

Data of Maximum color M in colorimetric system Offset print ORS42_18_96; separation cmyn6*, 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 : $h_{ab,d} = 31.3, 96.3, 152.3, 234.1, 299.3, 353.1$; 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

$LCH^*_d = 90.4 \ 88.7 \ 96.3$

$LAB^*_d = 90.4 \ -9.7 \ 88.1$

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

$L=G_d$ Leaf green

$LCH^*_d = 56.0 \ 73.4 \ 152.2$

$LAB^*_d = 56.0 \ -65.0 \ 34.1$

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

$C=C_d$ Cyan blue

$LCH^*_d = 62.9 \ 51.9 \ 234.1$

$LAB^*_d = 62.9 \ -30.4 \ -42.1$

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

$O=R_d$ Orange red

$LCH^*_d = 48.4 \ 77.5 \ 31.3$

$LAB^*_d = 48.4 \ 66.2 \ 40.3$

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

$M=M_d$ Magenta red

$LCH^*_d = 49.4 \ 74.2 \ 353.1$

$LAB^*_d = 49.4 \ 73.7 \ -8.9$

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

$V=B_d$ Violet blue (very different to elementary Blue)

$LCH^*_d = 27.3 \ 53.5 \ 299.3$

$LAB^*_d = 27.3 \ 26.2 \ -46.7$

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

J_e Yellow

$LCH^*_e = 85.8 \ 82.9 \ 92.0$

$LAB^*_e = 85.8 \ -2.8 \ 82.9$

$rgb^*_e = 1.0 \ 0.889 \ 0.0$

G_e Green

$LCH^*_e = 57.0 \ 64.7 \ 162.0$

$LAB^*_e = 57.0 \ -61.5 \ 20.0$

$rgb^*_e = 0.0 \ 1.0 \ 0.168$

C_e Blue green

$LCH^*_e = 61.3 \ 49.0 \ 217.0$

$LAB^*_e = 61.3 \ -39.1 \ -29.5$

$rgb^*_e = 0.0 \ 1.0 \ 0.794$

B_e Blue

$LCH^*_e = 41.1 \ 45.0 \ 272.0$

$LAB^*_e = 41.1 \ 1.5 \ -45.0$

$rgb^*_e = 0.0 \ 0.387 \ 1.0$

R_e Red

$LCH^*_e = 48.7 \ 73.8 \ 25.0$

$LAB^*_e = 48.7 \ 66.9 \ 31.2$

$rgb^*_e = 1.0 \ 0.0 \ 0.172$

M_e Blue red

$LCH^*_e = 37.4 \ 58.8 \ 329.0$

$LAB^*_e = 37.4 \ 50.4 \ -30.3$

$rgb^*_e = 0.463 \ 0.0 \ 1.0$

J_s Yellow

$LCH^*_s = 83.9 \ 80.8 \ 90.0$

$LAB^*_s = 83.9 \ 0.0 \ 80.8$

$rgb^*_s = 1.0 \ 0.843 \ 0.0$

G_s Green

$LCH^*_s = 57.1 \ 72.0 \ 150.0$

$LAB^*_s = 57.1 \ -62.3 \ 36.0$

$rgb^*_s = 0.039 \ 1.0 \ 0.0$

R_s Red

$LCH^*_s = 48.5 \ 76.6 \ 30.0$

$LAB^*_s = 48.5 \ 66.4 \ 38.3$

$rgb^*_s = 1.0 \ 0.0 \ 0.037$

M_s Blue red

$LCH^*_s = 37.7 \ 59.1 \ 330.0$

$LAB^*_s = 37.7 \ 51.2 \ -29.5$

$rgb^*_s = 0.477 \ 0.0 \ 1.0$

C_s Blue green

$LCH^*_s = 60.7 \ 48.8 \ 210.0$

$LAB^*_s = 60.7 \ -42.3 \ -24.4$

$rgb^*_s = 0.0 \ 1.0 \ 0.713$

B_s Blue

$LCH^*_s = 42.0 \ 45.0 \ 270.0$

$LAB^*_s = 42.0 \ 0.0 \ -45.0$

$rgb^*_s = 0.0 \ 0.411 \ 1.0$

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

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

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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^*_{da}	rgb^*_{db}													
31.3	30.0	25.5	1.0	0.0	0.0	48.4	66.3	40.3	77.6	31.3	1.0	0.0	0.037	48.5	66.4	38.3	76.7	30	1.0	0.0	0.0	1.0	0.0	0.172	48.8	66.9	31.2	73.8	25	1.0	0.0	0.0									
39.0	37.5	33.8	1.0	0.125	0.0	52.8	56.8	46.0	73.1	39.0	1.0	0.109	0.0	52.2	58.0	45.3	73.6	38	1.0	0.125	0.0	1.0	0.044	0.0	50.0	63.0	42.5	76.0	34	1.0	0.125	0.0									
47.9	45.0	42.2	1.0	0.25	0.0	57.6	46.6	51.6	69.5	47.9	1.0	0.209	0.0	56.0	50.0	50.0	70.7	45	1.0	0.25	0.0	1.0	0.167	0.0	54.4	53.4	48.1	71.9	42	1.0	0.25	0.0									
58.0	52.5	50.5	1.0	0.375	0.0	63.0	35.8	57.5	67.7	58.0	1.0	0.313	0.0	60.3	41.3	54.8	68.6	53	1.0	0.375	0.0	1.0	0.288	0.0	59.3	43.4	53.6	69.0	51	1.0	0.375	0.0									
68.8	60.0	58.9	1.0	0.5	0.0	68.8	24.8	64.0	68.6	68.8	1.0	0.398	0.0	64.0	33.9	58.8	67.9	60	1.0	0.5	0.0	1.0	0.386	0.0	63.5	34.9	58.1	67.8	59	1.0	0.5	0.0									
78.2	67.5	67.2	1.0	0.625	0.0	74.6	14.7	70.6	72.1	78.2	1.0	0.491	0.0	68.4	25.7	63.6	68.6	68	1.0	0.625	0.0	1.0	0.479	0.0	67.9	26.8	63.0	68.5	67	1.0	0.625	0.0									
85.8	75.0	75.6	1.0	0.75	0.0	80.2	5.7	76.5	76.7	85.8	1.0	0.582	0.0	72.6	18.4	68.5	70.9	75	1.0	0.75	0.0	1.0	0.595	0.0	73.3	17.2	69.2	71.3	76	1.0	0.75	0.0									
91.5	82.5	84.0	1.0	0.875	0.0	85.2	-2.0	82.2	82.2	91.5	1.0	0.704	0.0	78.2	9.1	74.4	75.0	83	1.0	0.875	0.0	1.0	0.721	0.0	78.9	7.9	75.2	75.6	84	1.0	0.875	0.0									
96.3	90.0	92.3	1.0	1.0	0.0	90.4	-9.7	88.2	88.7	96.3	1.0	0.843	0.0	84.0	0.0	80.8	80.8	90	1.0	1.0	0.0	1.0	0.889	0.0	85.8	-2.8	82.9	83.0	92	1.0	1.0	0.0									
100.0	97.5	101.1	0.875	1.0	0.0	86.5	-14.6	83.2	84.4	100.0	0.943	1.0	0.0	88.7	-12.0	85.9	86.8	98	0.875	1.0	0.0	0.84	1.0	0.0	85.5	-15.8	81.9	83.5	101	0.875	1.0	0.0									
103.6	105.0	109.8	0.75	1.0	0.0	82.8	-18.9	78.7	80.9	103.6	0.724	1.0	0.0	81.8	-20.5	76.7	79.4	105	0.75	1.0	0.0	0.629	1.0	0.0	78.1	-25.3	69.7	74.1	110	0.75	1.0	0.0									
110.2	112.5	118.5	0.625	1.0	0.0	77.9	-25.4	69.3	73.9	110.2	0.572	1.0	0.0	76.1	-28.2	66.7	72.4	113	0.625	1.0	0.0	0.463	1.0	0.0	72.1	-33.8	61.2	69.9	119	0.625	1.0	0.0									
116.8	120.0	127.3	0.5	1.0	0.0	73.5	-31.7	62.8	70.4	116.8	0.446	1.0	0.0	71.5	-34.8	60.4	69.7	120	0.5	1.0	0.0	0.348	1.0	0.0	67.6	-41.0	54.5	68.2	127	0.5	1.0	0.0									
124.1	127.5	136.0	0.375	1.0	0.0	68.9	-38.6	57.0	68.9	124.1	0.339	1.0	0.0	67.1	-41.8	53.6	68.0	128	0.375	1.0	0.0	0.263	1.0	0.0	63.5	-47.5	46.0	66.2	136	0.375	1.0	0.0									
137.4	135.0	144.7	0.25	1.0	0.0	62.9	-48.4	44.6	65.9	137.4	0.273	1.0	0.0	63.9	-46.9	47.0	66.4	135	0.25	1.0	0.0	0.126	1.0	0.0	59.6	-56.3	39.5	68.8	145	0.25	1.0	0.0									
145.0	142.5	153.5	0.125	1.0	0.0	59.6	-56.3	39.4	68.8	145.0	0.159	1.0	0.0	60.5	-54.3	41.0	68.1	143	0.125	1.0	0.0	0.0	1.0	0.014	56.1	-64.7	33.0	72.8	153	0.125	1.0	0.0									
152.3	150.0	162.2	0.0	1.0	0.0	56.0	-64.9	34.2	73.5	152.3	0.039	1.0	0.0	57.1	-62.3	36.0	72.0	150	0.0	1.0	0.0	0.0	1.0	0.168	57.1	-61.5	20.0	64.8	162	0.0	1.0	0.0									
159.1	157.5	169.1	0.0	1.0	0.125	56.8	-62.5	24.0	70.0	159.1	0.0	1.0	0.106	56.6	-63.0	25.5	68.0	158	0.0	1.0	0.125	0.0	1.0	0.265	57.8	-58.5	11.4	59.7	169	0.0	1.0	0.125									
167.6	165.0	175.9	0.0	1.0	0.25	57.6	-59.0	13.0	60.5	167.6	0.0	1.0	0.212	57.4	-60.2	16.2	62.5	165	0.0	1.0	0.25	0.0	1.0	0.34	58.4	-55.7	3.9	56.0	176	0.0	1.0	0.25									
179.3	172.5	182.8	0.0	1.0	0.375	58.7	-54.1	0.7	54.2	179.3	0.0	1.0	0.308	58.1	-57.1	7.0	57.6	173	0.0	1.0	0.375	0.0	1.0	0.419	59.0	-52.9	-2.7	53.1	183	0.0	1.0	0.375									
189.9	180.0	189.6	0.0	1.0	0.5	59.5	-50.0	-8.6	50.9	189.9	0.0	1.0	0.383	58.7	-53.9	0.0	54.0	180	0.0	1.0	0.5	0.0	1.0	0.501	59.5	-50.0	-8.7	50.9	190	0.0	1.0	0.5									
201.7	187.5	196.4	0.0	1.0	0.625	60.1	-45.5	-18.1	49.1	201.7	0.0	1.0	0.478	59.4	-50.9	-7.1	51.5	188	0.0	1.0	0.625	0.0	1.0	0.564	59.8	-47.9	-13.7	50.0	196	0.0	1.0	0.625									
213.5	195.0	203.3	0.0	1.0	0.75	61.0	-40.6	-26.8	48.8	213.5	0.0	1.0	0.554	59.8	-48.3	-12.9	50.1	195	0.0	1.0	0.75	0.0	1.0	0.639	60.2	-45.1	-19.1	49.1	203	0.0	1.0	0.75									
223.5	202.5	210.1	0.0	1.0	0.875	62.0	-35.9	-34.0	49.6	223.5	0.0	1.0	0.639	60.2	-45.1	-19.1	49.1	203	0.0	1.0	0.875	0.0	1.0	0.713	60.7	-42.2	-24.3	48.9	210	0.0	1.0	0.875									
234.1	210.0	217.0	0.0	1.0	1.0	62.9	-30.3	-42.0	52.0	234.1	0.0	1.0	0.713	60.7	-42.2	-24.3	48.9	210	0.0	1.0	1.0	0.0	1.0	0.794	61.4	-39.1	-29.4	49.1	217	0.0	1.0	1.0									
240.0	217.5	223.8	0.0	0.875	1.0	58.8	-24.6	-42.8	49.5	240.0	0.0	1.0	0.806	61.5	-38.6	-30.2	49.2	218	0.0	0.875	1.0	0.0	1.0	0.881	62.1	-35.7	-34.4	49.7	224	0.0	0.875	1.0									
245.9	225.0	230.7	0.0	0.75	1.0	55.1	-19.3	-43.1	47.4	245.9	0.0	1.0	0.893	62.2	-35.2	-35.2	49.9	225	0.0	0.75	1.0	0.0	1.0	0.963	62.7	-32.2	-39.7	51.3	231	0.0	0.75	1.0									
254.0	232.5	237.5	0.0	0.625	1.0	50.2	-12.5	-43.9	45.8	254.0	0.0	1.0	0.987	62.8	-31.0	-41.2	51.7	233	0.0	0.625	1.0	0.0	1.0	0.918	1.0	60.2	-26.6	-42.6	50.3	238	0.0	0.									

