

Data of Maximum color M in colorimetric system laser printer with separation cmyn62*, D65 and D50 for input or output; Six hue angles of the 60 degree standard colours s: $h_{ab,s} = 30.0, 90.0, 150.0, 210.0, 270.0, 330.0$;
Six hue angles of the device colours d: $h_{ab,d} = 31.8, 99.5, 150.7, 229.2, 299.1, 349.6$; Six hue angles of the elementary colours e: $h_{ab,e} = 25.5, 92.3, 162.2, 217.0, 271.7, 328.6$

Y=J_d Yellow

$LCH^*_d = 91.6 \ 84.8 \ 99.4$
 $LAB^*_d = 91.6 \ -13.9 \ 83.6$
 $rgb^*_d = 1.0 \ 1.0 \ 0.0$

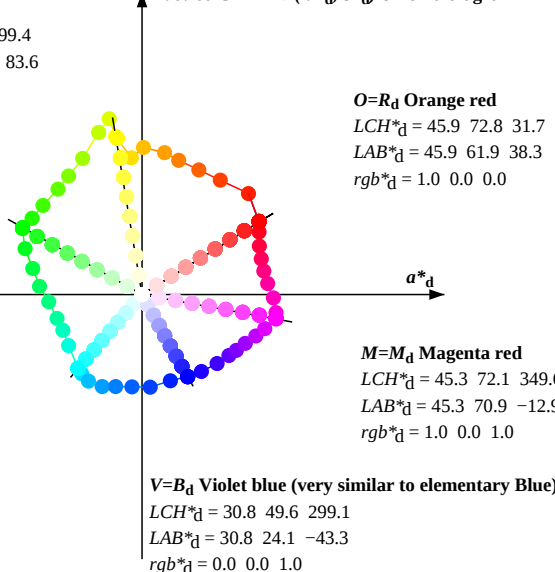
L=G_d Leaf green

$LCH^*_d = 56.8 \ 72.6 \ 150.6$
 $LAB^*_d = 56.8 \ -63.3 \ 35.5$
 $rgb^*_d = 0.0 \ 1.0 \ 0.0$

C=C_d Cyan blue

$LCH^*_d = 51.7 \ 51.7 \ 229.1$
 $LAB^*_d = 51.7 \ -33.7 \ -39.1$
 $rgb^*_d = 0.0 \ 1.0 \ 1.0$

device CIELAB (a^*_d , b^*_d) chroma diagram



O=R_d Orange red

$LCH^*_d = 45.9 \ 72.8 \ 31.7$
 $LAB^*_d = 45.9 \ 61.9 \ 38.3$
 $rgb^*_d = 1.0 \ 0.0 \ 0.0$

M=M_d Magenta red

$LCH^*_d = 45.3 \ 72.1 \ 349.6$
 $LAB^*_d = 45.3 \ 70.9 \ -12.9$
 $rgb^*_d = 1.0 \ 0.0 \ 1.0$

V=B_d Violet blue (very similar to elementary Blue)

$LCH^*_d = 30.8 \ 49.6 \ 299.1$
 $LAB^*_d = 30.8 \ 24.1 \ -43.3$
 $rgb^*_d = 0.0 \ 0.0 \ 1.0$

J_e Yellow

$LCH^*_e = 84.5 \ 75.2 \ 92.0$
 $LAB^*_e = 84.5 \ -2.6 \ 75.2$
 $rgb^*_e = 1.0 \ 0.812 \ 0.0$

G_e Green

$LCH^*_e = 56.3 \ 63.5 \ 162.0$
 $LAB^*_e = 56.3 \ -60.4 \ 19.6$
 $rgb^*_e = 0.0 \ 1.0 \ 0.177$

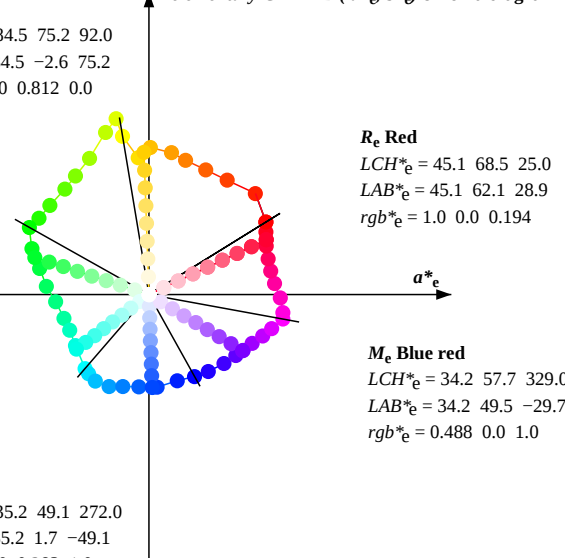
C_e Blue green

$LCH^*_e = 54.5 \ 47.9 \ 217.0$
 $LAB^*_e = 54.5 \ -38.3 \ -28.8$
 $rgb^*_e = 0.0 \ 1.0 \ 0.894$

B_e Blue

$LCH^*_e = 35.2 \ 49.1 \ 272.0$
 $LAB^*_e = 35.2 \ 1.7 \ -49.1$
 $rgb^*_e = 0.0 \ 0.283 \ 1.0$

elementary CIELAB (a^*_e , b^*_e) chroma diagram



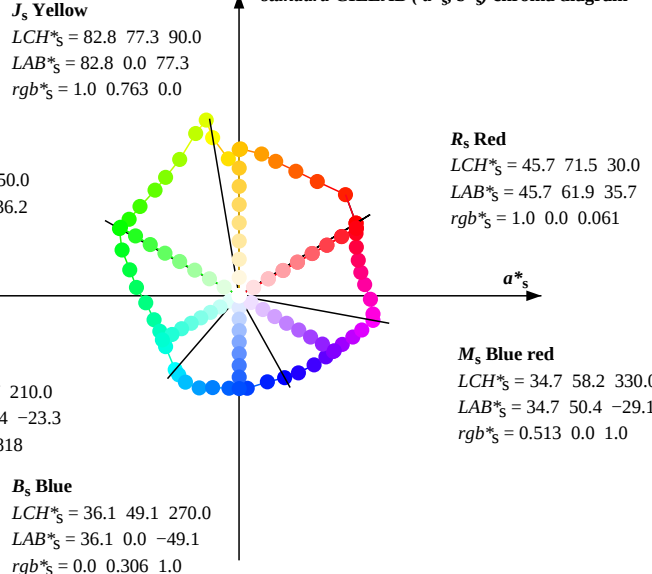
R_e Red

$LCH^*_e = 45.1 \ 68.5 \ 25.0$
 $LAB^*_e = 45.1 \ 62.1 \ 28.9$
 $rgb^*_e = 1.0 \ 0.0 \ 0.194$

M_e Blue red

$LCH^*_e = 34.2 \ 57.7 \ 329.0$
 $LAB^*_e = 34.2 \ 49.5 \ -29.7$
 $rgb^*_e = 0.488 \ 0.0 \ 1.0$

standard CIELAB (a^*_s , b^*_s) chroma diagram



J_s Yellow

$LCH^*_s = 82.8 \ 77.3 \ 90.0$
 $LAB^*_s = 82.8 \ 0.0 \ 77.3$
 $rgb^*_s = 1.0 \ 0.763 \ 0.0$

G_s Green

$LCH^*_s = 57.2 \ 72.4 \ 150.0$
 $LAB^*_s = 57.2 \ -62.7 \ 36.2$
 $rgb^*_s = 0.015 \ 1.0 \ 0.0$

C_s Blue green

$LCH^*_s = 55.7 \ 46.7 \ 210.0$
 $LAB^*_s = 55.7 \ -40.4 \ -23.3$
 $rgb^*_s = 0.0 \ 1.0 \ 0.818$

B_s Blue

$LCH^*_s = 36.1 \ 49.1 \ 270.0$
 $LAB^*_s = 36.1 \ 0.0 \ -49.1$
 $rgb^*_s = 0.0 \ 0.306 \ 1.0$

R_s Red

$LCH^*_s = 45.7 \ 71.5 \ 30.0$
 $LAB^*_s = 45.7 \ 61.9 \ 35.7$
 $rgb^*_s = 1.0 \ 0.0 \ 0.061$

M_s Blue red

$LCH^*_s = 34.7 \ 58.2 \ 330.0$
 $LAB^*_s = 34.7 \ 50.4 \ -29.1$
 $rgb^*_s = 0.513 \ 0.0 \ 1.0$

Notes to the CIELAB chroma diagrams (a^*_d , b^*_d), (a^*_s , b^*_s), (a^*_e , b^*_e)

- For the rgb^*_d -input values the CIELAB data LCH^*_d and LAB^*_d have been measured.
- For the calculation of the standard hue angle $h_{ab,s}$ use for any device values rgb^*_d the equation:
$$h_{ab,s} = \text{atan} [r^*_d \cos(30) + g^*_d \cos(150)] / [r^*_d \sin(30) + g^*_d \sin(150) + b^*_d \sin(270)] \quad (1)$$
- For the 48 or 360 equally spaced standard hue angles $h_{ab,s}$ of the colours of maximum chroma use the seven hue angles of the 60 degree colours s: $h_{ab,si} = 30.0, 90.0, 150.0, 210.0, 270.0, 330.0, 390.0$ ($i=0,6$) and the equations for a 48 and 360 step hue circle:
$$h_{48ab,sij} = h_{ab,si} + j [h_{ab,si+1} - h_{ab,si}] / 8 \quad (i = 0, 1, \dots, 5; j = 0, 1, \dots, 7) \quad (2)$$
$$h_{360ab,sij} = h_{ab,si} + j [h_{ab,si+1} - h_{ab,si}] / 60 \quad (i = 0, 1, \dots, 5; j = 0, 1, \dots, 59) \quad (3)$$
- For the 48 or 360 elementary hue angles $h_{ab,e}$ of the colours of maximum chroma use the seven hue angles of the elementary colours e: $h_{ab,ei} = 25.5, 92.3, 162.2, 217.0, 271.7, 328.6, 385.5$ ($i=0,6$) and the equations for a 48 and 360 step elementary hue circle:
$$h_{48ab,eij} = h_{ab,ei} + j [h_{ab,ei+1} - h_{ab,ei}] / 8 \quad (i = 0, 1, \dots, 5; j = 0, 1, \dots, 7) \quad (4)$$
$$h_{360ab,eij} = h_{ab,ei} + j [h_{ab,ei+1} - h_{ab,ei}] / 60 \quad (i = 0, 1, \dots, 5; j = 0, 1, \dots, 59) \quad (5)$$
- For any elementary hue angle $h_{ab,e}$ there is a well defined device hue angle $h_{ab,d}$ see the following tables, columns 1 to 3.
- The values rgb^*_d produce the output of the device-independent elementary hues

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Technical information: <http://www.ps.bam.de> or <http://130.149.60.45/~farbmetrik>

Data of Maximum color M in colorimetric system laser printer with separation cmyn62*, D65 and D50 for input or output; Six hue angles of the 60 degree standard colours s: $h_{ab,s} = 30.0, 90.0, 150.0, 210.0, 270.0, 330.0$;																																		
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$h_{ab,d}$	$h_{ab,s}$	$h_{ab,e}$	rgb^*_{dd50M}			$LAB^*_{dd50Mx} (x=LabCh)$			rgb^*_{ds50M}			$LAB^*_{ds50Mx} (x=LabCh)$			rgb^*_{s50M}			rgb^*_{de50M}			$LAB^*_{de50Mx} (x=LabCh)$			rgb^*_{e50M}			rgb^*							
31.8	30.0	25.5	1.0	0.0	0.0	46.0	61.9	38.4	72.8	31.8	1.0	0.0	0.061	45.7	62.0	35.8	71.5	30	1.0	0.0	0.0	1.0	0.0	0.195	45.2	62.1	29.0	68.6	25	1.0	0.0	0.0		
43.5	37.5	33.8	1.0	0.125	0.0	52.4	56.4	53.5	77.7	43.5	1.0	0.066	0.0	49.4	59.4	46.4	75.4	38	1.0	0.125	0.0	1.0	0.024	0.0	47.2	61.1	41.2	73.8	34	1.0	0.125	0.0		
55.7	45.0	42.2	1.0	0.25	0.0	59.9	41.3	60.5	73.3	55.7	1.0	0.14	0.0	53.3	54.6	54.6	77.2	45	1.0	0.25	0.0	1.0	0.109	0.0	51.5	57.3	51.6	77.1	42	1.0	0.25	0.0		
65.5	52.5	50.5	1.0	0.375	0.0	65.8	30.1	66.0	72.5	65.5	1.0	0.223	0.0	58.2	44.7	59.3	74.2	53	1.0	0.375	0.0	1.0	0.202	0.0	57.0	47.2	58.3	75.0	51	1.0	0.375	0.0		
74.8	60.0	58.9	1.0	0.5	0.0	71.6	19.3	71.1	73.7	74.8	1.0	0.305	0.0	62.5	36.5	63.2	72.9	60	1.0	0.5	0.0	1.0	0.292	0.0	61.9	37.6	62.6	73.0	59	1.0	0.5	0.0		
81.0	67.5	67.2	1.0	0.625	0.0	75.7	11.9	75.0	76.0	81.0	1.0	0.409	0.0	67.4	27.3	67.5	72.8	68	1.0	0.625	0.0	1.0	0.395	0.0	66.7	28.4	66.9	72.7	67	1.0	0.625	0.0		
89.5	75.0	75.6	1.0	0.75	0.0	82.4	0.7	77.8	77.8	89.5	1.0	0.504	0.0	71.7	19.1	71.2	73.7	75	1.0	0.75	0.0	1.0	0.524	0.0	72.4	17.9	71.9	74.1	76	1.0	0.75	0.0		
94.5	82.5	84.0	1.0	0.875	0.0	86.7	-5.7	72.5	72.7	94.5	1.0	0.655	0.0	77.3	9.3	75.8	76.4	83	1.0	0.875	0.0	1.0	0.67	0.0	78.1	8.0	76.2	76.6	84	1.0	0.875	0.0		
99.5	90.0	92.3	1.0	1.0	0.0	91.6	-13.8	83.7	84.8	99.5	1.0	0.763	0.0	82.9	0.0	77.3	77.3	90	1.0	1.0	0.0	1.0	0.812	0.0	84.5	-2.5	75.2	75.3	92	1.0	1.0	0.0		
100.6	97.5	101.1	0.875	1.0	0.0	93.5	-17.3	93.0	94.6	100.6	1.0	0.963	0.0	90.1	-11.2	80.4	81.2	98	0.875	1.0	0.0	0.864	1.0	0.0	93.0	-17.9	92.4	94.1	101	0.875	1.0	0.0		
105.0	105.0	109.8	0.75	1.0	0.0	88.4	-22.9	85.8	88.8	105.0	0.751	1.0	0.0	88.4	-22.9	85.8	88.9	105	0.75	1.0	0.0	0.677	1.0	0.0	83.6	-28.3	77.9	82.9	110	0.75	1.0	0.0		
113.6	112.5	118.5	0.625	1.0	0.0	80.2	-31.3	72.1	78.7	113.6	0.633	1.0	0.0	80.7	-30.9	73.0	79.3	113	0.625	1.0	0.0	0.542	1.0	0.0	75.8	-36.5	66.0	75.4	119	0.625	1.0	0.0		
121.8	120.0	127.3	0.5	1.0	0.0	73.5	-38.8	62.7	73.8	121.8	0.527	1.0	0.0	75.0	-37.3	64.8	74.8	120	0.5	1.0	0.0	0.403	1.0	0.0	70.0	-43.2	57.4	71.9	127	0.5	1.0	0.0		
128.5	127.5	136.0	0.375	1.0	0.0	69.0	-44.4	55.9	71.4	128.5	0.385	1.0	0.0	69.3	-44.0	56.4	71.6	128	0.375	1.0	0.0	0.276	1.0	0.0	65.0	-50.7	49.1	70.7	136	0.375	1.0	0.0		
138.0	135.0	144.7	0.25	1.0	0.0	63.9	-52.3	47.2	70.5	138.0	0.289	1.0	0.0	65.5	-50.0	50.1	70.8	135	0.25	1.0	0.0	0.128	1.0	0.0	60.1	-57.9	40.6	70.8	145	0.25	1.0	0.0		
145.2	142.5	153.5	0.125	1.0	0.0	60.0	-58.0	40.4	70.8	145.2	0.163	1.0	0.0	61.2	-56.4	42.6	70.7	143	0.125	1.0	0.0	0.0	1.0	0.037	56.7	-63.0	32.2	70.9	153	0.125	1.0	0.0		
150.7	150.0	162.2	0.0	1.0	0.0	56.9	-63.2	35.6	72.6	150.7	0.015	1.0	0.0	57.3	-62.6	36.2	72.4	150	0.0	1.0	0.0	0.0	1.0	0.178	56.3	-60.3	19.6	63.5	162	0.0	1.0	0.0		
158.6	157.5	169.1	0.0	1.0	0.125	56.2	-61.9	24.3	66.6	158.6	0.0	1.0	0.115	56.3	-62.1	25.1	67.0	158	0.0	1.0	0.125	0.0	1.0	0.284	56.6	-56.8	11.1	58.0	169	0.0	1.0	0.125		
166.6	165.0	175.9	0.0	1.0	0.25	56.5	-57.6	13.7	59.3	166.6	0.0	1.0	0.225	56.4	-58.6	15.7	60.8	165	0.0	1.0	0.25	0.0	1.0	0.384	56.8	-53.8	3.8	54.1	176	0.0	1.0	0.25		
175.4	172.5	182.8	0.0	1.0	0.375	56.8	-54.1	4.4	54.4	175.4	0.0	1.0	0.341	56.7	-55.2	6.8	55.8	173	0.0	1.0	0.375	0.0	1.0	0.481	57.3	-50.1	-2.5	50.2	183	0.0	1.0	0.375		
184.4	180.0	189.6	0.0	1.0	0.5	57.4	-49.2	-3.7	49.5	184.4	0.0	1.0	0.439	57.1	-51.8	0.0	51.9	180	0.0	1.0	0.5	0.0	1.0	0.562	57.3	-47.2	-8.2	48.1	190	0.0	1.0	0.5		
195.7	187.5	196.4	0.0	1.0	0.625	57.3	-44.8	-12.5	46.6	195.7	0.0	1.0	0.54	57.4	-48.0	-6.7	48.6	188	0.0	1.0	0.625	0.0	1.0	0.629	57.2	-44.7	-12.8	46.6	196	0.0	1.0	0.625		
204.2	195.0	203.3	0.0	1.0	0.75	56.6	-41.8	-18.7	46.0	204.2	0.0	1.0	0.617	57.3	-45.1	-12.0	46.8	195	0.0	1.0	0.75	0.0	1.0	0.732	56.7	-42.3	-17.9	46.1	203	0.0	1.0	0.75		
214.8	202.5	210.1	0.0	1.0	0.875	55.0	-38.8	-26.9	47.3	214.8	0.0	1.0	0.732	56.7	-42.3	-17.9	46.1	203	0.0	1.0	0.875	0.0	1.0	0.819	55.7	-40.4	-23.3	46.7	210	0.0	1.0	0.875		
229.2	210.0	217.0	0.0	1.0	1.0	51.7	-33.7	-39.0	51.7	229.2	0.0	1.0	0.819	55.7	-40.4	-23.3	46.7	210	0.0	1.0	1.0	0.0	1.0	0.894	54.5	-38.2	-28.8	48.0	217	0.0	1.0	1.0		
232.6	217.5	223.8	0.0	0.875	1.0	51.0	-31.9	-41.8	52.7	232.6	0.0	1.0	0.903	54.3	-38.0	-29.6	48.3	218	0.0	0.875	1.0	0.0	1.0	0.955	52.9	-36.0	-34.7	50.1	224	0.0	0.875	1.0		
238.3	225.0	230.7	0.0	0.75	1.0	50.9	-28.2	-45.6	53.8	238.3	0.0	1.0	0.964	52.7	-35.6	-35.6	50.4	225	0.0	0.75	1.0	0.0	1.0	0.934	51.0	-32.8	-40.5	52.2	231	0.0	0.75	1.0		
246.6	232.5	237.5	0.0	0.625	1.0	48.0	-21.0	-48.6	53.1	246.6	0.0	0.867	1.0	51.0	-31.6	-42.0	52.7	233	0.0	0.625	1.0	0.0	1.0	0.756	51.0	-28.4	-45.5	53.7	238	0.0	0.625	1.0		
254.1	240.0	244.4	0.0	0.5	1.0	44.0	-13.8	-48.6	50.6	254.1	0.0	0.724	1.0	50.3	-26.7	-46.3	53.6	240	0.0	0.5	1.0	0.0	1.0	0.664	51.0	-23.3	-47.8	53.3	244	0.0	0.5	1.0		
263.8	247.5	251.2	0.0	0.375	1.0	38.9	-5.2	-48.7	49.1	263.8	0.0	0.601	1.0	47.3	-19.6	-48.7	52.6	248	0.0	0.375	1.0	0.0	1.0	0.551	51.0	-16.7	-48.7	51.6	251	0.0	0.375	1.0		
275.0	255.0	258.0	0.0	0.25	1.0	33.8	4.3	-48.9	49.2	275.0	0.0	0.488	1.0	43.5	-13.0	-48.6	50.5	255	0.0	0.25	1.0	0.0	1.0	0.45	51.0	-10.3	-48.8	50.0	258	0.0	0.25	1.0		
288.2	262.5	264.9	0.0	0.125	1.0	33.4	15.0	-45.5	48.0	288.2	0.0	0.386	1.0	39.4	-5.9	-48.8	49.2	263	0.0	0.125	1.0	0.0	1.0	0.362	51.0	-4.2	-48.8	49.1	265	0.0	0.125	1.0		
299.1	270.0	271.7	0.0	0.0	1.0	30.8	24.1	-43.2	49.6	299.1	0.0	0.306	1.0	36.1	0.0	-49.0	49.1	270	0.0	0.0	1.0	0.0	1.0	0.284	51.0	35.2	1.7	-49.0	49.2	272	0.0	0.0	1.0	
307.6	277.5	278.8	0.125	0.0	1.0	30.6	31.4	-40.6	51.4	307.6	0.0	0.222	1.0	33.7	6.8	-48.3	48.9	278	0.125	0.0	1.0	0.0	1.0	0.212	51.0	33.7	7.6	-4						

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$h_{ab,d}$	$h_{ab,s}$	$h_{ab,e}$	$rgb^*_{dd361Mi}$	$LAB^*_{dd361Mix}(x=LabCh)$	$rgb^*_{ds361Mi}$	$LAB^*_{ds361Mix}(x=LabCh)$	rgb^*_{s50M}	$rgb^*_{de361Mi}$	$LAB^*_{de361Mix}(x=LabCh)$	rgb^*_{e50M}	rgb^*_{dd}	rgb^*_{ds}	rgb^*_{de}
31	30	25	1.0	0.0	0.027	45.9	61.9	37.2	72.3	31	1.0	0.0	0.0
32	31	27	1.0	0.002	0.0	46.1	61.8	38.6	72.9	32	1.0	0.002	0.0
33	32	28	1.0	0.013	0.0	46.6	61.5	39.9	73.3	33	1.0	0.013	0.0
34	33	29	1.0	0.024	0.0	47.2	61.1	41.2	73.8	34	1.0	0.024	0.0
35	34	30	1.0	0.034	0.0	47.7	60.8	42.5	74.2	35	1.0	0.034	0.0
36	35	31	1.0	0.045	0.0	48.3	60.3	43.8	74.6	36	1.0	0.045	0.0
37	36	32	1.0	0.056	0.0	48.8	59.9	45.1	75.0	37	1.0	0.056	0.0
38	37	33	1.0	0.066	0.0	49.4	59.4	46.4	75.4	38	1.0	0.066	0.0
39	38	34	1.0	0.077	0.0	49.9	58.9	47.7	75.8	39	1.0	0.077	0.0
40	39	36	1.0	0.088	0.0	50.5	58.4	49.0	76.3	40	1.0	0.088	0.0
41	40	37	1.0	0.098	0.0	51.0	57.9	50.3	76.7	41	1.0	0.098	0.0
42	41	38	1.0	0.109	0.0	51.5	57.3	51.6	77.1	42	1.0	0.109	0.0
43	42	39	1.0	0.12	0.0	52.1	56.7	52.9	77.5	43	1.0	0.12	0.0
44	43	40	1.0	0.13	0.0	52.7	55.8	53.9	77.5	44	1.0	0.13	0.0
45	44	41	1.0	0.14	0.0	53.3	54.6	54.6	77.2	45	1.0	0.14	0.0
46	45	42	1.0	0.151	0.0	53.9	53.3	55.2	76.8	46	1.0	0.151	0.0
47	46	43	1.0	0.161	0.0	54.5	52.1	55.9	76.4	47	1.0	0.161	0.0
48	47	44	1.0	0.171	0.0	55.1	50.9	56.5	76.1	48	1.0	0.171	0.0
49	48	46	1.0	0.182	0.0	55.8	49.7	57.1	75.7	49	1.0	0.182	0.0
50	49	47	1.0	0.192	0.0	56.4	48.4	57.7	75.3	50	1.0	0.192	0.0
51	50	48	1.0	0.202	0.0	57.0	47.2	58.3	75.0	51	1.0	0.202	0.0
52	51	49	1.0	0.212	0.0	57.6	45.9	58.8	74.6	52	1.0	0.212	0.0
53	52	50	1.0	0.223	0.0	58.2	44.7	59.3	74.2	53	1.0	0.223	0.0
54	53	51	1.0	0.233	0.0	58.9	43.4	59.8	73.9	54	1.0	0.233	0.0
55	54	52	1.0	0.243	0.0	59.5	42.2	60.2	73.5	55	1.0	0.243	0.0
56	55	53	1.0	0.254	0.0	60.1	41.0	60.7	73.2	56	1.0	0.254	0.0
57	56	54	1.0	0.267	0.0	60.7	39.8	61.4	73.2	57	1.0	0.267	0.0
58	57	56	1.0	0.28	0.0	61.3	38.7	62.0	73.1	58	1.0	0.28	0.0
59	58	57	1.0	0.292	0.0	61.9	37.6	62.6	73.0	59	1.0	0.292	0.0
60	59	58	1.0	0.305	0.0	62.5	36.5	63.2	72.9	60	1.0	0.305	0.0
61	60	59	1.0	0.318	0.0	63.1	35.3	63.7	72.9	61	1.0	0.318	0.0
62	61	60	1.0	0.331	0.0	63.7	34.2	64.3	72.8	62	1.0	0.331	0.0
63	62	61	1.0	0.343	0.0	64.3	33.0	64.8	72.7	63	1.0	0.343	0.0
64	63	62	1.0	0.356	0.0	64.9	31.8	65.3	72.6	64	1.0	0.356	0.0
65	64	63	1.0	0.369	0.0	65.5	30.7	65.8	72.6	65	1.0	0.369	0.0
66	65	64	1.0	0.382	0.0	66.1	29.5	66.3	72.6	66	1.0	0.382	0.0
67	66	66	1.0	0.395	0.0	66.7	28.4	66.9	72.7	67	1.0	0.395	0.0
68	67	67	1.0	0.409	0.0	67.4	27.3	67.5	72.8	68	1.0	0.409	0.0
69	68	68	1.0	0.422	0.0	68.0	26.1	68.1	73.0	69	1.0	0.422	0.0
70	69	69	1.0	0.436	0.0	68.6	25.0	68.7	73.1	70	1.0	0.436	0.0
71	70	70	1.0	0.449	0.0	69.2	23.8	69.2	73.2	71	1.0	0.449	0.0
72	71	71	1.0	0.462	0.0	69.8	22.7	69.7	73.3	72	1.0	0.462	0.0
73	72	72	1.0	0.476	0.0	70.5	21.5	70.2	73.4	73	1.0	0.476	0.0
74	73	73	1.0	0.489	0.0	71.1	20.3	70.7	73.6	74	1.0	0.489	0.0
75	74	74	1.0	0.504	0.0	71.7	19.1	71.2	73.7	75	1.0	0.504	0.0
76	75	76	1.0	0.524	0.0	72.4	17.9	71.9	74.1	76	1.0	0.524	0.0

OE330-7N, Page of series 3/20, RX0, D65, XYZnw=1.8, 1.9, 1.9, 88.0, 93.2, 98.2, LAB*_{nw}=15.0, 0.3, 1.3, 97.3, -0.9, 2.1, not adapted

