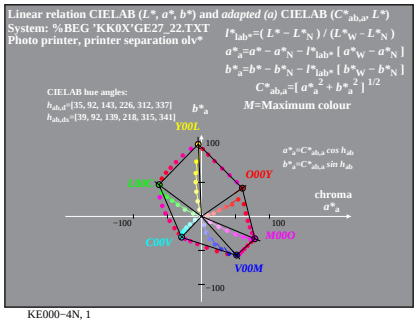
See original or copy: http://web.me.com/klaus.richter/KE00/KE00L0NP.PDF /.PS
Technical information: http://www.ps.bam.de or http://130.149.60.45/~farbmetrik

TUB registration: 20100301-KE00/KE00L0NP.PDF /.PS
application for evaluation and measurement of printer or monitor systems
TUB material: code=rha4ta



KE000−4N, 1

48 step device hue circle and
3 steps of a 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	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	337.2	36.9	78.4	−32.8
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	337.4	36.9	78.3	−32.6
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	338.8	36.9	77.0	−29.8
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	341.9	36.6	74.4	−24.2
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	347.3	36.3	71.2	−16.0
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	354.6	35.8	68.1	−6.4
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	3.9	35.5	65.2	4.5
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	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

no./Code	*R (380nm − 725nm)*																			*X*	*Y*	*Z*	*L**	*a**	*b**	L^*_a	a^*_a	b^*_a	$C^*_{ab,a}$	$h_{ab,a}$
505	587	731	704	833	1003	881	724	531	447	416	391	359	319	251	181	134	107	98												
	111	174	354	783	1612	2855	4264	5418	6100	6432	6607	6733	6908	7155	7483	7846	8187	8503		17.3	8.5	6.1	35.0	63.2	11.2	35.0	62.5	17.9	88.4	16.0
504	356	378	318	326	345	268	206	141	121	125	141	171	201	203	168	133	111	102												
	117	185	372	812	1646	2869	4227	5308	5917	6204	6351	6468	6646	6911	7259	7655	8029	8383		16.3	8.2	1.9	34.5	60.2	34.9	34.5	59.5	41.6	84.2	34.9
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	34.1	62.1	22.5	34.1	61.4	29.2	68.0	25.4
504	356	378	318	326	345	268	206	141	121	125	141	171	201	203	168	133	111	102												
	117	185	372	812	1646	2869	4227	5308	5917	6204	6351	6468	6646	6911	7259	7655	8029	8383		16.3	8.2	1.9	34.5	60.2	34.9	34.5	59.5	41.6	84.2	34.9
531	386	411	341	350	374	300	234	165	150	163	205	291	418	512	510	455	405	384												
	424	582	935	1583	2588	3856	5105	5996	6463	6682	6800	6904	7068	7304	7618	7965	8286	8584		21.3	12.7	2.4	42.3	52.6	43.8	42.3	52.0	50.4	73.6	44.1
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
558	418	436	359	375	399	326	259	188	175	199	267	420	685	960	1081	1058	999	969												
	1038	1284	1763	2535	3590	4784	5838	6517	6852	7012	7112	7203	7355	7569	7852	8165	8447	8705		27.0	18.9	3.0	50.6	41.8	53.9	50.6	41.2	60.5	58.3	55.7
585	423	457	376	384	423	348	279	205	194	228	319	532	942	1452	1787	1870	1840	1819												
	1908	2208	2750	3553	4556	5583	6405	6882	7111	7226	7310	7394	7534	7737	7997	8289	8542	8781		33.0	26.4	3.6	58.4	30.9	63.9	58.4	30.4	70.3	43.0	66.5
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	52.8	38.7	56.7	52.8	38.2	63.2	73.9	58.8

KE000−7N: Measurement: %BEG 'KK0X'GE27_22.TXTPhoto printer, printer separation olv*

TUB-test chart KE00; Photo printer output, use of grit G
16 step elementary hue circle and 3 spectral reflexions *R*

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