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

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$h_{ab,d}$	$h_{ab,s}$	$h_{ab,e}$	$rgb^*_{dd361Mi}$			$LAB^*_{dd361Mix}(x=LabCh)$			R_d	$rgb^*_{ds361Mi}$			$LAB^*_{ds361Mix}(x=LabCh)$			rgb^*_{s50M}			$0.0R_s$	$rgb^*_{de361Mi}$			$LAB^*_{de361Mix}(x=LabCh)$			rgb^*_{e50M}			$0.0R_e$	rgb^*_{dd}	rgb^*_{ds}	rgb^*_{de}		
31	30	25	1.0	0.0	0.009	48.5	66.3	39.8	77.3	31	1.0	0.0	0.037	48.5	66.4	38.3	76.7	30	1.0	0.0	0.0	0.0	0.0	0.172	48.8	66.9	31.2	73.8	25	1.0	0.0	0.0	0.0	
32	31	27	1.0	0.011	0.0	48.8	65.4	40.9	77.2	32	1.0	0.0	0.009	48.5	66.3	39.8	77.3	31	1.0	0.0	0.017	0.0	1.0	0.0	0.121	48.7	66.6	33.9	74.8	27	1.0	0.0	0.017	0.0
33	32	28	1.0	0.027	0.0	49.4	64.2	41.7	76.6	33	1.0	0.011	0.0	48.8	65.4	40.9	77.2	32	1.0	0.033	0.0	1.0	0.0	0.093	48.6	66.6	35.4	75.4	28	1.0	0.0	0.033	0.0	
34	33	29	1.0	0.044	0.0	50.0	63.0	42.5	76.0	34	1.0	0.027	0.0	49.4	64.2	41.7	76.6	33	1.0	0.05	0.0	1.0	0.0	0.065	48.6	66.5	36.9	76.1	29	1.0	0.0	0.05	0.0	
35	34	30	1.0	0.06	0.0	50.5	61.8	43.2	75.4	35	1.0	0.044	0.0	50.0	63.0	42.5	76.0	34	1.0	0.067	0.0	1.0	0.0	0.037	48.5	66.4	38.3	76.7	30	1.0	0.0	0.067	0.0	
36	35	31	1.0	0.076	0.0	51.1	60.5	44.0	74.8	36	1.0	0.06	0.0	50.5	61.8	43.2	75.4	35	1.0	0.083	0.0	1.0	0.0	0.009	48.5	66.3	39.8	77.3	31	1.0	0.0	0.083	0.0	
37	36	32	1.0	0.092	0.0	51.6	59.3	44.7	74.2	37	1.0	0.076	0.0	51.1	60.5	44.0	74.8	36	1.0	0.1	0.0	1.0	0.011	0.0	48.8	65.4	40.9	77.2	32	1.0	0.1	0.1	0.0	
38	37	33	1.0	0.109	0.0	52.2	58.0	45.3	73.6	38	1.0	0.092	0.0	51.6	59.3	44.7	74.2	37	1.0	0.117	0.0	1.0	0.027	0.0	49.4	64.2	41.7	76.6	33	1.0	0.117	0.0	0.0	
39	38	34	1.0	0.125	0.0	52.8	56.8	46.0	73.1	39	1.0	0.109	0.0	52.2	58.0	45.3	73.6	38	1.0	0.133	0.0	1.0	0.044	0.0	50.0	63.0	42.5	76.0	34	1.0	0.133	0.0	0.0	
40	39	36	1.0	0.139	0.0	53.3	55.7	46.7	72.7	40	1.0	0.125	0.0	52.8	56.8	46.0	73.1	39	1.0	0.15	0.0	1.0	0.076	0.0	51.1	60.5	44.0	74.8	36	1.0	0.15	0.0	0.0	
41	40	37	1.0	0.153	0.0	53.9	54.5	47.4	72.3	41	1.0	0.139	0.0	53.3	55.7	46.7	72.7	40	1.0	0.167	0.0	1.0	0.092	0.0	51.6	59.3	44.7	74.2	37	1.0	0.167	0.0	0.0	
42	41	38	1.0	0.167	0.0	54.4	53.4	48.1	71.9	42	1.0	0.153	0.0	53.9	54.5	47.4	72.3	41	1.0	0.183	0.0	1.0	0.109	0.0	52.2	58.0	45.3	73.6	38	1.0	0.183	0.0	0.0	
43	42	39	1.0	0.181	0.0	55.0	52.3	48.7	71.5	43	1.0	0.167	0.0	54.4	53.4	48.1	71.9	42	1.0	0.2	0.0	1.0	0.125	0.0	52.8	56.8	46.0	73.1	39	1.0	0.2	0.0	0.0	
44	43	40	1.0	0.195	0.0	55.5	51.1	49.4	71.1	44	1.0	0.181	0.0	55.0	52.3	48.7	71.5	43	1.0	0.217	0.0	1.0	0.139	0.0	53.3	55.7	46.7	72.7	40	1.0	0.217	0.0	0.0	
45	44	41	1.0	0.209	0.0	56.0	50.0	50.0	70.7	45	1.0	0.195	0.0	55.5	51.1	49.4	71.1	44	1.0	0.233	0.0	1.0	0.153	0.0	53.9	54.5	47.4	72.3	41	1.0	0.233	0.0	0.0	
46	45	42	1.0	0.223	0.0	56.6	48.8	50.5	70.3	46	1.0	0.209	0.0	56.0	50.0	50.0	70.7	45	1.0	0.25	0.0	1.0	0.167	0.0	54.4	53.4	48.1	71.9	42	1.0	0.25	0.0	0.0	
47	46	43	1.0	0.237	0.0	57.1	47.6	51.1	69.9	47	1.0	0.223	0.0	56.6	48.8	50.5	70.3	46	1.0	0.267	0.0	1.0	0.181	0.0	55.0	52.3	48.7	71.5	43	1.0	0.267	0.0	0.0	
48	47	44	1.0	0.251	0.0	57.7	46.5	51.6	69.5	48	1.0	0.237	0.0	57.1	47.6	51.1	69.9	47	1.0	0.283	0.0	1.0	0.195	0.0	55.5	51.1	49.4	71.1	44	1.0	0.283	0.0	0.0	
49	48	46	1.0	0.263	0.0	58.2	45.5	52.3	69.3	49	1.0	0.251	0.0	57.7	46.5	51.6	69.5	48	1.0	0.3	0.0	1.0	0.223	0.0	56.6	48.8	50.5	70.3	46	1.0	0.3	0.0	0.0	
50	49	47	1.0	0.276	0.0	58.7	44.4	53.0	69.1	50	1.0	0.263	0.0	58.2	45.5	52.3	69.3	49	1.0	0.317	0.0	1.0	0.237	0.0	57.1	47.6	51.1	69.9	47	1.0	0.317	0.0	0.0	
51	50	48	1.0	0.288	0.0	59.3	43.4	53.6	69.0	51	1.0	0.276	0.0	58.7	44.4	53.0	69.1	50	1.0	0.333	0.0	1.0	0.251	0.0	57.7	46.5	51.6	69.5	48	1.0	0.333	0.0	0.0	
52	51	49	1.0	0.3	0.0	59.8	42.3	54.2	68.8	52	1.0	0.288	0.0	59.3	43.4	53.6	69.0	51	1.0	0.35	0.0	1.0	0.263	0.0	58.2	45.5	52.3	69.3	49	1.0	0.35	0.0	0.0	
53	52	50	1.0	0.313	0.0	60.3	41.3	54.8	68.6	53	1.0	0.3	0.0	59.8	42.3	54.2	68.8	52	1.0	0.367	0.0	1.0	0.276	0.0	58.7	44.4	53.0	69.1	50	1.0	0.367	0.0	0.0	
54	53	51	1.0	0.325	0.0	60.8	40.2	55.4	68.4	54	1.0	0.313	0.0	60.3	41.3	54.8	68.6	53	1.0	0.383	0.0	1.0	0.288	0.0	59.3	43.4	53.6	69.0	51	1.0	0.383	0.0	0.0	
55	54	52	1.0	0.337	0.0	61.4	39.2	55.9	68.3	55	1.0	0.325	0.0	60.8	40.2	55.4	68.4	54	1.0	0.4	0.0	1.0	0.3	0.0	59.8	42.3	54.2	68.8	52	1.0	0.4	0.0	0.0	
56	55	53	1.0	0.35	0.0	61.9	38.1	56.4	68.1	56	1.0	0.337	0.0	61.4	39.2	55.9	68.3	55	1.0	0.417	0.0	1.0	0.313	0.0	60.3	41.3	54.8	68.6	53	1.0	0.417	0.0	0.0	
57	56	54	1.0	0.362	0.0	62.4	37.0	57.0	67.9	57	1.0	0.35	0.0	61.9	38.1	56.4	68.1	56	1.0	0.433	0.0	1.0	0.325	0.0	60.8	40.2	55.4	68.4	54	1.0	0.433	0.0	0.0	
58	57	56	1.0	0.374	0.0	62.9	35.9	57.4	67.7	58	1.0	0.362	0.0	62.4	37.0	57.0	67.9	57	1.0	0.45	0.0	1.0	0.35	0.0	61.9	38.1	56.4	68.1	56	1.0	0.45	0.0	0.0	
59	58	57	1.0	0.386	0.0	63.5	34.9	58.1	67.8	59	1.0	0.374	0.0	62.9	35.9	57.4	67.7	58	1.0	0.467	0.0	1.0	0.362	0.0	62.4	37.0	57.0	67.9	57	1.0	0.467	0.0	0.0	
60	59	58	1.0	0.398	0.0	64.0	33.9	58.8	67.9	60	1.0	0.386	0.0	63.5	34.9	58.1	67.8	59	1.0	0.483	0.0	1.0	0.374	0.0	62.9	35.9	57.4	67.7	58	1.0	0.483	0.0	0.0	
61	60	59	1.0	0.409	0.0	64.6	33.0	59.5	68.0	61	1.0	0.398	0.0	64.0	33.9	58.8	67.9	60	1.0	0.5	0.0	1.0	0.386	0.0	63.5	34.9	58.1	67.8	59	1.0	0.5	0.0	0.0	
62	61	60	1.0	0.421	0.0	65.1	32.0	60.1	68.1	62	1.0	0.409	0.0	64.6	33.0	59.5	68.0	61	1.0	0.517	0.0	1.0	0.398	0.0	64.0	33.9	58.8	67.9	60	1.0	0.517	0.0	0.0	
63	62	61	1.0	0.433	0.0	65.7	30.9	60.7	68.1	63	1.0	0.421	0.0	65.1	32.0	60.1	68.1	62	1.0	0.533	0.0	1.0	0.409	0.0	64.6	33.0	59.5	68.0	61	1.0	0.533	0.0	0.0	
64	63	62	1.0	0.444	0.0	66.2	29.9	61.3	68.2	64	1.0	0.433	0.0	65.7	30.9	60.7	68.1	63	1.0	0.55	0.0	1.0	0.421	0.0	65.1	32.0	60.1	68.1	62	1.0	0.55	0.0	0.0	
65	64	63	1.0	0.456	0.0	66.8	28.9	61.9	68.3	65	1.0	0.444	0.0	66.2	29.9	61.3	68.2	64	1.0	0.567	0.0	1.0	0.433	0.0	65.7	30.9	60.7	68.1	63	1.0	0.567	0.0	0.0	
66	65	64	1.0	0.467	0.0	67.3	27.8	62.5	68.4	66	1.0	0.456	0.0	66.8	28.9	61.9	68.3	65	1.0	0.583	0.0	1.0	0.444	0.0	66.2	29.9	61.3	68.2	64	1.0	0.583	0.0	0.0	
67	66	66	1.0	0.479	0.0	67.9	26.8	63.0	68.5	67	1.0	0.467	0.0	67.3	27.8	62.5	68.4	66	1.0	0.6	0.0	1.0	0.467	0.0	67.3	27.8	62.5	68.4	66	1.0	0.6	0.0	0.0	
68	67	67	1.0	0.491	0.0	68.4	25.7	63.6	68.6	68	1.0	0.479	0.0	67.9	26.8	63.0	68.5	67	1.0	0.617	0.0	1.0	0.479	0.0	67.9	26.8	63.0	68.5	67	1.0	0.617	0.0	0.0	
69	68	68	1.0	0.502	0.0	69.0	24.6	64.1	68.7	69	1.0	0.491	0.0	68.4	25.7	63.6	68.6	68	1.0	0.633	0.0	1.0												