Output: laser printer with separation cmyn62*, D65 and D50, page 3/20

TUB-test chart OE33; 48 and 360 step hue circles, Page 3/20
Data of laser printer HRS16_96, separation cmyn62*, D65 and D50

input: rgb^*_d setrgbcolor
output: $cmyn62^*_d = f_{62}(rgb^*_d)$

TUB registration: 20110301-OE33/OE33L0NA.TXT /PS
application for measurement of printer or monitor systems

TUB material: code=rha4ta

See original or copy: <http://web.me.com/klaus.richter/OE33/OE33L0NA.TXT> /PS
Technical information: <http://www.ps.bam.de> or <http://130.149.60.45/~farbmetrik>

Data of Maximum color M in colorimetric system laser printer with separation cmyn62*, D65 and D50 for input or output; Six hue angles of the 60 degree standard colours s: $h_{ab,s} = 30.0, 90.0, 150.0, 210.0, 270.0, 330.0$;
Six hue angles of the device colours d: $h_{ab,d} = 31.8, 99.5, 150.7, 229.2, 299.1, 349.6$; Six hue angles of the elementary colours e: $h_{ab,e} = 25.5, 92.3, 162.2, 217.0, 271.7, 328.6$

$h_{ab,d}$	$h_{ab,s}$	$h_{ab,e}$	$rgb^*_{dd361Mi}$	$LAB^*_{dd361Mix}(x=LabCh)$	$rgb^*_{ds361Mi}$	$LAB^*_{ds361Mix}(x=LabCh)$	rgb^*_{s50M}	$rgb^*_{de361Mi}$	$LAB^*_{de361Mix}(x=LabCh)$	rgb^*_{e50M}	rgb^*_{dd}	rgb^*_{ds}	rgb^*_{de}
76	75	76	1.0	0.524 0.0	72.4	17.9	71.9	74.1	76	1.0	0.75	0.0	
77	76	77	1.0	0.545 0.0	73.1	16.8	72.6	74.5	77	1.0	0.767	0.0	
78	77	78	1.0	0.565 0.0	73.7	15.6	73.2	74.9	78	1.0	0.783	0.0	
79	78	79	1.0	0.585 0.0	74.4	14.4	73.8	75.2	79	1.0	0.8	0.0	
80	79	80	1.0	0.606 0.0	75.1	13.1	74.5	75.6	80	1.0	0.817	0.0	
81	80	81	1.0	0.626 0.0	75.8	11.9	75.0	76.0	81	1.0	0.833	0.0	
82	81	82	1.0	0.64 0.0	76.6	10.6	75.4	76.2	82	1.0	0.85	0.0	
83	82	83	1.0	0.655 0.0	77.3	9.3	75.8	76.4	83	1.0	0.867	0.0	
84	83	85	1.0	0.67 0.0	78.1	8.0	76.2	76.6	84	1.0	0.883	0.0	
85	84	86	1.0	0.684 0.0	78.9	6.7	76.6	76.9	85	1.0	0.9	0.0	
86	85	87	1.0	0.699 0.0	79.7	5.4	76.9	77.1	86	1.0	0.917	0.0	
87	86	88	1.0	0.714 0.0	80.5	4.0	77.2	77.3	87	1.0	0.933	0.0	
88	87	89	1.0	0.728 0.0	81.3	2.7	77.5	77.5	88	1.0	0.95	0.0	
89	88	90	1.0	0.743 0.0	82.1	1.4	77.7	77.7	89	1.0	0.967	0.0	
90	89	91	1.0	0.763 0.0	82.9	0.0	77.3	77.3	90	1.0	0.983	0.0	
91	90	92	1.0	0.788 0.0	83.7	-1.2	76.3	76.3	91	1.0	0.0	0.0	J_s
92	91	93	1.0	0.812 0.0	84.5	-2.5	75.2	75.3	92	1.0	0.837	0.0	J_e
93	92	95	1.0	0.837 0.0	85.4	-3.8	74.2	74.3	93	1.0	0.887	0.0	
94	93	96	1.0	0.862 0.0	86.2	-5.0	73.1	73.3	94	1.0	0.912	0.0	
95	94	97	1.0	0.887 0.0	87.1	-6.3	73.6	73.8	95	1.0	0.937	0.0	
96	95	98	1.0	0.912 0.0	88.1	-7.9	75.9	76.3	96	1.0	0.963	0.0	
97	96	99	1.0	0.937 0.0	89.1	-9.5	78.2	78.8	97	1.0	0.988	0.0	
98	97	100	1.0	0.963 0.0	90.1	-11.2	80.4	81.2	98	1.0	0.941	1.0	0.0
99	98	102	1.0	0.988 0.0	91.1	-13.0	82.7	83.7	99	1.0	0.836	1.0	0.0
100	99	103	0.941	1.0 0.0	92.5	-15.4	88.1	89.4	100	1.0	0.807	1.0	0.0
101	100	104	0.864	1.0 0.0	93.0	-17.9	92.4	94.1	101	1.0	0.779	1.0	0.0
102	101	105	0.836	1.0 0.0	91.9	-19.2	90.8	92.8	102	1.0	0.751	1.0	0.0
103	102	106	0.807	1.0 0.0	90.7	-20.5	89.1	91.5	103	1.0	0.736	1.0	0.0
104	103	107	0.779	1.0 0.0	89.6	-21.7	87.5	90.2	104	1.0	0.721	1.0	0.0
105	104	109	0.751	1.0 0.0	88.4	-22.9	85.8	88.9	105	1.0	0.692	1.0	0.0
106	105	110	0.736	1.0 0.0	87.4	-24.1	84.3	87.7	106	1.0	0.677	1.0	0.0
107	106	111	0.721	1.0 0.0	86.5	-25.2	82.7	86.5	107	1.0	0.662	1.0	0.0
108	107	112	0.706	1.0 0.0	85.5	-26.3	81.1	85.3	108	1.0	0.648	1.0	0.0
109	108	113	0.692	1.0 0.0	84.6	-27.3	79.5	84.1	109	1.0	0.633	1.0	0.0
110	109	114	0.677	1.0 0.0	83.6	-28.3	77.9	82.9	110	1.0	0.618	1.0	0.0
111	110	116	0.662	1.0 0.0	82.7	-29.2	76.3	81.7	111	1.0	0.588	1.0	0.0
112	111	117	0.648	1.0 0.0	81.7	-30.1	74.6	80.5	112	1.0	0.573	1.0	0.0
113	112	118	0.633	1.0 0.0	80.7	-30.9	73.0	79.3	113	1.0	0.558	1.0	0.0
114	113	119	0.618	1.0 0.0	79.9	-31.8	71.6	78.4	114	1.0	0.542	1.0	0.0
115	114	120	0.603	1.0 0.0	79.0	-32.8	70.5	77.8	115	1.0	0.527	1.0	0.0
116	115	121	0.588	1.0 0.0	78.2	-33.7	69.4	77.2	116	1.0	0.512	1.0	0.0
117	116	123	0.573	1.0 0.0	77.4	-34.7	68.3	76.6	117	1.0	0.478	1.0	0.0
118	117	124	0.558	1.0 0.0	76.6	-35.6	67.1	76.0	118	1.0	0.459	1.0	0.0
119	118	125	0.542	1.0 0.0	75.8	-36.5	66.0	75.4	119	1.0	0.44	1.0	0.0
120	119	126	0.527	1.0 0.0	75.0	-37.3	64.8	74.8	120	1.0	0.422	1.0	0.0
121	120	127	0.512	1.0 0.0	74.2	-38.1	63.6	74.2	121	1.0	0.403	1.0	0.0

OE330-7N, Page of series 4/20, RX0, D65, XYZnw=1.8, 1.9, 1.9, 88.0, 93.2, 98.2, LAB*_{nw}=15.0, 0.3, 1.3, 97.3, -0.9, 2.1, not adapted

Output: laser printer with separation cmyn62*, D65 and D50, page 4/20

TUB-test chart OE33; 48 and 360 step hue circles, Page 4/20
Data of laser printer HRS16_96, separation cmyn62*, D65 and D50

input: rgb^*_d set rgb^*_d color
output: $cmyn62^*_d = f_{62}(rgb^*_d)$

TUB registration: 20110301-OE33/OE33L0NA.TXT /PS
application for measurement of printer or monitor systems

TUB material: code=rha4ta

Data of Maximum color M in colorimetric system laser printer with separation cmyn62*, D65 and D50 for input or output; Six hue angles of the 60 degree standard colours s: $h_{ab,s} = 30.0, 90.0, 150.0, 210.0, 270.0, 330.0$;
Six hue angles of the device colours d: $h_{ab,d} = 31.8, 99.5, 150.7, 229.2, 299.1, 349.6$; Six hue angles of the elementary colours e: $h_{ab,e} = 25.5, 92.3, 162.2, 217.0, 271.7, 328.6$

$h_{ab,d}$	$h_{ab,s}$	$h_{ab,e}$	rgb^*_d 361Mi	LAB^*_d 361Mix (x=LabCh)	rgb^*_s 361Mi	LAB^*_s 361Mix (x=LabCh)	rgb^*_e s50M	rgb^*_d 361Mi	LAB^*_d 361Mix (x=LabCh)	rgb^*_e s50M	rgb^*_d 361Mi	LAB^*_d 361Mix (x=LabCh)	rgb^*_e s50M	rgb^*_d 361Mi	LAB^*_d 361Mix (x=LabCh)	rgb^*_e s50M	rgb^*_d 361Mi	LAB^*_d 361Mix (x=LabCh)	rgb^*_e s50M	rgb^*_d 361Mi	LAB^*_d 361Mix (x=LabCh)	rgb^*_e s50M
121	120	127	0.512 1.0 0.0	74.2 -38.1 63.6 74.2 121	0.527 1.0 0.0	75.0 -37.3 64.8 74.8 120 0.5 1.0 0.0	0.403 1.0 0.0	70.0 -43.2 57.4 71.9 127 0.5 1.0 0.0	0.403 1.0 0.0	70.0 -43.2 57.4 71.9 127 0.5 1.0 0.0	0.403 1.0 0.0	70.0 -43.2 57.4 71.9 127 0.5 1.0 0.0	0.403 1.0 0.0	70.0 -43.2 57.4 71.9 127 0.5 1.0 0.0	0.403 1.0 0.0	70.0 -43.2 57.4 71.9 127 0.5 1.0 0.0	0.403 1.0 0.0	70.0 -43.2 57.4 71.9 127 0.5 1.0 0.0	0.403 1.0 0.0	70.0 -43.2 57.4 71.9 127 0.5 1.0 0.0	0.403 1.0 0.0	70.0 -43.2 57.4 71.9 127 0.5 1.0 0.0
122	121	128	0.496 1.0 0.0	73.4 -39.0 62.5 73.7 122	0.512 1.0 0.0	74.2 -38.1 63.6 74.2 121 0.483 1.0 0.0	0.385 1.0 0.0	69.3 -44.0 56.4 71.6 128 0.483 1.0 0.0	0.385 1.0 0.0	69.3 -44.0 56.4 71.6 128 0.483 1.0 0.0	0.385 1.0 0.0	69.3 -44.0 56.4 71.6 128 0.483 1.0 0.0	0.385 1.0 0.0	69.3 -44.0 56.4 71.6 128 0.483 1.0 0.0	0.385 1.0 0.0	69.3 -44.0 56.4 71.6 128 0.483 1.0 0.0	0.385 1.0 0.0	69.3 -44.0 56.4 71.6 128 0.483 1.0 0.0	0.385 1.0 0.0	69.3 -44.0 56.4 71.6 128 0.483 1.0 0.0	0.385 1.0 0.0	69.3 -44.0 56.4 71.6 128 0.483 1.0 0.0
123	122	130	0.478 1.0 0.0	72.7 -39.8 61.5 73.3 123	0.496 1.0 0.0	73.4 -39.0 62.5 73.7 122 0.467 1.0 0.0	0.355 1.0 0.0	68.2 -45.7 54.6 71.3 130 0.467 1.0 0.0	0.355 1.0 0.0	68.2 -45.7 54.6 71.3 130 0.467 1.0 0.0	0.355 1.0 0.0	68.2 -45.7 54.6 71.3 130 0.467 1.0 0.0	0.355 1.0 0.0	68.2 -45.7 54.6 71.3 130 0.467 1.0 0.0	0.355 1.0 0.0	68.2 -45.7 54.6 71.3 130 0.467 1.0 0.0	0.355 1.0 0.0	68.2 -45.7 54.6 71.3 130 0.467 1.0 0.0	0.355 1.0 0.0	68.2 -45.7 54.6 71.3 130 0.467 1.0 0.0	0.355 1.0 0.0	68.2 -45.7 54.6 71.3 130 0.467 1.0 0.0
124	123	131	0.459 1.0 0.0	72.1 -40.7 60.5 73.0 124	0.478 1.0 0.0	72.7 -39.8 61.5 73.3 123 0.45 1.0 0.0	0.342 1.0 0.0	67.7 -46.6 53.7 71.2 131 0.45 1.0 0.0	0.342 1.0 0.0	67.7 -46.6 53.7 71.2 131 0.45 1.0 0.0	0.342 1.0 0.0	67.7 -46.6 53.7 71.2 131 0.45 1.0 0.0	0.342 1.0 0.0	67.7 -46.6 53.7 71.2 131 0.45 1.0 0.0	0.342 1.0 0.0	67.7 -46.6 53.7 71.2 131 0.45 1.0 0.0	0.342 1.0 0.0	67.7 -46.6 53.7 71.2 131 0.45 1.0 0.0	0.342 1.0 0.0	67.7 -46.6 53.7 71.2 131 0.45 1.0 0.0	0.342 1.0 0.0	67.7 -46.6 53.7 71.2 131 0.45 1.0 0.0
125	124	132	0.44 1.0 0.0	71.4 -41.6 59.5 72.6 125	0.459 1.0 0.0	72.1 -40.7 60.5 73.0 124 0.433 1.0 0.0	0.329 1.0 0.0	67.1 -47.5 52.8 71.1 132 0.433 1.0 0.0	0.329 1.0 0.0	67.1 -47.5 52.8 71.1 132 0.433 1.0 0.0	0.329 1.0 0.0	67.1 -47.5 52.8 71.1 132 0.433 1.0 0.0	0.329 1.0 0.0	67.1 -47.5 52.8 71.1 132 0.433 1.0 0.0	0.329 1.0 0.0	67.1 -47.5 52.8 71.1 132 0.433 1.0 0.0	0.329 1.0 0.0	67.1 -47.5 52.8 71.1 132 0.433 1.0 0.0	0.329 1.0 0.0	67.1 -47.5 52.8 71.1 132 0.433 1.0 0.0	0.329 1.0 0.0	67.1 -47.5 52.8 71.1 132 0.433 1.0 0.0
126	125	133	0.422 1.0 0.0	70.7 -42.4 58.5 72.3 126	0.44 1.0 0.0	71.4 -41.6 59.5 72.6 125 0.417 1.0 0.0	0.316 1.0 0.0	66.6 -48.3 51.9 71.0 133 0.417 1.0 0.0	0.316 1.0 0.0	66.6 -48.3 51.9 71.0 133 0.417 1.0 0.0	0.316 1.0 0.0	66.6 -48.3 51.9 71.0 133 0.417 1.0 0.0	0.316 1.0 0.0	66.6 -48.3 51.9 71.0 133 0.417 1.0 0.0	0.316 1.0 0.0	66.6 -48.3 51.9 71.0 133 0.417 1.0 0.0	0.316 1.0 0.0	66.6 -48.3 51.9 71.0 133 0.417 1.0 0.0	0.316 1.0 0.0	66.6 -48.3 51.9 71.0 133 0.417 1.0 0.0	0.316 1.0 0.0	66.6 -48.3 51.9 71.0 133 0.417 1.0 0.0
127	126	134	0.403 1.0 0.0	70.0 -43.2 57.4 71.9 127	0.422 1.0 0.0	70.7 -42.4 58.5 72.3 126 0.4 1.0 0.0	0.303 1.0 0.0	66.0 -49.1 51.0 70.9 134 0.4 1.0 0.0	0.303 1.0 0.0	66.0 -49.1 51.0 70.9 134 0.4 1.0 0.0	0.303 1.0 0.0	66.0 -49.1 51.0 70.9 134 0.4 1.0 0.0	0.303 1.0 0.0	66.0 -49.1 51.0 70.9 134 0.4 1.0 0.0	0.303 1.0 0.0	66.0 -49.1 51.0 70.9 134 0.4 1.0 0.0	0.303 1.0 0.0	66.0 -49.1 51.0 70.9 134 0.4 1.0 0.0	0.303 1.0 0.0	66.0 -49.1 51.0 70.9 134 0.4 1.0 0.0	0.303 1.0 0.0	66.0 -49.1 51.0 70.9 134 0.4 1.0 0.0
128	127	135	0.385 1.0 0.0	69.3 -44.0 56.4 71.6 128	0.403 1.0 0.0	70.0 -43.2 57.4 71.9 127 0.383 1.0 0.0	0.289 1.0 0.0	65.5 -50.0 50.1 70.8 135 0.383 1.0 0.0	0.289 1.0 0.0	65.5 -50.0 50.1 70.8 135 0.383 1.0 0.0	0.289 1.0 0.0	65.5 -50.0 50.1 70.8 135 0.383 1.0 0.0	0.289 1.0 0.0	65.5 -50.0 50.1 70.8 135 0.383 1.0 0.0	0.289 1.0 0.0	65.5 -50.0 50.1 70.8 135 0.383 1.0 0.0	0.289 1.0 0.0	65.5 -50.0 50.1 70.8 135 0.383 1.0 0.0	0.289 1.0 0.0	65.5 -50.0 50.1 70.8 135 0.383 1.0 0.0	0.289 1.0 0.0	65.5 -50.0 50.1 70.8 135 0.383 1.0 0.0
129	128	137	0.369 1.0 0.0	68.7 -44.8 55.5 71.4 129	0.385 1.0 0.0	69.3 -44.0 56.4 71.6 128 0.367 1.0 0.0	0.263 1.0 0.0	64.4 -51.5 48.1 70.6 137 0.367 1.0 0.0	0.263 1.0 0.0	64.4 -51.5 48.1 70.6 137 0.367 1.0 0.0	0.263 1.0 0.0	64.4 -51.5 48.1 70.6 137 0.367 1.0 0.0	0.263 1.0 0.0	64.4 -51.5 48.1 70.6 137 0.367 1.0 0.0	0.263 1.0 0.0	64.4 -51.5 48.1 70.6 137 0.367 1.0 0.0	0.263 1.0 0.0	64.4 -51.5 48.1 70.6 137 0.367 1.0 0.0	0.263 1.0 0.0	64.4 -51.5 48.1 70.6 137 0.367 1.0 0.0	0.263 1.0 0.0	64.4 -51.5 48.1 70.6 137 0.367 1.0 0.0
130	129	138	0.355 1.0 0.0	68.2 -45.7 54.6 71.3 130	0.369 1.0 0.0	68.7 -44.8 55.5 71.4 129 0.35 1.0 0.0	0.25 1.0 0.0	63.9 -52.3 47.2 70.5 138 0.35 1.0 0.0	0.25 1.0 0.0	63.9 -52.3 47.2 70.5 138 0.35 1.0 0.0	0.25 1.0 0.0	63.9 -52.3 47.2 70.5 138 0.35 1.0 0.0	0.25 1.0 0.0	63.9 -52.3 47.2 70.5 138 0.35 1.0 0.0	0.25 1.0 0.0	63.9 -52.3 47.2 70.5 138 0.35 1.0 0.0	0.25 1.0 0.0	63.9 -52.3 47.2 70.5 138 0.35 1.0 0.0	0.25 1.0 0.0	63.9 -52.3 47.2 70.5 138 0.35 1.0 0.0	0.25 1.0 0.0	63.9 -52.3 47.2 70.5 138 0.35 1.0 0.0
131	130	139	0.342 1.0 0.0	67.7 -46.6 53.7 71.2 131	0.355 1.0 0.0	68.2 -45.7 54.6 71.3 130 0.333 1.0 0.0	0.232 1.0 0.0	63.4 -53.1 46.3 70.5 139 0.333 1.0 0.0	0.232 1.0 0.0	63.4 -53.1 46.3 70.5 139 0.333 1.0 0.0	0.232 1.0 0.0	63.4 -53.1 46.3 70.5 139 0.333 1.0 0.0	0.232 1.0 0.0	63.4 -53.1 46.3 70.5 139 0.333 1.0 0.0	0.232 1.0 0.0	63.4 -53.1 46.3 70.5 139 0.333 1.0 0.0	0.232 1.0 0.0	63.4 -53.1 46.3 70.5 139 0.333 1.0 0.0	0.232 1.0 0.0	63.4 -53.1 46.3 70.5 139 0.333 1.0 0.0	0.232 1.0 0.0	63.4 -53.1 46.3 70.5 139 0.333 1.0 0.0
132	131	140	0.329 1.0 0.0	67.1 -47.5 52.8 71.1 132	0.342 1.0 0.0	67.7 -46.6 53.7 71.2 131 0.317 1.0 0.0	0.215 1.0 0.0	62.8 -54.0 45.4 70.6 140 0.317 1.0 0.0	0.215 1.0 0.0	62.8 -54.0 45.4 70.6 140 0.317 1.0 0.0	0.215 1.0 0.0	62.8 -54.0 45.4 70.6 140 0.317 1.0 0.0	0.215 1.0 0.0	62.8 -54.0 45.4 70.6 140 0.317 1.0 0.0	0.215 1.0 0.0	62.8 -54.0 45.4 70.6 140 0.317 1.0 0.0	0.215 1.0 0.0	62.8 -54.0 45.4 70.6 140 0.317 1.0 0.0	0.215 1.0 0.0	62.8 -54.0 45.4 70.6 140 0.317 1.0 0.0	0.215 1.0 0.0	62.8 -54.0 45.4 70.6 140 0.317 1.0 0.0
133	132	141	0.316 1.0 0.0	66.6 -48.3 51.9 71.0 133	0.329 1.0 0.0	67.1 -47.5 52.8 71.1 132 0.3 1.0 0.0	0.198 1.0 0.0	62.3 -54.8 44.4 70.6 141 0.3 1.0 0.0	0.198 1.0 0.0	62.3 -54.8 44.4 70.6 141 0.3 1.0 0.0	0.198 1.0 0.0	62.3 -54.8 44.4 70.6 141 0.3 1.0 0.0	0.198 1.0 0.0	62.3 -54.8 44.4 70.6 141 0.3 1.0 0.0	0.198 1.0 0.0	62.3 -54.8 44.4 70.6 141 0.3 1.0 0.0	0.198 1.0 0.0	62.3 -54.8 44.4 70.6 141 0.3 1.0 0.0	0.198 1.0 0.0	62.3 -54.8 44.4 70.6 141 0.3 1.0 0.0	0.198 1.0 0.0	62.3 -54.8 44.4 70.6 141 0.3 1.0 0.0
134	133	142	0.303 1.0 0.0	66.0 -49.1 51.0 70.9 134	0.316 1.0 0.0	66.6 -48.3 51.9 71.0 133 0.283 1.0 0.0	0.18 1.0 0.0	61.7 -55.6 43.5 70.7 142 0.283 1.0 0.0	0.18 1.0 0.0	61.7 -55.6 43.5 70.7 142 0.283 1.0 0.0	0.18 1.0 0.0	61.7 -55.6 43.5 70.7 142 0.283 1.0 0.0	0.18 1.0 0.0	61.7 -55.6 43.5 70.7 142 0.283 1.0 0.0	0.18 1.0 0.0	61.7 -55.6 43.5 70.7 142 0.283 1.0 0.0	0.18 1.0 0.0	61.7 -55.6 43.5 70.7 142 0.283 1.0 0.0	0.18 1.0 0.0	61.7 -55.6 43.5 70.7 142 0.283 1.0 0.0	0.18 1.0 0.0	61.7 -55.6 43.5 70.7 142 0.283 1.0 0.0
135	134	144	0.289 1.0 0.0	65.5 -50.0 50.1 70.8 135	0.303 1.0 0.0	66.0 -49.1 51.0 70.9 134 0.267 1.0 0.0	0.146 1.0 0.0	60.7 -57.1 41.6 70.8 144 0.267 1.0 0.0	0.146 1.0 0.0	60.7 -57.1 41.6 70.8 144 0.267 1.0 0.0	0.146 1.0 0.0	60.7 -57.1 41.6 70.8 144 0.267 1.0 0.0	0.146 1.0 0.0	60.7 -57.1 41.6 70.8 144 0.267 1.0 0.0	0.146 1.0 0.0	60.7 -57.1 41.6 70.8 144 0.267 1.0 0.0	0.146 1.0 0.0	60.7 -57.1 41.6 70.8 144 0.267 1.0 0.0	0.146 1.0 0.0	60.7 -57.1 41.6 70.8 144 0.267 1.0 0.0	0.146 1.0 0.0	60.7 -57.1 41.6 70.8 144 0.267 1.0 0.0
136	135	145	0.276 1.0 0.0	65.0 -50.7 49.1 70.7 136	0.289 1.0 0.0	65.5 -50.0 50.1 70.8 135 0.25 1.0 0.0	0.128 1.0 0.0	60.1 -57.9 40.6 70.8 145 0.25 1.0 0.0	0.128 1.0 0.0	60.1 -57.9 40.6 70.8 145 0.25 1.0 0.0	0.128 1.0 0.0	60.1 -57.9 40.6 70.8 145 0.25 1.0 0.0	0.128 1.0 0.0	60.1 -57.9 40.6 70.8 145 0.25 1.0 0.0	0.128 1.0 0.0	60.1 -57.9 40.6 70.8 145 0.25 1.0 0.0	0.128 1.0 0.0	60.1 -57.9 40.6 70.8 145 0.25 1.0 0.0	0.128 1.0 0.0	60.1 -57.9 40.6 70.8 145 0.25 1.0 0.0	0.128 1.0 0.0	60.1 -57.9 40.6 70.8 145 0.25 1.0 0.0
137	136	146	0.263 1.0 0.0	64.4 -51.5 48.1 70.6 137	0.276 1.0 0.0	65.0 -50.7 49.1 70.7 136 0.233 1.0 0.0	0.107 1.0 0.0	59.5 -58.8 39.7 71.1 146 0.233 1														

See original or copy: <http://web.me.com/klaus.richter/OE33/OE33L0NA.TXT/.PS>
 Technical information: <http://www.ps.bam.de> or <http://130.149.60.45/~fabdmetrik>

TUB registration: 20110301-OEF33/OEF33L0NA.TXT/.PS
application for measurement of printer or monitor systems

TUB material: code=rha4ta

Data of Maximum color M in colorimetric system laser printer with separation cmyn62*, D65 and D50 for input or output; Six hue angles of the 60 degree standard colours $s: h_{ab,s} = 30.0, 90.0, 150.0, 210.0, 270.0, 330.0$; Six hue angles of the device colours $d: h_{ab,d} = 31.8, 99.5, 150.7, 229.2, 299.1, 349.6$; Six hue angles of the elementary colours $e: h_{ab,e} = 25.5, 92.3, 162.2, 217.0, 271.7, 328.6$

[illegible]

