7	78.0	−33.2	1.0 0.0 0.12	16.0	35.0	62.5	17.9

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: 8.6, 0.9, −6.9 ***LAB*Wio:*** 92.6, 0.1, −6.1

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
47	0	2	3	6	11	13	16	17	20	21	26	28	30	37	45
3.9 16.0	16.0 34.9	44.1 55.7	55.7 66.5	83.8 88.8	98.8 107.0	115.0 122.3	136.3 143.1	143.1 155.4	175.1 187.9	187.9 203.5	227.0 234.2	245.9 261.5	279.6 294.0	322.8 327.6	347.3 354.6
34.9 44.1	44.1 55.7	66.5 76.7	76.7 83.8	92.4 92.5	115.0 122.3	129.0 136.3	155.4 164.9	164.9 175.1	203.5 217.4	217.4 225.5	245.9 261.5	279.6 294.0	304.6 311.9	332.9 336.9	3.9 16.0
0.498	0.79	0.291	0.889	0.962	0.342	0.736	0.13	0.712	0.103	0.968	0.861	0.563	0.578	0.185	0.26
650 649	649 648	657 666	666 675	693 702	558 477	396 315	153 72	72 73	75 76	76 77	71 62	53 44	35 26	332 413	652 651
648 657	657 666	675 684	684 693	711 720	396 315	234 153	73 74	74 75	77 78	78 79	53 44	35 26	17 8	494 575	650 649
506 505	505 504	531 558	558 585	639 666	234 711	468 225	459 216	216 217	219 220	220 221	197 170	143 116	89 62	260 503	508 507
504 531	531 558	585 612	612 639	693 720	468 225	702 459	217 218	218 219	221 222	222 223	143 116	89 62	35 8	26 269	506 505

16 step elementary hue circle with intended elementary hues: $h_{ab,a}$ = 25.4, 92.3, 162.2, 271.7

																			X	*Y*	*Z*	*x*	*y*	*L**	*a**	*b**	L^*_a	a^*_a	b^*_a	$C^*_{ab,a}$	$h_{ab,a}$	*rgb* −> *rgb**
r00j=R	450	522	474	530	606	508	407	291	246	237	237	240	236	203	151	112	90	82														
	94	154	328	749	1570	2799	4185	5310	5959	6270	6431	6553	6731	6990	7331	7716	8080	8421	16.4	8.1	3.5	0.584	0.288	34.1	62.1	22.5	34.1	61.4	29.2	68.0	**25.4**	**1.00 0.00 0.00**
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	0.596	0.339	39.9	54.9	42.5	39.9	54.2	49.2	73.2	**42.2**	**1.00 0.25 0.00**
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	7082	7177	7266	7414	7624	7900	8206	8479	8731	28.7	20.9	3.2	0.543	0.395	52.8	38.7	56.7	52.8	38.2	63.2	73.9	**58.8**	**1.00 0.50 0.00**
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	0.502	0.444	65.4	20.9	73.5	65.4	20.5	79.9	82.5	**75.5**	**1.00 0.75 0.00**
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	0.46	0.498	83.9	−4.0	99.9	83.9	−4.3	106.1	106.2	**92.3**	**1.00 1.00 0.00**
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	0.398	0.541	70.7	−30.6	79.8	70.7	−31.0	86.2	91.6	**109.8**	**0.75 1.00 0.00**
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	0.328	0.578	57.4	−49.8	59.7	57.4	−50.3	66.1	83.1	**127.2**	**0.50 1.00 0.00**
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	0.245	0.591	43.6	−62.1	37.6	43.6	−62.7	44.2	76.7	**144.7**	**0.25 1.00 0.00**
g00b=G	575	746	751	924	1187	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	0.207	0.45	46.8	−58.3	12.3	46.8	−58.9	18.9	61.8	**162.1**	**0.00 1.00 0.00**
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	0.18	0.32	49.7	−45.4	−14.3	49.7	−45.9	−7.7	46.6	**189.5**	**0.00 1.00 0.50**
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	0.169	0.255	51.7	−32.9	−31.8	51.7	−33.5	−25.2	41.9	**217.0**	**0.00 1.00 1.00**
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	0.166	0.211	46.8	−16.7	−42.5	46.8	−17.2	−35.9	39.9	**244.3**	**0.00 0.50 1.00**
b00r=B	937	1441	1685	2498	3914	4331	4349	3928	3728	3536	3184	2794	2419	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	0.164	0.168	38.1	1.9	−50.1	38.1	1.3	−43.4	43.5	**271.7**	**0.00 0.00 1.00**
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	0.162	0.103	24.2	31.8	−60.2	24.2	31.0	−53.4	61.7	**300.1**	**0.50 0.00 1.00**
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	0.296	0.127	30.3	69.6	−48.7	30.3	68.8	−42.0	80.6	**328.6**	**1.00 0.00 1.00**
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	0.457	0.216	35.8	67.9	−10.1	35.8	67.2	−3.4	67.3	**357.0**	**1.00 0.00 0.50**

5 step equidistant grey scale with intended lightness: *L = 8.6, 29.6, 50.6, 71.6, 92.6**

n000w=N	256	293	256	268	285	226	174	122	108	111	124	148	172	170	140	105	78	64														
	59	66	83	105	116	109	91	71	55	49	44	49	63	97	178	354	697	1292	0.9	0.9	1.6	0.264	0.271	8.7	0.9	−6.9	**8.7**	0.0	0.0	0.0	1.2	**0.00 0.00 0.00**
n025w	633	845	854	1071	1370	1295	1144	921	844	846	872	925	969	932	815	677	562	480														
	448	470	530	591	613	576	502	424	361	321	304	319	377	508	750	1148	1733	2555	5.8	6.0	10.8	0.256	0.268	29.6	0.3	−13.9	**29.6**	−0.3	−7.1	7.1	266.8	**0.25 0.25 0.25**
n050w	1045	1428	1528	2080	2964	3038	2874	2474	2341	2349	2382	2466	2551	2509	2331	2096	1880	1713														
	1630	1658	1743	1822	1829	1744	1601	1447	1320	1235	1200	1232	1360	1621	2044	2639	3399	4330	17.6	19.0	27.8	0.273	0.294	50.7	−2.3	−11.9	**50.7**	−2.8	−5.4	6.1	242.2	**0.50 0.50 0.50**
n075w	1406	2029	2261	3372	5413	5989	5982	5386	5191	5179	5133	5150	5180	5086	4867	4587	4331	4119														
	3997	4012	4077	4142	4133	4032	3872	3694	3550	3458	3426	3478	3658	3991	4489	5122	5842	6626	40.6	43.2	58.5	0.285	0.303	71.7	−1.4	−11.4	**71.7**	−1.8	−5.0	5.3	250.0	**0.75 0.75 0.75**
n100w=W	1659	2405	2751	4408	7929	9462	9944	9281	9108	9078	8885	8765	8711	8621	8508	8372	8264	8155														
	8053	8018	7966	7948	7944	7945	7952	7963	8032	8149	8259	8348	8450	8576	8723	8879	9000	9108	78.1	82.2	98.6	0.301	0.317	92.6	0.1	−6.1	**92.6**	0.0	0.0	0.0	220.9	**1.00 1.00 1.00**

KE060−7N: Measurement: %BEG ’KK0X’GE27_22.TXTPhoto printer, printer separation olv*, Page 1/1

TUB-test chart KE06; Photo printer output, use of grit G
Reflexions R for 16 step elementary hue circle and 5 grey steps

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