OE390-7N, Page of series 3/20, RX0, D65, XYZnw=3.3, 3.4, 3.6, 86.1, 91.1, 95.9, LAB*_{nw}=21.7, 0.3, 0.6, 96.4, -0.7, 2.2, not adapted

TUB-test chart OE39; 48 and 360 step hue circles, Page 3/20
Data of Offset print ORS42_18_96, separation cmyn6*, D65 and D50

Output: Offset print ORS42_18_96; separation cmyn6*, D65 and D50, page 3/20

input: rgb^*_d set $rgbcolor$
output: $cmyn6^*_d = f_6(rgb^*_d)$

TUB registration: 20110301-OE39/OE39L0NA.TXT /PS
application for measurement of printer or monitor systems

TUB material: code=rha4ta

Data of Maximum color M in colorimetric system Offset print ORS42_18_96; separation cmyn6*, 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: $h_{ab,d} = 31.3, 96.3, 152.3, 234.1, 299.3, 353.1$; 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	0.595 0.0	73.3	17.2	69.2	71.3	76	1.0	0.75	0.0	
77	76	77	1.0	0.609 0.0	73.9	16.1	69.8	71.7	77	1.0	0.767 0.0		
78	77	78	1.0	0.622 0.0	74.5	15.0	70.5	72.0	78	1.0	0.783 0.0		
79	78	79	1.0	0.638 0.0	75.2	13.8	71.2	72.6	79	1.0	0.8	0.0	
80	79	80	1.0	0.654 0.0	75.9	12.7	72.1	73.2	80	1.0	0.817 0.0		
81	80	81	1.0	0.671 0.0	76.7	11.5	72.9	73.8	81	1.0	0.833 0.0		
82	81	82	1.0	0.687 0.0	77.4	10.4	73.7	74.4	82	1.0	0.85	0.0	
83	82	83	1.0	0.704 0.0	78.2	9.1	74.4	75.0	83	1.0	0.867 0.0		
84	83	85	1.0	0.721 0.0	78.9	7.9	75.2	75.6	84	1.0	0.883 0.0		
85	84	86	1.0	0.737 0.0	79.6	6.6	75.9	76.2	85	1.0	0.9	0.0	
86	85	87	1.0	0.755 0.0	80.4	5.4	76.7	76.9	86	1.0	0.917 0.0		
87	86	88	1.0	0.777 0.0	81.3	4.1	77.8	77.9	87	1.0	0.933 0.0		
88	87	89	1.0	0.799 0.0	82.2	2.8	78.8	78.9	88	1.0	0.95	0.0	
89	88	90	1.0	0.821 0.0	83.1	1.4	79.8	79.8	89	1.0	0.967 0.0		
90	89	91	1.0	0.843 0.0	84.0	0.0	80.8	80.8	90	1.0	0.983 0.0		
91	90	92	1.0	0.865 0.0	84.8	-1.3	81.8	81.8	91	1.0	0.0	0.0	0.0
92	91	93	1.0	0.889 0.0	85.8	-2.8	82.9	83.0	92	1.0	0.983 1.0	0.0	
93	92	95	1.0	0.915 0.0	86.9	-4.3	84.2	84.3	93	1.0	0.967 1.0	0.0	
94	93	96	1.0	0.94 0.0	88.0	-5.9	85.4	85.6	94	1.0	0.95 1.0	0.0	
95	94	97	1.0	0.966 0.0	89.0	-7.5	86.6	87.0	95	1.0	0.933 1.0	0.0	
96	95	98	1.0	0.992 0.0	90.1	-9.1	87.8	88.3	96	1.0	0.917 1.0	0.0	
97	96	99	0.977	1.0 0.0	89.7	-10.6	87.3	87.9	97	0.943	1.0 0.0	0.0	
98	97	100	0.943	1.0 0.0	88.7	-12.0	85.9	86.8	98	0.806	1.0 0.0	0.0	
99	98	102	0.909	1.0 0.0	87.6	-13.3	84.6	85.6	99	0.771	1.0 0.0	0.0	
100	99	103	0.875	1.0 0.0	86.5	-14.6	83.2	84.4	100	0.743	1.0 0.0	0.0	
101	100	104	0.84	1.0 0.0	85.5	-15.8	81.9	83.5	101	0.724	1.0 0.0	0.0	
102	101	105	0.806	1.0 0.0	84.5	-17.1	80.7	82.5	102	0.705	1.0 0.0	0.0	
103	102	106	0.771	1.0 0.0	83.4	-18.2	79.4	81.5	103	0.686	1.0 0.0	0.0	
104	103	107	0.743	1.0 0.0	82.5	-19.4	78.1	80.5	104	0.648	1.0 0.0	0.0	
105	104	109	0.724	1.0 0.0	81.8	-20.5	76.7	79.4	105	0.629	1.0 0.0	0.0	
106	105	110	0.705	1.0 0.0	81.0	-21.5	75.3	78.4	106	0.61	1.0 0.0	0.0	
107	106	111	0.686	1.0 0.0	80.3	-22.5	73.9	77.3	107	0.591	1.0 0.0	0.0	
108	107	112	0.667	1.0 0.0	79.6	-23.5	72.5	76.3	108	0.572	1.0 0.0	0.0	
109	108	113	0.648	1.0 0.0	78.8	-24.4	71.1	75.2	109	0.553	1.0 0.0	0.0	
110	109	114	0.629	1.0 0.0	78.1	-25.3	69.7	74.1	110	0.516	1.0 0.0	0.0	
111	110	116	0.61	1.0 0.0	77.4	-26.2	68.6	73.5	111	0.497	1.0 0.0	0.0	
112	111	117	0.591	1.0 0.0	76.7	-27.2	67.6	72.9	112	0.48	1.0 0.0	0.0	
113	112	118	0.572	1.0 0.0	76.1	-28.2	66.7	72.4	113	0.463	1.0 0.0	0.0	
114	113	119	0.553	1.0 0.0	75.4	-29.1	65.7	71.9	114	0.446	1.0 0.0	0.0	
115	114	120	0.535	1.0 0.0	74.7	-30.1	64.7	71.3	115	0.429	1.0 0.0	0.0	
116	115	121	0.516	1.0 0.0	74.1	-30.9	63.6	70.8	116	0.394	1.0 0.0	0.0	
117	116	123	0.497	1.0 0.0	73.4	-31.8	62.7	70.3	117	0.377	1.0 0.0	0.0	
118	117	124	0.48	1.0 0.0	72.8	-32.8	61.9	70.1	118	0.367	1.0 0.0	0.0	
119	118	125	0.463	1.0 0.0	72.1	-33.8	61.2	69.9	119	0.357	1.0 0.0	0.0	
120	119	126	0.446	1.0 0.0	71.5	-34.8	60.4	69.7	120	0.348	1.0 0.0	0.0	
121	120	127	0.429	1.0 0.0	70.8	-35.7	59.6	69.5	121				

OE390-7N, Page of series 4/20, RX0, D65, XYZnw=3.3, 3.4, 3.6, 86.1, 91.1, 95.9, LAB*nw=21.7, 0.3, 0.6, 96.4, -0.7, 2.2, not adapted

Output: Offset print ORS42_18_96; separation cmyn6*, D65 and D50, page 4/20

See original or copy: <http://web.me.com/klaus.richter/OE39/OE39L0NA.TXT> /PS
Technical information: <http://www.ps.bam.de> or <http://130.149.60.45/~farbmetrik>