Data of Maximum color M in colorimetric system laser printer with separation cmyn62*, D65 and D50 for input or output; Six hue angles of the 60 degree standard colours s: $h_{ab,s} = 30.0, 90.0, 150.0, 210.0, 270.0, 330.0$; Six hue angles of the device colours d: $h_{ab,d} = 31.8, 99.5, 150.7, 229.2, 299.1, 349.6$; Six hue angles of the elementary colours e: $h_{ab,e} = 25.5, 92.3, 162.2, 217.0, 271.7, 328.6$																																			
$h_{ab,d}$	$h_{ab,s}$	$h_{ab,e}$	$rgb^*_{dd361Mi}$	$LAB^*_{dd361Mix}(x=LabCh)$				$rgb^*_{ds361Mi}$	$LAB^*_{ds361Mix}(x=LabCh)$				rgb^*_{s50M}	$rgb^*_{de361Mi}$	$LAB^*_{de361Mix}(x=LabCh)$				rgb^*_{e50M}	$rgb^*_{dd361Mi}$	$rgb^*_{ds361Mi}$	$rgb^*_{de361Mi}$	rgb^*_{e50M}	$rgb^*_{dd361Mi}$											
211	210	217	0.0	1.0	0.83	55.6	-40.0	-24.0	46.8	211	0.0	1.0	0.819	55.7	-40.4	-23.3	46.7	210	0.0	1.0	1.0C _s	0.0	1.0	0.894	54.5	-38.2	-28.8	48.0	217	0.0	1.0	1.0C _e			
212	211	218	0.0	1.0	0.842	55.4	-39.7	-24.8	47.0	212	0.0	1.0	0.83	55.6	-40.0	-24.0	46.8	211	0.0	1.0	0.983	1.0	0.0	1.0	0.903	54.3	-38.0	-29.6	48.3	218	0.0	1.0	0.983	1.0	
213	212	219	0.0	1.0	0.854	55.3	-39.4	-25.5	47.1	213	0.0	1.0	0.842	55.4	-39.7	-24.8	47.0	212	0.0	1.0	0.967	1.0	0.0	1.0	0.912	54.1	-37.7	-30.5	48.6	219	0.0	1.0	0.967	1.0	
214	213	220	0.0	1.0	0.866	55.1	-39.0	-26.3	47.2	214	0.0	1.0	0.854	55.3	-39.4	-25.5	47.1	213	0.0	1.0	0.95	1.0	0.0	1.0	0.92	53.8	-37.4	-31.3	48.9	220	0.0	1.0	0.95	1.0	
215	214	221	0.0	1.0	0.877	55.0	-38.7	-27.1	47.4	215	0.0	1.0	0.866	55.1	-39.0	-26.3	47.2	214	0.0	1.0	0.933	1.0	0.0	1.0	0.929	53.6	-37.0	-32.2	49.2	221	0.0	1.0	0.933	1.0	
216	215	222	0.0	1.0	0.886	54.7	-38.5	-27.9	47.7	216	0.0	1.0	0.877	55.0	-38.7	-27.1	47.4	215	0.0	1.0	0.917	1.0	0.0	1.0	0.938	53.4	-36.7	-33.0	49.5	222	0.0	1.0	0.917	1.0	
217	216	222	0.0	1.0	0.894	54.5	-38.2	-28.8	48.0	217	0.0	1.0	0.886	54.7	-38.5	-27.9	47.7	216	0.0	1.0	0.9	1.0	0.0	1.0	0.938	53.4	-36.7	-33.0	49.5	222	0.0	1.0	0.9	1.0	
218	217	223	0.0	1.0	0.903	54.3	-38.0	-29.6	48.3	218	0.0	1.0	0.894	54.5	-38.2	-28.8	48.0	217	0.0	1.0	0.883	1.0	0.0	1.0	0.946	53.1	-36.3	-33.9	49.8	223	0.0	1.0	0.883	1.0	
219	218	224	0.0	1.0	0.912	54.1	-37.7	-30.5	48.6	219	0.0	1.0	0.903	54.3	-38.0	-29.6	48.3	218	0.0	1.0	0.867	1.0	0.0	1.0	0.955	52.9	-36.0	-34.7	50.1	224	0.0	1.0	0.867	1.0	
220	219	225	0.0	1.0	0.92	53.8	-37.4	-31.3	48.9	220	0.0	1.0	0.912	54.1	-37.7	-30.5	48.6	219	0.0	1.0	0.85	1.0	0.0	1.0	0.964	52.7	-35.6	-35.6	50.4	225	0.0	1.0	0.85	1.0	
221	220	226	0.0	1.0	0.929	53.6	-37.0	-32.2	49.2	221	0.0	1.0	0.92	53.8	-37.4	-31.3	48.9	220	0.0	1.0	0.833	1.0	0.0	1.0	0.972	52.5	-35.1	-36.4	50.7	226	0.0	1.0	0.833	1.0	
222	221	227	0.0	1.0	0.938	53.4	-36.7	-33.0	49.5	222	0.0	1.0	0.929	53.6	-37.0	-32.2	49.2	221	0.0	1.0	0.817	1.0	0.0	1.0	0.981	52.2	-34.7	-37.2	51.0	227	0.0	1.0	0.817	1.0	
223	222	228	0.0	1.0	0.946	53.1	-36.3	-33.9	49.8	223	0.0	1.0	0.938	53.4	-36.7	-33.0	49.5	222	0.0	1.0	0.8	1.0	0.0	1.0	0.99	52.0	-34.3	-38.1	51.4	228	0.0	1.0	0.8	1.0	
224	223	229	0.0	1.0	0.955	52.9	-36.0	-34.7	50.1	224	0.0	1.0	0.946	53.1	-36.3	-33.9	49.8	223	0.0	1.0	0.783	1.0	0.0	1.0	0.998	51.8	-33.8	-38.9	51.7	229	0.0	1.0	0.783	1.0	
225	224	230	0.0	1.0	0.964	52.7	-35.6	-35.6	50.4	225	0.0	1.0	0.955	52.9	-36.0	-34.7	50.1	224	0.0	1.0	0.767	1.0	0.0	1.0	0.971	1.0	51.6	-33.3	-39.7	51.9	230	0.0	1.0	0.767	1.0
226	225	231	0.0	1.0	0.972	52.5	-35.1	-36.4	50.7	226	0.0	1.0	0.964	52.7	-35.6	-35.6	50.4	225	0.0	1.0	0.75	1.0	0.0	1.0	0.934	1.0	51.3	-32.8	-40.5	52.2	231	0.0	1.0	0.75	1.0
227	226	232	0.0	1.0	0.981	52.2	-34.7	-37.2	51.0	227	0.0	1.0	0.972	52.5	-35.1	-36.4	50.7	226	0.0	1.0	0.733	1.0	0.0	1.0	0.898	1.0	51.1	-32.2	-41.3	52.5	232	0.0	1.0	0.733	1.0
228	227	232	0.0	1.0	0.99	52.0	-34.3	-38.1	51.4	228	0.0	1.0	0.981	52.2	-34.7	-37.2	51.0	227	0.0	1.0	0.717	1.0	0.0	1.0	0.898	1.0	51.1	-32.2	-41.3	52.5	232	0.0	1.0	0.717	1.0
229	228	233	0.0	1.0	0.998	51.8	-33.8	-38.9	51.7	229C _d	0.0	1.0	0.99	52.0	-34.3	-38.1	51.4	228	0.0	1.0	0.7	1.0	0.0	1.0	0.867	1.0	51.0	-31.6	-42.0	52.7	233	0.0	1.0	0.7	1.0
230	229	234	0.0	0.971	1.0	51.6	-33.3	-39.7	51.9	230	0.0	1.0	0.998	51.8	-33.8	-38.9	51.7	229	0.0	1.0	0.683	1.0	0.0	1.0	0.845	1.0	50.9	-31.0	-42.7	52.9	234	0.0	1.0	0.683	1.0
231	230	235	0.0	0.934	1.0	51.3	-32.8	-40.5	52.2	231	0.0	0.971	1.0	51.6	-33.3	-39.7	51.9	230	0.0	1.0	0.667	1.0	0.0	1.0	0.823	1.0	50.9	-30.4	-43.4	53.1	235	0.0	1.0	0.667	1.0
232	231	236	0.0	0.898	1.0	51.1	-32.2	-41.3	52.5	232	0.0	0.934	1.0	51.3	-32.8	-40.5	52.2	231	0.0	1.0	0.65	1.0	0.0	1.0	0.8	1.0	50.9	-29.7	-44.1	53.3	236	0.0	1.0	0.65	1.0
233	232	237	0.0	0.867	1.0	51.0	-31.6	-42.0	52.7	233	0.0	0.898	1.0	51.1	-32.2	-41.3	52.5	232	0.0	1.0	0.633	1.0	0.0	1.0	0.778	1.0	50.9	-29.0	-44.8	53.5	237	0.0	1.0	0.633	1.0
234	233	238	0.0	0.845	1.0	50.9	-31.0	-42.7	52.9	234	0.0	0.867	1.0	51.0	-31.6	-42.0	52.7	233	0.0	1.0	0.617	1.0	0.0	1.0	0.756	1.0	50.9	-28.4	-45.5	53.7	238	0.0	1.0	0.617	1.0
235	234	239	0.0	0.823	1.0	50.9	-30.4	-43.4	53.1	235	0.0	0.845	1.0	50.9	-31.0	-42.7	52.9	234	0.0	1.0	0.6	1.0	0.0	1.0	0.739	1.0	50.6	-27.6	-45.9	53.7	239	0.0	1.0	0.6	1.0
236	235	240	0.0	0.8	1.0	50.9	-29.7	-44.1	53.3	236	0.0	0.823	1.0	50.9	-30.4	-43.4	53.1	235	0.0	1.0	0.583	1.0	0.0	1.0	0.724	1.0	50.3	-26.7	-46.3	53.6	240	0.0	1.0	0.583	1.0
237	236	241	0.0	0.778	1.0	50.9	-29.0	-44.8	53.5	237	0.0	0.8	1.0	50.9	-29.7	-44.1	53.3	236	0.0	1.0	0.567	1.0	0.0	1.0	0.709	1.0	50.0	-25.9	-46.7	53.5	241	0.0	1.0	0.567	1.0
238	237	242	0.0	0.756	1.0	50.9	-28.4	-45.5	53.7	238	0.0	0.778	1.0	50.9	-29.0	-44.8	53.5	237	0.0	1.0	0.55	1.0	0.0	1.0	0.694	1.0	49.6	-25.0	-47.1	53.5	242	0.0	1.0	0.55	1.0
239	238	243	0.0	0.739	1.0	50.6	-27.6	-45.9	53.7	239	0.0	0.756	1.0	50.9	-28.4	-45.5	53.7	238	0.0	1.0	0.533	1.0	0.0	1.0	0.679	1.0	49.3	-24.1	-47.4	53.4	243	0.0	1.0	0.533	1.0
240	239	243	0.0	0.724	1.0	50.3	-26.7	-46.3	53.6	240	0.0	0.739	1.0	50.6	-27.6	-45.9	53.7	239	0.0	1.0	0.517	1.0	0.0	1.0	0.679	1.0	49.3	-24.1	-47.4	53.4	243	0.0	1.0	0.517	1.0
241	240	244	0.0	0.709	1.0	50.0	-25.9	-46.7	53.5	241	0.0	0.724	1.0	50.3	-26.7	-46.3	53.6	240	0.0	1.0	0.5	1.0	0.0	1.0	0.664	1.0	48.9	-23.3	-47.8	53.3	244	0.0	1.0	0.5	1.0
242	241	245	0.0	0.694	1.0	49.6	-25.0	-47.1	53.5	242	0.0	0.709	1.0	50.0	-25.9	-46.7	53.5	241	0.0	1.0	0.483	1.0	0.0	1.0	0.649	1.0	48.6	-22.4	-48.1	53.2	245	0.0	1.0	0.483	1.0
243	242	246	0.0	0.679	1.0	49.3	-24.1	-47.4	53.4	243	0.0	0.694	1.0	49.6	-25.0	-47.1	53.5	242	0.0	1.0	0.467	1.0	0.0	1.0	0.634	1.0	48.2	-21.5	-48.4	53.1	246	0.0	1.0	0.467	1.0
244	243	247	0.0	0.664	1.0	48.9	-23.3	-47.8	53.3	244	0.0	0.679	1.0	49.3	-24.1	-47.4	53.4	243	0.0	1.0	0.45	1.0	0.0	1.0	0.618	1.0	47.8	-20.6	-48.6	52.9	247	0.0	1.0	0.45	1.0
245	244	248	0.0	0.649	1.0	48.6	-22.4	-48.1	53.2	245	0.0	0.664	1.0	48.9	-23.3	-47.8	53.3	244	0.0	1.0	0.433	1.0	0.0	1.0	0.601	1.0	47.3	-19.6	-48.7	52.6	248	0.0	1.0	0.433	1.0
246	245	249	0.0	0.634	1.0	48.2	-21.5	-48.4	53.1	246	0.0	0.649	1.0	48.6	-22.4	-48.1	53.2	245	0.0	1.0	0.417	1.0	0.0	1.0	0.585	1.0	46.7	-18.6	-48.7	52.3	249	0.0	1.0	0.417	1.0
247	246	250	0.0	0.618	1.0	47.8	-20.6	-48.6	52.9	247	0.0	0.634	1.0	48.2	-21.5	-48.4	53.1	246	0.0	1.0	0.4	1.0	0.0	1.0	0.568	1.0	46.2	-17.7	-48.7	51.9	250	0.0	1.0	0.4	1.0
248	247	251	0.0	0.601	1.0	47.3	-19.6	-48.7	52.6	248	0.0	0.618	1.0	47.8	-20.6	-48.6	52.9	247	0.0	1.0	0.383	1.0	0.0	1.0	0.551	1.0	45.6	-16.7	-48.7	51.6	251	0.0	1.0	0.383	1.0
249	248	252	0.0	0.585	1.0	46.7	-18.6	-48.7	52.3</																										

See original or copy: <http://web.me.com/klaus.richter/OE33/OE33L0NA.TXT> /PS
Technical information: <http://www.ps.bam.de> or <http://130.149.60.45/~farbmetrik>

Data of Maximum color M in colorimetric system laser printer with separation cmyn62*, D65 and D50 for input or output; Six hue angles of the 60 degree standard colours s: $h_{ab,s} = 30.0, 90.0, 150.0, 210.0, 270.0, 330.0$; Six hue angles of the device colours d: $h_{ab,d} = 31.8, 99.5, 150.7, 229.2, 299.1, 349.6$; Six hue angles of the elementary colours e: $h_{ab,e} = 25.5, 92.3, 162.2, 217.0, 271.7, 328.6$																					
$h_{ab,d}$	$h_{ab,s}$	$h_{ab,e}$	$rgb^*_{dd361Mi}$	$LAB^*_{dd361Mix} (x=LabCh)$			$rgb^*_{ds361Mi}$	$LAB^*_{ds361Mix} (x=LabCh)$			rgb^*_{s50M}	$rgb^*_{de361Mi}$	$LAB^*_{de361Mix} (x=LabCh)$			rgb^*_{e50M}	rgb^*_{dd}				
256	255	258	0.0	0.475	1.0	43.0	-12.1	-48.7	50.3	256	0.0	0.488	1.0	43.5	-13.0	-48.6	50.5	255	0.0	0.25	1.0
257	256	259	0.0	0.462	1.0	42.5	-11.2	-48.8	50.2	257	0.0	0.475	1.0	43.0	-12.1	-48.7	50.3	256	0.0	0.233	1.0
258	257	260	0.0	0.45	1.0	41.9	-10.3	-48.8	50.0	258	0.0	0.462	1.0	42.5	-11.2	-48.8	50.2	257	0.0	0.217	1.0
259	258	261	0.0	0.437	1.0	41.4	-9.4	-48.8	49.8	259	0.0	0.45	1.0	41.9	-10.3	-48.8	50.0	258	0.0	0.2	1.0
260	259	262	0.0	0.424	1.0	40.9	-8.5	-48.8	49.7	260	0.0	0.437	1.0	41.4	-9.4	-48.8	49.8	259	0.0	0.183	1.0
261	260	263	0.0	0.411	1.0	40.4	-7.6	-48.8	49.5	261	0.0	0.424	1.0	40.9	-8.5	-48.8	49.7	260	0.0	0.167	1.0
262	261	264	0.0	0.399	1.0	39.9	-6.8	-48.8	49.4	262	0.0	0.411	1.0	40.4	-7.6	-48.8	49.5	261	0.0	0.15	1.0
263	262	264	0.0	0.386	1.0	39.4	-5.9	-48.8	49.2	263	0.0	0.399	1.0	39.9	-6.8	-48.8	49.4	262	0.0	0.133	1.0
264	263	265	0.0	0.373	1.0	38.9	-5.0	-48.7	49.1	264	0.0	0.386	1.0	39.4	-5.9	-48.8	49.2	263	0.0	0.117	1.0
265	264	266	0.0	0.362	1.0	38.4	-4.2	-48.8	49.1	265	0.0	0.373	1.0	38.9	-5.0	-48.7	49.1	264	0.0	0.1	1.0
266	265	267	0.0	0.351	1.0	38.0	-3.3	-48.9	49.1	266	0.0	0.362	1.0	38.4	-4.2	-48.8	49.1	265	0.0	0.083	1.0
267	266	268	0.0	0.34	1.0	37.5	-2.5	-49.0	49.1	267	0.0	0.351	1.0	38.0	-3.3	-48.9	49.1	266	0.0	0.067	1.0
268	267	269	0.0	0.329	1.0	37.0	-1.6	-49.0	49.1	268	0.0	0.34	1.0	37.5	-2.5	-49.0	49.1	267	0.0	0.05	1.0
269	268	270	0.0	0.317	1.0	36.6	-0.8	-49.0	49.1	269	0.0	0.329	1.0	37.0	-1.6	-49.0	49.1	268	0.0	0.033	1.0
270	269	271	0.0	0.306	1.0	36.1	0.0	-49.0	49.1	270	0.0	0.317	1.0	36.6	-0.8	-49.0	49.1	269	0.0	0.017	1.0
271	270	272	0.0	0.295	1.0	35.7	0.9	-49.0	49.1	271	0.0	0.306	1.0	36.1	0.0	-49.0	49.1	270	0.0	0.0	1.0B _s
272	271	273	0.0	0.284	1.0	35.2	1.7	-49.0	49.2	272	0.0	0.295	1.0	35.7	0.9	-49.0	49.1	271	0.017	0.0	1.0
273	272	274	0.0	0.273	1.0	34.8	2.6	-49.0	49.2	273	0.0	0.284	1.0	35.2	1.7	-49.0	49.2	272	0.033	0.0	1.0
274	273	275	0.0	0.261	1.0	34.3	3.4	-48.9	49.2	274	0.0	0.273	1.0	34.8	2.6	-49.0	49.2	273	0.05	0.0	1.0
275	274	276	0.0	0.25	1.0	33.8	4.3	-48.9	49.2	275	0.0	0.261	1.0	34.3	3.4	-48.9	49.2	274	0.067	0.0	1.0
276	275	276	0.0	0.241	1.0	33.8	5.1	-48.7	49.1	276	0.0	0.25	1.0	33.8	4.3	-48.9	49.2	275	0.083	0.0	1.0
277	276	277	0.0	0.231	1.0	33.8	6.0	-48.5	49.0	277	0.0	0.241	1.0	33.8	5.1	-48.7	49.1	276	0.1	0.0	1.0
278	277	278	0.0	0.222	1.0	33.7	6.8	-48.3	48.9	278	0.0	0.231	1.0	33.8	6.0	-48.5	49.0	277	0.117	0.0	1.0
279	278	279	0.0	0.212	1.0	33.7	7.6	-48.1	48.8	279	0.0	0.222	1.0	33.7	6.8	-48.3	48.9	278	0.133	0.0	1.0
280	279	280	0.0	0.203	1.0	33.7	8.5	-47.9	48.7	280	0.0	0.212	1.0	33.7	7.6	-48.1	48.8	279	0.15	0.0	1.0
281	280	281	0.0	0.193	1.0	33.7	9.3	-47.7	48.6	281	0.0	0.203	1.0	33.7	8.5	-47.9	48.7	280	0.167	0.0	1.0
282	281	282	0.0	0.184	1.0	33.6	10.1	-47.4	48.6	282	0.0	0.193	1.0	33.7	9.3	-47.7	48.6	281	0.183	0.0	1.0
283	282	283	0.0	0.174	1.0	33.6	10.9	-47.1	48.5	283	0.0	0.184	1.0	33.6	10.1	-47.4	48.6	282	0.2	0.0	1.0
284	283	284	0.0	0.165	1.0	33.6	11.7	-46.8	48.4	284	0.0	0.174	1.0	33.6	10.9	-47.1	48.5	283	0.217	0.0	1.0
285	284	285	0.0	0.155	1.0	33.5	12.5	-46.6	48.3	285	0.0	0.165	1.0	33.6	11.7	-46.8	48.4	284	0.233	0.0	1.0
286	285	286	0.0	0.146	1.0	33.5	13.3	-46.2	48.2	286	0.0	0.155	1.0	33.5	12.5	-46.6	48.3	285	0.25	0.0	1.0
287	286	287	0.0	0.136	1.0	33.5	14.1	-45.9	48.1	287	0.0	0.146	1.0	33.5	13.3	-46.2	48.2	286	0.267	0.0	1.0
288	287	288	0.0	0.127	1.0	33.4	14.8	-45.6	48.0	288	0.0	0.136	1.0	33.5	14.1	-45.9	48.1	287	0.283	0.0	1.0
289	288	289	0.0	0.116	1.0	33.2	15.7	-45.4	48.1	289	0.0	0.127	1.0	33.4	14.8	-45.6	48.0	288	0.3	0.0	1.0
290	289	290	0.0	0.104	1.0	33.0	16.5	-45.3	48.3	290	0.0	0.116	1.0	33.2	15.7	-45.4	48.1	289	0.317	0.0	1.0
291	290	291	0.0	0.093	1.0	32.8	17.4	-45.1	48.4	291	0.0	0.104	1.0	33.0	16.5	-45.3	48.3	290	0.333	0.0	1.0
292	291	292	0.0	0.081	1.0	32.5	18.2	-44.9	48.6	292	0.0	0.093	1.0	32.8	17.4	-45.1	48.4	291	0.35	0.0	1.0
293	292	293	0.0	0.07	1.0	32.3	19.0	-44.7	48.7	293	0.0	0.081	1.0	32.5	18.2	-44.9	48.6	292	0.367	0.0	1.0
294	293	294	0.0	0.059	1.0	32.0	19.9	-44.5	48.9	294	0.0	0.07	1.0	32.3	19.0	-44.7	48.7	293	0.383	0.0	1.0
295	294	294	0.0	0.047	1.0	31.8	20.7	-44.3	49.0	295	0.0	0.059	1.0	32.0	19.9	-44.5	48.9	294	0.4	0.0	1.0
296	295	295	0.0	0.036	1.0	31.6	21.6	-44.1	49.2	296	0.0	0.047	1.0	31.8	20.7	-44.3	49.0	295	0.417	0.0	1.0
297	296	296	0.0	0.024	1.0	31.3	22.4	-43.8	49.3	297	0.0	0.036	1.0	31.6	21.6	-44.1	49.2	296	0.433	0.0	1.0
298	297	297	0.0	0.013	1.0	31.1	23.2	-43.6	49.5	298	0.0	0.024	1.0	31.3	22.4	-43.8	49.3	297	0.45	0.0	1.0
299	298	298	0.0	0.001	1.0	30.8	24.0	-43.3	49.6	299B _d	0.0	0.013	1.0	31.1	23.2	-43.6	49.5	298	0.467	0.0	1.0
300	299	299	0.013	0.0	1.0	30.8	24.9	-43.0	49.8	300	0.0	0.001	1.0	30.8	24.0	-43.3	49.6	299	0.483	0.0	1.0
301	300	300	0.028	0.0	1.0	30.8	25.8	-42.8	50.0	301	0.013	0.0	1.0	30.8	24.9	-43.0	49.8	300	0.5	0.0	1.0

OE330-7N, Page of series 8/20, RX0, D65, XYZnw=1.8, 1.9, 1.9, 88.0, 93.2, 98.2, LAB*_{nw}=15.0, 0.3, 1.3, 97.3, -0.9, 2.1, not adapted

Output: laser printer with separation cmyn62*, D65 and D50, page 8/20

TUB-test chart OE33; 48 and 360 step hue circles, Page 8/20
Data of laser printer HRS16_96, separation cmyn62*, D65 and D50

input: rgb^*_d set $rgbcolor$
output: $cmyn62^*_d = f_{62}(rgb^*_d)$

TUB registration: 20110301-OE33/OE33L0NA.TXT /PS
application for measurement of printer or monitor systems

TUB material: code=rha4ta

See original or copy: <http://web.me.com/klaus.richter/OE33/OE33L0NA.TXT> /PS
Technical information: <http://www.ps.bam.de> or <http://130.149.60.45/~farbmetrik>

Data of Maximum color M in colorimetric system laser printer with separation cmyn62*, D65 and D50 for input or output; Six hue angles of the 60 degree standard colours s: $h_{ab,s} = 30.0, 90.0, 150.0, 210.0, 270.0, 330.0$;
Six hue angles of the device colours d: $h_{ab,d} = 31.8, 99.5, 150.7, 229.2, 299.1, 349.6$; Six hue angles of the elementary colours e: $h_{ab,e} = 25.5, 92.3, 162.2, 217.0, 271.7, 328.6$