Data of Maximum color M in colorimetric system Offset print ORS42_18_96; separation cmyn6*, 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: $h_{ab,d} = 31.3, 96.3, 152.3, 234.1, 299.3, 353.1$; 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^*_{s50M}	$rgb^*_{de361Mi}$	rgb^*_{e50M}	$rgb^*_{dd361Mi}$	$rgb^*_{ds361Mi}$	rgb^*_{s50M}	$rgb^*_{de361Mi}$	rgb^*_{e50M}	$rgb^*_{dd361Mi}$	$rgb^*_{ds361Mi}$	rgb^*_{s50M}	$rgb^*_{de361Mi}$	rgb^*_{e50M}	$rgb^*_{dd361Mi}$	$rgb^*_{ds361Mi}$	rgb^*_{s50M}	$rgb^*_{de361Mi}$	rgb^*_{e50M}			
121	120	127	0.429	1.0	0.0	70.8	-35.7	59.6	69.5	121	0.446	1.0	0.0	71.5	-34.8	60.4	69.7	120	0.5	1.0	0.0	0.348	1.0	0.0	67.6	-41.0	54.5	68.2	127	0.5	1.0	0.0	
122	121	128	0.412	1.0	0.0	70.2	-36.6	58.8	69.3	122	0.429	1.0	0.0	70.8	-35.7	59.6	69.5	121	0.483	1.0	0.0	0.339	1.0	0.0	67.1	-41.8	53.6	68.0	128	0.483	1.0	0.0	
123	122	130	0.394	1.0	0.0	69.6	-37.5	58.0	69.1	123	0.412	1.0	0.0	70.2	-36.6	58.8	69.3	122	0.467	1.0	0.0	0.32	1.0	0.0	66.2	-43.3	51.8	67.6	130	0.467	1.0	0.0	
124	123	131	0.377	1.0	0.0	68.9	-38.4	57.1	68.9	124	0.394	1.0	0.0	69.6	-37.5	58.0	69.1	123	0.45	1.0	0.0	0.31	1.0	0.0	65.8	-44.1	50.8	67.3	131	0.45	1.0	0.0	
125	124	132	0.367	1.0	0.0	68.5	-39.3	56.3	68.7	125	0.377	1.0	0.0	68.9	-38.4	57.1	68.9	124	0.433	1.0	0.0	0.301	1.0	0.0	65.3	-44.8	49.9	67.1	132	0.433	1.0	0.0	
126	125	133	0.357	1.0	0.0	68.0	-40.1	55.4	68.5	126	0.367	1.0	0.0	68.5	-39.3	56.3	68.7	125	0.417	1.0	0.0	0.292	1.0	0.0	64.9	-45.5	48.9	66.9	133	0.417	1.0	0.0	
127	126	134	0.348	1.0	0.0	67.6	-41.0	54.5	68.2	127	0.357	1.0	0.0	68.0	-40.1	55.4	68.5	126	0.4	1.0	0.0	0.282	1.0	0.0	64.4	-46.2	48.0	66.7	134	0.4	1.0	0.0	
128	127	135	0.339	1.0	0.0	67.1	-41.8	53.6	68.0	128	0.348	1.0	0.0	67.6	-41.0	54.5	68.2	127	0.383	1.0	0.0	0.273	1.0	0.0	63.9	-46.9	47.0	66.4	135	0.383	1.0	0.0	
129	128	137	0.329	1.0	0.0	66.7	-42.6	52.7	67.8	129	0.339	1.0	0.0	67.1	-41.8	53.6	68.0	128	0.367	1.0	0.0	0.254	1.0	0.0	63.0	-48.2	45.0	66.0	137	0.367	1.0	0.0	
130	129	138	0.32	1.0	0.0	66.2	-43.3	51.8	67.6	130	0.329	1.0	0.0	66.7	-42.6	52.7	67.8	129	0.35	1.0	0.0	0.24	1.0	0.0	62.6	-49.0	44.2	66.1	138	0.35	1.0	0.0	
131	130	139	0.31	1.0	0.0	65.8	-44.1	50.8	67.3	131	0.32	1.0	0.0	66.2	-43.3	51.8	67.6	130	0.333	1.0	0.0	0.224	1.0	0.0	62.2	-50.1	43.6	66.5	139	0.333	1.0	0.0	
132	131	140	0.301	1.0	0.0	65.3	-44.8	49.9	67.1	132	0.31	1.0	0.0	65.8	-44.1	50.8	67.3	131	0.317	1.0	0.0	0.208	1.0	0.0	61.7	-51.1	43.0	66.9	140	0.317	1.0	0.0	
133	132	141	0.292	1.0	0.0	64.9	-45.5	48.9	66.9	133	0.301	1.0	0.0	65.3	-44.8	49.9	67.1	132	0.3	1.0	0.0	0.191	1.0	0.0	61.3	-52.2	42.3	67.3	141	0.3	1.0	0.0	
134	133	142	0.282	1.0	0.0	64.4	-46.2	48.0	66.7	134	0.292	1.0	0.0	64.9	-45.5	48.9	66.9	133	0.283	1.0	0.0	0.175	1.0	0.0	60.9	-53.2	41.7	67.7	142	0.283	1.0	0.0	
135	134	144	0.273	1.0	0.0	63.9	-46.9	47.0	66.4	135	0.282	1.0	0.0	64.4	-46.2	48.0	66.7	134	0.267	1.0	0.0	0.142	1.0	0.0	60.0	-55.3	40.2	68.4	144	0.267	1.0	0.0	
136	135	145	0.263	1.0	0.0	63.5	-47.5	46.0	66.2	136	0.273	1.0	0.0	63.9	-46.9	47.0	66.4	135	0.25	1.0	0.0	0.126	1.0	0.0	59.6	-56.3	39.5	68.8	145	0.25	1.0	0.0	
137	136	146	0.254	1.0	0.0	63.0	-48.2	45.0	66.0	137	0.263	1.0	0.0	63.5	-47.5	46.0	66.2	136	0.233	1.0	0.0	0.108	1.0	0.0	59.1	-57.5	38.8	69.5	146	0.233	1.0	0.0	
138	137	147	0.24	1.0	0.0	62.6	-49.0	44.2	66.1	138	0.254	1.0	0.0	63.0	-48.2	45.0	66.0	137	0.217	1.0	0.0	0.091	1.0	0.0	58.6	-58.7	38.2	70.1	147	0.217	1.0	0.0	
139	138	148	0.224	1.0	0.0	62.2	-50.1	43.6	66.5	139	0.24	1.0	0.0	62.6	-49.0	44.2	66.1	138	0.2	1.0	0.0	0.074	1.0	0.0	58.1	-59.9	37.5	70.7	148	0.2	1.0	0.0	
140	139	149	0.208	1.0	0.0	61.7	-51.1	43.0	66.9	140	0.224	1.0	0.0	62.2	-50.1	43.6	66.5	139	0.183	1.0	0.0	0.056	1.0	0.0	57.6	-61.1	36.8	71.4	149	0.183	1.0	0.0	
141	140	151	0.191	1.0	0.0	61.3	-52.2	42.3	67.3	141	0.208	1.0	0.0	61.7	-51.1	43.0	66.9	140	0.167	1.0	0.0	0.022	1.0	0.0	56.6	-63.4	35.2	72.7	151	0.167	1.0	0.0	
142	141	152	0.175	1.0	0.0	60.9	-53.2	41.7	67.7	142	0.191	1.0	0.0	61.3	-52.2	42.3	67.3	141	0.15	1.0	0.0	0.004	1.0	0.0	56.1	-64.6	34.4	73.3	152	0.15	1.0	0.0	
143	142	153	0.159	1.0	0.0	60.5	-54.3	41.0	68.1	143	0.175	1.0	0.0	60.9	-53.2	41.7	67.7	142	0.133	1.0	0.0	0.0	1.0	0.014	56.1	-64.7	33.0	72.8	153	0.133	1.0	0.0	
144	143	154	0.142	1.0	0.0	60.0	-55.3	40.2	68.4	144	0.159	1.0	0.0	60.5	-54.3	41.0	68.1	143	0.117	1.0	0.0	0.0	1.0	0.032	56.2	-64.4	31.5	71.8	154	0.117	1.0	0.0	
145	144	155	0.126	1.0	0.0	59.6	-56.3	39.5	68.8	145	0.142	1.0	0.0	60.0	-55.3	40.2	68.4	144	0.1	1.0	0.0	0.0	1.0	0.05	56.3	-64.1	29.9	70.9	155	0.1	1.0	0.0	
146	145	156	0.108	1.0	0.0	59.1	-57.5	38.8	69.5	146	0.126	1.0	0.0	59.6	-56.3	39.5	68.8	145	0.083	1.0	0.0	0.0	1.0	0.069	56.4	-63.8	28.4	69.9	156	0.083	1.0	0.0	
147	146	158	0.091	1.0	0.0	58.6	-58.7	38.2	70.1	147	0.108	1.0	0.0	59.1	-57.5	38.8	69.5	146	0.067	1.0	0.0	0.0	1.0	0.106	56.6	-63.0	25.5	68.0	158	0.067	1.0	0.0	
148	147	159	0.074	1.0	0.0	58.1	-59.9	37.5	70.7	148	0.091	1.0	0.0	58.6	-58.7	38.2	70.1	147	0.05	1.0	0.0	0.0	1.0	0.124	56.8	-62.5	24.0	67.1	159	0.05	1.0	0.0	
149	148	160	0.056	1.0	0.0	57.6	-61.1	36.8	71.4	149	0.074	1.0	0.0	58.1	-59.9	37.5	70.7	148	0.033	1.0	0.0	0.0	1.0	0.139	56.9	-62.2	22.7	66.3	160	0.033	1.0	0.0	
150	149	161	0.039	1.0	0.0	57.1	-62.3	36.0	72.0	150	0.056	1.0	0.0	57.6	-61.1	36.8	71.4	149	0.017	1.0	0.0	0.0	1.0	0.154	57.0	-61.9	21.3	65.5	161	0.017	1.0	0.0	
151	150	162	0.022	1.0	0.0	56.6	-63.4	35.2	72.7	151	0.039	1.0	0.0	57.1	-62.3	36.0	72.0	150	0.0	1.0	0.006 _s	0.0	1.0	0.168	57.1	-61.5	20.0	64.8	162	0.0	1.0	0.006 _e	0.0
152	151	163	0.004	1.0	0.0	56.1	-64.6	34.4	73.3	152	0.022	1.0	0.0	56.6	-63.4	35.2	72.7	151	0.0	1.0	0.017	0.0	1.0	0.183	57.2	-61.1	18.7	64.0	163	0.0	1.0	0.017	0.0
153	152	164	0.0	1.0	0.014	56.1	-64.7	33.0	72.8	153	0.004	1.0	0.0	56.1	-64.6	34.4	73.3	152	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 Offset print ORS42_18_96; separation cmyn6*, 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: $h_{ab,d} = 31.3, 96.3, 152.3, 234.1, 299.3, 353.1$; 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}										
166	165	176	0.0	1.0	0.227	57.5	-59.8	14.9	61.7	166	0.0	1.0	0.25										
167	166	177	0.0	1.0	0.241	57.6	-59.3	13.7	60.9	167	0.0	1.0	0.267										
168	167	178	0.0	1.0	0.254	57.7	-58.8	12.5	60.3	168	0.0	1.0	0.283										
169	168	179	0.0	1.0	0.265	57.8	-58.5	11.4	59.7	169	0.0	1.0	0.3										
170	169	180	0.0	1.0	0.276	57.8	-58.2	10.3	59.2	170	0.0	1.0	0.317										
171	170	180	0.0	1.0	0.286	57.9	-57.8	9.2	58.7	171	0.0	1.0	0.333										
172	171	181	0.0	1.0	0.297	58.0	-57.5	8.1	58.1	172	0.0	1.0	0.35										
173	172	182	0.0	1.0	0.308	58.1	-57.1	7.0	57.6	173	0.0	1.0	0.367										
174	173	183	0.0	1.0	0.318	58.2	-56.6	6.0	57.1	174	0.0	1.0	0.383										
175	174	184	0.0	1.0	0.329	58.3	-56.2	4.9	56.5	175	0.0	1.0	0.4										
176	175	185	0.0	1.0	0.34	58.4	-55.7	3.9	56.0	176	0.0	1.0	0.417										
177	176	186	0.0	1.0	0.35	58.5	-55.3	2.9	55.4	177	0.0	1.0	0.433										
178	177	187	0.0	1.0	0.361	58.5	-54.8	1.9	54.9	178	0.0	1.0	0.45										
179	178	188	0.0	1.0	0.372	58.6	-54.3	0.9	54.4	179	0.0	1.0	0.467										
180	179	189	0.0	1.0	0.383	58.7	-53.9	0.0	54.0	180	0.0	1.0	0.483										
181	180	190	0.0	1.0	0.395	58.8	-53.6	-0.8	53.7	181	0.0	1.0	0.5										
182	181	191	0.0	1.0	0.407	58.9	-53.2	-1.8	53.4	182	0.0	1.0	0.517										
183	182	191	0.0	1.0	0.419	59.0	-52.9	-2.7	53.1	183	0.0	1.0	0.533										
184	183	192	0.0	1.0	0.43	59.0	-52.5	-3.6	52.7	184	0.0	1.0	0.55										
185	184	193	0.0	1.0	0.442	59.1	-52.1	-4.5	52.4	185	0.0	1.0	0.567										
186	185	194	0.0	1.0	0.454	59.2	-51.7	-5.3	52.1	186	0.0	1.0	0.583										
187	186	195	0.0	1.0	0.466	59.3	-51.3	-6.2	51.8	187	0.0	1.0	0.6										
188	187	196	0.0	1.0	0.478	59.4	-50.9	-7.1	51.5	188	0.0	1.0	0.617										
189	188	197	0.0	1.0	0.489	59.5	-50.4	-7.9	51.2	189	0.0	1.0	0.633										
190	189	198	0.0	1.0	0.501	59.5	-50.0	-8.7	50.9	190	0.0	1.0	0.65										
191	190	199	0.0	1.0	0.512	59.6	-49.7	-9.6	50.7	191	0.0	1.0	0.667										
192	191	200	0.0	1.0	0.522	59.6	-49.4	-10.4	50.6	192	0.0	1.0	0.683										
193	192	201	0.0	1.0	0.533	59.7	-49.0	-11.2	50.4	193	0.0	1.0	0.7										
194	193	201	0.0	1.0	0.543	59.7	-48.7	-12.1	50.3	194	0.0	1.0	0.717										
195	194	202	0.0	1.0	0.554	59.8	-48.3	-12.9	50.1	195	0.0	1.0	0.733										
196	195	203	0.0	1.0	0.564	59.8	-47.9	-13.7	50.0	196	0.0	1.0	0.75										
197	196	204	0.0	1.0	0.575	59.9	-47.6	-14.5	49.8	197	0.0	1.0	0.767										
198	197	205	0.0	1.0	0.586	59.9	-47.1	-15.3	49.7	198	0.0	1.0	0.783										
199	198	206	0.0	1.0	0.596	60.0	-46.7	-16.0	49.5	199	0.0	1.0	0.8										
200	199	207	0.0	1.0	0.607	60.0	-46.3	-16.8	49.4	200	0.0	1.0	0.817										
201	200	208	0.0	1.0	0.617	60.1	-45.9	-17.5	49.2	201	0.0	1.0	0.833										
202	201	209	0.0	1.0	0.628	60.1	-45.4	-18.3	49.1	202	0.0	1.0	0.85										
203	202	210	0.0	1.0	0.639	60.2	-45.1	-19.1	49.1	203	0.0	1.0	0.867										
204	203	211	0.0	1.0	0.649	60.3	-44.7	-19.9	49.1	204	0.0	1.0	0.883										
205	204	212	0.0	1.0	0.66	60.4	-44.3	-20.6	49.0	205	0.0	1.0	0.9										
206	205	212	0.0	1.0	0.671	60.4	-43.9	-21.4	49.0	206	0.0	1.0	0.917										
207	206	213	0.0	1.0	0.681	60.5	-43.5	-22.1	49.0	207	0.0	1.0	0.933										
208	207	214	0.0	1.0	0.692	60.6	-43.1	-22.9	48.9	208	0.0	1.0	0.95										
209	208	215	0.0	1.0	0.702	60.7	-42.7	-23.6	48.9	209	0.0	1.0	0.967										
210	209	216	0.0	1.0	0.713	60.7	-42.2	-24.3	48.9	210	0.0	1.0	0.983										
211	210	217	0.0	1.0	0.724	60.8	-41.8	-25.1	48.9	211	0.0	1.0	1.0C _s										
											0.0	1.0	1.0C _e										

OE390-7N, Page of series 6/20, RX0, D65, XYZnw=3.3, 3.4, 3.6, 86.1, 91.1, 95.9, LAB*nw=21.7, 0.3, 0.6, 96.4, -0.7, 2.2, not adapted

Output: Offset print ORS42_18_96; separation cmyn6*, D65 and D50, page 6/20

TUB-test chart OE39; 48 and 360 step hue circles, Page 6/20
Data of Offset print ORS42_18_96, separation cmyn6*, D65 and D50

input: rgb^*_d set $rgbcolor$
output: $cmyn6^*_d = f_6(rgb^*_d)$

TUB registration: 20110301-OE39/OE39L0NA.TXT /PS
application for measurement of printer or monitor systems

TUB material: code=rha4ta

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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 Offset print ORS42_18_96; separation cmyn6*, 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: $h_{ab,d} = 31.3, 96.3, 152.3, 234.1, 299.3, 353.1$; 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	rgb^*_s	rgb^*_e	$LAB^*_{ds361Mi}$	$LAB^*_{ds361Mix(x=LabCh)}$	rgb^*_{s50M}	rgb^*_d	rgb^*_s	rgb^*_e
211	210	217	0.0	1.0	0.724	60.8	-41.8 -25.1 48.9	211	0.0	1.0	0.724
212	211	218	0.0	1.0	0.734	60.9	-41.3 -25.8 48.8	212	0.0	1.0	0.734
213	212	219	0.0	1.0	0.745	61.0	-40.8 -26.5 48.8	213	0.0	1.0	0.745
214	213	220	0.0	1.0	0.757	61.1	-40.4 -27.2 48.8	214	0.0	1.0	0.757
215	214	221	0.0	1.0	0.769	61.2	-40.0 -28.0 48.9	215	0.0	1.0	0.769
216	215	222	0.0	1.0	0.782	61.3	-39.5 -28.7 49.0	216	0.0	1.0	0.782
217	216	222	0.0	1.0	0.794	61.4	-39.1 -29.4 49.1	217	0.0	1.0	0.794
218	217	223	0.0	1.0	0.806	61.5	-38.6 -30.2 49.2	218	0.0	1.0	0.806
219	218	224	0.0	1.0	0.819	61.6	-38.2 -30.9 49.2	219	0.0	1.0	0.819
220	219	225	0.0	1.0	0.831	61.7	-37.7 -31.6 49.3	220	0.0	1.0	0.831
221	220	226	0.0	1.0	0.844	61.8	-37.2 -32.3 49.4	221	0.0	1.0	0.844
222	221	227	0.0	1.0	0.856	61.9	-36.7 -33.0 49.5	222	0.0	1.0	0.856
223	222	228	0.0	1.0	0.869	62.0	-36.1 -33.7 49.6	223	0.0	1.0	0.869
224	223	229	0.0	1.0	0.881	62.1	-35.7 -34.4 49.7	224	0.0	1.0	0.881
225	224	230	0.0	1.0	0.893	62.2	-35.2 -35.2 49.9	225	0.0	1.0	0.893
226	225	231	0.0	1.0	0.904	62.2	-34.7 -36.0 50.2	226	0.0	1.0	0.904
227	226	232	0.0	1.0	0.916	62.3	-34.3 -36.7 50.4	227	0.0	1.0	0.916
228	227	232	0.0	1.0	0.928	62.4	-33.8 -37.5 50.6	228	0.0	1.0	0.928
229	228	233	0.0	1.0	0.94	62.5	-33.2 -38.3 50.8	229	0.0	1.0	0.94
230	229	234	0.0	1.0	0.951	62.6	-32.7 -39.0 51.0	230	0.0	1.0	0.951
231	230	235	0.0	1.0	0.963	62.7	-32.2 -39.7 51.3	231	0.0	1.0	0.963
232	231	236	0.0	1.0	0.975	62.7	-31.6 -40.5 51.5	232	0.0	1.0	0.975
233	232	237	0.0	1.0	0.987	62.8	-31.0 -41.2 51.7	233	0.0	1.0	0.987
234	233	238	0.0	1.0	0.998	62.9	-30.4 -41.9 51.9	234	0.0	1.0	0.998
235	234	239	0.0	0.982	1.0	62.3	-29.5 -42.2 51.6	235	0.0	0.982	1.0
236	235	240	0.0	0.96	1.0	61.6	-28.5 -42.3 51.2	236	0.0	0.96	1.0
237	236	241	0.0	0.939	1.0	60.9	-27.5 -42.5 50.8	237	0.0	0.939	1.0
238	237	242	0.0	0.918	1.0	60.2	-26.6 -42.6 50.3	238	0.0	0.918	1.0
239	238	243	0.0	0.897	1.0	59.6	-25.6 -42.7 49.9	239	0.0	0.897	1.0
240	239	243	0.0	0.876	1.0	58.9	-24.6 -42.8 49.5	240	0.0	0.876	1.0
241	240	244	0.0	0.854	1.0	58.2	-23.7 -42.9 49.1	241	0.0	0.854	1.0
242	241	245	0.0	0.833	1.0	57.6	-22.8 -43.0 48.8	242	0.0	0.833	1.0
243	242	246	0.0	0.812	1.0	57.0	-21.9 -43.1 48.4	243	0.0	0.812	1.0
244	243	247	0.0	0.79	1.0	56.3	-21.0 -43.1 48.1	244	0.0	0.79	1.0
245	244	248	0.0	0.769	1.0	55.7	-20.1 -43.1 47.7	245	0.0	0.769	1.0
246	245	249	0.0	0.748	1.0	55.0	-19.2 -43.2 47.4	246	0.0	0.748	1.0
247	246	250	0.0	0.733	1.0	54.4	-18.3 -43.3 47.2	247	0.0	0.733	1.0
248	247	251	0.0	0.717	1.0	53.8	-17.5 -43.4 47.0	248	0.0	0.717	1.0
249	248	252	0.0	0.702	1.0	53.2	-16.7 -43.6 46.8	249	0.0	0.702	1.0
250	249	253	0.0	0.687	1.0	52.6	-15.8 -43.6 46.6	250	0.0	0.687	1.0
251	250	253	0.0	0.671	1.0	52.0	-15.0 -43.7 46.4	251	0.0	0.671	1.0
252	251	254	0.0	0.656	1.0	51.4	-14.2 -43.8 46.2	252	0.0	0.656	1.0
253	252	255	0.0	0.64	1.0	50.8	-13.3 -43.8 46.0	253	0.0	0.64	1.0
254	253	256	0.0	0.625	1.0	50.2	-12.5 -43.9 45.8	254	0.0	0.625	1.0
255	254	257	0.0	0.61	1.0	49.7	-11.7 -44.0 45.7	255	0.0	0.61	1.0
256	255	258	0.0	0.596	1.0	49.1	-10.9 -44.1 45.6	256	0.0	0.596	1.0

OE390-7N, Page of series 7/20, RX0, D65, XYZnw=3.3, 3.4, 3.6, 86.1, 91.1, 95.9, LAB*nw=21.7, 0.3, 0.6, 96.4, -0.7, 2.2, not adapted

TUB-test chart OE39; 48 and 360 step hue circles, Page 7/20
Data of Offset print ORS42_18_96, separation cmyn6*, D65 and D50

Output: Offset print ORS42_18_96; separation cmyn6*, D65 and D50, page 7/20

input: rgb^*_d set $rgbcolor$
output: $cmyn6^*_d = f_6(rgb^*_d)$

TUB registration: 20110301-OE39/OE39L0NA.TXT /PS
application for measurement of printer or monitor systems

TUB material: code=rha4ta

See original or copy: <http://web.me.com/klaus.richter/OE39/OE39L0NA.TXT> /PS
Technical information: <http://www.ps.bam.de> or <http://130.149.60.45/~farbmetrik>