$h_{ab,d}$ $h_{ab,s}$ $h_{ab,e}$			$rgb^*_{dd361Mi}$			$LAB^*_{dd361Mix}(x=LabCh)$					$rgb^*_{ds361Mi}$			$LAB^*_{ds361Mix}(x=LabCh)$					rgb^*_{s50M}			$rgb^*_{de361Mi}$			$LAB^*_{de361Mix}(x=LabCh)$					rgb^*_{e50M}		
301	300	300	0.028	0.0	1.0	30.8	25.8	-42.8	50.0	301	0.013	0.0	1.0	30.8	24.9	-43.0	49.8	300	0.5	0.0	1.0	0.013	0.0	1.0	30.8	24.9	-43.0	49.8	300	0.5	0.0	1.0
302	301	301	0.042	0.0	1.0	30.7	26.6	-42.5	50.2	302	0.028	0.0	1.0	30.8	25.8	-42.8	50.0	301	0.517	0.0	1.0	0.028	0.0	1.0	30.8	25.8	-42.8	50.0	301	0.517	0.0	1.0
303	302	302	0.057	0.0	1.0	30.7	27.5	-42.2	50.4	303	0.042	0.0	1.0	30.7	26.6	-42.5	50.2	302	0.533	0.0	1.0	0.042	0.0	1.0	30.7	26.6	-42.5	50.2	302	0.533	0.0	1.0
304	303	303	0.072	0.0	1.0	30.7	28.3	-41.9	50.7	304	0.057	0.0	1.0	30.7	27.5	-42.2	50.4	303	0.55	0.0	1.0	0.057	0.0	1.0	30.7	27.5	-42.2	50.4	303	0.55	0.0	1.0
305	304	304	0.086	0.0	1.0	30.7	29.2	-41.6	50.9	305	0.072	0.0	1.0	30.7	28.3	-41.9	50.7	304	0.567	0.0	1.0	0.072	0.0	1.0	30.7	28.3	-41.9	50.7	304	0.567	0.0	1.0
306	305	305	0.101	0.0	1.0	30.7	30.0	-41.2	51.1	306	0.086	0.0	1.0	30.7	29.2	-41.6	50.9	305	0.583	0.0	1.0	0.086	0.0	1.0	30.7	29.2	-41.6	50.9	305	0.583	0.0	1.0
307	306	306	0.116	0.0	1.0	30.6	30.9	-40.9	51.3	307	0.101	0.0	1.0	30.7	30.0	-41.2	51.1	306	0.6	0.0	1.0	0.101	0.0	1.0	30.7	30.0	-41.2	51.1	306	0.6	0.0	1.0
308	307	307	0.13	0.0	1.0	30.6	31.7	-40.5	51.5	308	0.116	0.0	1.0	30.6	30.9	-40.9	51.3	307	0.617	0.0	1.0	0.116	0.0	1.0	30.6	30.9	-40.9	51.3	307	0.617	0.0	1.0
309	308	308	0.142	0.0	1.0	30.6	32.6	-40.1	51.8	309	0.13	0.0	1.0	30.6	31.7	-40.5	51.5	308	0.633	0.0	1.0	0.13	0.0	1.0	30.6	31.7	-40.5	51.5	308	0.633	0.0	1.0
310	309	309	0.155	0.0	1.0	30.6	33.4	-39.8	52.0	310	0.142	0.0	1.0	30.6	32.6	-40.1	51.8	309	0.65	0.0	1.0	0.142	0.0	1.0	30.6	32.6	-40.1	51.8	309	0.65	0.0	1.0
311	310	310	0.168	0.0	1.0	30.6	34.3	-39.4	52.3	311	0.155	0.0	1.0	30.6	33.4	-39.8	52.0	310	0.667	0.0	1.0	0.155	0.0	1.0	30.6	33.4	-39.8	52.0	310	0.667	0.0	1.0
312	311	311	0.18	0.0	1.0	30.6	35.2	-39.0	52.6	312	0.168	0.0	1.0	30.6	34.3	-39.4	52.3	311	0.683	0.0	1.0	0.168	0.0	1.0	30.6	34.3	-39.4	52.3	311	0.683	0.0	1.0
313	312	312	0.193	0.0	1.0	30.6	36.0	-38.5	52.8	313	0.18	0.0	1.0	30.6	35.2	-39.0	52.6	312	0.7	0.0	1.0	0.18	0.0	1.0	30.6	35.2	-39.0	52.6	312	0.7	0.0	1.0
314	313	312	0.206	0.0	1.0	30.6	36.9	-38.1	53.1	314	0.193	0.0	1.0	30.6	36.0	-38.5	52.8	313	0.717	0.0	1.0	0.18	0.0	1.0	30.6	35.2	-39.0	52.6	312	0.717	0.0	1.0
315	314	313	0.219	0.0	1.0	30.6	37.7	-37.6	53.3	315	0.206	0.0	1.0	30.6	36.9	-38.1	53.1	314	0.733	0.0	1.0	0.193	0.0	1.0	30.6	36.0	-38.5	52.8	313	0.733	0.0	1.0
316	315	314	0.231	0.0	1.0	30.6	38.6	-37.1	53.6	316	0.219	0.0	1.0	30.6	37.7	-37.6	53.3	315	0.75	0.0	1.0	0.206	0.0	1.0	30.6	36.9	-38.1	53.1	314	0.75	0.0	1.0
317	316	315	0.244	0.0	1.0	30.5	39.4	-36.6	53.9	317	0.231	0.0	1.0	30.6	38.6	-37.1	53.6	316	0.767	0.0	1.0	0.219	0.0	1.0	30.6	37.7	-37.6	53.3	315	0.767	0.0	1.0
318	317	316	0.259	0.0	1.0	30.6	40.2	-36.1	54.1	318	0.244	0.0	1.0	30.5	39.4	-36.6	53.9	317	0.783	0.0	1.0	0.231	0.0	1.0	30.6	38.6	-37.1	53.6	316	0.783	0.0	1.0
319	318	317	0.276	0.0	1.0	30.8	41.1	-35.6	54.4	319	0.259	0.0	1.0	30.6	40.2	-36.1	54.1	318	0.8	0.0	1.0	0.244	0.0	1.0	30.5	39.4	-36.6	53.9	317	0.8	0.0	1.0
320	319	318	0.292	0.0	1.0	31.0	41.9	-35.1	54.7	320	0.276	0.0	1.0	30.8	41.1	-35.6	54.4	319	0.817	0.0	1.0	0.259	0.0	1.0	30.6	40.2	-36.1	54.1	318	0.817	0.0	1.0
321	320	319	0.309	0.0	1.0	31.2	42.7	-34.5	55.0	321	0.292	0.0	1.0	31.0	41.9	-35.1	54.7	320	0.833	0.0	1.0	0.276	0.0	1.0	30.8	41.1	-35.6	54.4	319	0.833	0.0	1.0
322	321	320	0.326	0.0	1.0	31.4	43.6	-33.9	55.3	322	0.309	0.0	1.0	31.2	42.7	-34.5	55.0	321	0.85	0.0	1.0	0.292	0.0	1.0	31.0	41.9	-35.1	54.7	320	0.85	0.0	1.0
323	322	321	0.342	0.0	1.0	31.6	44.4	-33.3	55.6	323	0.326	0.0	1.0	31.4	43.6	-33.9	55.3	322	0.867	0.0	1.0	0.309	0.0	1.0	31.2	42.7	-34.5	55.0	321	0.867	0.0	1.0
324	323	322	0.359	0.0	1.0	31.8	45.2	-32.7	55.9	324	0.342	0.0	1.0	31.6	44.4	-33.3	55.6	323	0.883	0.0	1.0	0.326	0.0	1.0	31.4	43.6	-33.9	55.3	322	0.883	0.0	1.0
325	324	323	0.376	0.0	1.0	32.0	46.0	-32.1	56.2	325	0.359	0.0	1.0	31.8	45.2	-32.7	55.9	324	0.9	0.0	1.0	0.342	0.0	1.0	31.6	44.4	-33.3	55.6	323	0.9	0.0	1.0
326	325	324	0.404	0.0	1.0	32.6	46.9	-31.5	56.6	326	0.376	0.0	1.0	32.0	46.0	-32.1	56.2	325	0.917	0.0	1.0	0.359	0.0	1.0	31.8	45.2	-32.7	55.9	324	0.917	0.0	1.0
327	326	325	0.432	0.0	1.0	33.1	47.8	-30.9	57.0	327	0.404	0.0	1.0	32.6	46.9	-31.5	56.6	326	0.933	0.0	1.0	0.376	0.0	1.0	32.0	46.0	-32.1	56.2	325	0.933	0.0	1.0
328	327	326	0.46	0.0	1.0	33.7	48.7	-30.3	57.4	328	0.432	0.0	1.0	33.1	47.8	-30.9	57.0	327	0.95	0.0	1.0	0.404	0.0	1.0	32.6	46.9	-31.5	56.6	326	0.95	0.0	1.0
329	328	327	0.488	0.0	1.0	34.2	49.5	-29.7	57.8	329	0.46	0.0	1.0	33.7	48.7	-30.3	57.4	328	0.967	0.0	1.0	0.432	0.0	1.0	33.1	47.8	-30.9	57.0	327	0.967	0.0	1.0
330	329	328	0.514	0.0	1.0	34.8	50.4	-29.0	58.2	330	0.488	0.0	1.0	34.2	49.5	-29.7	57.8	329	0.983	0.0	1.0	0.46	0.0	1.0	33.7	48.7	-30.3	57.4	328	0.983	0.0	1.0
331	330	329	0.537	0.0	1.0	35.3	51.3	-28.4	58.7	331	0.514	0.0	1.0	34.8	50.4	-29.0	58.2	330	1.0	0.0	1.0M _e	0.488	0.0	1.0	34.2	49.5	-29.7	57.8	329	1.0	0.0	1.0M _e
332	331	330	0.56	0.0	1.0	35.8	52.2	-27.7	59.2	332	0.537	0.0	1.0	35.3	51.3	-28.4	58.7	331	1.0	0.0	0.983	0.514	0.0	1.0	34.8	50.4	-29.0	58.2	330	1.0	0.0	0.98
333	332	331	0.584	0.0	1.0	36.3	53.1	-27.0	59.6	333	0.56	0.0	1.0	35.8	52.2	-27.7	59.2	332	1.0	0.0	0.967	0.537	0.0	1.0	35.3	51.3	-28.4	58.7	331	1.0	0.0	0.96
334	333	331	0.607	0.0	1.0	36.8	54.0	-26.2	60.1	334	0.584	0.0	1.0	36.3	53.1	-27.0	59.6	333	1.0	0.0	0.95	0.537	0.0	1.0	35.3	51.3	-28.4	58.7	331	1.0	0.0	0.95
335	334	332	0.63	0.0	1.0	37.3	54.9	-25.5	60.6	335	0.607	0.0	1.0	36.8	54.0	-26.2	60.1	334	1.0	0.0	0.933	0.56	0.0	1.0	35.8	52.2	-27.7	59.2	332	1.0	0.0	0.93
336	335	333	0.654	0.0	1.0	37.7	56.0	-24.8	61.3	336	0.63	0.0	1.0	37.3	54.9	-25.5	60.6	335	1.0	0.0	0.917	0.584	0.0	1.0	36.3	53.1	-27.0	59.6	333	1.0	0.0	0.91
337	336	334	0.678	0.0	1.0	38.0	57.0	-24.1	62.0	337	0.654	0.0	1.0	37.7	56.0	-24.8	61.3	336	1.0	0.0	0.9	0.607	0.0	1.0	36.8	54.0	-26.2	60.1	334	1.0	0.0	0.9
338	337	335	0.702	0.0	1.0	38.4	58.1	-23.4	62.6	338	0.678	0.0	1.0	38.0	57.0	-24.1	62.0	337	1.0	0.0	0.883	0.63	0.0	1.0	37.3	54.9	-25.5	60.6	335	1.0	0.0	0.88
339	338	336	0.726	0.0	1.0	38.8	59.1	-22.6	63.3	339	0.702	0.0	1.0	38.4	58.1	-23.4	62.6	338	1.0	0.0	0.867	0.654	0.0	1.0	37.7	56.0	-24.8	61.3	336	1.0	0.0	0.86
340	339	337	0.75	0.0	1.0	39.1	60.2	-21.8	64.0	340	0.726	0.0	1.0	38.8	59.1	-22.6	63.3	339	1.0	0.0	0.85	0.678	0.0	1.0	38.0	57.0	-24.1	62.0	337	1.0	0.0	0.85
341	340	338	0.778	0.0	1.0	39.7	61.3	-21.0	64.8	341	0.75	0.0	1.0	39.1	60.2	-21.8	64.0	340	1.0	0.0	0.833	0.702	0.0	1.0	38.4	58.1	-23.4	62.6	338			

OE330-7N, Page of series 9/20, RX0, D65, XYZnw=1.8, 1.9, 1.9, 88.0, 93.2, 98.2, LAB*_{nw}=15.0, 0.3, 1.3, 97.3, -0.9, 2.1, not adapted

Output: laser printer with separation cmyn62*, D65 and D50, page 9/20

TUB-test chart OE33; 48 and 360 step hue circles, Page 9/20
Data of laser printer HRS16_96, separation cmyn62*, D65 and D50

input: rgb^*_d set rgb^*_{color}
output: $cmyn62^*_d = f_{62}(rgb^*_d)$

TUB registration: 20110301-OE33/OE33L0NA.TXT /PS
application for measurement of printer or monitor systems

TUB material: code=rha4ta

See original or copy: <http://web.me.com/klaus.richter/OE33/OE33L0NA.TXT> /PS
Technical information: <http://www.ps.bam.de> or <http://130.149.60.45/~farbmetrik>

Data of Maximum color M in colorimetric system laser printer with separation cmyn62*, D65 and D50 for input or output; Six hue angles of the 60 degree standard colours s: $h_{ab,s} = 30.0, 90.0, 150.0, 210.0, 270.0, 330.0$; Six hue angles of the device colours d: $h_{ab,d} = 31.8, 99.5, 150.7, 229.2, 299.1, 349.6$; Six hue angles of the elementary colours e: $h_{ab,e} = 25.5, 92.3, 162.2, 217.0, 271.7, 328.6$																																
$h_{ab,d}$	$h_{ab,s}$	$h_{ab,e}$	$rgb^*_{dd361Mi}$			$LAB^*_{dd361Mix}(x=LabCh)$			$rgb^*_{ds361Mi}$			$LAB^*_{ds361Mix}(x=LabCh)$			rgb^*_{s50M}			$rgb^*_{de361Mi}$			$LAB^*_{de361Mix}(x=LabCh)$			rgb^*_{e50M}			rgb^*_{dd}	rgb^*_{ds}	rgb^*_{de}			
346	345	343	0.912	0.0	1.0	42.7	66.8	-16.5	68.8	346	0.888	0.0	1.0	42.0	65.6	-17.5	67.9	345	1.0	0.0	0.75	0.834	0.0	1.0	40.8	63.4	-19.3	66.3	343	1.0	0.0	0.75
347	346	344	0.936	0.0	1.0	43.4	67.9	-15.6	69.7	347	0.912	0.0	1.0	42.7	66.8	-16.5	68.8	346	1.0	0.0	0.733	0.862	0.0	1.0	41.3	64.5	-18.4	67.1	344	1.0	0.0	0.733
348	347	345	0.96	0.0	1.0	44.1	69.1	-14.6	70.6	348	0.936	0.0	1.0	43.4	67.9	-15.6	69.7	347	1.0	0.0	0.717	0.888	0.0	1.0	42.0	65.6	-17.5	67.9	345	1.0	0.0	0.717
349	348	346	0.985	0.0	1.0	44.9	70.2	-13.6	71.5	349	0.96	0.0	1.0	44.1	69.1	-14.6	70.6	348	1.0	0.0	0.7	0.912	0.0	1.0	42.7	66.8	-16.5	68.8	346	1.0	0.0	0.7
350	349	347	1.0	0.0	0.982	45.3	70.9	-12.4	72.0	350	0.985	0.0	1.0	44.9	70.2	-13.6	71.5	349	1.0	0.0	0.683	0.936	0.0	1.0	43.4	67.9	-15.6	69.7	347	1.0	0.0	0.683
351	350	348	1.0	0.0	0.934	45.1	70.9	-11.1	71.8	351	1.0	0.0	0.982	45.3	70.9	-12.4	72.0	350	1.0	0.0	0.667	0.96	0.0	1.0	44.1	69.1	-14.6	70.6	348	1.0	0.0	0.667
352	351	349	1.0	0.0	0.886	45.0	70.9	-9.9	71.6	352	1.0	0.0	0.934	45.1	70.9	-11.1	71.8	351	1.0	0.0	0.65	0.985	0.0	1.0	44.9	70.2	-13.6	71.5	349	1.0	0.0	0.65
353	352	349	1.0	0.0	0.86	44.9	70.8	-8.6	71.3	353	1.0	0.0	0.886	45.0	70.9	-9.9	71.6	352	1.0	0.0	0.633	0.985	0.0	1.0	44.9	70.2	-13.6	71.5	349	1.0	0.0	0.633
354	353	350	1.0	0.0	0.84	44.9	70.6	-7.3	71.0	354	1.0	0.0	0.86	44.9	70.8	-8.6	71.3	353	1.0	0.0	0.617	1.0	0.0	0.982	45.3	70.9	-12.4	72.0	350	1.0	0.0	0.617
355	354	351	1.0	0.0	0.82	44.8	70.4	-6.1	70.6	355	1.0	0.0	0.84	44.9	70.6	-7.3	71.0	354	1.0	0.0	0.6	1.0	0.0	0.934	45.1	70.9	-11.1	71.8	351	1.0	0.0	0.6
356	355	352	1.0	0.0	0.8	44.8	70.1	-4.8	70.3	356	1.0	0.0	0.82	44.8	70.4	-6.1	70.6	355	1.0	0.0	0.583	1.0	0.0	0.886	45.0	70.9	-9.9	71.6	352	1.0	0.0	0.583
357	356	353	1.0	0.0	0.78	44.7	69.9	-3.6	70.0	357	1.0	0.0	0.8	44.8	70.1	-4.8	70.3	356	1.0	0.0	0.567	1.0	0.0	0.86	44.9	70.8	-8.6	71.3	353	1.0	0.0	0.567
358	357	354	1.0	0.0	0.76	44.7	69.6	-2.3	69.6	358	1.0	0.0	0.78	44.7	69.9	-3.6	70.0	357	1.0	0.0	0.55	1.0	0.0	0.84	44.9	70.6	-7.3	71.0	354	1.0	0.0	0.55
359	358	355	1.0	0.0	0.741	44.7	69.3	-1.1	69.3	359	1.0	0.0	0.76	44.7	69.6	-2.3	69.6	358	1.0	0.0	0.533	1.0	0.0	0.82	44.8	70.4	-6.1	70.6	355	1.0	0.0	0.533
0	359	356	1.0	0.0	0.722	44.7	68.8	0.0	68.8	0	1.0	0.0	0.741	44.7	69.3	-1.1	69.3	359	1.0	0.0	0.517	1.0	0.0	0.8	44.8	70.1	-4.8	70.3	356	1.0	0.0	0.517
1	360	357	1.0	0.0	0.703	44.8	68.4	1.2	68.4	1	1.0	0.0	0.722	44.7	68.8	0.0	68.8	0	1.0	0.5	1.0	0.0	0.78	44.7	69.9	-3.6	70.0	357	1.0	0.0	0.5	
2	361	358	1.0	0.0	0.683	44.8	68.0	2.4	68.0	2	1.0	0.0	0.703	44.8	68.4	1.2	68.4	1	1.0	0.483	1.0	0.0	0.76	44.7	69.6	-2.3	69.6	358	1.0	0.0	0.483	
3	362	359	1.0	0.0	0.664	44.9	67.5	3.5	67.6	3	1.0	0.0	0.683	44.8	68.0	2.4	68.0	2	1.0	0.467	1.0	0.0	0.741	44.7	69.3	-1.1	69.3	359	1.0	0.0	0.467	
4	363	360	1.0	0.0	0.645	44.9	67.0	4.7	67.2	4	1.0	0.0	0.664	44.9	67.5	3.5	67.6	3	1.0	0.45	1.0	0.0	0.722	44.7	68.8	0.0	68.8	0	1.0	0.0	0.45	
5	364	361	1.0	0.0	0.626	45.0	66.5	5.8	66.8	5	1.0	0.0	0.645	44.9	67.0	4.7	67.2	4	1.0	0.433	1.0	0.0	0.703	44.8	68.4	1.2	68.4	1	1.0	0.0	0.433	
6	365	362	1.0	0.0	0.605	44.9	66.2	7.0	66.6	6	1.0	0.0	0.626	45.0	66.5	5.8	66.8	5	1.0	0.417	1.0	0.0	0.683	44.8	68.0	2.4	68.0	2	1.0	0.0	0.417	
7	366	363	1.0	0.0	0.584	44.8	65.9	8.1	66.4	7	1.0	0.0	0.605	44.9	66.2	7.0	66.6	6	1.0	0.4	1.0	0.0	0.664	44.9	67.5	3.5	67.6	3	1.0	0.0	0.4	
8	367	364	1.0	0.0	0.562	44.7	65.5	9.2	66.1	8	1.0	0.0	0.584	44.8	65.9	8.1	66.4	7	1.0	0.383	1.0	0.0	0.645	44.9	67.0	4.7	67.2	4	1.0	0.0	0.383	
9	368	365	1.0	0.0	0.541	44.7	65.1	10.3	65.9	9	1.0	0.0	0.562	44.7	65.5	9.2	66.1	8	1.0	0.367	1.0	0.0	0.626	45.0	66.5	5.8	66.8	5	1.0	0.0	0.367	
10	369	366	1.0	0.0	0.519	44.6	64.7	11.4	65.7	10	1.0	0.0	0.541	44.7	65.1	10.3	65.9	9	1.0	0.35	1.0	0.0	0.605	44.9	66.2	7.0	66.6	6	1.0	0.0	0.35	
11	370	367	1.0	0.0	0.498	44.5	64.3	12.5	65.6	11	1.0	0.0	0.519	44.6	64.7	11.4	65.7	10	1.0	0.333	1.0	0.0	0.584	44.8	65.9	8.1	66.4	7	1.0	0.0	0.333	
12	371	367	1.0	0.0	0.476	44.5	64.2	13.6	65.6	12	1.0	0.0	0.498	44.5	64.3	12.5	65.6	11	1.0	0.317	1.0	0.0	0.584	44.8	65.9	8.1	66.4	7	1.0	0.0	0.317	
13	372	368	1.0	0.0	0.454	44.5	63.9	14.8	65.6	13	1.0	0.0	0.476	44.5	64.2	13.6	65.6	12	1.0	0.3	1.0	0.0	0.562	44.7	65.5	9.2	66.1	8	1.0	0.0	0.3	
14	373	369	1.0	0.0	0.432	44.5	63.7	15.9	65.6	14	1.0	0.0	0.454	44.5	63.9	14.8	65.6	13	1.0	0.283	1.0	0.0	0.541	44.7	65.1	10.3	65.9	9	1.0	0.0	0.283	
15	374	370	1.0	0.0	0.411	44.5	63.4	17.0	65.7	15	1.0	0.0	0.432	44.5	63.7	15.9	65.6	14	1.0	0.267	1.0	0.0	0.519	44.6	64.7	11.4	65.7	10	1.0	0.0	0.267	
16	375	371	1.0	0.0	0.389	44.5	63.2	18.1	65.7	16	1.0	0.0	0.411	44.5	63.4	17.0	65.7	15	1.0	0.25	1.0	0.0	0.498	44.5	64.3	12.5	65.6	11	1.0	0.0	0.25	
17	376	372	1.0	0.0	0.367	44.5	62.9	19.2	65.8	17	1.0	0.0	0.389	44.5	63.2	18.1	65.7	16	1.0	0.233	1.0	0.0	0.476	44.5	64.2	13.6	65.6	12	1.0	0.0	0.233	
18	377	373	1.0	0.0	0.346	44.6	62.8	20.4	66.1	18	1.0	0.0	0.367	44.5	62.9	19.2	65.8	17	1.0	0.217	1.0	0.0	0.454	44.5	63.9	14.8	65.6	13	1.0	0.0	0.217	
19	378	374	1.0	0.0	0.325	44.7	62.7	21.6	66.3	19	1.0	0.0	0.346	44.6	62.8	20.4	66.1	18	1.0	0.2	1.0	0.0	0.432	44.5	63.7	15.9	65.6	14	1.0	0.0	0.2	
20	379	375	1.0	0.0	0.303	44.8	62.6	22.8	66.6	20	1.0	0.0	0.325	44.7	62.7	21.6	66.3	19	1.0	0.183	1.0	0.0	0.411	44.5	63.4	17.0	65.7	15	1.0	0.0	0.183	
21	380	376	1.0	0.0	0.282	44.8	62.4	24.0	66.9	21	1.0	0.0	0.303	44.8	62.6	22.8	66.6	20	1.0	0.167	1.0	0.0	0.389	44.5	63.2	18.1	65.7	16	1.0	0.0	0.167	
22	381																															

Data of Maximum color M in colorimetric system laser printer with separation cmyn62*, D65 and D50 for input or output; Six hue angles of the 60 degree standard colours s: $h_{ab,s} = 30.0, 90.0, 150.0, 210.0, 270.0, 330.0$;
Six hue angles of the device colours d: $h_{ab,d} = 32.3, 95.3, 151.8, 226.0, 293.6, 352.6$; Six hue angles of the elementary colours e: $h_{ab,e} = 25.5, 92.3, 162.2, 217.0, 271.7, 328.6$

Y=J_d Yellow

$LCH^*_d = 92.0 \ 82.1 \ 95.2$

$LAB^*_d = 92.0 \ -7.5 \ 81.7$

$rgb^*_d = 1.0 \ 1.0 \ 0.0$

L=G_d Leaf green

$LCH^*_d = 56.0 \ 66.9 \ 151.8$

$LAB^*_d = 56.0 \ -58.9 \ 31.6$

$rgb^*_d = 0.0 \ 1.0 \ 0.0$

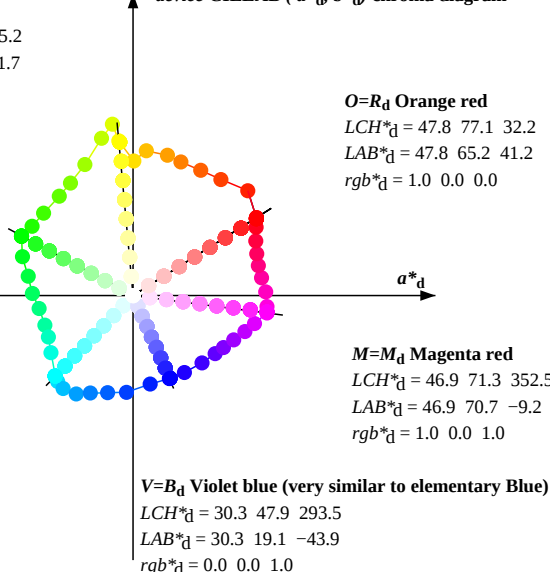
C=C_d Cyan blue

$LCH^*_d = 50.1 \ 59.2 \ 226.0$

$LAB^*_d = 50.1 \ -41.1 \ -42.6$

$rgb^*_d = 0.0 \ 1.0 \ 1.0$

device CIELAB (a^*_d , b^*_d) chroma diagram



O=R_d Orange red

$LCH^*_d = 47.8 \ 77.1 \ 32.2$

$LAB^*_d = 47.8 \ 65.2 \ 41.2$

$rgb^*_d = 1.0 \ 0.0 \ 0.0$

M=M_d Magenta red

$LCH^*_d = 46.9 \ 71.3 \ 352.5$

$LAB^*_d = 46.9 \ 70.7 \ -9.2$

$rgb^*_d = 1.0 \ 0.0 \ 1.0$

V=B_d Violet blue (very similar to elementary Blue)

$LCH^*_d = 30.3 \ 47.9 \ 293.5$

$LAB^*_d = 30.3 \ 19.1 \ -43.9$

$rgb^*_d = 0.0 \ 0.0 \ 1.0$

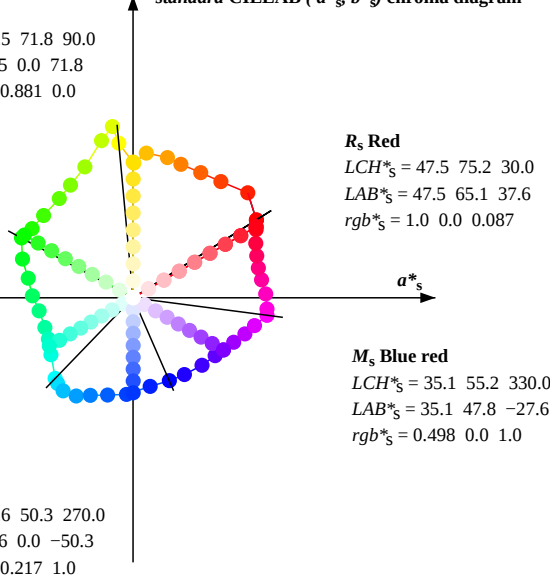
J_s Yellow

$LCH^*_s = 87.5 \ 71.8 \ 90.0$

$LAB^*_s = 87.5 \ 0.0 \ 71.8$

$rgb^*_s = 1.0 \ 0.881 \ 0.0$

standard CIELAB (a^*_s , b^*_s) chroma diagram



G_s Green

$LCH^*_s = 57.0 \ 66.3 \ 150.0$

$LAB^*_s = 57.0 \ -57.4 \ 33.1$

$rgb^*_s = 0.036 \ 1.0 \ 0.0$

R_s Red

$LCH^*_s = 47.5 \ 75.2 \ 30.0$

$LAB^*_s = 47.5 \ 65.1 \ 37.6$

$rgb^*_s = 1.0 \ 0.0 \ 0.087$

C_s Blue green

$LCH^*_s = 54.6 \ 51.2 \ 210.0$

$LAB^*_s = 54.6 \ -44.3 \ -25.6$

$rgb^*_s = 0.0 \ 1.0 \ 0.806$

B_s Blue

$LCH^*_s = 32.6 \ 50.3 \ 270.0$

$LAB^*_s = 32.6 \ 0.0 \ -50.3$

$rgb^*_s = 0.0 \ 0.217 \ 1.0$

M_s Blue red

$LCH^*_s = 35.1 \ 55.2 \ 330.0$

$LAB^*_s = 35.1 \ 47.8 \ -27.6$

$rgb^*_s = 0.498 \ 0.0 \ 1.0$

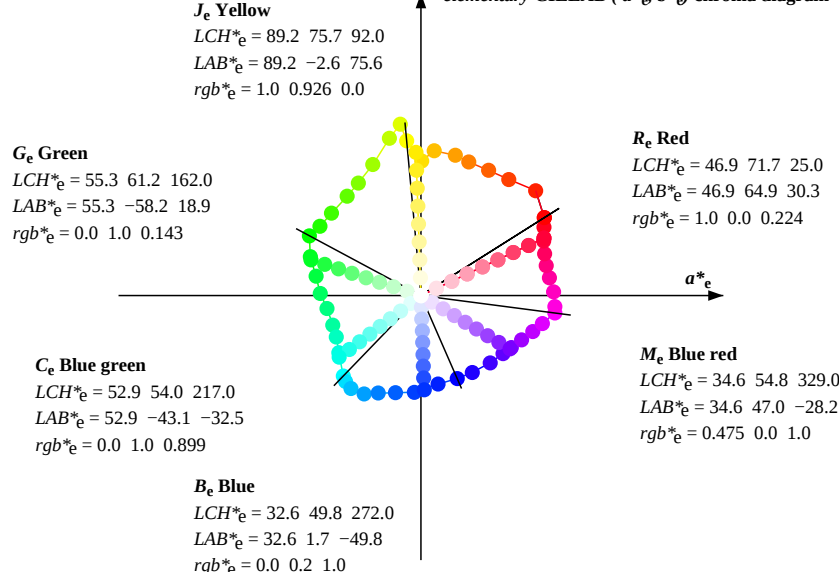
J_e Yellow

$LCH^*_e = 89.2 \ 75.7 \ 92.0$

$LAB^*_e = 89.2 \ -2.6 \ 75.6$

$rgb^*_e = 1.0 \ 0.926 \ 0.0$

elementary CIELAB (a^*_e , b^*_e) chroma diagram



G_e Green

$LCH^*_e = 55.3 \ 61.2 \ 162.0$

$LAB^*_e = 55.3 \ -58.2 \ 18.9$

$rgb^*_e = 0.0 \ 1.0 \ 0.143$

C_e Blue green

$LCH^*_e = 52.9 \ 54.0 \ 217.0$

$LAB^*_e = 52.9 \ -43.1 \ -32.5$

$rgb^*_e = 0.0 \ 1.0 \ 0.899$

B_e Blue

$LCH^*_e = 32.6 \ 49.8 \ 272.0$

$LAB^*_e = 32.6 \ 1.7 \ -49.8$

$rgb^*_e = 0.0 \ 0.2 \ 1.0$

R_e Red

$LCH^*_e = 46.9 \ 71.7 \ 25.0$

$LAB^*_e = 46.9 \ 64.9 \ 30.3$

$rgb^*_e = 1.0 \ 0.0 \ 0.224$

M_e Blue red

$LCH^*_e = 34.6 \ 54.8 \ 329.0$

$LAB^*_e = 34.6 \ 47.0 \ -28.2$

$rgb^*_e = 0.475 \ 0.0 \ 1.0$

Notes to the CIELAB chroma diagrams (a^*_d , b^*_d), (a^*_s , b^*_s), (a^*_e , b^*_e)

1. For the rgb^*_d -input values the CIELAB data LCH^*_d and LAB^*_d have been measured.

2. For the calculation of the standard hue angle $h_{ab,s}$ use for any device values rgb^*_d the equation:

$$h_{ab,s} = \text{atan} [r^*_d \cos(30) + g^*_d \cos(150)] / [r^*_d \sin(30) + g^*_d \sin(150) + b^*_d \sin(270)] \quad (1)$$

3. For the 48 or 360 equally spaced standard hue angles $h_{ab,s}$ of the colours of maximum chroma use the seven hue angles of the 60 degree colours s: $h_{ab,si} = 30.0, 90.0, 150.0, 210.0, 270.0, 330.0, 390.0$ ($i=0,6$) and the equations for a 48 and 360 step hue circle:

$$h_{48ab,sij} = h_{ab,si} + j [h_{ab,si+1} - h_{ab,si}] / 8 \quad (i = 0, 1, \dots, 5; j = 0, 1, \dots, 7) \quad (2)$$

$$h_{360ab,sij} = h_{ab,si} + j [h_{ab,si+1} - h_{ab,si}] / 60 \quad (i = 0, 1, \dots, 5; j = 0, 1, \dots, 59) \quad (3)$$

4. For the 48 or 360 elementary hue angles $h_{ab,e}$ of the colours of maximum chroma use the seven hue angles of the elementary colours e: $h_{ab,ei} = 25.5, 92.3, 162.2, 217.0, 271.7, 328.6, 385.5$ ($i=0,6$) and the equations for a 48 and 360 step elementary hue circle:

$$h_{48ab,eij} = h_{ab,ei} + j [h_{ab,ei+1} - h_{ab,ei}] / 8 \quad (i = 0, 1, \dots, 5; j = 0, 1, \dots, 7) \quad (4)$$

$$h_{360ab,eij} = h_{ab,ei} + j [h_{ab,ei+1} - h_{ab,ei}] / 60 \quad (i = 0, 1, \dots, 5; j = 0, 1, \dots, 59) \quad (5)$$

5. For any elementary hue angle $h_{ab,e}$ there is a well defined device hue angle $h_{ab,d}$ see the following tables, columns 1 to 3.