Data of Maximum color M in colorimetric system Offset print ORS42_18_96; separation cmyn6*, 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: $h_{ab,d} = 31.3, 96.3, 152.3, 234.1, 299.3, 353.1$; 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	$dd361Mi$	LAB^*_d	$dd361Mix$ (x=LabCh)	rgb^*_s	$ds361Mi$	LAB^*_s	$ds361Mix$ (x=LabCh)	rgb^*_M	$s50M$	rgb^*_e	$de361Mi$	LAB^*_e	$de361Mix$ (x=LabCh)	rgb^*_M	$e50M$	rgb^*_d	rgb^*_s	rgb^*_e							
256	255	258	0.0	0.596	1.0	49.1 -10.9 -44.1 45.6	256	0.0	0.61	1.0	49.7 -11.7 -44.0 45.7	255	0.0	0.25	1.0	0.0	0.568	1.0	48.1 -9.3 -44.4 45.4	258	0.0	0.25	1.0					
257	256	259	0.0	0.582	1.0	48.6 -10.1 -44.3 45.5	257	0.0	0.596	1.0	49.1 -10.9 -44.1 45.6	256	0.0	0.233	1.0	0.0	0.553	1.0	47.5 -8.6 -44.4 45.4	259	0.0	0.233	1.0					
258	257	260	0.0	0.568	1.0	48.1 -9.3 -44.4 45.4	258	0.0	0.582	1.0	48.6 -10.1 -44.3 45.5	257	0.0	0.217	1.0	0.0	0.539	1.0	47.0 -7.8 -44.5 45.3	260	0.0	0.217	1.0					
259	258	261	0.0	0.553	1.0	47.5 -8.6 -44.4 45.4	259	0.0	0.568	1.0	48.1 -9.3 -44.4 45.4	258	0.0	0.2	1.0	0.0	0.525	1.0	46.5 -7.0 -44.6 45.2	261	0.0	0.2	1.0					
260	259	262	0.0	0.539	1.0	47.0 -7.8 -44.5 45.3	260	0.0	0.553	1.0	47.5 -8.6 -44.4 45.4	259	0.0	0.183	1.0	0.0	0.51	1.0	45.9 -6.2 -44.6 45.1	262	0.0	0.183	1.0					
261	260	263	0.0	0.525	1.0	46.5 -7.0 -44.6 45.2	261	0.0	0.539	1.0	47.0 -7.8 -44.5 45.3	260	0.0	0.167	1.0	0.0	0.497	1.0	45.4 -5.4 -44.6 45.1	263	0.0	0.167	1.0					
262	261	264	0.0	0.51	1.0	45.9 -6.2 -44.6 45.1	262	0.0	0.525	1.0	46.5 -7.0 -44.6 45.2	261	0.0	0.15	1.0	0.0	0.485	1.0	44.9 -4.6 -44.7 45.1	264	0.0	0.15	1.0					
263	262	264	0.0	0.497	1.0	45.4 -5.4 -44.6 45.1	263	0.0	0.51	1.0	45.9 -6.2 -44.6 45.1	262	0.0	0.133	1.0	0.0	0.485	1.0	44.9 -4.6 -44.7 45.1	264	0.0	0.133	1.0					
264	263	265	0.0	0.485	1.0	44.9 -4.6 -44.7 45.1	264	0.0	0.497	1.0	45.4 -5.4 -44.6 45.1	263	0.0	0.117	1.0	0.0	0.472	1.0	44.5 -3.8 -44.8 45.1	265	0.0	0.117	1.0					
265	264	266	0.0	0.472	1.0	44.5 -3.8 -44.8 45.1	265	0.0	0.485	1.0	44.9 -4.6 -44.7 45.1	264	0.0	0.1	1.0	0.0	0.46	1.0	44.0 -3.0 -44.9 45.1	266	0.0	0.1	1.0					
266	265	267	0.0	0.46	1.0	44.0 -3.0 -44.9 45.1	266	0.0	0.472	1.0	44.5 -3.8 -44.8 45.1	265	0.0	0.083	1.0	0.0	0.448	1.0	43.5 -2.3 -44.9 45.1	267	0.0	0.083	1.0					
267	266	268	0.0	0.448	1.0	43.5 -2.3 -44.9 45.1	267	0.0	0.46	1.0	44.0 -3.0 -44.9 45.1	266	0.0	0.067	1.0	0.0	0.436	1.0	43.0 -1.5 -44.9 45.1	268	0.0	0.067	1.0					
268	267	269	0.0	0.436	1.0	43.0 -1.5 -44.9 45.1	268	0.0	0.448	1.0	43.5 -2.3 -44.9 45.1	267	0.0	0.05	1.0	0.0	0.424	1.0	42.5 -0.7 -45.0 45.1	269	0.0	0.05	1.0					
269	268	270	0.0	0.424	1.0	42.5 -0.7 -45.0 45.1	269	0.0	0.436	1.0	43.0 -1.5 -44.9 45.1	268	0.0	0.033	1.0	0.0	0.412	1.0	42.1 0.0 -45.0 45.1	270	0.0	0.033	1.0					
270	269	271	0.0	0.412	1.0	42.1 0.0 -45.0 45.1	270	0.0	0.424	1.0	42.5 -0.7 -45.0 45.1	269	0.0	0.017	1.0	0.0	0.399	1.0	41.6 0.8 -44.9 45.1	271	0.0	0.017	1.0					
271	270	272	0.0	0.399	1.0	41.6 0.8 -44.9 45.1	271	0.0	0.412	1.0	42.1 0.0 -45.0 45.1	270	0.0	0.0	1.0B _s	0.0	0.387	1.0	41.1 1.6 -44.9 45.1	272	0.0	0.0	1.0B _e					
272	271	273	0.0	0.387	1.0	41.1 1.6 -44.9 45.1	272	0.0	0.399	1.0	41.6 0.8 -44.9 45.1	271	0.0	0.017	0.0	1.0	0.0	0.375	1.0	40.6 2.4 -44.9 45.0	273	0.0	0.017	0.0	1.0			
273	272	274	0.0	0.375	1.0	40.6 2.4 -44.9 45.0	273	0.0	0.387	1.0	41.1 1.6 -44.9 45.1	272	0.0	0.033	0.0	1.0	0.0	0.361	1.0	40.2 3.2 -45.0 45.2	274	0.0	0.033	0.0	1.0			
274	273	275	0.0	0.361	1.0	40.2 3.2 -45.0 45.2	274	0.0	0.375	1.0	40.6 2.4 -44.9 45.0	273	0.0	0.05	0.0	1.0	0.0	0.347	1.0	39.7 4.0 -45.2 45.5	275	0.0	0.05	0.0	1.0			
275	274	276	0.0	0.347	1.0	39.7 4.0 -45.2 45.5	275	0.0	0.361	1.0	40.2 3.2 -45.0 45.2	274	0.0	0.067	0.0	1.0	0.0	0.332	1.0	39.2 4.8 -45.3 45.7	276	0.0	0.067	0.0	1.0			
276	275	276	0.0	0.332	1.0	39.2 4.8 -45.3 45.7	276	0.0	0.347	1.0	39.7 4.0 -45.2 45.5	275	0.0	0.083	0.0	1.0	0.0	0.332	1.0	39.2 4.8 -45.3 45.7	276	0.0	0.083	0.0	1.0			
277	276	277	0.0	0.318	1.0	38.7 5.6 -45.4 45.9	277	0.0	0.332	1.0	39.2 4.8 -45.3 45.7	276	0.1	0.0	1.0	0.0	0.318	1.0	38.7 5.6 -45.4 45.9	277	0.1	0.0	1.0					
278	277	278	0.0	0.304	1.0	38.2 6.4 -45.5 46.1	278	0.0	0.318	1.0	38.7 5.6 -45.4 45.9	277	0.117	0.0	1.0	0.0	0.304	1.0	38.2 6.4 -45.5 46.1	278	0.117	0.0	1.0					
279	278	279	0.0	0.29	1.0	37.7 7.2 -45.6 46.3	279	0.0	0.304	1.0	38.2 6.4 -45.5 46.1	278	0.133	0.0	1.0	0.0	0.29	1.0	37.7 7.2 -45.6 46.3	279	0.133	0.0	1.0					
280	279	280	0.0	0.275	1.0	37.2 8.1 -45.7 46.5	280	0.0	0.29	1.0	37.7 7.2 -45.6 46.3	279	0.15	0.0	1.0	0.0	0.275	1.0	37.2 8.1 -45.7 46.5	280	0.15	0.0	1.0					
281	280	281	0.0	0.261	1.0	36.8 8.9 -45.7 46.7	281	0.0	0.275	1.0	37.2 8.1 -45.7 46.5	280	0.167	0.0	1.0	0.0	0.261	1.0	36.8 8.9 -45.7 46.7	281	0.167	0.0	1.0					
282	281	282	0.0	0.247	1.0	36.3 9.8 -45.8 46.9	282	0.0	0.261	1.0	36.8 8.9 -45.7 46.7	281	0.183	0.0	1.0	0.0	0.247	1.0	36.3 9.8 -45.8 46.9	282	0.183	0.0	1.0					
283	282	283	0.0	0.232	1.0	35.8 10.6 -45.9 47.2	283	0.0	0.247	1.0	36.3 9.8 -45.8 46.9	282	0.2	0.0	1.0	0.0	0.232	1.0	35.8 10.6 -45.9 47.2	283	0.2	0.0	1.0					
284	283	284	0.0	0.218	1.0	35.2 11.5 -46.1 47.6	284	0.0	0.232	1.0	35.8 10.6 -45.9 47.2	283	0.217	0.0	1.0	0.0	0.218	1.0	35.2 11.5 -46.1 47.6	284	0.217	0.0	1.0					
285	284	285	0.0	0.204	1.0	34.7 12.4 -46.2 47.9	285	0.0	0.218	1.0	35.2 11.5 -46.1 47.6	284	0.233	0.0	1.0	0.0	0.204	1.0	34.7 12.4 -46.2 47.9	285	0.233	0.0	1.0					
286	285	286	0.0	0.189	1.0	34.2 13.3 -46.3 48.2	286	0.0	0.204	1.0	34.7 12.4 -46.2 47.9	285	0.25	0.0	1.0	0.0	0.189	1.0	34.2 13.3 -46.3 48.2	286	0.25	0.0	1.0					
287	286	287	0.0	0.175	1.0	33.7 14.2 -46.4 48.6	287	0.0	0.189	1.0	34.2 13.3 -46.3 48.2	286	0.267	0.0	1.0	0.0	0.175	1.0	33.7 14.2 -46.4 48.6	287	0.267	0.0	1.0					
288	287	288	0.0	0.16	1.0	33.2 15.1 -46.4 48.9	288	0.0	0.175	1.0	33.7 14.2 -46.4 48.6	287	0.283	0.0	1.0	0.0	0.16	1.0	33.2 15.1 -46.4 48.9	288	0.283	0.0	1.0					
289	288	289	0.0	0.146	1.0	32.6 16.0 -46.5 49.3	289	0.0	0.16	1.0	33.2 15.1 -46.4 48.9	288	0.3	0.0	1.0	0.0	0.146	1.0	32.6 16.0 -46.5 49.3	289	0.3	0.0	1.0					
290	289	290	0.0	0.132	1.0	32.1 17.0 -46.5 49.6	290	0.0	0.146	1.0	32.6 16.0 -46.5 49.3	289	0.317	0.0	1.0	0.0	0.132	1.0	32.1 17.0 -46.5 49.6	290	0.317	0.0	1.0					
291	290	291	0.0	0.117	1.0	31.6 17.9 -46.6 50.0	291	0.0	0.132	1.0	32.1 17.0 -46.5 49.6	290	0.333	0.0	1.0	0.0	0.117	1.0	31.3									

See original or copy: <http://web.me.com/klaus.richter/OE39/OE39L0NA.TXT> / <http://www.ps.bam.de> or <http://130.149.60.45/~fabmetrik>

TUB registration: 20110301-OE39/OE39L0NA.TXT/.PS
application for measurement of printer or monitor systems

TUB material: code=rha4ta

Data of Maximum color M in colorimetric system Offset print ORS42_18_96; separation cmyn6*, 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 : $h_{ab,d} = 31.3, 96.3, 152.3, 234.1, 299.3, 353.1$; Six hue angles of the elementary colours e : $h_{ab,e} = 25.5, 92.3, 162.2, 217.0, 271.7, 328.6$

[illegible]

See original or copy: <http://web.me.com/klaus.richter/OE39/OE39L0NA.TXT> / .PS
Technical information: <http://www.ps.bam.de> or <http://130.149.60.45/~farbmetrik>

Data of Maximum color M in colorimetric system Offset print ORS42_18_96; separation cmyn6*, 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: $h_{ab,d} = 31.3, 96.3, 152.3, 234.1, 299.3, 353.1$; 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	0.816 0.0 1.0	46.0 66.1 -16.4 68.1 346	0.792 0.0 1.0	45.5 65.0 -17.3 67.3 345	1.0 0.0 0.75	0.74 0.0 1.0	44.4 62.9 -19.1 65.8 343	1.0 0.0 0.75									
347	346	344	0.841 0.0 1.0	46.6 67.1 -15.4 68.8 347	0.816 0.0 1.0	46.0 66.1 -16.4 68.1 346	1.0 0.0 0.733	0.767 0.0 1.0	45.0 64.0 -18.2 66.5 344	1.0 0.0 0.733									
348	347	345	0.865 0.0 1.0	47.1 68.1 -14.4 69.6 348	0.841 0.0 1.0	46.6 67.1 -15.4 68.8 347	1.0 0.0 0.717	0.792 0.0 1.0	45.5 65.0 -17.3 67.3 345	1.0 0.0 0.717									
349	348	346	0.891 0.0 1.0	47.5 69.2 -13.3 70.5 349	0.865 0.0 1.0	47.1 68.1 -14.4 69.6 348	1.0 0.0 0.7	0.816 0.0 1.0	46.0 66.1 -16.4 68.1 346	1.0 0.0 0.7									
350	349	347	0.917 0.0 1.0	48.0 70.3 -12.3 71.4 350	0.891 0.0 1.0	47.5 69.2 -13.3 70.5 349	1.0 0.0 0.683	0.841 0.0 1.0	46.6 67.1 -15.4 68.8 347	1.0 0.0 0.683									
351	350	348	0.944 0.0 1.0	48.5 71.4 -11.2 72.3 351	0.917 0.0 1.0	48.0 70.3 -12.3 71.4 350	1.0 0.0 0.667	0.865 0.0 1.0	47.1 68.1 -14.4 69.6 348	1.0 0.0 0.667									
352	351	349	0.971 0.0 1.0	48.9 72.5 -10.1 73.2 352	0.944 0.0 1.0	48.5 71.4 -11.2 72.3 351	1.0 0.0 0.65	0.891 0.0 1.0	47.5 69.2 -13.3 70.5 349	1.0 0.0 0.65									
353	352	349	0.997 0.0 1.0	49.4 73.6 -8.9 74.2 353M _d	0.971 0.0 1.0	48.9 72.5 -10.1 73.2 352	1.0 0.0 0.633	0.891 0.0 1.0	47.5 69.2 -13.3 70.5 349	1.0 0.0 0.633									
354	353	350	1.0 0.0 0.972	49.4 73.4 -7.6 73.8 354	0.997 0.0 1.0	49.4 73.6 -8.9 74.2 353	1.0 0.0 0.617	0.917 0.0 1.0	48.0 70.3 -12.3 71.4 350	1.0 0.0 0.617									
355	354	351	1.0 0.0 0.941	49.4 73.0 -6.3 73.3 355	1.0 0.0 0.972	49.4 73.4 -7.6 73.8 354	1.0 0.0 0.6	0.944 0.0 1.0	48.5 71.4 -11.2 72.3 351	1.0 0.0 0.6									
356	355	352	1.0 0.0 0.909	49.4 72.6 -5.0 72.7 356	1.0 0.0 0.941	49.4 73.0 -6.3 73.3 355	1.0 0.0 0.583	0.971 0.0 1.0	48.9 72.5 -10.1 73.2 352	1.0 0.0 0.583									
357	356	353	1.0 0.0 0.878	49.4 72.1 -3.7 72.2 357	1.0 0.0 0.909	49.4 72.6 -5.0 72.7 356	1.0 0.0 0.567	0.997 0.0 1.0	49.4 73.6 -8.9 74.2 353	1.0 0.0 0.567									
358	357	354	1.0 0.0 0.844	49.4 71.9 -2.4 72.0 358	1.0 0.0 0.878	49.4 72.1 -3.7 72.2 357	1.0 0.0 0.55	1.0 0.0 0.972	49.4 73.4 -7.6 73.8 354	1.0 0.0 0.55									
359	358	355	1.0 0.0 0.81	49.3 71.8 -1.2 71.8 359	1.0 0.0 0.844	49.4 71.9 -2.4 72.0 358	1.0 0.0 0.533	1.0 0.0 0.941	49.4 73.0 -6.3 73.3 355	1.0 0.0 0.533									
0	359	356	1.0 0.0 0.776	49.3 71.6 0.0 71.6 0	1.0 0.0 0.81	49.3 71.8 -1.2 71.8 359	1.0 0.0 0.517	1.0 0.0 0.909	49.4 72.6 -5.0 72.7 356	1.0 0.0 0.517									
1	360	357	1.0 0.0 0.744	49.2 71.4 1.2 71.4 1	1.0 0.0 0.776	49.3 71.6 0.0 71.6 0	1.0 0.0 0.5	1.0 0.0 0.878	49.4 72.1 -3.7 72.2 357	1.0 0.0 0.5									
2	361	358	1.0 0.0 0.719	49.2 71.1 2.5 71.2 2	1.0 0.0 0.744	49.2 71.4 1.2 71.4 1	1.0 0.0 0.483	1.0 0.0 0.844	49.4 71.9 -2.4 72.0 358	1.0 0.0 0.483									
3	362	359	1.0 0.0 0.693	49.2 70.8 3.7 70.9 3	1.0 0.0 0.719	49.2 71.1 2.5 71.2 2	1.0 0.0 0.467	1.0 0.0 0.81	49.3 71.8 -1.2 71.8 359	1.0 0.0 0.467									
4	363	360	1.0 0.0 0.668	49.2 70.5 4.9 70.7 4	1.0 0.0 0.693	49.2 70.8 3.7 70.9 3	1.0 0.0 0.45	1.0 0.0 0.776	49.3 71.6 0.0 71.6 0	1.0 0.0 0.45									
5	364	361	1.0 0.0 0.643	49.2 70.2 6.1 70.5 5	1.0 0.0 0.668	49.2 70.5 4.9 70.7 4	1.0 0.0 0.433	1.0 0.0 0.744	49.2 71.4 1.2 71.4 1	1.0 0.0 0.433									
6	365	362	1.0 0.0 0.617	49.2 69.9 7.4 70.3 6	1.0 0.0 0.643	49.2 70.2 6.1 70.5 5	1.0 0.0 0.417	1.0 0.0 0.719	49.2 71.1 2.5 71.2 2	1.0 0.0 0.417									
7	366	363	1.0 0.0 0.591	49.1 69.9 8.6 70.4 7	1.0 0.0 0.617	49.2 69.9 7.4 70.3 6	1.0 0.0 0.4	1.0 0.0 0.693	49.2 70.8 3.7 70.9 3	1.0 0.0 0.4									
8	367	364	1.0 0.0 0.564	49.0 69.8 9.8 70.5 8	1.0 0.0 0.591	49.1 69.9 8.6 70.4 7	1.0 0.0 0.383	1.0 0.0 0.668	49.2 70.5 4.9 70.7 4	1.0 0.0 0.383									
9	368	365	1.0 0.0 0.537	49.0 69.8 11.0 70.6 9	1.0 0.0 0.564	49.0 69.8 9.8 70.5 8	1.0 0.0 0.367	1.0 0.0 0.643	49.2 70.2 6.1 70.5 5	1.0 0.0 0.367									
10	369	366	1.0 0.0 0.511	48.9 69.6 12.3 70.7 10	1.0 0.0 0.537	49.0 69.8 11.0 70.6 9	1.0 0.0 0.35	1.0 0.0 0.617	49.2 69.9 7.4 70.3 6	1.0 0.0 0.35									
11	370	367	1.0 0.0 0.485	48.8 69.5 13.5 70.8 11	1.0 0.0 0.511	48.9 69.6 12.3 70.7 10	1.0 0.0 0.333	1.0 0.0 0.591	49.1 69.9 8.6 70.4 7	1.0 0.0 0.333									
12	371	367	1.0 0.0 0.461	48.9 69.3 14.7 70.8 12	1.0 0.0 0.485	48.8 69.5 13.5 70.8 11	1.0 0.0 0.317	1.0 0.0 0.591	49.1 69.9 8.6 70.4 7	1.0 0.0 0.317									
13	372	368	1.0 0.0 0.437	48.9 69.0 15.9 70.8 13	1.0 0.0 0.461	48.9 69.3 14.7 70.8 12	1.0 0.0 0.3	1.0 0.0 0.564	49.0 69.8 9.8 70.5 8	1.0 0.0 0.3									
14	373	369	1.0 0.0 0.413	48.9 68.8 17.1 70.9 14	1.0 0.0 0.437	48.9 69.0 15.9 70.8 13	1.0 0.0 0.283	1.0 0.0 0.537	49.0 69.8 11.0 70.6 9	1.0 0.0 0.283									
15	374	370	1.0 0.0 0.388	48.9 68.5 18.4 70.9 15	1.0 0.0 0.413	48.9 68.8 17.1 70.9 14	1.0 0.0 0.267	1.0 0.0 0.511	48.9 69.6 12.3 70.7 10	1.0 0.0 0.267									
16	375	371	1.0 0.0 0.366	48.9 68.3 19.6 71.0 16	1.0 0.0 0.388	48.9 68.5 18.4 70.9 15	1.0 0.0 0.25	1.0 0.0 0.485	48.8 69.5 13.5 70.8 11	1.0 0.0 0.25									
17	376	372	1.0 0.0 0.347	48.9 68.2 20.8 71.3 17	1.0 0.0 0.366	48.9 68.3 19.6 71.0 16	1.0 0.0 0.233	1.0 0.0 0.461	48.9 69.3 14.7 70.8 12	1.0 0.0 0.233									
18	377	373	1.0 0.0 0.327	48.9 68.0 22.1 71.5 18	1.0 0.0 0.347	48.9 68.2 20.8 71.3 17	1.0 0.0 0.217	1.0 0.0 0.437	48.9 69.0 15.9 70.8 13	1.0 0.0 0.217									
19	378	374	1.0 0.0 0.308	48.9 67.8 23.4 71.7 19	1.0 0.0 0.327	48.9 68.0 22.1 71.5 18	1.0 0.0 0.2	1.0 0.0 0.413	48.9 68.8 17.1 70.9 14	1.0 0.0 0.2									
20	379	375	1.0 0.0 0.288	48.9 67.6 24.6 72.0 20	1.0 0.0 0.308	48.9 67.8 23.4 71.7 19	1.0 0.0 0.183	1.0 0.0 0.388	48.9 68.5 18.4 70.9 15	1.0 0.0 0.183									
21	380	376	1.0 0.0 0.269	48.9 67.4 25.9 72.2 21	1.0 0.0 0.288	48.9 67.6 24.6 72.0 20	1.0 0.0 0.167	1.0 0.0 0.366	48.9 68.3 19.6 71.0 16	1.0 0.0 0.167									
22	381	377	1.0 0.0 0.249	48.9 67.2 27.1 72.5 22	1.0 0.0 0.269	48.9 67.4 25.9 72.2 21	1.0 0.0 0.15	1.0 0.0 0.347	48.9 68.2 20.8 71.3 17	1.0 0.0 0.15									
23	382	378	1.0 0.0 0.223	48.8 67.1 28.5 72.9 23	1.0 0.0 0.249	48.9 67.2 27.1 72.5 22	1.0 0.0 0.133	1.0 0.0 0.327	48.9 68.0 22.1 71.5 18	1.0 0.0 0.133									
24	383	379	1.0 0.0 0.198	48.8 67.0 29.8 73.4 24	1.0 0.0 0.223	48.8 67.1 28.5 72.9 23	1.0 0.0 0.117	1.0 0.0 0.308	48.9 67.8 23.4 71.7 19	1.0 0.0 0.117									
25	384	380	1.0 0.0 0.172	48.8 66.9 31.2 73.8 25	1.0 0.0 0.198	48.8 67.0 29.8 73.4 24	1.0 0.0 0.1	1.0 0.0 0.288	48.9 67.6 24.6 72.0 20	1.0 0.0 0.1									
26	385	381	1.0 0.0 0.147	48.7 66.8 32.6 74.3 26	1.0 0.0 0.172	48.8 66.9 31.2 73.8 25	1.0 0.0 0.083	1.0 0.0 0.269	48.9 67.4 25.9 72.2 21	1.0 0.0 0.083									
27	386	382	1.0 0.0 0.121	48.7 66.6 33.9 74.8 27	1.0 0.0 0.147	48.7 66.8 32.6 74.3 26	1.0 0.0 0.067	1.0 0.0 0.249	48.9 67.2 27.1 72.5 22	1.0 0.0 0.067									
28	387	383	1.0 0.0 0.093	48.6 66.6 35.4 75.4 28	1.0 0.0 0.121	48.7 66.6 33.9 74.8 27	1.0 0.0 0.05	1.0 0.0 0.223	48.8 67.1 28.5 72.9 23	1.0 0.0 0.05									
29	388	384	1.0 0.0 0.065	48.6 66.5 36.9 76.1 29	1.0 0.0 0.093	48.6 66.6 35.4 75.4 28	1.0 0.0 0.033	1.0 0.0 0.198	48.8 67.0 29.8 73.4 24	1.0 0.0 0.033									
30	389	385	1.0 0.0 0.037	48.5 66.4 38.3 76.7 30	1.0 0.0 0.065	48.6 66.5 36.9 76.1 29	1.0 0.0 0.017	1.0 0.0 0.172	48.8 66.9 31.2 73.8 25	1.0 0.0 0.017									
31	390	385	1.0 0.0 0.009	48.5 66.3 39.8 77.3 31 R _d	1.0 0.0 0.037	48.5 66.4 38.3 76.7 30	1.0 0.0 0.0 R _s	1.0 0.0 0.172	48.8 66.9 31.2 73.8 25	1.0 0.0 0.0 R _e									

OE390-7N, Page of series 10/20, RX0, D65, XYZnw=3.3, 3.4, 3.6, 86.1, 91.1, 95.9, LAB*_{nw}=21.7, 0.3, 0.6, 96.4, -0.7, 2.2, not adapted

Output: Offset print ORS42_18_96; separation cmyn6*, D65 and D50, page 10/20

TUB-test chart OE39; 48 and 360 step hue circles, Page 10/20
Data of Offset print ORS42_18_96, separation cmyn6*, D65 and D50

input: rgb^*_d set $rgbcolor$
output: $cmyn6^*_d = f_6(rgb^*_d)$

TUB registration: 20110301-OE39/OE39L0NA.TXT / .PS
application for measurement of printer or monitor systems

TUB material: code=rha4ta

Data of Maximum color M in colorimetric system Offset print ORS42_18_96; separation cmyn6*, 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 : $h_{ab,d} = 32.2, 92.8, 153.3, 229.3, 292.9, 356.0$; 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

$LCH^*_d = 91.0 \ 87.6 \ 92.8$

$LAB^*_d = 91.0 \ -4.2 \ 87.5$

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

$L=G_d$ Leaf green

$LCH^*_d = 55.2 \ 70.1 \ 153.3$

$LAB^*_d = 55.2 \ -62.6 \ 31.5$

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

$C=C_d$ Cyan blue

$LCH^*_d = 61.3 \ 59.4 \ 229.2$

$LAB^*_d = 61.3 \ -38.7 \ -45.0$

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

$O=R_d$ Orange red

$LCH^*_d = 50.5 \ 82.0 \ 32.2$

$LAB^*_d = 50.5 \ 69.4 \ 43.7$

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

$M=M_d$ Magenta red

$LCH^*_d = 51.2 \ 74.3 \ 356.0$

$LAB^*_d = 51.2 \ 74.1 \ -5.1$

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

$V=B_d$ Violet blue (very different to elementary Blue)