6. The values rgb^*_d produce the output of the device-independent elementary hues

See original or copy: <http://web.me.com/klaus.richter/OE33/OE33L0NA.TXT> /PS
Technical information: <http://www.ps.bam.de> or <http://130.149.60.45/~farbmetrik>

Data of Maximum color M in colorimetric system laser printer with separation cmyn62*, D65 and D50 for input or output; Six hue angles of the 60 degree standard colours s: $h_{ab,s} = 30.0, 90.0, 150.0, 210.0, 270.0, 330.0$;																																
Six hue angles of the device colours d: $h_{ab,d} = 32.3, 95.3, 151.8, 226.0, 293.6, 352.6$; Six hue angles of the elementary colours e: $h_{ab,e} = 25.5, 92.3, 162.2, 217.0, 271.7, 328.6$																																
$h_{ab,d}$	$h_{ab,s}$	$h_{ab,e}$	rgb^*_{dd50M}			$LAB^*_{dd50Mx} (x=LabCh)$			rgb^*_{ds50M}			$LAB^*_{ds50Mx} (x=LabCh)$			rgb^*_{s50M}			$LAB^*_{de50Mx} (x=LabCh)$			rgb^*_{e50M}			rgb^*_{m50M}								
32.3	30.0	25.5	1.0	0.0	0.0	47.9	65.3	41.2	77.2	32.3	1.0	0.0	0.087	47.5	65.2	37.6	75.2	30	1.0	0.0	0.0	1.0	0.0	0.225	46.9	65.0	30.3	71.7	25	1.0	0.0	0.0
42.4	37.5	33.8	1.0	0.125	0.0	54.2	60.7	55.5	82.3	42.4	1.0	0.071	0.0	51.4	63.1	49.3	80.1	38	1.0	0.125	0.0	1.0	0.021	0.0	49.0	64.7	43.6	78.1	34	1.0	0.125	0.0
52.8	45.0	42.2	1.0	0.25	0.0	61.3	46.6	61.4	77.1	52.8	1.0	0.156	0.0	56.0	57.3	57.3	81.0	45	1.0	0.25	0.0	1.0	0.12	0.0	53.9	61.0	54.9	82.1	42	1.0	0.25	0.0
61.6	52.5	50.5	1.0	0.375	0.0	67.0	35.8	66.2	75.3	61.6	1.0	0.252	0.0	61.5	46.4	61.5	77.1	53	1.0	0.375	0.0	1.0	0.228	0.0	60.1	49.1	60.6	78.0	51	1.0	0.375	0.0
70.3	60.0	58.9	1.0	0.5	0.0	72.6	25.4	70.7	75.1	70.3	1.0	0.352	0.0	66.0	37.8	65.5	75.6	60	1.0	0.5	0.0	1.0	0.338	0.0	65.4	39.0	65.0	75.8	59	1.0	0.5	0.0
76.3	67.5	67.2	1.0	0.625	0.0	76.6	18.1	74.2	76.4	76.3	1.0	0.467	0.0	71.1	28.1	69.7	75.1	68	1.0	0.625	0.0	1.0	0.453	0.0	70.5	29.4	69.2	75.2	67	1.0	0.625	0.0
84.7	75.0	75.6	1.0	0.75	0.0	83.1	7.1	76.6	76.9	84.7	1.0	0.599	0.0	75.8	19.7	73.5	76.1	75	1.0	0.75	0.0	1.0	0.62	0.0	76.5	18.5	74.1	76.4	76	1.0	0.75	0.0
89.7	82.5	84.0	1.0	0.875	0.0	87.3	0.4	71.2	71.2	89.7	1.0	0.724	0.0	81.8	9.4	76.2	76.8	83	1.0	0.875	0.0	1.0	0.739	0.0	82.6	8.0	76.4	76.9	84	1.0	0.875	0.0
95.3	90.0	92.3	1.0	1.0	0.0	92.1	-7.4	81.8	82.1	95.3	1.0	0.882	0.0	87.5	0.0	71.8	71.8	90	1.0	1.0	0.0	1.0	0.927	0.0	89.2	-2.5	75.7	75.7	92	1.0	1.0	0.0
96.9	97.5	101.1	0.875	1.0	0.0	94.0	-10.8	90.7	91.3	96.9	0.843	1.0	0.0	92.6	-12.4	88.8	89.7	98	0.875	1.0	0.0	0.76	1.0	0.0	89.1	-16.2	83.8	85.3	101	0.875	1.0	0.0
101.3	105.0	109.8	0.75	1.0	0.0	88.7	-16.6	83.2	84.9	101.3	0.698	1.0	0.0	85.2	-20.7	77.5	80.3	105	0.75	1.0	0.0	0.627	1.0	0.0	80.4	-25.2	69.5	74.0	110	0.75	1.0	0.0
110.2	112.5	118.5	0.625	1.0	0.0	80.3	-25.3	69.3	73.8	110.2	0.585	1.0	0.0	78.1	-28.0	66.3	72.0	113	0.625	1.0	0.0	0.502	1.0	0.0	73.5	-33.0	59.7	68.3	119	0.625	1.0	0.0
119.1	120.0	127.3	0.5	1.0	0.0	73.4	-33.1	59.6	68.2	119.1	0.485	1.0	0.0	72.8	-33.8	58.8	67.9	120	0.5	1.0	0.0	0.37	1.0	0.0	68.5	-39.3	52.2	65.4	127	0.5	1.0	0.0
126.6	127.5	136.0	0.375	1.0	0.0	68.7	-38.9	52.5	65.4	126.6	0.359	1.0	0.0	68.0	-40.1	51.4	65.3	128	0.375	1.0	0.0	0.266	1.0	0.0	64.0	-46.3	44.8	64.5	136	0.375	1.0	0.0
137.3	135.0	144.7	0.25	1.0	0.0	63.4	-47.2	43.6	64.3	137.3	0.277	1.0	0.0	64.5	-45.6	45.7	64.6	135	0.25	1.0	0.0	0.134	1.0	0.0	59.6	-53.0	37.2	64.8	145	0.25	1.0	0.0
145.6	142.5	153.5	0.125	1.0	0.0	59.3	-53.3	36.6	64.8	145.6	0.164	1.0	0.0	60.6	-51.5	38.9	64.7	143	0.125	1.0	0.0	0.0	1.0	0.017	56.0	-58.9	30.1	66.3	153	0.125	1.0	0.0
151.8	150.0	162.2	0.0	1.0	0.0	56.1	-58.9	31.6	66.9	151.8	0.036	1.0	0.0	57.0	-57.3	33.2	66.3	150	0.0	1.0	0.0	0.0	1.0	0.144	55.4	-58.1	18.9	61.2	162	0.0	1.0	0.0
160.7	157.5	169.1	0.0	1.0	0.125	55.3	-58.5	20.6	62.1	160.7	0.0	1.0	0.087	55.6	-58.8	23.8	63.5	158	0.0	1.0	0.125	0.0	1.0	0.243	55.5	-55.6	10.8	56.8	169	0.0	1.0	0.125
169.5	165.0	175.9	0.0	1.0	0.25	55.5	-55.4	10.3	56.5	169.5	0.0	1.0	0.186	55.4	-57.2	15.4	59.3	165	0.0	1.0	0.25	0.0	1.0	0.337	55.7	-54.0	3.8	54.3	176	0.0	1.0	0.25
178.8	172.5	182.8	0.0	1.0	0.375	55.8	-53.2	1.1	53.3	178.8	0.0	1.0	0.297	55.6	-54.8	6.7	55.3	173	0.0	1.0	0.375	0.0	1.0	0.432	56.0	-51.7	-2.6	51.8	183	0.0	1.0	0.375
187.9	180.0	189.6	0.0	1.0	0.5	56.3	-49.5	-6.8	50.1	187.9	0.0	1.0	0.391	55.8	-52.8	0.0	52.9	180	0.0	1.0	0.5	0.0	1.0	0.525	56.3	-49.1	-8.6	49.9	190	0.0	1.0	0.5
198.6	187.5	196.4	0.0	1.0	0.625	56.1	-46.5	-15.6	49.2	198.6	0.0	1.0	0.501	56.3	-49.5	-6.9	50.1	188	0.0	1.0	0.625	0.0	1.0	0.595	56.2	-47.4	-13.5	49.4	196	0.0	1.0	0.625
206.1	195.0	203.3	0.0	1.0	0.75	55.4	-44.7	-21.8	49.9	206.1	0.0	1.0	0.583	56.2	-47.7	-12.7	49.5	195	0.0	1.0	0.75	0.0	1.0	0.699	55.7	-45.6	-19.3	49.6	203	0.0	1.0	0.75
214.8	202.5	210.1	0.0	1.0	0.875	53.6	-43.3	-30.1	52.8	214.8	0.0	1.0	0.699	55.7	-45.6	-19.3	49.6	203	0.0	1.0	0.875	0.0	1.0	0.806	54.6	-44.2	-25.5	51.2	210	0.0	1.0	0.875
226.0	210.0	217.0	0.0	1.0	1.0	50.1	-41.0	-42.5	59.2	226.0	0.0	1.0	0.806	54.6	-44.2	-25.5	51.2	210	0.0	1.0	1.0	0.0	1.0	0.899	53.0	-43.1	-32.5	54.1	217	0.0	1.0	1.0
228.7	217.5	223.8	0.0	0.875	1.0	49.3	-39.8	-45.3	60.4	228.7	0.0	1.0	0.911	52.6	-43.0	-33.6	54.7	218	0.0	0.875	1.0	0.0	1.0	0.977	50.8	-41.7	-40.2	58.1	224	0.0	0.875	1.0
233.1	225.0	230.7	0.0	0.75	1.0	49.2	-36.9	-49.2	61.6	233.1	0.0	1.0	0.989	50.4	-41.4	-41.4	58.6	225	0.0	0.75	1.0	0.0	0.81	1.0	49.2	-38.3	-47.3	61.0	231	0.0	0.75	1.0
239.9	232.5	237.5	0.0	0.625	1.0	46.4	-30.1	-51.9	60.2	239.9	0.0	0.753	1.0	49.2	-37.0	-49.1	61.6	233	0.0	0.625	1.0	0.0	0.66	1.0	47.2	-32.0	-51.3	60.6	238	0.0	0.625	1.0
246.4	240.0	244.4	0.0	0.5	1.0	42.4	-22.4	-51.6	56.4	246.4	0.0	0.623	1.0	46.3	-30.0	-51.9	60.1	240	0.0	0.5	1.0	0.0	0.547	1.0	43.9	-25.2	-51.8	57.8	244	0.0	0.5	1.0
255.4	247.5	251.2	0.0	0.375	1.0	37.5	-13.3	-51.3	53.2	255.4	0.0	0.478	1.0	41.6	-20.8	-51.6	55.8	248	0.0	0.375	1.0	0.0	0.436	1.0	39.9	-17.7	-51.7	54.7	251	0.0	0.375	1.0
266.1	255.0	258.0	0.0	0.25	1.0	32.6	-3.3	-51.0	51.3	266.1	0.0	0.38	1.0	37.7	-13.7	-51.4	53.3	255	0.0	0.25	1.0	0.0	0.344	1.0	36.3	-10.9	-51.4	52.7	258	0.0	0.25	1.0
280.9	262.5	264.9	0.0	0.125	1.0	32.6	9.0	-46.8	47.7	280.9	0.0	0.286	1.0	34.0	-6.2	-51.3	51.8	263	0.0	0.125	1.0	0.0	0.263	1.0	33.1	-4.4	-51.2	51.5	265	0.0	0.125	1.0
293.6	270.0	271.7	0.0	0.0	1.0	30.3	19.2	-43.8	47.9	293.6	0.0	0.217	1.0	32.6	0.0	-50.2	50.3	270	0.0	0.0	1.0	0.0	0.2	1.0	32.6	1.7	-49.7	49.9	272	0.0	0.0	1.0
303.9	277.5	278.8	0.125	0.0	1.0	30.4	27.3	-40.5	48.9	303.9	0.0	0.15	1.0	32.6	6.7	-47.8	48.4	278	0.125	0.0	1.0	0.0	0.141	1.0	32.6	7.5	-47.5	48.2	279	0.125	0.0	1.0
315.7	285.0	286.0	0.25	0.0	1.0																											

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Technical information: <http://www.ps.bam.de> or <http://130.149.60.45/~farbmetrik>

Data of Maximum color M in colorimetric system laser printer with separation cmyn62*, D65 and D50 for input or output; Six hue angles of the 60 degree standard colours s: $h_{ab,s} = 30.0, 90.0, 150.0, 210.0, 270.0, 330.0$;
Six hue angles of the device colours d: $h_{ab,d} = 32.3, 95.3, 151.8, 226.0, 293.6, 352.6$; Six hue angles of the elementary colours e: $h_{ab,e} = 25.5, 92.3, 162.2, 217.0, 271.7, 328.6$

$h_{ab,d}$	$h_{ab,s}$	$h_{ab,e}$	$rgb^*_{dd361Mi}$	$LAB^*_{dd361Mix(x=LabCh)}$	$rgb^*_{ds361Mi}$	$LAB^*_{ds361Mix(x=LabCh)}$	rgb^*_{s50M}	$rgb^*_{de361Mi}$	$LAB^*_{de361Mix(x=LabCh)}$	rgb^*_{e50M}	rgb^*_{dd}	rgb^*_{ds}	rgb^*_{de}
32	30	25	1.0 0.0 0.01	47.8 65.3 40.8 77.0 32	1.0 0.0 0.087 47.5 65.2 37.6 75.2 30	1.0 0.0 0.007 47.5 65.2 37.6 75.2 30	1.0 0.0 0.007 47.5 65.2 37.6 75.2 30	1.0 0.0 0.225 46.9 65.0 30.3 71.7 25	1.0 0.0 0.225 46.9 65.0 30.3 71.7 25	1.0 0.0 0.007 47.5 65.2 37.6 75.2 30			
33	31	27	1.0 0.009 0.0	48.3 65.0 42.2 77.6 33	1.0 0.0 0.049 47.7 65.2 39.2 76.1 31	1.0 0.0 0.017 0.0	1.0 0.0 0.175 47.1 65.1 33.2 73.0 27	1.0 0.0 0.175 47.1 65.1 33.2 73.0 27	1.0 0.0 0.017 0.0				
34	32	28	1.0 0.021 0.0	49.0 64.7 43.6 78.1 34	1.0 0.0 0.01 47.8 65.3 40.8 77.0 32	1.0 0.0 0.033 0.0	1.0 0.0 0.15 47.2 65.1 34.6 73.7 28	1.0 0.0 0.15 47.2 65.1 34.6 73.7 28	1.0 0.0 0.033 0.0				
35	33	29	1.0 0.034 0.0	49.6 64.3 45.1 78.6 35	1.0 0.009 0.0 48.3 65.0 42.2 77.6 33	1.0 0.05 0.0	1.0 0.0 0.125 47.3 65.0 36.1 74.4 29	1.0 0.0 0.125 47.3 65.0 36.1 74.4 29	1.0 0.05 0.0				
36	34	30	1.0 0.046 0.0	50.2 64.0 46.5 79.1 36	1.0 0.021 0.0 49.0 64.7 43.6 78.1 34	1.0 0.067 0.0	1.0 0.0 0.087 47.5 65.2 37.6 75.2 30	1.0 0.0 0.087 47.5 65.2 37.6 75.2 30	1.0 0.067 0.0				
37	35	31	1.0 0.058 0.0	50.8 63.5 47.9 79.6 37	1.0 0.034 0.0 49.6 64.3 45.1 78.6 35	1.0 0.083 0.0	1.0 0.0 0.049 47.7 65.2 39.2 76.1 31	1.0 0.0 0.049 47.7 65.2 39.2 76.1 31	1.0 0.083 0.0				
38	36	32	1.0 0.071 0.0	51.4 63.1 49.3 80.1 38	1.0 0.046 0.0 50.2 64.0 46.5 79.1 36	1.0 0.1 0.0	1.0 0.0 0.01 47.8 65.3 40.8 77.0 32	1.0 0.0 0.01 47.8 65.3 40.8 77.0 32	1.0 0.1 0.0				
39	37	33	1.0 0.083 0.0	52.1 62.6 50.7 80.6 39	1.0 0.058 0.0 50.8 63.5 47.9 79.6 37	1.0 0.117 0.0	1.0 0.009 0.0 48.3 65.0 42.2 77.6 33	1.0 0.009 0.0 48.3 65.0 42.2 77.6 33	1.0 0.117 0.0				
40	38	34	1.0 0.095 0.0	52.7 62.1 52.1 81.1 40	1.0 0.071 0.0 51.4 63.1 49.3 80.1 38	1.0 0.133 0.0	1.0 0.021 0.0 49.0 64.7 43.6 78.1 34	1.0 0.021 0.0 49.0 64.7 43.6 78.1 34	1.0 0.133 0.0				
41	39	36	1.0 0.107 0.0	53.3 61.6 53.5 81.6 41	1.0 0.083 0.0 52.1 62.6 50.7 80.6 39	1.0 0.15 0.0	1.0 0.046 0.0 50.2 64.0 46.5 79.1 36	1.0 0.046 0.0 50.2 64.0 46.5 79.1 36	1.0 0.15 0.0				
42	40	37	1.0 0.12 0.0	53.9 61.0 54.9 82.1 42	1.0 0.095 0.0 52.7 62.1 52.1 81.1 40	1.0 0.167 0.0	1.0 0.058 0.0 50.8 63.5 47.9 79.6 37	1.0 0.058 0.0 50.8 63.5 47.9 79.6 37	1.0 0.167 0.0				
43	41	38	1.0 0.132 0.0	54.6 60.0 55.9 82.0 43	1.0 0.107 0.0 53.3 61.6 53.5 81.6 41	1.0 0.183 0.0	1.0 0.071 0.0 51.4 63.1 49.3 80.1 38	1.0 0.071 0.0 51.4 63.1 49.3 80.1 38	1.0 0.183 0.0				
44	42	39	1.0 0.144 0.0	55.3 58.6 56.6 81.5 44	1.0 0.12 0.0 53.9 61.0 54.9 82.1 42	1.0 0.2 0.0	1.0 0.083 0.0 52.1 62.6 50.7 80.6 39	1.0 0.083 0.0 52.1 62.6 50.7 80.6 39	1.0 0.2 0.0				
45	43	40	1.0 0.156 0.0	56.0 57.3 57.3 81.0 45	1.0 0.132 0.0 54.6 60.0 55.9 82.0 43	1.0 0.217 0.0	1.0 0.095 0.0 52.7 62.1 52.1 81.1 40	1.0 0.095 0.0 52.7 62.1 52.1 81.1 40	1.0 0.217 0.0				
46	44	41	1.0 0.168 0.0	56.6 55.9 57.9 80.5 46	1.0 0.144 0.0 55.3 58.6 56.6 81.5 44	1.0 0.233 0.0	1.0 0.107 0.0 53.3 61.6 53.5 81.6 41	1.0 0.107 0.0 53.3 61.6 53.5 81.6 41	1.0 0.233 0.0				
47	45	42	1.0 0.18 0.0	57.3 54.6 58.5 80.0 47	1.0 0.156 0.0 56.0 57.3 57.3 81.0 45	1.0 0.25 0.0	1.0 0.12 0.0 53.9 61.0 54.9 82.1 42	1.0 0.12 0.0 53.9 61.0 54.9 82.1 42	1.0 0.25 0.0				
48	46	43	1.0 0.192 0.0	58.0 53.2 59.1 79.5 48	1.0 0.168 0.0 56.6 55.9 57.9 80.5 46	1.0 0.267 0.0	1.0 0.132 0.0 54.6 60.0 55.9 82.0 43	1.0 0.132 0.0 54.6 60.0 55.9 82.0 43	1.0 0.267 0.0				
49	47	44	1.0 0.204 0.0	58.7 51.8 59.6 79.0 49	1.0 0.18 0.0 57.3 54.6 58.5 80.0 47	1.0 0.283 0.0	1.0 0.144 0.0 55.3 58.6 56.6 81.5 44	1.0 0.144 0.0 55.3 58.6 56.6 81.5 44	1.0 0.283 0.0				
50	48	46	1.0 0.216 0.0	59.4 50.5 60.1 78.5 50	1.0 0.192 0.0 58.0 53.2 59.1 79.5 48	1.0 0.3 0.0	1.0 0.168 0.0 56.6 55.9 57.9 80.5 46	1.0 0.168 0.0 56.6 55.9 57.9 80.5 46	1.0 0.3 0.0				
51	49	47	1.0 0.228 0.0	60.1 49.1 60.6 78.0 51	1.0 0.204 0.0 58.7 51.8 59.6 79.0 49	1.0 0.317 0.0	1.0 0.18 0.0 57.3 54.6 58.5 80.0 47	1.0 0.18 0.0 57.3 54.6 58.5 80.0 47	1.0 0.317 0.0				
52	50	48	1.0 0.24 0.0	60.8 47.7 61.1 77.5 52	1.0 0.216 0.0 59.4 50.5 60.1 78.5 50	1.0 0.333 0.0	1.0 0.192 0.0 58.0 53.2 59.1 79.5 48	1.0 0.192 0.0 58.0 53.2 59.1 79.5 48	1.0 0.333 0.0				
53	51	49	1.0 0.252 0.0	61.5 46.4 61.5 77.1 53	1.0 0.228 0.0 60.1 49.1 60.6 78.0 51	1.0 0.35 0.0	1.0 0.204 0.0 58.7 51.8 59.6 79.0 49	1.0 0.204 0.0 58.7 51.8 59.6 79.0 49	1.0 0.35 0.0				
54	52	50	1.0 0.267 0.0	62.1 45.2 62.2 76.9 54	1.0 0.24 0.0 60.8 47.7 61.1 77.5 52	1.0 0.367 0.0	1.0 0.216 0.0 59.4 50.5 60.1 78.5 50	1.0 0.216 0.0 59.4 50.5 60.1 78.5 50	1.0 0.367 0.0				
55	53	51	1.0 0.281 0.0	62.8 44.0 62.8 76.6 55	1.0 0.252 0.0 61.5 46.4 61.5 77.1 53	1.0 0.383 0.0	1.0 0.228 0.0 60.1 49.1 60.6 78.0 51	1.0 0.228 0.0 60.1 49.1 60.6 78.0 51	1.0 0.383 0.0				
56	54	52	1.0 0.295 0.0	63.4 42.7 63.4 76.4 56	1.0 0.267 0.0 62.1 45.2 62.2 76.9 54	1.0 0.4 0.0	1.0 0.24 0.0 60.8 47.7 61.1 77.5 52	1.0 0.24 0.0 60.8 47.7 61.1 77.5 52	1.0 0.4 0.0				
57	55	53	1.0 0.309 0.0	64.1 41.5 63.9 76.2 57	1.0 0.281 0.0 62.8 44.0 62.8 76.6 55	1.0 0.417 0.0	1.0 0.252 0.0 61.5 46.4 61.5 77.1 53	1.0 0.252 0.0 61.5 46.4 61.5 77.1 53	1.0 0.417 0.0				
58	56	54	1.0 0.324 0.0	64.7 40.3 64.5 76.0 58	1.0 0.295 0.0 63.4 42.7 63.4 76.4 56	1.0 0.433 0.0	1.0 0.267 0.0 62.1 45.2 62.2 76.9 54	1.0 0.267 0.0 62.1 45.2 62.2 76.9 54	1.0 0.433 0.0				
59	57	56	1.0 0.338 0.0	65.4 39.0 65.0 75.8 59	1.0 0.309 0.0 64.1 41.5 63.9 76.2 57	1.0 0.45 0.0	1.0 0.295 0.0 63.4 42.7 63.4 76.4 56	1.0 0.295 0.0 63.4 42.7 63.4 76.4 56	1.0 0.45 0.0				
60	58	57	1.0 0.352 0.0	66.0 37.8 65.5 75.6 60	1.0 0.324 0.0 64.7 40.3 64.5 76.0 58	1.0 0.467 0.0	1.0 0.309 0.0 64.1 41.5 63.9 76.2 57	1.0 0.309 0.0 64.1 41.5 63.9 76.2 57	1.0 0.467 0.0				
61	59	58	1.0 0.367 0.0	66.7 36.6 65.9 75.4 61	1.0 0.338 0.0 65.4 39.0 65.0 75.8 59	1.0 0.483 0.0	1.0 0.324 0.0 64.7 40.3 64.5 76.0 58	1.0 0.324 0.0 64.7 40.3 64.5 76.0 58	1.0 0.483 0.0				
62	60	59	1.0 0.381 0.0	67.3 35.3 66.5 75.3 62	1.0 0.352 0.0 66.0 37.8 65.5 75.6 60	1.0 0.5 0.0	1.0 0.338 0.0 65.4 39.0 65.0 75.8 59	1.0 0.338 0.0 65.4 39.0 65.0 75.8 59	1.0 0.5 0.0				
63	61	60	1.0 0.395 0.0	67.9 34.2 67.0 75.2 63	1.0 0.367 0.0 66.7 36.6 65.9 75.4 61	1.0 0.517 0.0	1.0 0.352 0.0 66.0 37.8 65.5 75.6 60	1.0 0.352 0.0 66.0 37.8 65.5 75.6 60	1.0 0.517 0.0				
64	62	61	1.0 0.41 0.0	68.6 33.0 67.6 75.2 64	1.0 0.381 0.0 67.3 35.3 66.5 75.3 62	1.0 0.533 0.0	1.0 0.367 0.0 66.7 36.6 65.9 75.4 61	1.0 0.367 0.0 66.7 36.6 65.9 75.4 61	1.0 0.533 0.0				
65	63	62	1.0 0.424 0.0	69.2 31.8 68.2 75.2 65	1.0 0.395 0.0 67.9 34.2 67.0 75.2 63	1.0 0.55 0.0	1.0 0.381 0.0 67.3 35.3 66.5 75.3 62	1.0 0.381 0.0 67.3 35.3 66.5 75.3 62	1.0 0.55 0.0				
66	64	63	1.0 0.439 0.0	69.9 30.6 68.7 75.2 66	1.0 0.41 0.0 68.6 33.0 67.6 75.2 64	1.0 0.567 0.0	1.0 0.395 0.0 67.9 34.2 67.0 75.2 63	1.0 0.395 0.0 67.9 34.2 67.0 75.2 63	1.0 0.567 0.0				
67	65	64	1.0 0.453 0.0	70.5 29.4 69.2 75.2 67	1.0 0.424 0.0 69.2 31.8 68.2 75.2 65	1.0 0.583 0.0	1.0 0.41 0.0 68.6 33.0 67.6 75.2 64	1.0 0.41 0.0 68.6 33.0 67.6 75.2 64	1.0 0.583 0.0				
68	66	66	1.0 0.467 0.0	71.1 28.1 69.7 75.1 68	1.0 0.439 0.0 69.9 30.6 68.7 75.2 66	1.0 0.6 0.0	1.0 0.439 0.0 69.9 30.6 68.7 75.2 66	1.0 0.439 0.0 69.9 30.6 68.7 75.2 66	1.0 0.6 0.0				
69	67	67	1.0 0.482 0.0	71.8 26.9 70.1 75.1 69	1.0 0.453 0.0 70.5 29.4 69.2 75.2 67	1.0 0.617 0.0	1.0 0.453 0.0 70.5 29.4 69.2 75.2 67	1.0 0.453 0.0 70.5 29.4 69.2 75.2 67	1.0 0.617 0.0				
70	68	68	1.0 0.496 0.0	72.4 25.7 70.6 75.1 70	1.0 0.467 0.0 71.1 28.1 69.7 75.1 68	1.0 0.633 0.0	1.0 0.467 0.0 71.1 28.1 69.7 75.1 68	1.0 0.467 0.0 71.1 28.1 69.7 75.1 68	1.0 0.633 0.0				
71	69	69	1.0 0.515 0.0	73.1 24.5 71.2 75.3 71	1.0 0.482 0.0 71.8 26.9 70.1 75.1 69	1.0 0.65 0.0	1.0 0.482 0.0 71.8 26.9 70.1 75.1 69	1.0 0.482 0.0 71.8 26.9 70.1 75.1 69	1.0 0.65 0.0				
72	70	70	1.0 0.536 0.0	73.8 23.3 71.8 75.5 72	1.0 0.496 0.0 72.4 25.7 70.6 75.1 70	1.0 0.667 0.0	1.0 0.496 0.0 72.4 25.7 70.6 75.1 70	1.0 0.496 0.0 72.4 25.7 70.6 75.1 70	1.0 0.667 0.0				
73	71	71	1.0 0.557 0.0	74.4 22.1 72.4 75.7 73	1.0 0.515 0.0 73.1 24.5 71.2 75.3 71	1.0 0.683 0.0	1.0 0.515 0.0 73.1 24.5 71.2 75.3 71	1.0 0.515 0.0 73.1 24.5 71.2 75.3 71	1.0 0.683 0.0				
74	72	72	1.0 0.578 0.0	75.1 20.9 73.0 75.9 74	1.0 0.536 0.0 73.8 23.3 71.8 75.5 72	1.0 0.7 0.0	1.0 0.536 0.0 73.8 23.3 71.8 75.5 72	1.0 0.536 0.0 73.8 23.3 71.8 75.5 72	1.0 0.7 0.0				
75	73	73	1.0 0.599 0.0	75.8 19.7 73.5 76.1 75	1.0 0.557 0.0 74.4 22.1 72.4 75.7 73	1.0 0.717 0.0	1.0 0.557 0.0 74.4 22.1 72.4 75.7 73	1.0 0.557 0.0 74.4 22.1 72.4 75.7 73	1.0 0.717 0.0				
76	74	74	1.0 0.62 0.0	76.5 18.5 74.1 76.4 76	1.0 0.578 0.0 75.1 20.9 73.0 75.9 74	1.0 0.733 0.0	1.0 0.578 0.0 75.1 20.9 73.0 75.9 74	1.0 0.578 0.0 75.1 20.9 73.0 75.9 74	1.0 0.733 0.0				
77	75	76	1.0 0.636 0.0	77.2 17.2 74.5 76.5 77	1.0 0.599 0.0 75.8 19.7 73.5 76.1 75	1.0 0.75 0.0	1.0 0.62 0.0 76.5 18.5 74.1 76.4 76	1.0 0.62 0.0 76.5 18.5 74.1 76.4 76	1.0 0.75 0.0				

OE330-7N, Page of series 13/20, RX0, D50, XYZnw=1.9, 1.9, 1.5, 89.5, 93.2, 74.5, LAB*_{nw}=15.0, 0.5, 1.4, 97.3, -0.6, 2.0, not adapted

Output: laser printer with separation cmyn62*, D65 and D50, page 13/20

TUB-test chart OE33; 48 and 360 step hue circles, Page 13/20
Data of laser printer HRS16_96, separation cmyn62*, D65 and D50

input:

See original or copy: <http://web.me.com/klaus.richter/OE33/OE33L0NA.TXT> /PS
Technical information: <http://www.ps.bam.de> or <http://130.149.60.45/~farbmetrik>

Data of Maximum color M in colorimetric system laser printer with separation cmyn62*, D65 and D50 for input or output; Six hue angles of the 60 degree standard colours s: $h_{ab,s} = 30.0, 90.0, 150.0, 210.0, 270.0, 330.0$; Six hue angles of the device colours d: $h_{ab,d} = 32.3, 95.3, 151.8, 226.0, 293.6, 352.6$; Six hue angles of the elementary colours e: $h_{ab,e} = 25.5, 92.3, 162.2, 217.0, 271.7, 328.6$																																		
$h_{ab,d}$	$h_{ab,s}$	$h_{ab,e}$	$rgb^*_{dd361Mi}$			$LAB^*_{dd361Mix}(x=LabCh)$			$rgb^*_{ds361Mi}$			$LAB^*_{ds361Mix}(x=LabCh)$			rgb^*_{s50M}			$rgb^*_{de361Mi}$			$LAB^*_{de361Mix}(x=LabCh)$			rgb^*_{e50M}			rgb^*_{e50M}							
77	75	76	1.0	0.636	0.0	77.2	17.2	74.5	76.5	77	1.0	0.599	0.0	75.8	19.7	73.5	76.1	75	1.0	0.75	0.0	1.0	0.62	0.0	76.5	18.5	74.1	76.4	76	1.0	0.75	0.0		
78	76	77	1.0	0.651	0.0	78.0	15.9	74.8	76.5	78	1.0	0.62	0.0	76.5	18.5	74.1	76.4	76	1.0	0.767	0.0	1.0	0.636	0.0	77.2	17.2	74.5	76.5	77	1.0	0.767	0.0		
79	77	78	1.0	0.665	0.0	78.7	14.6	75.2	76.6	79	1.0	0.636	0.0	77.2	17.2	74.5	76.5	77	1.0	0.783	0.0	1.0	0.651	0.0	78.0	15.9	74.8	76.5	78	1.0	0.783	0.0		
80	78	79	1.0	0.68	0.0	79.5	13.3	75.5	76.6	80	1.0	0.651	0.0	78.0	15.9	74.8	76.5	78	1.0	0.8	0.0	1.0	0.665	0.0	78.7	14.6	75.2	76.6	79	1.0	0.8	0.0		
81	79	80	1.0	0.695	0.0	80.3	12.0	75.7	76.7	81	1.0	0.665	0.0	78.7	14.6	75.2	76.6	79	1.0	0.817	0.0	1.0	0.68	0.0	79.5	13.3	75.5	76.6	80	1.0	0.817	0.0		
82	80	81	1.0	0.71	0.0	81.0	10.7	76.0	76.7	82	1.0	0.68	0.0	79.5	13.3	75.5	76.6	80	1.0	0.833	0.0	1.0	0.695	0.0	80.3	12.0	75.7	76.7	81	1.0	0.833	0.0		
83	81	82	1.0	0.724	0.0	81.8	9.4	76.2	76.8	83	1.0	0.695	0.0	80.3	12.0	75.7	76.7	81	1.0	0.85	0.0	1.0	0.71	0.0	81.0	10.7	76.0	76.7	82	1.0	0.85	0.0		
84	82	83	1.0	0.739	0.0	82.6	8.0	76.4	76.9	84	1.0	0.71	0.0	81.0	10.7	76.0	76.7	82	1.0	0.867	0.0	1.0	0.724	0.0	81.8	9.4	76.2	76.8	83	1.0	0.867	0.0		
85	83	85	1.0	0.757	0.0	83.4	6.7	76.3	76.6	85	1.0	0.724	0.0	81.8	9.4	76.2	76.8	83	1.0	0.883	0.0	1.0	0.757	0.0	83.4	6.7	76.3	76.6	85	1.0	0.883	0.0		
86	84	86	1.0	0.782	0.0	84.2	5.3	75.3	75.5	86	1.0	0.739	0.0	82.6	8.0	76.4	76.9	84	1.0	0.9	0.0	1.0	0.782	0.0	84.2	5.3	75.3	75.5	86	1.0	0.9	0.0		
87	85	87	1.0	0.807	0.0	85.0	3.9	74.2	74.3	87	1.0	0.757	0.0	83.4	6.7	76.3	76.6	85	1.0	0.917	0.0	1.0	0.807	0.0	85.0	3.9	74.2	74.3	87	1.0	0.917	0.0		
88	86	88	1.0	0.832	0.0	85.8	2.6	73.1	73.2	88	1.0	0.782	0.0	84.2	5.3	75.3	75.5	86	1.0	0.933	0.0	1.0	0.832	0.0	85.8	2.6	73.1	73.2	88	1.0	0.933	0.0		
89	87	89	1.0	0.857	0.0	86.7	1.3	72.0	72.0	89	1.0	0.807	0.0	85.0	3.9	74.2	74.3	87	1.0	0.95	0.0	1.0	0.857	0.0	86.7	1.3	72.0	72.0	89	1.0	0.95	0.0		
90	88	90	1.0	0.882	0.0	87.5	0.0	71.8	71.8	90	1.0	0.832	0.0	85.8	2.6	73.1	73.2	88	1.0	0.967	0.0	1.0	0.882	0.0	87.5	0.0	71.8	71.8	90	1.0	0.967	0.0		
91	89	91	1.0	0.904	0.0	88.4	-1.2	73.8	73.8	91	1.0	0.857	0.0	86.7	1.3	72.0	72.0	89	1.0	0.983	0.0	1.0	0.904	0.0	88.4	-1.2	73.8	73.8	91	1.0	0.983	0.0		
92	90	92	1.0	0.927	0.0	89.2	-2.5	75.7	75.7	92	1.0	0.882	0.0	87.5	0.0	71.8	71.8	90	1.0	1.0	0.0 J_s	1.0	0.927	0.0	89.2	-2.5	75.7	75.7	92	1.0	1.0	0.0 J_e		
93	91	93	1.0	0.949	0.0	90.1	-4.0	77.6	77.7	93	1.0	0.904	0.0	88.4	-1.2	73.8	73.8	91	0.983	1.0	0.0	1.0	0.949	0.0	90.1	-4.0	77.6	77.7	93	0.983	1.0	0.0		
94	92	95	1.0	0.971	0.0	91.0	-5.5	79.4	79.6	94	1.0	0.927	0.0	89.2	-2.5	75.7	75.7	92	0.967	1.0	0.0	1.0	0.994	0.0	91.9	-7.0	81.3	81.6	95	0.967	1.0	0.0		
95	93	96	1.0	0.994	0.0	91.9	-7.0	81.3	81.6	95	1.0	0.949	0.0	90.1	-4.0	77.6	77.7	93	0.95	1.0	0.0	1.0	0.994	0.0	91.9	-7.0	81.3	81.6	95	0.95	1.0	0.0		
96	94	97	0.943	1.0	0.0	93.0	-8.9	85.9	86.3	96	1.0	0.971	0.0	91.0	-5.5	79.4	79.6	94	0.933	1.0	0.0	1.0	0.871	1.0	0.0	93.8	-11.0	90.4	91.1	97	0.933	1.0	0.0	
97	95	98	0.871	1.0	0.0	93.8	-11.0	90.4	91.1	97	1.0	0.994	0.0	91.9	-7.0	81.3	81.6	95	0.917	1.0	0.0	1.0	0.843	1.0	0.0	92.6	-12.4	88.8	89.7	98	0.917	1.0	0.0	
98	96	99	0.843	1.0	0.0	92.6	-12.4	88.8	89.7	98	0.943	1.0	0.0	93.0	-8.9	85.9	86.3	96	0.9	1.0	0.0	1.0	0.815	1.0	0.0	91.4	-13.7	87.1	88.2	99	0.9	1.0	0.0	
99	97	100	0.815	1.0	0.0	91.4	-13.7	87.1	88.2	99	0.871	1.0	0.0	93.8	-11.0	90.4	91.1	97	0.883	1.0	0.0	1.0	0.787	1.0	0.0	90.2	-15.0	85.5	86.8	100	0.883	1.0	0.0	
100	98	102	0.787	1.0	0.0	90.2	-15.0	85.5	86.8	100	0.843	1.0	0.0	92.6	-12.4	88.8	89.7	98	0.867	1.0	0.0	1.0	0.741	1.0	0.0	88.0	-17.4	82.2	84.0	102	0.867	1.0	0.0	
101	99	103	0.76	1.0	0.0	89.1	-16.2	83.8	85.3	101	0.815	1.0	0.0	91.4	-13.7	87.1	88.2	99	0.85	1.0	0.0	1.0	0.727	1.0	0.0	87.1	-18.5	80.7	82.8	103	0.85	1.0	0.0	
102	100	104	0.741	1.0	0.0	88.0	-17.4	82.2	84.0	102	0.787	1.0	0.0	90.2	-15.0	85.5	86.8	100	0.833	1.0	0.0	1.0	0.712	1.0	0.0	86.1	-19.6	79.1	81.5	104	0.833	1.0	0.0	
103	101	105	0.727	1.0	0.0	87.1	-18.5	80.7	82.8	103	0.76	1.0	0.0	89.1	-16.2	83.8	85.3	101	0.817	1.0	0.0	1.0	0.698	1.0	0.0	85.2	-20.7	77.5	80.3	105	0.817	1.0	0.0	
104	102	106	0.712	1.0	0.0	86.1	-19.6	79.1	81.5	104	0.741	1.0	0.0	88.0	-17.4	82.2	84.0	102	0.8	1.0	0.0	1.0	0.684	1.0	0.0	84.2	-21.7	75.9	79.0	106	0.8	1.0	0.0	
105	103	107	0.698	1.0	0.0	85.2	-20.7	77.5	80.3	105	0.727	1.0	0.0	87.1	-18.5	80.7	82.8	103	0.783	1.0	0.0	1.0	0.67	1.0	0.0	83.3	-22.6	74.4	77.8	107	0.783	1.0	0.0	
106	104	109	0.684	1.0	0.0	84.2	-21.7	75.9	79.0	106	0.712	1.0	0.0	86.1	-19.6	79.1	81.5	104	0.767	1.0	0.0	1.0	0.641	1.0	0.0	81.4	-24.4	71.1	75.2	109	0.767	1.0	0.0	
107	105	110	0.67	1.0	0.0	83.3	-22.6	74.4	77.8	107	0.698	1.0	0.0	85.2	-20.7	77.5	80.3	105	0.75	1.0	0.0	1.0	0.627	1.0	0.0	80.4	-25.2	69.5	74.0	110	0.75	1.0	0.0	
108	106	111	0.656	1.0	0.0	82.3	-23.5	72.8	76.5	108	0.684	1.0	0.0	84.2	-21.7	75.9	79.0	106	0.733	1.0	0.0	1.0	0.613	1.0	0.0	79.6	-26.2	68.4	73.3	111	0.733	1.0	0.0	
109	107	112	0.641	1.0	0.0	81.4	-24.4	71.1	75.2	109	0.67	1.0	0.0	83.3	-22.6	74.4	77.8	107	0.717	1.0	0.0	1.0	0.599	1.0	0.0	78.9	-27.1	67.3	72.6	112	0.717	1.0	0.0	
110	108	113	0.627	1.0	0.0	80.4	-25.2	69.5	74.0	110	0.656	1.0	0.0	82.3	-23.5	72.8	76.5	108	0.7	1.0	0.0	1.0	0.585	1.0	0.0	78.1	-28.0	66.3	72.0	113	0.7	1.0	0.0	
111	109	114	0.613	1.0	0.0	79.6	-26.2	68.4	73.3	111	0.641	1.0	0.0	81.4	-24.4																			

See original or copy: <http://web.me.com/klaus.richter/OE33/OE33L0NA.TXT> /PS
Technical information: <http://www.ps.bam.de> or <http://130.149.60.45/~farbmetrik>

Data of Maximum color M in colorimetric system laser printer with separation cmyn62*, D65 and D50 for input or output; Six hue angles of the 60 degree standard colours s: $h_{ab,s} = 30.0, 90.0, 150.0, 210.0, 270.0, 330.0$;
Six hue angles of the device colours d: $h_{ab,d} = 32.3, 95.3, 151.8, 226.0, 293.6, 352.6$; Six hue angles of the elementary colours e: $h_{ab,e} = 25.5, 92.3, 162.2, 217.0, 271.7, 328.6$

$h_{ab,d}$	$h_{ab,s}$	$h_{ab,e}$	$rgb^*_{dd361Mi}$				$LAB^*_{dd361Mix}(x=LabCh)$				$rgb^*_{ds361Mi}$				$LAB^*_{ds361Mix}(x=LabCh)$				rgb^*_{s50M}				$rgb^*_{de361Mi}$				$LAB^*_{de361Mix}(x=LabCh)$				rgb^*_{e50M}				rgb^*_{da}	rgb^*_{ds}	rgb^*_{de}
122	120	127	0.452	1.0	0.0	71.6	-35.5	56.9	67.1	122	0.485	1.0	0.0	72.8	-33.8	58.8	67.9	120	0.5	1.0	0.0	0.37	1.0	0.0	68.5	-39.3	52.2	65.4	127	0.5	1.0	0.0					
123	121	128	0.435	1.0	0.0	70.9	-36.3	56.0	66.8	123	0.468	1.0	0.0	72.2	-34.7	57.8	67.5	121	0.483	1.0	0.0	0.359	1.0	0.0	68.0	-40.1	51.4	65.3	128	0.483	1.0	0.0					
124	122	130	0.418	1.0	0.0	70.3	-37.0	55.0	66.4	124	0.452	1.0	0.0	71.6	-35.5	56.9	67.1	122	0.467	1.0	0.0	0.335	1.0	0.0	67.0	-41.7	49.9	65.1	130	0.467	1.0	0.0					
125	123	131	0.402	1.0	0.0	69.7	-37.8	54.1	66.0	125	0.435	1.0	0.0	70.9	-36.3	56.0	66.8	123	0.45	1.0	0.0	0.324	1.0	0.0	66.5	-42.5	49.0	65.0	131	0.45	1.0	0.0					
126	124	132	0.385	1.0	0.0	69.0	-38.5	53.1	65.6	126	0.418	1.0	0.0	70.3	-37.0	55.0	66.4	124	0.433	1.0	0.0	0.312	1.0	0.0	66.0	-43.3	48.2	64.9	132	0.433	1.0	0.0					
127	125	133	0.37	1.0	0.0	68.5	-39.3	52.2	65.4	127	0.402	1.0	0.0	69.7	-37.8	54.1	66.0	125	0.417	1.0	0.0	0.3	1.0	0.0	65.5	-44.1	47.4	64.8	133	0.417	1.0	0.0					
128	126	134	0.359	1.0	0.0	68.0	-40.1	51.4	65.3	128	0.385	1.0	0.0	69.0	-38.5	53.1	65.6	126	0.4	1.0	0.0	0.289	1.0	0.0	65.0	-44.8	46.5	64.7	134	0.4	1.0	0.0					
129	127	135	0.347	1.0	0.0	67.5	-40.9	50.7	65.2	129	0.37	1.0	0.0	68.5	-39.3	52.2	65.4	127	0.383	1.0	0.0	0.277	1.0	0.0	64.5	-45.6	45.7	64.6	135	0.383	1.0	0.0					
130	128	137	0.335	1.0	0.0	67.0	-41.7	49.9	65.1	130	0.359	1.0	0.0	68.0	-40.1	51.4	65.3	128	0.367	1.0	0.0	0.254	1.0	0.0	63.5	-47.0	43.9	64.4	137	0.367	1.0	0.0					
131	129	138	0.324	1.0	0.0	66.5	-42.5	49.0	65.0	131	0.347	1.0	0.0	67.5	-40.9	50.7	65.2	129	0.35	1.0	0.0	0.24	1.0	0.0	63.0	-47.7	43.1	64.4	138	0.35	1.0	0.0					
132	130	139	0.312	1.0	0.0	66.0	-43.3	48.2	64.9	132	0.335	1.0	0.0	67.0	-41.7	49.9	65.1	130	0.333	1.0	0.0	0.225	1.0	0.0	62.6	-48.5	42.3	64.4	139	0.333	1.0	0.0					
133	131	140	0.3	1.0	0.0	65.5	-44.1	47.4	64.8	133	0.324	1.0	0.0	66.5	-42.5	49.0	65.0	131	0.317	1.0	0.0	0.21	1.0	0.0	62.1	-49.3	41.5	64.5	140	0.317	1.0	0.0					
134	132	141	0.289	1.0	0.0	65.0	-44.8	46.5	64.7	134	0.312	1.0	0.0	66.0	-43.3	48.2	64.9	132	0.3	1.0	0.0	0.194	1.0	0.0	61.6	-50.1	40.6	64.5	141	0.3	1.0	0.0					
135	133	142	0.277	1.0	0.0	64.5	-45.6	45.7	64.6	135	0.3	1.0	0.0	65.5	-44.1	47.4	64.8	133	0.283	1.0	0.0	0.179	1.0	0.0	61.1	-50.8	39.8	64.6	142	0.283	1.0	0.0					
136	134	144	0.266	1.0	0.0	64.0	-46.3	44.8	64.5	136	0.289	1.0	0.0	65.0	-44.8	46.5	64.7	134	0.267	1.0	0.0	0.149	1.0	0.0	60.1	-52.3	38.0	64.7	144	0.267	1.0	0.0					
137	135	145	0.254	1.0	0.0	63.5	-47.0	43.9	64.4	137	0.277	1.0	0.0	64.5	-45.6	45.7	64.6	135	0.25	1.0	0.0	0.134	1.0	0.0	59.6	-53.0	37.2	64.8	145	0.25	1.0	0.0					
138	136	146	0.24	1.0	0.0	63.0	-47.7	43.1	64.4	138	0.266	1.0	0.0	64.0	-46.3	44.8	64.5	136	0.233	1.0	0.0	0.116	1.0	0.0	59.1	-53.7	36.3	64.9	146	0.233	1.0	0.0					
139	137	147	0.225	1.0	0.0	62.6	-48.5	42.3	64.4	139	0.254	1.0	0.0	63.5	-47.0	43.9	64.4	137	0.217	1.0	0.0	0.096	1.0	0.0	58.6	-54.7	35.6	65.3	147	0.217	1.0	0.0					
140	138	148	0.21	1.0	0.0	62.1	-49.3	41.5	64.5	140	0.24	1.0	0.0	63.0	-47.7	43.1	64.4	138	0.2	1.0	0.0	0.076	1.0	0.0	58.1	-55.6	34.8	65.6	148	0.2	1.0	0.0					
141	139	149	0.194	1.0	0.0	61.6	-50.1	40.6	64.5	141	0.225	1.0	0.0	62.6	-48.5	42.3	64.4	139	0.183	1.0	0.0	0.056	1.0	0.0	57.5	-56.4	34.0	66.0	149	0.183	1.0	0.0					
142	140	151	0.179	1.0	0.0	61.1	-50.8	39.8	64.6	142	0.21	1.0	0.0	62.1	-49.3	41.5	64.5	140	0.167	1.0	0.0	0.016	1.0	0.0	56.5	-58.2	32.3	66.6	151	0.167	1.0	0.0					
143	141	152	0.164	1.0	0.0	60.6	-51.5	38.9	64.7	143	0.194	1.0	0.0	61.6	-50.1	40.6	64.5	141	0.15	1.0	0.0	0.0	1.0	0.003	56.1	-58.9	31.4	66.8	152	0.15	1.0	0.0					
144	142	153	0.149	1.0	0.0	60.1	-52.3	38.0	64.7	144	0.179	1.0	0.0	61.1	-50.8	39.8	64.6	142	0.133	1.0	0.0	0.0	1.0	0.017	56.0	-58.9	30.1	66.3	153	0.133	1.0	0.0					
145	143	154	0.134	1.0	0.0	59.6	-53.0	37.2	64.8	145	0.164	1.0	0.0	60.6	-51.5	38.9	64.7	143	0.117	1.0	0.0	0.0	1.0	0.031	55.9	-59.0	28.8	65.7	154	0.117	1.0	0.0					
146	144	155	0.116	1.0	0.0	59.1	-53.7	36.3	64.9	146	0.149	1.0	0.0	60.1	-52.3	38.0	64.7	144	0.1	1.0	0.0	0.0	1.0	0.045	55.8	-59.0	27.5	65.2	155	0.1	1.0	0.0					
147	145	156	0.096	1.0	0.0	58.6	-54.7	35.6	65.3	147	0.134	1.0	0.0	59.6	-53.0	37.2	64.8	145	0.083	1.0	0.0	0.0	1.0	0.059	55.7	-58.9	26.3	64.6	156	0.083	1.0	0.0					
148	146	158	0.076	1.0	0.0	58.1	-55.6	34.8	65.6	148	0.116	1.0	0.0	59.1	-53.7	36.3	64.9	146	0.067	1.0	0.0	0.0	1.0	0.087	55.6	-58.8	23.8	63.5	158	0.067	1.0	0.0					
149	147	159	0.056	1.0	0.0	57.5	-56.4	34.0	66.0	149	0.096	1.0	0.0	58.6	-54.7	35.6	65.3	147	0.05	1.0	0.0	0.0	1.0	0.101	55.5	-58.7	22.6	63.0	159	0.05	1.0	0.0					
150	148	160	0.036	1.0	0.0	57.0	-57.3	33.2	66.3	150	0.076	1.0	0.0	58.1	-55.6	34.8	65.6	148	0.033	1.0	0.0	0.0	1.0	0.116	55.4	-58.6	21.4	62.4	160	0.033	1.0	0.0					
151	149	161	0.016	1.0	0.0	56.5	-58.2	32.3	66.6	151	0.056	1.0	0.0	57.5	-56.4	34.0	66.0	149	0.017	1.0	0.0	0.0	1.0	0.13	55.3	-58.4	20.1	61.9	161	0.017	1.0	0.0					
152	150	162	0.0	1.0	0.003	56.1	-58.9	31.4	66.8	152	0.036	1.0	0.0	57.0	-57.3	33.2	66.3	150	0.0	1.0	0.003	0.0	1.0	0.144	55.4	-58.1	18.9	61.2	162	0.0	1.0	0.003					
153	151	163	0.0	1.0	0.017	56.0	-58.9	30.1	66.3	153	0.016	1.0	0.0	56.5	-58.2	32.3	66.6	151	0.0	1.0	0.017	0.0	1.0	0.158	55.4	-57.8	17.7	60.6	163	0.0	1.0	0.017					
154	152	164	0.0	1.0	0.031	55.9	-59.0	28.8	65.7	154	0.0	1.0	0.003	56.1	-58.9	31.4	66.8	152	0.0	1.0	0.033	0.0	1.0	0.172	55.4	-57.5	16.5	60.0	164	0.0	1.0	0.033					
155	153	165	0.0	1.0	0.045	55.8	-59.0	27.5	65.2	155	0.0	1.0	0.017	56.0	-58.9	30.1	66.3	153	0.0	1.0	0.05	0.0	1.0	0.186	55.4	-57.2	15.4	59.3	165								

OE330-7N, Page of series 15/20, RX0, D50, XYZnw=1.9, 1.9, 1.5, 89.5, 93.2, 74.5, LAB*_{nw}=15

Data of Maximum color M in colorimetric system laser printer with separation cmyn62*, D65 and D50 for input or output; Six hue angles of the 60 degree standard colours s: $h_{ab,s} = 30.0, 90.0, 150.0, 210.0, 270.0, 330.0$;												Six hue angles of the device colours d: $h_{ab,d} = 32.3, 95.3, 151.8, 226.0, 293.6, 352.6$; Six hue angles of the elementary colours e: $h_{ab,e} = 25.5, 92.3, 162.2, 217.0, 271.7, 328.6$																					
$h_{ab,d}$	$h_{ab,s}$	$h_{ab,e}$	$rgb^*_{dd361Mi}$		$LAB^*_{dd361Mix}(x=LabCh)$				$rgb^*_{ds361Mi}$		$LAB^*_{ds361Mix}(x=LabCh)$				rgb^*_{s50M}		$rgb^*_{de361Mi}$		$LAB^*_{de361Mix}(x=LabCh)$				rgb^*_{e50M}		rgb^*_{dd}								
167	165	176	0.0	1.0	0.215	55.5	-56.5	13.1	58.1	167	0.0	1.0	0.186	55.4	-57.2	15.4	59.3	165	0.0	1.0	0.25	0.0	1.0	0.337	55.7	-54.0	3.8	54.3	176	0.0	1.0	0.25	
168	166	177	0.0	1.0	0.229	55.5	-56.1	11.9	57.4	168	0.0	1.0	0.2	55.5	-56.8	14.2	58.7	166	0.0	1.0	0.267	0.0	1.0	0.35	55.7	-53.8	2.8	53.9	177	0.0	1.0	0.267	
169	167	178	0.0	1.0	0.243	55.5	-55.6	10.8	56.8	169	0.0	1.0	0.215	55.5	-56.5	13.1	58.1	167	0.0	1.0	0.283	0.0	1.0	0.364	55.7	-53.5	1.9	53.6	178	0.0	1.0	0.283	
170	168	179	0.0	1.0	0.257	55.6	-55.3	9.8	56.3	170	0.0	1.0	0.229	55.5	-56.1	11.9	57.4	168	0.0	1.0	0.3	0.0	1.0	0.377	55.8	-53.1	0.9	53.3	179	0.0	1.0	0.3	
171	169	180	0.0	1.0	0.27	55.6	-55.2	8.8	56.0	171	0.0	1.0	0.243	55.5	-55.6	10.8	56.8	169	0.0	1.0	0.317	0.0	1.0	0.391	55.8	-52.8	0.0	52.9	180	0.0	1.0	0.317	
172	170	180	0.0	1.0	0.283	55.6	-55.0	7.7	55.6	172	0.0	1.0	0.257	55.6	-55.3	9.8	56.3	170	0.0	1.0	0.333	0.0	1.0	0.391	55.8	-52.8	0.0	52.9	180	0.0	1.0	0.333	
173	171	181	0.0	1.0	0.297	55.6	-54.8	6.7	55.3	173	0.0	1.0	0.27	55.6	-55.2	8.8	56.0	171	0.0	1.0	0.35	0.0	1.0	0.405	55.9	-52.4	-0.8	52.5	181	0.0	1.0	0.35	
174	172	182	0.0	1.0	0.31	55.6	-54.5	5.7	54.9	174	0.0	1.0	0.283	55.6	-55.0	7.7	55.6	172	0.0	1.0	0.367	0.0	1.0	0.419	56.0	-52.1	-1.7	52.2	182	0.0	1.0	0.367	
175	173	183	0.0	1.0	0.324	55.7	-54.3	4.8	54.6	175	0.0	1.0	0.297	55.6	-54.8	6.7	55.3	173	0.0	1.0	0.383	0.0	1.0	0.432	56.0	-51.7	-2.6	51.8	183	0.0	1.0	0.383	
176	174	184	0.0	1.0	0.337	55.7	-54.0	3.8	54.3	176	0.0	1.0	0.31	55.6	-54.5	5.7	54.9	174	0.0	1.0	0.4	0.0	1.0	0.446	56.1	-51.2	-3.5	51.5	184	0.0	1.0	0.4	
177	175	185	0.0	1.0	0.35	55.7	-53.8	2.8	53.9	177	0.0	1.0	0.324	55.7	-54.3	4.8	54.6	175	0.0	1.0	0.417	0.0	1.0	0.46	56.2	-50.8	-4.4	51.1	185	0.0	1.0	0.417	
178	176	186	0.0	1.0	0.364	55.7	-53.5	1.9	53.6	178	0.0	1.0	0.337	55.7	-54.0	3.8	54.3	176	0.0	1.0	0.433	0.0	1.0	0.474	56.2	-50.4	-5.2	50.8	186	0.0	1.0	0.433	
179	177	187	0.0	1.0	0.377	55.8	-53.1	0.9	53.3	179	0.0	1.0	0.35	55.7	-53.8	2.8	53.9	177	0.0	1.0	0.45	0.0	1.0	0.488	56.3	-49.9	-6.0	50.4	187	0.0	1.0	0.45	
180	178	188	0.0	1.0	0.391	55.8	-52.8	0.0	52.9	180	0.0	1.0	0.364	55.7	-53.5	1.9	53.6	178	0.0	1.0	0.467	0.0	1.0	0.501	56.3	-49.5	-6.9	50.1	188	0.0	1.0	0.467	
181	179	189	0.0	1.0	0.405	55.9	-52.4	-0.8	52.5	181	0.0	1.0	0.377	55.8	-53.1	0.9	53.3	179	0.0	1.0	0.483	0.0	1.0	0.513	56.3	-49.3	-7.7	50.0	189	0.0	1.0	0.483	
182	180	190	0.0	1.0	0.419	56.0	-52.1	-1.7	52.2	182	0.0	1.0	0.391	55.8	-52.8	0.0	52.9	180	0.0	1.0	0.5	0.0	1.0	0.525	56.3	-49.1	-8.6	49.9	190	0.0	1.0	0.5	
183	181	191	0.0	1.0	0.432	56.0	-51.7	-2.6	51.8	183	0.0	1.0	0.405	55.9	-52.4	-0.8	52.5	181	0.0	1.0	0.517	0.0	1.0	0.536	56.3	-48.8	-9.4	49.8	191	0.0	1.0	0.517	
184	182	191	0.0	1.0	0.446	56.1	-51.2	-3.5	51.5	184	0.0	1.0	0.419	56.0	-52.1	-1.7	52.2	182	0.0	1.0	0.533	0.0	1.0	0.536	56.3	-48.8	-9.4	49.8	191	0.0	1.0	0.533	
185	183	192	0.0	1.0	0.46	56.2	-50.8	-4.4	51.1	185	0.0	1.0	0.432	56.0	-51.7	-2.6	51.8	183	0.0	1.0	0.55	0.0	1.0	0.548	56.2	-48.6	-10.2	49.7	192	0.0	1.0	0.55	
186	184	193	0.0	1.0	0.474	56.2	-50.4	-5.2	50.8	186	0.0	1.0	0.446	56.1	-51.2	-3.5	51.5	184	0.0	1.0	0.567	0.0	1.0	0.56	56.2	-48.3	-11.1	49.7	193	0.0	1.0	0.567	
187	185	194	0.0	1.0	0.488	56.3	-49.9	-6.0	50.4	187	0.0	1.0	0.46	56.2	-50.8	-4.4	51.1	185	0.0	1.0	0.583	0.0	1.0	0.571	56.2	-48.0	-11.9	49.6	194	0.0	1.0	0.583	
188	186	195	0.0	1.0	0.501	56.3	-49.5	-6.9	50.1	188	0.0	1.0	0.474	56.2	-50.4	-5.2	50.8	186	0.0	1.0	0.6	0.0	1.0	0.583	56.2	-47.7	-12.7	49.5	195	0.0	1.0	0.6	
189	187	196	0.0	1.0	0.513	56.3	-49.3	-7.7	50.0	189	0.0	1.0	0.488	56.3	-49.9	-6.0	50.4	187	0.0	1.0	0.617	0.0	1.0	0.595	56.2	-47.4	-13.5	49.4	196	0.0	1.0	0.617	
190	188	197	0.0	1.0	0.525	56.3	-49.1	-8.6	49.9	190	0.0	1.0	0.501	56.3	-49.5	-6.9	50.1	188	0.0	1.0	0.633	0.0	1.0	0.606	56.1	-47.1	-14.3	49.3	197	0.0	1.0	0.633	
191	189	198	0.0	1.0	0.536	56.3	-48.8	-9.4	49.8	191	0.0	1.0	0.513	56.3	-49.3	-7.7	50.0	189	0.0	1.0	0.65	0.0	1.0	0.618	56.1	-46.7	-15.1	49.3	198	0.0	1.0	0.65	
192	190	199	0.0	1.0	0.548	56.2	-48.6	-10.2	49.7	192	0.0	1.0	0.525	56.3	-49.1	-8.6	49.9	190	0.0	1.0	0.667	0.0	1.0	0.632	56.1	-46.5	-15.9	49.2	199	0.0	1.0	0.667	
193	191	200	0.0	1.0	0.56	56.2	-48.3	-11.1	49.7	193	0.0	1.0	0.536	56.3	-48.8	-9.4	49.8	191	0.0	1.0	0.683	0.0	1.0	0.648	56.0	-46.3	-16.8	49.3	200	0.0	1.0	0.683	
194	192	201	0.0	1.0	0.571	56.2	-48.0	-11.9	49.6	194	0.0	1.0	0.548	56.2	-48.6	-10.2	49.7	192	0.0	1.0	0.7	0.0	1.0	0.665	55.9	-46.0	-17.6	49.4	201	0.0	1.0	0.7	
195	193	201	0.0	1.0	0.583	56.2	-47.7	-12.7	49.5	195	0.0	1.0	0.56	56.2	-48.3	-11.1	49.7	193	0.0	1.0	0.717	0.0	1.0	0.665	55.9	-46.0	-17.6	49.4	201	0.0	1.0	0.717	
196	194	202	0.0	1.0	0.595	56.2	-47.4	-13.5	49.4	196	0.0	1.0	0.571	56.2	-48.0	-11.9	49.6	194	0.0	1.0	0.733	0.0	1.0	0.682	55.8	-45.8	-18.4	49.5	202	0.0	1.0	0.733	
197	195	203	0.0	1.0	0.606	56.1	-47.1	-14.3	49.3	197	0.0	1.0	0.583	56.2	-47.7	-12.7	49.5	195	0.0	1.0	0.75	0.0	1.0	0.699	55.7	-45.6	-19.3	49.6	203	0.0	1.0	0.75	
198	196	204	0.0	1.0	0.618	56.1	-46.7	-15.1	49.3	198	0.0	1.0	0.595	56.2	-47.4	-13.5	49.4	196	0.0	1.0	0.767	0.0	1.0	0.715	55.6	-45.3	-20.1	49.7	204	0.0	1.0	0.767	
199	197	205	0.0	1.0	0.632	56.1	-46.5	-15.9	49.2	199	0.0	1.0	0.606	56.1	-47.1	-14.3	49.3	197	0.0	1.0	0.783	0.0	1.0	0.732	55.5	-45.0	-20.9	49.8	205	0.0	1.0	0.783	
200	198	206	0.0	1.0	0.648	56.0	-46.3	-16.8	49.3	200	0.0	1.0	0.618	56.1	-46.7	-15.1	49.3	198	0.0	1.0	0.8	0.0	1.0	0.749	55.4	-44.7	-21.8	49.9	206	0.0	1.0	0.8	
201	199	207	0.0	1.0	0.665	55.9	-46.0	-17.6	49.4	201	0.0	1.0	0.632	56.1	-46.5	-15.9	49.2	199	0.0	1.0	0.817	0.0	1.0	0.763	55.2	-44.6	-22.7	50.2	207	0.0	1.0	0.817	
202	200	208	0.0	1.0	0.682	55.8	-45.8	-18.4	49.5	202	0.0	1.0	0.648	56.0	-46.3	-16.8	49.3	200	0.0	1.0	0.833	0.0	1.0	0.778	55.0	-44.5	-23.6	50.5	208	0.0	1.0	0.833	
203	201	209	0.0	1.0	0.699	55.7	-45.6	-19.3	49.6	203	0.0	1.0	0.665	55.9	-46.0	-17.6	49.4	201	0.0	1.0	0.85	0.0	1.0	0.792	54.8	-44.4	-24.6	50.9	209	0.0	1.0	0.85	
204	202	210	0.0	1.0	0.715	55.6	-45.3	-20.1	49.7	204	0.0	1.0	0.682	55.8	-45.8	-18.4	49.5	202	0.0	1.0	0.86												

Data of Maximum color M in colorimetric system laser printer with separation cmyn62*, D65 and D50 for input or output; Six hue angles of the 60 degree standard colours s: $h_{ab,s} = 30.0, 90.0, 150.0, 210.0, 270.0, 330.0$; Six hue angles of the device colours d: $h_{ab,d} = 32.3, 95.3, 151.8, 226.0, 293.6, 352.6$; Six hue angles of the elementary colours e: $h_{ab,e} = 25.5, 92.3, 162.2, 217.0, 271.7, 328.6$														
$h_{ab,d}$	$h_{ab,s}$	$h_{ab,e}$	$rgb^*_{dd361Mi}$	$LAB^*_{dd361Mix(x=LabCh)}$	$rgb^*_{ds361Mi}$	$LAB^*_{ds361Mix(x=LabCh)}$	rgb^*_{s50M}	$rgb^*_{de361Mi}$	$LAB^*_{de361Mix(x=LabCh)}$	rgb^*_{e50M}	rgb^*_{dd}	rgb^*_{ds}	rgb^*_{de}	
212	210	217	0.0	1.0	0.835	54.2	-43.9	-27.4	51.9	212	0.0	1.0	0.835	54.2
213	211	218	0.0	1.0	0.849	54.0	-43.7	-28.3	52.2	213	0.0	1.0	0.849	54.0
214	212	219	0.0	1.0	0.863	53.8	-43.5	-29.3	52.6	214	0.0	1.0	0.863	53.8
215	213	220	0.0	1.0	0.877	53.6	-43.3	-30.3	52.9	215	0.0	1.0	0.877	53.6
216	214	221	0.0	1.0	0.888	53.3	-43.2	-31.4	53.5	216	0.0	1.0	0.888	53.3
217	215	222	0.0	1.0	0.899	53.0	-43.1	-32.5	54.1	217	0.0	1.0	0.899	53.0
218	216	222	0.0	1.0	0.911	52.6	-43.0	-33.6	54.7	218	0.0	1.0	0.911	52.6
219	217	223	0.0	1.0	0.922	52.3	-42.8	-34.7	55.2	219	0.0	1.0	0.922	52.3
220	218	224	0.0	1.0	0.933	52.0	-42.6	-35.8	55.8	220	0.0	1.0	0.933	52.0
221	219	225	0.0	1.0	0.944	51.7	-42.4	-36.9	56.4	221	0.0	1.0	0.944	51.7
222	220	226	0.0	1.0	0.955	51.4	-42.2	-38.0	56.9	222	0.0	1.0	0.955	51.4
223	221	227	0.0	1.0	0.966	51.1	-42.0	-39.1	57.5	223	0.0	1.0	0.966	51.1
224	222	228	0.0	1.0	0.977	50.8	-41.7	-40.2	58.1	224	0.0	1.0	0.977	50.8
225	223	229	0.0	1.0	0.989	50.4	-41.4	-41.4	58.6	225	0.0	1.0	0.989	50.4
226	224	230	0.0	1.0	1.0	50.1	-41.0	-42.5	59.2	226	0.0	1.0	1.0	50.1
227	225	231	0.0	0.954	1.0	49.8	-40.6	-43.5	59.7	227	0.0	0.954	1.0	49.8
228	226	232	0.0	0.907	1.0	49.5	-40.1	-44.6	60.1	228	0.0	0.907	1.0	49.5
229	227	232	0.0	0.866	1.0	49.3	-39.6	-45.6	60.5	229	0.0	0.866	1.0	49.3
230	228	233	0.0	0.838	1.0	49.3	-39.0	-46.5	60.8	230	0.0	0.838	1.0	49.3
231	229	234	0.0	0.81	1.0	49.2	-38.3	-47.3	61.0	231	0.0	0.81	1.0	49.2
232	230	235	0.0	0.781	1.0	49.2	-37.6	-48.2	61.3	232	0.0	0.781	1.0	49.2
233	231	236	0.0	0.753	1.0	49.2	-37.0	-49.1	61.6	233	0.0	0.753	1.0	49.2
234	232	237	0.0	0.734	1.0	48.8	-36.0	-49.6	61.4	234	0.0	0.734	1.0	48.8
235	233	238	0.0	0.715	1.0	48.4	-35.0	-50.0	61.2	235	0.0	0.715	1.0	48.4
236	234	239	0.0	0.697	1.0	48.0	-34.0	-50.5	61.0	236	0.0	0.697	1.0	48.0
237	235	240	0.0	0.679	1.0	47.6	-33.0	-50.9	60.8	237	0.0	0.679	1.0	47.6
238	236	241	0.0	0.66	1.0	47.2	-32.0	-51.3	60.6	238	0.0	0.66	1.0	47.2
239	237	242	0.0	0.642	1.0	46.7	-31.0	-51.6	60.3	239	0.0	0.642	1.0	46.7
240	238	243	0.0	0.623	1.0	46.3	-30.0	-51.9	60.1	240	0.0	0.623	1.0	46.3
241	239	243	0.0	0.604	1.0	45.7	-28.8	-52.0	59.5	241	0.0	0.604	1.0	45.7
242	240	244	0.0	0.585	1.0	45.1	-27.6	-51.9	58.9	242	0.0	0.585	1.0	45.1
243	241	245	0.0	0.566	1.0	44.5	-26.4	-51.9	58.4	243	0.0	0.566	1.0	44.5
244	242	246	0.0	0.547	1.0	43.9	-25.2	-51.8	57.8	244	0.0	0.547	1.0	43.9
245	243	247	0.0	0.528	1.0	43.3	-24.1	-51.7	57.2	245	0.0	0.528	1.0	43.3
246	244	248	0.0	0.508	1.0	42.7	-22.9	-51.6	56.6	246	0.0	0.508	1.0	42.7
247	245	249	0.0	0.492	1.0	42.1	-21.8	-51.6	56.2	247	0.0	0.492	1.0	42.1
248	246	250	0.0	0.478	1.0	41.6	-20.8	-51.6	55.8	248	0.0	0.478	1.0	41.6
249	247	251	0.0	0.464	1.0	41.0	-19.8	-51.7	55.5	249	0.0	0.464	1.0	41.0
250	248	252	0.0	0.45	1.0	40.5	-18.7	-51.7	55.1	250	0.0	0.45	1.0	40.5
251	249	253	0.0	0.436	1.0	39.9	-17.7	-51.7	54.7	251	0.0	0.436	1.0	39.9
252	250	253	0.0	0.422	1.0	39.4	-16.7	-51.6	54.4	252	0.0	0.422	1.0	39.4
253	251	254	0.0	0.408	1.0	38.8	-15.7	-51.6	54.0	253	0.0	0.408	1.0	38.8
254	252	255	0.0	0.394	1.0	38.3	-14.7	-51.5	53.7	254	0.0	0.394	1.0	38.3
255	253	256	0.0	0.38	1.0	37.7	-13.7	-51.4	53.3	255	0.0	0.38	1.0	37.7
256	254	257	0.0	0.368	1.0	37.3	-12.7	-51.4	53.1	256	0.0	0.368	1.0	37.3
257	255	258	0.0	0.356	1.0	36.8	-11.8	-51.4	52.9	257	0.0	0.356	1.0	36.8

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$h_{ab,d}$	$h_{ab,s}$	$h_{ab,e}$	$rgb^*_{dd361Mi}$	$LAB^*_{dd361Mix}(x=LabCh)$			$rgb^*_{ds361Mi}$	$LAB^*_{ds361Mix}(x=LabCh)$			rgb^*_{s50M}	$rgb^*_{de361Mi}$	$LAB^*_{de361Mix}(x=LabCh)$			rgb^*_{e50M}	rgb^*_{dd}						
257	255	258	0.0	0.356	1.0	36.8	-11.8	-51.4	52.9	257	0.0	0.344	1.0	36.3	-10.9	-51.4	52.7	258	0.0	0.25	1.0		
258	256	259	0.0	0.344	1.0	36.3	-10.9	-51.4	52.7	258	0.0	0.333	1.0	35.9	-9.9	-51.5	52.5	259	0.0	0.233	1.0		
259	257	260	0.0	0.333	1.0	35.9	-9.9	-51.5	52.5	259	0.0	0.321	1.0	35.4	-9.0	-51.5	52.3	260	0.0	0.217	1.0		
260	258	261	0.0	0.321	1.0	35.4	-9.0	-51.5	52.3	260	0.0	0.31	1.0	35.0	-8.1	-51.4	52.2	261	0.0	0.2	1.0		
261	259	262	0.0	0.31	1.0	35.0	-8.1	-51.4	52.2	261	0.0	0.298	1.0	34.5	-7.1	-51.4	52.0	262	0.0	0.183	1.0		
262	260	263	0.0	0.298	1.0	34.5	-7.1	-51.4	52.0	262	0.0	0.286	1.0	34.0	-6.2	-51.3	51.8	263	0.0	0.167	1.0		
263	261	264	0.0	0.286	1.0	34.0	-6.2	-51.3	51.8	263	0.0	0.275	1.0	33.6	-5.3	-51.3	51.6	264	0.0	0.15	1.0		
264	262	264	0.0	0.275	1.0	33.6	-5.3	-51.3	51.6	264	0.0	0.263	1.0	33.1	-4.4	-51.2	51.5	265	0.0	0.133	1.0		
265	263	265	0.0	0.263	1.0	33.1	-4.4	-51.2	51.5	265	0.0	0.252	1.0	32.7	-3.5	-51.1	51.3	266	0.0	0.117	1.0		
266	264	266	0.0	0.252	1.0	32.7	-3.5	-51.1	51.3	266	0.0	0.243	1.0	32.6	-2.6	-50.9	51.1	267	0.0	0.1	1.0		
267	265	267	0.0	0.243	1.0	32.6	-2.6	-50.9	51.1	267	0.0	0.234	1.0	32.6	-1.7	-50.7	50.8	268	0.0	0.083	1.0		
268	266	268	0.0	0.234	1.0	32.6	-1.7	-50.7	50.8	268	0.0	0.226	1.0	32.6	-0.8	-50.5	50.6	269	0.0	0.067	1.0		
269	267	269	0.0	0.226	1.0	32.6	-0.8	-50.5	50.6	269	0.0	0.217	1.0	32.6	0.0	-50.2	50.3	270	0.0	0.05	1.0		
270	268	270	0.0	0.217	1.0	32.6	0.0	-50.2	50.3	270	0.0	0.209	1.0	32.6	0.9	-50.0	50.1	271	0.0	0.033	1.0		
271	269	271	0.0	0.209	1.0	32.6	0.9	-50.0	50.1	271	0.0	0.2	1.0	32.6	1.7	-49.7	49.9	272	0.0	0.017	1.0		
272	270	272	0.0	0.2	1.0	32.6	1.7	-49.7	49.9	272	0.0	0.192	1.0	32.6	2.6	-49.5	49.6	273	0.0	0.0	1.0		
273	271	273	0.0	0.192	1.0	32.6	2.6	-49.5	49.6	273	0.0	0.183	1.0	32.6	3.4	-49.2	49.4	274	0.0	0.017	0.0		
274	272	274	0.0	0.183	1.0	32.6	3.4	-49.2	49.4	274	0.0	0.175	1.0	32.6	4.3	-48.9	49.1	275	0.0	0.033	0.0		
275	273	275	0.0	0.175	1.0	32.6	4.3	-48.9	49.1	275	0.0	0.167	1.0	32.6	5.1	-48.5	48.9	276	0.0	0.05	0.0		
276	274	276	0.0	0.167	1.0	32.6	5.1	-48.5	48.9	276	0.0	0.158	1.0	32.6	5.9	-48.2	48.7	277	0.0	0.067	0.0		
277	275	276	0.0	0.158	1.0	32.6	5.9	-48.2	48.7	277	0.0	0.15	1.0	32.6	6.7	-47.8	48.4	278	0.0	0.083	0.0		
278	276	277	0.0	0.15	1.0	32.6	6.7	-47.8	48.4	278	0.0	0.141	1.0	32.6	7.5	-47.5	48.2	279	0.0	0.1	0.0		
279	277	278	0.0	0.141	1.0	32.6	7.5	-47.5	48.2	279	0.0	0.133	1.0	32.6	8.3	-47.1	47.9	280	0.0	0.117	0.0		
280	278	279	0.0	0.133	1.0	32.6	8.3	-47.1	47.9	280	0.0	0.124	1.0	32.6	9.1	-46.7	47.7	281	0.0	0.133	0.0		
281	279	280	0.0	0.124	1.0	32.6	9.1	-46.7	47.7	281	0.0	0.114	1.0	32.4	9.9	-46.6	47.7	282	0.0	0.15	0.0		
282	280	281	0.0	0.114	1.0	32.4	9.9	-46.6	47.7	282	0.0	0.104	1.0	32.2	10.7	-46.4	47.8	283	0.0	0.167	0.0		
283	281	282	0.0	0.104	1.0	32.2	10.7	-46.4	47.8	283	0.0	0.095	1.0	32.0	11.6	-46.3	47.8	284	0.0	0.183	0.0		
284	282	283	0.0	0.095	1.0	32.0	11.6	-46.3	47.8	284	0.0	0.085	1.0	31.9	12.4	-46.1	47.8	285	0.0	0.2	0.0		
285	283	284	0.0	0.085	1.0	31.9	12.4	-46.1	47.8	285	0.0	0.075	1.0	31.7	13.2	-45.9	47.8	286	0.0	0.217	0.0		
286	284	285	0.0	0.075	1.0	31.7	13.2	-45.9	47.8	286	0.0	0.065	1.0	31.5	14.0	-45.6	47.8	287	0.0	0.233	0.0		
287	285	286	0.0	0.065	1.0	31.5	14.0	-45.6	47.8	287	0.0	0.055	1.0	31.3	14.8	-45.4	47.8	288	0.0	0.25	0.0		
288	286	287	0.0	0.055	1.0	31.3	14.8	-45.4	47.8	288	0.0	0.045	1.0	31.1	15.6	-45.1	47.9	289	0.0	0.267	0.0		
289	287	288	0.0	0.045	1.0	31.1	15.6	-45.1	47.9	289	0.0	0.035	1.0	31.0	16.4	-44.9	47.9	290	0.0	0.283	0.0		
290	288	289	0.0	0.035	1.0	31.0	16.4	-44.9	47.9	290	0.0	0.026	1.0	30.8	17.2	-44.6	47.9	291	0.0	0.3	0.0		
291	289	290	0.0	0.026	1.0	30.8	17.2	-44.6	47.9	291	0.0	0.016	1.0	30.6	17.9	-44.3	47.9	292	0.0	0.317	0.0		
292	290	291	0.0	0.016	1.0	30.6	17.9	-44.3	47.9	292	0.0	0.006	1.0	30.4	18.7	-44.0	47.9	293	0.0	0.333	0.0		
293	291	292	0.0	0.006	1.0	30.4	18.7	-44.0	47.9	293	0.0	0.005	0.0	30.3	19.5	-43.7	48.0	294	0.0	0.35	0.0		
294	292	293	0.005	0.0	1.0	30.3	19.5	-43.7	48.0	294	0.0	0.005	0.0	30.3	19.5	-43.7	48.0	294	0.0	0.367	0.0		
295	293	294	0.017	0.0	1.0	30.3	20.3	-43.5	48.1	295	0.005	0.0	1.0	30.3	19.5	-43.7	48.0	294	0.005	0.383	0.0		
296	294	294	0.029	0.0	1.0	30.3	21.1	-43.2	48.2	296	0.005	0.0	1.0	30.3	19.5	-43.7	48.0	294	0.005	0.4	0.0		
297	295	295	0.042	0.0	1.0	30.3	21.9	-42.9	48.3	297	0.017	0.0	1.0	30.3	20.3	-43.5	48.1	295	0.017	0.4	0.0		
298	296	296	0.054	0.0	1.0	30.4	22.7	-42.6	48.4	298	0.029	0.0	1.0	30.3	21.1	-43.2	48.2	296	0.029	0.417	0.0		
299	297	297	0.066	0.0	1.0	30.4	23.5	-42.3	48.5	299	0.042	0.0	1.0	30.3	21.9	-42.9	48.3	297	0.042	0.433	0.0		
300	298	298	0.078	0.0	1.0	30.4	24.3	-41.9	48.6	300	0.054	0.0	1.0	30.4	22.7	-42.6	48.4	298	0.054	0.45	0.0		
301	299	299	0.09	0.0	1.0	30.4	25.1	-41.6	48.7	301	0.066	0.0	1.0	30.4	23.5	-42.3	48.5	299	0.066	0.467	0.0		
302	300	300	0.102	0.0	1.0	30.4	25.8	-41.2	48.7	302	0.078	0.0	1.0	30.4	24.3	-41.9	48.6	300	0.078	0.483	0.0		

See original or copy: <http://web.me.com/klaus.richter/OE33/OE33L0NA.TXT> /PS
Technical information: <http://www.ps.bam.de> or <http://130.149.60.45/~farbmetrik>

Data of Maximum color M in colorimetric system laser printer with separation cmyn62*, D65 and D50 for input or output; Six hue angles of the 60 degree standard colours s: $h_{ab,s} = 30.0, 90.0, 150.0, 210.0, 270.0, 330.0$; Six hue angles of the device colours d: $h_{ab,d} = 32.3, 95.3, 151.8, 226.0, 293.6, 352.6$; Six hue angles of the elementary colours e: $h_{ab,e} = 25.5, 92.3, 162.2, 217.0, 271.7, 328.6$																							
$h_{ab,d}$	$h_{ab,s}$	$h_{ab,e}$	$rgb^*_{dd361Mi}$	$LAB^*_{dd361Mix}$ (x=LabCh)	$rgb^*_{ds361Mi}$	$LAB^*_{ds361Mix}$ (x=LabCh)	rgb^*_{s50M}	$rgb^*_{de361Mi}$	$LAB^*_{de361Mix}$ (x=LabCh)	rgb^*_{e50M}	rgb^*_{dd}	rgb^*_{ds}	rgb^*_{de}										
302	300	300	0.102 0.0 1.0	30.4 25.8 -41.2 48.7 302	0.078 0.0 1.0	30.4 24.3 -41.9 48.6 300	0.5 0.0 1.0	0.078 0.0 1.0	30.4 24.3 -41.9 48.6 300	0.5 0.0 1.0													
303	301	301	0.115 0.0 1.0	30.4 26.6 -40.9 48.8 303	0.09 0.0 1.0	30.4 25.1 -41.6 48.7 301	0.517 0.0 1.0	0.09 0.0 1.0	30.4 25.1 -41.6 48.7 301	0.517 0.0 1.0													
304	302	302	0.127 0.0 1.0	30.4 27.4 -40.5 49.0 304	0.102 0.0 1.0	30.4 25.8 -41.2 48.7 302	0.533 0.0 1.0	0.102 0.0 1.0	30.4 25.8 -41.2 48.7 302	0.533 0.0 1.0													
305	303	303	0.137 0.0 1.0	30.5 28.2 -40.1 49.1 305	0.115 0.0 1.0	30.4 26.6 -40.9 48.8 303	0.55 0.0 1.0	0.115 0.0 1.0	30.4 26.6 -40.9 48.8 303	0.55 0.0 1.0													
306	304	304	0.148 0.0 1.0	30.5 29.0 -39.8 49.3 306	0.127 0.0 1.0	30.4 27.4 -40.5 49.0 304	0.567 0.0 1.0	0.127 0.0 1.0	30.4 27.4 -40.5 49.0 304	0.567 0.0 1.0													
307	305	305	0.158 0.0 1.0	30.5 29.8 -39.4 49.5 307	0.137 0.0 1.0	30.5 28.2 -40.1 49.1 305	0.583 0.0 1.0	0.137 0.0 1.0	30.5 28.2 -40.1 49.1 305	0.583 0.0 1.0													
308	306	306	0.169 0.0 1.0	30.5 30.6 -39.0 49.7 308	0.148 0.0 1.0	30.5 29.0 -39.8 49.3 306	0.6 0.0 1.0	0.148 0.0 1.0	30.5 29.0 -39.8 49.3 306	0.6 0.0 1.0													
309	307	307	0.179 0.0 1.0	30.6 31.4 -38.6 49.8 309	0.158 0.0 1.0	30.5 29.8 -39.4 49.5 307	0.617 0.0 1.0	0.158 0.0 1.0	30.5 29.8 -39.4 49.5 307	0.617 0.0 1.0													
310	308	308	0.19 0.0 1.0	30.6 32.2 -38.2 50.0 310	0.169 0.0 1.0	30.5 30.6 -39.0 49.7 308	0.633 0.0 1.0	0.169 0.0 1.0	30.5 30.6 -39.0 49.7 308	0.633 0.0 1.0													
311	309	309	0.2 0.0 1.0	30.6 32.9 -37.8 50.2 311	0.179 0.0 1.0	30.6 31.4 -38.6 49.8 309	0.65 0.0 1.0	0.179 0.0 1.0	30.6 31.4 -38.6 49.8 309	0.65 0.0 1.0													
312	310	310	0.211 0.0 1.0	30.6 33.7 -37.3 50.4 312	0.19 0.0 1.0	30.6 32.2 -38.2 50.0 310	0.667 0.0 1.0	0.19 0.0 1.0	30.6 32.2 -38.2 50.0 310	0.667 0.0 1.0													
313	311	311	0.221 0.0 1.0	30.7 34.5 -36.9 50.5 313	0.2 0.0 1.0	30.6 32.9 -37.8 50.2 311	0.683 0.0 1.0	0.2 0.0 1.0	30.6 32.9 -37.8 50.2 311	0.683 0.0 1.0													
314	312	312	0.232 0.0 1.0	30.7 35.2 -36.4 50.7 314	0.211 0.0 1.0	30.6 33.7 -37.3 50.4 312	0.7 0.0 1.0	0.211 0.0 1.0	30.6 33.7 -37.3 50.4 312	0.7 0.0 1.0													
315	313	312	0.242 0.0 1.0	30.7 36.0 -35.9 50.9 315	0.221 0.0 1.0	30.7 34.5 -36.9 50.5 313	0.717 0.0 1.0	0.211 0.0 1.0	30.6 33.7 -37.3 50.4 312	0.717 0.0 1.0													
316	314	313	0.254 0.0 1.0	30.8 36.8 -35.4 51.1 316	0.232 0.0 1.0	30.7 35.2 -36.4 50.7 314	0.733 0.0 1.0	0.221 0.0 1.0	30.7 34.5 -36.9 50.5 313	0.733 0.0 1.0													
317	315	314	0.267 0.0 1.0	31.0 37.5 -34.9 51.3 317	0.242 0.0 1.0	30.7 36.0 -35.9 50.9 315	0.75 0.0 1.0	0.232 0.0 1.0	30.7 35.2 -36.4 50.7 314	0.75 0.0 1.0													
318	316	315	0.281 0.0 1.0	31.2 38.3 -34.4 51.6 318	0.254 0.0 1.0	30.8 36.8 -35.4 51.1 316	0.767 0.0 1.0	0.242 0.0 1.0	30.7 36.0 -35.9 50.9 315	0.767 0.0 1.0													
319	317	316	0.295 0.0 1.0	31.4 39.1 -33.9 51.8 319	0.267 0.0 1.0	31.0 37.5 -34.9 51.3 317	0.783 0.0 1.0	0.254 0.0 1.0	30.8 36.8 -35.4 51.1 316	0.783 0.0 1.0													
320	318	317	0.309 0.0 1.0	31.6 39.9 -33.4 52.1 320	0.281 0.0 1.0	31.2 38.3 -34.4 51.6 318	0.8 0.0 1.0	0.267 0.0 1.0	31.0 37.5 -34.9 51.3 317	0.8 0.0 1.0													
321	319	318	0.323 0.0 1.0	31.8 40.7 -32.8 52.3 321	0.295 0.0 1.0	31.4 39.1 -33.9 51.8 319	0.817 0.0 1.0	0.281 0.0 1.0	31.2 38.3 -34.4 51.6 318	0.817 0.0 1.0													
322	320	319	0.337 0.0 1.0	32.0 41.4 -32.3 52.6 322	0.309 0.0 1.0	31.6 39.9 -33.4 52.1 320	0.833 0.0 1.0	0.295 0.0 1.0	31.4 39.1 -33.9 51.8 319	0.833 0.0 1.0													
323	321	320	0.351 0.0 1.0	32.2 42.2 -31.7 52.8 323	0.323 0.0 1.0	31.8 40.7 -32.8 52.3 321	0.85 0.0 1.0	0.309 0.0 1.0	31.6 39.9 -33.4 52.1 320	0.85 0.0 1.0													
324	322	321	0.364 0.0 1.0	32.4 42.9 -31.1 53.0 324	0.337 0.0 1.0	32.0 41.4 -32.3 52.6 322	0.867 0.0 1.0	0.323 0.0 1.0	31.8 40.7 -32.8 52.3 321	0.867 0.0 1.0													
325	323	322	0.381 0.0 1.0	32.6 43.7 -30.5 53.3 325	0.351 0.0 1.0	32.2 42.2 -31.7 52.8 323	0.883 0.0 1.0	0.337 0.0 1.0	32.0 41.4 -32.3 52.6 322	0.883 0.0 1.0													
326	324	323	0.404 0.0 1.0	33.1 44.5 -29.9 53.7 326	0.364 0.0 1.0	32.4 42.9 -31.1 53.0 324	0.9 0.0 1.0	0.351 0.0 1.0	32.2 42.2 -31.7 52.8 323	0.9 0.0 1.0													
327	325	324	0.428 0.0 1.0	33.6 45.4 -29.4 54.1 327	0.381 0.0 1.0	32.6 43.7 -30.5 53.3 325	0.917 0.0 1.0	0.364 0.0 1.0	32.4 42.9 -31.1 53.0 324	0.917 0.0 1.0													
328	326	325	0.452 0.0 1.0	34.1 46.2 -28.8 54.5 328	0.404 0.0 1.0	33.1 44.5 -29.9 53.7 326	0.933 0.0 1.0	0.381 0.0 1.0	32.6 43.7 -30.5 53.3 325	0.933 0.0 1.0													
329	327	326	0.475 0.0 1.0	34.6 47.0 -28.2 54.9 329	0.428 0.0 1.0	33.6 45.4 -29.4 54.1 327	0.95 0.0 1.0	0.404 0.0 1.0	33.1 44.5 -29.9 53.7 326	0.95 0.0 1.0													
330	328	327	0.499 0.0 1.0	35.1 47.9 -27.5 55.3 330	0.452 0.0 1.0	34.1 46.2 -28.8 54.5 328	0.967 0.0 1.0	0.428 0.0 1.0	33.6 45.4 -29.4 54.1 327	0.967 0.0 1.0													
331	329	328	0.519 0.0 1.0	35.6 48.7 -26.9 55.7 331	0.475 0.0 1.0	34.6 47.0 -28.2 54.9 329	0.983 0.0 1.0	0.452 0.0 1.0	34.1 46.2 -28.8 54.5 328	0.983 0.0 1.0													
332	330	329	0.539 0.0 1.0	36.1 49.6 -26.3 56.2 332	0.499 0.0 1.0	35.1 47.9 -27.5 55.3 330	1.0 0.0 1.0	0.475 0.0 1.0	34.6 47.0 -28.2 54.9 329	1.0 0.0 1.0													
333	331	330	0.559 0.0 1.0	36.6 50.5 -25.6 56.7 333	0.519 0.0 1.0	35.6 48.7 -26.9 55.7 331	1.0 0.0 0.983	0.499 0.0 1.0	35.1 47.9 -27.5 55.3 330	1.0 0.0 0.983													
334	332	331	0.58 0.0 1.0	37.1 51.3 -24.9 57.1 334	0.539 0.0 1.0	36.1 49.6 -26.3 56.2 332	1.0 0.0 0.967	0.519 0.0 1.0	35.6 48.7 -26.9 55.7 331	1.0 0.0 0.967													
335	333	331	0.6 0.0 1.0	37.5 52.2 -24.2 57.6 335	0.559 0.0 1.0	36.6 50.5 -25.6 56.7 333	1.0 0.0 0.95	0.519 0.0 1.0	35.6 48.7 -26.9 55.7 331	1.0 0.0 0.95													
336	334	332	0.62 0.0 1.0	38.0 53.0 -23.5 58.0 336	0.58 0.0 1.0	37.1 51.3 -24.9 57.1 334	1.0 0.0 0.933	0.539 0.0 1.0	36.1 49.6 -26.3 56.2 332	1.0 0.0 0.933													
337	335	333	0.641 0.0 1.0	38.4 54.0 -22.8 58.7 337	0.6 0.0 1.0	37.5 52.2 -24.2 57.6 335	1.0 0.0 0.917	0.559 0.0 1.0	36.6 50.5 -25.6 56.7 333	1.0 0.0 0.917													
338	336	334	0.662 0.0 1.0	38.8 55.0 -22.1 59.3 338	0.62 0.0 1.0	38.0 53.0 -23.5 58.0 336	1.0 0.0 0.9	0.58 0.0 1.0	37.1 51.3 -24.9 57.1 334	1.0 0.0 0.9													
339	337	335	0.683 0.0 1.0	39.2 56.0 -21.4 60.0 339	0.641 0.0 1.0	38.4 54.0 -22.8 58.7 337	1.0 0.0 0.883	0.6 0.0 1.0	37.5 52.2 -24.2 57.6 335	1.0 0.0 0.883													
340	338	336	0.705 0.0 1.0	39.5 57.0 -20.7 60.7 340	0.662 0.0 1.0	38.8 55.0 -22.1 59.3 338	1.0 0.0 0.867	0.62 0.0 1.0	38.0 53.0 -23.5 58.0 336	1.0 0.0 0.867													
341	339	337	0.726 0.0 1.0	39.9 58.0 -19.9 61.4 341	0.683 0.0 1.0	39.2 56.0 -21.4 60.0 339	1.0 0.0 0.85	0.641 0.0 1.0	38.4 54.0 -22.8 58.7 337	1.0 0.0 0.85													
342	340	338	0.747 0.0 1.0	40.3 59.0 -19.1 62.0 342	0.705 0.0 1.0	39.5 57.0 -20.7 60.7 340	1.0 0.0 0.833	0.662 0.0 1.0	38.8 55.0 -22.1 59.3 338	1.0 0.0 0.833													
343	341	339	0.772 0.0 1.0	40.8 60.1 -18.3 62.8 343	0.726 0.0 1.0	39.9 58.0 -19.9 61.4 341	1.0 0.0 0.817	0.683 0.0 1.0	39.2 56.0 -21.4 60.0 339	1.0 0.0 0.817													
344	342	340	0.798 0.0 1.0	41.3 61.1 -17.4 63.6 344	0.747 0.0 1.0	40.3 59.0 -19.1 62.0 342	1.0 0.0 0.8	0.705 0.0 1.0	39.5 57.0 -20.7 60.7 340	1.0 0.0 0.8													
345	343	341	0.823 0.0 1.0	41.9 62.2 -16.6 64.4 345	0.772 0.0 1.0	40.8 60.1 -18.3 62.8 343	1.0 0.0 0.783	0.726 0.0 1.0	39.9 58.0 -19.9 61.4 341	1.0 0.0 0.783													
346	344	342	0.848 0.0 1.0	42.4 63.2 -15.7 65.2 346	0.798 0.0 1.0	41.3 61.1 -17.4 63.6 344	1.0 0.0 0.767	0.747 0.0 1.0	40.3 59.0 -19.1 62.0 342	1.0 0.0 0.767													
347	345	343	0.874 0.0 1.0	43.0 64.3 -14.7 66.0 347	0.823 0.0 1.0	41.9 62.2 -16.6 64.4 345	1.0 0.0 0.75	0.772 0.0 1.0	40.8 60.1 -18.3 62.8 343	1.0 0.0 0.75													

TUB registration: 20110301-OE33/OE33L0NA.TXT /PS
application for measurement of printer or monitor systems

TUB material: code=rha4ta

See original or copy: <http://web.me.com/klaus.richter/OE33/OE33L0NA.TXT> /PS
Technical information: <http://www.ps.bam.de> or <http://130.149.60.45/~farbmetrik>

Data of Maximum color M in colorimetric system laser printer with separation cmyn62*, D65 and D50 for input or output; Six hue angles of the 60 degree standard colours s: $h_{ab,s} = 30.0, 90.0, 150.0, 210.0, 270.0, 330.0$;			Six hue angles of the device colours d: $h_{ab,d} = 32.3, 95.3, 151.8, 226.0, 293.6, 352.6$; Six hue angles of the elementary colours e: $h_{ab,e} = 25.5, 92.3, 162.2, 217.0, 271.7, 328.6$																													
$h_{ab,d}$	$h_{ab,s}$	$h_{ab,e}$	$rgb^*_{dd361Mi}$	$LAB^*_{dd361Mix}(x=LabCh)$	$rgb^*_{ds361Mi}$	$LAB^*_{ds361Mix}(x=LabCh)$	rgb^*_{s50M}	$rgb^*_{de361Mi}$	$LAB^*_{de361Mix}(x=LabCh)$	rgb^*_{e50M}	rgb^*_{dd}	rgb^*_{ds}	rgb^*_{de}																			
347	345	343	0.874	0.0	1.0	43.0	64.3	-14.7	66.0	347	0.823	0.0	1.0	41.9	62.2	-16.6	64.4	345	1.0	0.0	0.75	0.772	0.0	1.0	40.8	60.1	-18.3	62.8	343	1.0	0.0	0.75
348	346	344	0.897	0.0	1.0	43.7	65.5	-13.8	66.9	348	0.848	0.0	1.0	42.4	63.2	-15.7	65.2	346	1.0	0.0	0.733	0.798	0.0	1.0	41.3	61.1	-17.4	63.6	344	1.0	0.0	0.733
349	347	345	0.919	0.0	1.0	44.4	66.7	-12.9	67.9	349	0.874	0.0	1.0	43.0	64.3	-14.7	66.0	347	1.0	0.0	0.717	0.823	0.0	1.0	41.9	62.2	-16.6	64.4	345	1.0	0.0	0.717
350	348	346	0.942	0.0	1.0	45.1	67.8	-11.9	68.9	350	0.897	0.0	1.0	43.7	65.5	-13.8	66.9	348	1.0	0.0	0.7	0.848	0.0	1.0	42.4	63.2	-15.7	65.2	346	1.0	0.0	0.7
351	349	347	0.964	0.0	1.0	45.9	69.0	-10.8	69.8	351	0.919	0.0	1.0	44.4	66.7	-12.9	67.9	349	1.0	0.0	0.683	0.874	0.0	1.0	43.0	64.3	-14.7	66.0	347	1.0	0.0	0.683
352	350	348	0.987	0.0	1.0	46.6	70.1	-9.8	70.8	352	0.942	0.0	1.0	45.1	67.8	-11.9	68.9	350	1.0	0.0	0.667	0.897	0.0	1.0	43.7	65.5	-13.8	66.9	348	1.0	0.0	0.667
353	351	349	1.0	0.0	0.98	46.9	70.8	-8.6	71.3	353	0.964	0.0	1.0	45.9	69.0	-10.8	69.8	351	1.0	0.0	0.65	0.919	0.0	1.0	44.4	66.7	-12.9	67.9	349	1.0	0.0	0.65
354	352	349	1.0	0.0	0.934	46.8	70.9	-7.4	71.3	354	0.987	0.0	1.0	46.6	70.1	-9.8	70.8	352	1.0	0.0	0.633	0.919	0.0	1.0	44.4	66.7	-12.9	67.9	349	1.0	0.0	0.633
355	353	350	1.0	0.0	0.888	46.7	70.9	-6.1	71.2	355	1.0	0.0	0.98	46.9	70.8	-8.6	71.3	353	1.0	0.0	0.617	0.942	0.0	1.0	45.1	67.8	-11.9	68.9	350	1.0	0.0	0.617
356	354	351	1.0	0.0	0.861	46.7	70.9	-4.9	71.1	356	1.0	0.0	0.934	46.8	70.9	-7.4	71.3	354	1.0	0.0	0.6	0.964	0.0	1.0	45.9	69.0	-10.8	69.8	351	1.0	0.0	0.6
357	355	352	1.0	0.0	0.841	46.6	70.8	-3.6	70.9	357	1.0	0.0	0.888	46.7	70.9	-6.1	71.2	355	1.0	0.0	0.583	0.987	0.0	1.0	46.6	70.1	-9.8	70.8	352	1.0	0.0	0.583
358	356	353	1.0	0.0	0.822	46.6	70.7	-2.4	70.8	358	1.0	0.0	0.861	46.7	70.9	-4.9	71.1	356	1.0	0.0	0.567	1.0	0.0	0.98	46.9	70.8	-8.6	71.3	353	1.0	0.0	0.567
359	357	354	1.0	0.0	0.802	46.6	70.6	-1.1	70.6	359	1.0	0.0	0.841	46.6	70.8	-3.6	70.9	357	1.0	0.0	0.55	1.0	0.0	0.934	46.8	70.9	-7.4	71.3	354	1.0	0.0	0.55
0	358	355	1.0	0.0	0.782	46.5	70.5	0.0	70.5	0	1.0	0.0	0.822	46.6	70.7	-2.4	70.8	358	1.0	0.0	0.533	1.0	0.0	0.888	46.7	70.9	-6.1	71.2	355	1.0	0.0	0.533
1	359	356	1.0	0.0	0.762	46.5	70.3	1.2	70.3	1	1.0	0.0	0.802	46.6	70.6	-1.1	70.6	359	1.0	0.0	0.517	1.0	0.0	0.861	46.7	70.9	-4.9	71.1	356	1.0	0.0	0.517
2	360	357	1.0	0.0	0.743	46.5	70.1	2.4	70.2	2	1.0	0.0	0.782	46.5	70.5	0.0	70.5	0	1.0	0.0	0.5	1.0	0.0	0.841	46.6	70.8	-3.6	70.9	357	1.0	0.0	0.5
3	361	358	1.0	0.0	0.723	46.5	69.8	3.7	69.9	3	1.0	0.0	0.762	46.5	70.3	1.2	70.3	1	1.0	0.0	0.483	1.0	0.0	0.822	46.6	70.7	-2.4	70.8	358	1.0	0.0	0.483
4	362	359	1.0	0.0	0.703	46.6	69.5	4.9	69.6	4	1.0	0.0	0.743	46.5	70.1	2.4	70.2	2	1.0	0.0	0.467	1.0	0.0	0.802	46.6	70.6	-1.1	70.6	359	1.0	0.0	0.467
5	363	360	1.0	0.0	0.683	46.6	69.1	6.0	69.4	5	1.0	0.0	0.723	46.5	69.8	3.7	69.9	3	1.0	0.0	0.45	1.0	0.0	0.782	46.5	70.5	0.0	70.5	0	1.0	0.0	0.45
6	364	361	1.0	0.0	0.664	46.7	68.8	7.2	69.1	6	1.0	0.0	0.703	46.6	69.5	4.9	69.6	4	1.0	0.0	0.433	1.0	0.0	0.762	46.5	70.3	1.2	70.3	1	1.0	0.0	0.433
7	365	362	1.0	0.0	0.644	46.7	68.4	8.4	68.9	7	1.0	0.0	0.683	46.6	69.1	6.0	69.4	5	1.0	0.0	0.417	1.0	0.0	0.743	46.5	70.1	2.4	70.2	2	1.0	0.0	0.417
8	366	363	1.0	0.0	0.624	46.8	68.0	9.6	68.6	8	1.0	0.0	0.664	46.7	68.8	7.2	69.1	6	1.0	0.0	0.4	1.0	0.0	0.723	46.5	69.8	3.7	69.9	3	1.0	0.0	0.4
9	367	364	1.0	0.0	0.601	46.7	67.7	10.7	68.6	9	1.0	0.0	0.644	46.7	68.4	8.4	68.9	7	1.0	0.0	0.383	1.0	0.0	0.703	46.6	69.5	4.9	69.6	4	1.0	0.0	0.383
10	368	365	1.0	0.0	0.578	46.6	67.4	11.9	68.5	10	1.0	0.0	0.624	46.8	68.0	9.6	68.6	8	1.0	0.0	0.367	1.0	0.0	0.683	46.6	69.1	6.0	69.4	5	1.0	0.0	0.367
11	369	366	1.0	0.0	0.555	46.5	67.1	13.0	68.4	11	1.0	0.0	0.601	46.7	67.7	10.7	68.6	9	1.0	0.0	0.35	1.0	0.0	0.664	46.7	68.8	7.2	69.1	6	1.0	0.0	0.35
12	370	367	1.0	0.0	0.532	46.4	66.8	14.2	68.3	12	1.0	0.0	0.578	46.6	67.4	11.9	68.5	10	1.0	0.0	0.333	1.0	0.0	0.644	46.7	68.4	8.4	68.9	7	1.0	0.0	0.333
13	371	367	1.0	0.0	0.51	46.3	66.5	15.3	68.2	13	1.0	0.0	0.555	46.5	67.1	13.0	68.4	11	1.0	0.0	0.317	1.0	0.0	0.644	46.7	68.4	8.4	68.9	7	1.0	0.0	0.317
14	372	368	1.0	0.0	0.486	46.3	66.3	16.5	68.3	14	1.0	0.0	0.532	46.4	66.8	14.2	68.3	12	1.0	0.0	0.3	1.0	0.0	0.624	46.8	68.0	9.6	68.6	8	1.0	0.0	0.3
15	373	369	1.0	0.0	0.463	46.3	66.1	17.7	68.4	15	1.0	0.0	0.51	46.3	66.5	15.3	68.2	13	1.0	0.0	0.283	1.0	0.0	0.601	46.7	67.7	10.7	68.6	9	1.0	0.0	0.283
16	374	370	1.0	0.0	0.439	46.3	65.9	18.9	68.6	16	1.0	0.0	0.486	46.3	66.3	16.5	68.3	14	1.0	0.0	0.267	1.0	0.0	0.578	46.6	67.4	11.9	68.5	10	1.0	0.0	0.267
17	375	371	1.0	0.0	0.415	46.3	65.7	20.1	68.7	17	1.0	0.0	0.463	46.3	66.1	17.7	68.4	15	1.0	0.0	0.25	1.0	0.0	0.555	46.5	67.1	13.0	68.4	11	1.0	0.0	0.25
18	376	372	1.0	0.0	0.391	46.3	65.5	21.3	68.9	18	1.0	0.0	0.439	46.3	65.9	18.9	68.6	16	1.0	0.0	0.233	1.0	0.0	0.532	46.4	66.8	14.2	68.3	12	1.0	0.0	0.233
19	377	373	1.0	0.0	0.368	46.3	65.3	22.5	69.1	19	1.0	0.0	0.415	46.3	65.7	20.1	68.7	17	1.0	0.0	0.217	1.0	0.0	0.51	46.3	66.5	15.3	68.2	13	1.0	0.0	0.217
20	378	374	1.0	0.0	0.344	46.4	65.3	23.8	69.5	20	1.0	0.0	0.391	46.3	65.5	21.3	68.9	18	1.0	0.0	0.2	1.0	0.0	0.486	46.3	66.3	16.5	68.3	14	1.0	0.0	0.2
21	379	375	1.0	0.0	0.32	46.5	65.2	25.0	69.9	21	1.0																					