$LCH^*_d = 26.7 \ 51.3 \ 292.8$

$LAB^*_d = 26.7 \ 19.9 \ -47.3$

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

J_e Yellow

$LCH^*_e = 90.2 \ 86.7 \ 92.0$

$LAB^*_e = 90.2 \ -3.0 \ 86.7$

$rgb^*_e = 1.0 \ 0.98 \ 0.0$

G_e Green

$LCH^*_e = 56.0 \ 64.1 \ 162.0$

$LAB^*_e = 56.0 \ -61.0 \ 19.8$

$rgb^*_e = 0.0 \ 1.0 \ 0.142$

C_e Blue green

$LCH^*_e = 60.1 \ 55.9 \ 217.0$

$LAB^*_e = 60.1 \ -44.7 \ -33.6$

$rgb^*_e = 0.0 \ 1.0 \ 0.819$

B_e Blue

$LCH^*_e = 36.0 \ 47.1 \ 272.0$

$LAB^*_e = 36.0 \ 1.6 \ -47.1$

$rgb^*_e = 0.0 \ 0.267 \ 1.0$

R_e Red

$LCH^*_e = 50.8 \ 77.1 \ 25.0$

$LAB^*_e = 50.8 \ 69.8 \ 32.5$

$rgb^*_e = 1.0 \ 0.0 \ 0.213$

M_e Blue red

$LCH^*_e = 37.9 \ 56.3 \ 329.0$

$LAB^*_e = 37.9 \ 48.2 \ -28.9$

$rgb^*_e = 0.458 \ 0.0 \ 1.0$

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

$LCH^*_s = 88.3 \ 84.5 \ 90.0$

$LAB^*_s = 88.3 \ 0.0 \ 84.5$

$rgb^*_s = 1.0 \ 0.932 \ 0.0$

G_s Green

$LCH^*_s = 56.7 \ 68.0 \ 150.0$

$LAB^*_s = 56.7 \ -58.9 \ 34.0$

$rgb^*_s = 0.051 \ 1.0 \ 0.0$

R_s Red

$LCH^*_s = 50.6 \ 80.3 \ 30.0$

$LAB^*_s = 50.6 \ 69.5 \ 40.1$

$rgb^*_s = 1.0 \ 0.0 \ 0.068$

M_s Blue red

$LCH^*_s = 38.2 \ 56.6 \ 330.0$

$LAB^*_s = 38.2 \ 49.0 \ -28.3$

$rgb^*_s = 0.469 \ 0.0 \ 1.0$

C_s Blue green

$LCH^*_s = 59.4 \ 54.8 \ 210.0$

$LAB^*_s = 59.4 \ -47.5 \ -27.4$

$rgb^*_s = 0.0 \ 1.0 \ 0.719$

B_s Blue

$LCH^*_s = 36.9 \ 47.0 \ 270.0$

$LAB^*_s = 36.9 \ 0.0 \ -47.0$

$rgb^*_s = 0.0 \ 0.294 \ 1.0$

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/OE39/OE39L0NA.TXT> /PS
Technical information: <http://www.ps.barn.de> or <http://130.149.60.45/~farbmetrik>

Data of Maximum color M in colorimetric system Offset print ORS42_18_96; separation cmyn6*, 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: $h_{ab,d} = 32.2, 92.8, 153.3, 229.3, 292.9, 356.0$; 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}			rgb* _{de50M}			LAB* _{de50Mx} (x=LabCh)					rgb* _{e50M}			
32.2	30.0	25.5	1.0	0.0	0.0	50.5	69.4	43.8	82.1	32.2	1.0	0.0	0.069	50.6	69.6	40.2	80.3	30	1.0	0.0	0.0	1.0	0.0	0.214	50.8	69.9	32.6	77.1	25	1.0	0.0	0.0	
38.8	37.5	33.8	1.0	0.125	0.0	54.6	60.6	48.8	77.8	38.8	1.0	0.109	0.0	54.1	61.8	48.2	78.4	38	1.0	0.125	0.0	1.0	0.034	0.0	51.6	67.1	45.3	80.9	34	1.0	0.125	0.0	
46.5	45.0	42.2	1.0	0.25	0.0	59.2	51.0	53.8	74.1	46.5	1.0	0.225	0.0	58.3	52.9	52.9	74.8	45	1.0	0.25	0.0	1.0	0.177	0.0	56.5	56.7	51.1	76.3	42	1.0	0.25	0.0	
55.4	52.5	50.5	1.0	0.375	0.0	64.3	40.7	59.1	71.7	55.4	1.0	0.341	0.0	62.9	43.6	57.8	72.4	53	1.0	0.375	0.0	1.0	0.313	0.0	61.8	45.9	56.7	72.9	51	1.0	0.375	0.0	
65.2	60.0	58.9	1.0	0.5	0.0	70.0	30.0	65.0	71.6	65.2	1.0	0.433	0.0	67.0	35.8	62.1	71.7	60	1.0	0.5	0.0	1.0	0.421	0.0	66.4	36.9	61.4	71.7	59	1.0	0.5	0.0	
74.2	67.5	67.2	1.0	0.625	0.0	75.6	20.1	71.1	73.9	74.2	1.0	0.539	0.0	71.7	27.1	67.0	72.3	68	1.0	0.625	0.0	1.0	0.525	0.0	71.1	28.1	66.3	72.0	67	1.0	0.625	0.0	
81.7	75.0	75.6	1.0	0.75	0.0	81.1	11.1	76.5	77.3	81.7	1.0	0.638	0.0	76.2	19.2	71.7	74.2	75	1.0	0.75	0.0	1.0	0.655	0.0	76.9	18.1	72.5	74.7	76	1.0	0.75	0.0	
87.6	82.5	84.0	1.0	0.875	0.0	86.0	3.4	81.9	82.0	87.6	1.0	0.777	0.0	82.1	9.5	77.7	78.3	83	1.0	0.875	0.0	1.0	0.798	0.0	83.0	8.3	78.7	79.1	84	1.0	0.875	0.0	
92.8	90.0	92.3	1.0	1.0	0.0	91.1	-4.2	87.6	87.7	92.8	1.0	0.932	0.0	88.3	0.0	84.6	84.6	90	1.0	1.0	0.0	1.0	0.98	0.0	90.3	-2.9	86.7	86.8	92	1.0	1.0	0.0	
96.5	97.5	101.1	0.875	1.0	0.0	87.0	-9.3	82.3	82.8	96.5	0.823	1.0	0.0	85.4	-11.2	80.4	81.2	98	0.875	1.0	0.0	0.734	1.0	0.0	82.5	-14.8	76.4	77.8	101	0.875	1.0	0.0	
100.1	105.0	109.8	0.75	1.0	0.0	83.2	-13.8	77.6	78.8	100.1	0.66	1.0	0.0	79.5	-18.9	70.8	73.3	105	0.75	1.0	0.0	0.57	1.0	0.0	76.1	-23.6	65.1	69.3	110	0.75	1.0	0.0	
106.9	112.5	118.5	0.625	1.0	0.0	78.1	-20.6	68.0	71.1	106.9	0.516	1.0	0.0	74.1	-26.3	62.1	67.5	113	0.625	1.0	0.0	0.42	1.0	0.0	70.5	-31.8	57.5	65.7	119	0.625	1.0	0.0	
113.9	120.0	127.3	0.5	1.0	0.0	73.5	-27.0	61.2	67.0	113.9	0.405	1.0	0.0	69.8	-32.6	56.7	65.4	120	0.5	1.0	0.0	0.332	1.0	0.0	66.5	-38.3	51.0	63.9	127	0.5	1.0	0.0	
121.9	127.5	136.0	0.375	1.0	0.0	68.7	-34.2	55.2	65.0	121.9	0.323	1.0	0.0	66.1	-39.1	50.2	63.6	128	0.375	1.0	0.0	0.255	1.0	0.0	62.7	-44.4	43.0	61.9	136	0.375	1.0	0.0	
136.6	135.0	144.7	0.25	1.0	0.0	62.4	-44.8	42.4	61.8	136.6	0.264	1.0	0.0	63.1	-43.8	43.9	62.1	135	0.25	1.0	0.0	0.129	1.0	0.0	59.1	-53.0	37.2	64.8	145	0.25	1.0	0.0	
145.2	142.5	153.5	0.125	1.0	0.0	59.0	-53.2	37.0	64.9	145.2	0.158	1.0	0.0	59.9	-51.1	38.6	64.1	143	0.125	1.0	0.0	0.005	1.0	0.0	55.4	-62.2	31.8	70.0	153	0.125	1.0	0.0	
153.3	150.0	162.2	0.0	1.0	0.0	55.3	-62.6	31.5	70.2	153.3	0.051	1.0	0.0	56.8	-58.8	34.0	68.0	150	0.0	1.0	0.0	0.0	1.0	0.143	56.1	-60.9	19.8	64.2	162	0.0	1.0	0.0	
160.7	157.5	169.1	0.0	1.0	0.125	55.9	-61.1	21.5	64.9	160.7	0.0	1.0	0.079	55.7	-61.8	25.0	66.8	158	0.0	1.0	0.125	0.0	1.0	0.239	56.7	-59.1	11.5	60.3	169	0.0	1.0	0.125	
169.8	165.0	175.9	0.0	1.0	0.25	56.7	-58.9	10.6	59.9	169.8	0.0	1.0	0.184	56.3	-60.3	16.2	62.5	165	0.0	1.0	0.25	0.0	1.0	0.314	57.2	-57.5	4.0	57.8	176	0.0	1.0	0.25	
181.8	172.5	182.8	0.0	1.0	0.375	57.6	-55.6	-1.7	55.8	181.8	0.0	1.0	0.283	57.0	-58.3	7.2	58.8	173	0.0	1.0	0.375	0.0	1.0	0.39	57.7	-55.4	-2.8	55.6	183	0.0	1.0	0.375	
191.9	180.0	189.6	0.0	1.0	0.5	58.4	-52.9	-11.1	54.2	191.9	0.0	1.0	0.356	57.5	-56.3	0.0	56.4	180	0.0	1.0	0.5	0.0	1.0	0.476	58.3	-53.6	-9.4	54.5	190	0.0	1.0	0.5	
202.5	187.5	196.4	0.0	1.0	0.625	58.9	-49.9	-20.7	54.2	202.5	0.0	1.0	0.451	58.1	-54.2	-7.5	54.8	188	0.0	1.0	0.625	0.0	1.0	0.548	58.6	-52.0	-14.8	54.2	196	0.0	1.0	0.625	
212.4	195.0	203.3	0.0	1.0	0.75	59.7	-46.4	-29.5	55.1	212.4	0.0	1.0	0.536	58.5	-52.2	-13.9	54.2	195	0.0	1.0	0.75	0.0	1.0	0.631	58.9	-49.8	-21.1	54.2	203	0.0	1.0	0.75	
220.7	202.5	210.1	0.0	1.0	0.875	60.6	-42.9	-36.8	56.7	220.7	0.0	1.0	0.631	58.9	-49.8	-21.1	54.2	203	0.0	1.0	0.875	0.0	1.0	0.719	59.5	-47.4	-27.3	54.9	210	0.0	1.0	0.875	
229.3	210.0	217.0	0.0	1.0	1.0	61.4	-38.7	-44.9	59.4	229.3	0.0	1.0	0.719	59.5	-47.4	-27.3	54.9	210	0.0	1.0	1.0	0.0	1.0	0.819	60.2	-44.6	-33.6	56.0	217	0.0	1.0	1.0	
234.1	217.5	223.8	0.0	0.875	1.0	57.4	-32.8	-45.4	56.2	234.1	0.0	1.0	0.834	60.3	-44.2	-34.5	56.2	218	0.0	0.875	1.0	0.0	1.0	0.924	60.9	-41.4	-40.0	57.7	224	0.0	0.875	1.0	
239.1	225.0	230.7	0.0	0.75	1.0	53.7	-27.2	-45.6	53.2	239.1	0.0	1.0	0.938	61.0	-40.9	-40.9	58.1	225	0.0	0.75	1.0	0.0	1.0	0.955	1.0	-36.6	-45.2	58.3	231	0.0	0.75	1.0	
246.2	232.5	237.5	0.0	0.625	1.0	48.9	-20.3	-46.1	50.5	246.2	0.0	0.904	1.0	58.3	-34.2	-45.4	56.9	233	0.0	0.625	1.0	0.0	1.0	0.778	1.0	-28.5	-45.6	53.9	238	0.0	0.625	1.0	
254.2	240.0	244.4	0.0	0.5	1.0	44.3	-13.1	-46.6	48.5	254.2	0.0	0.735	1.0	53.1	-26.4	-45.7	52.9	240	0.0	0.5	1.0	0.0	1.0	0.664	1.0	-22.4	-46.0	51.3	244	0.0	0.5	1.0	
264.2	247.5	251.2	0.0	0.375	1.0	39.6	-4.6	-46.5	46.8	264.2	0.0	0.596	1.0	47.9	-18.6	-46.3	50.0	248	0.0	0.375	1.0	0.0	1.0	0.549	1.0	-15.9	-46.5	49.3	251	0.0	0.375	1.0	
273.2	255.0	258.0	0.0	0.25	1.0	35.4	2.7	-47.1	47.2	273.2	0.0	0.49	1.0	43.9	-12.4	-46.6	48.4	255	0.0	0.25	1.0	0.0	1.0	0.452	1.0	-9.9	-46.7	47.9	258	0.0	0.25	1.0	
282.7	262.5	264.9	0.0	0.125	1.0	31.1	10.7	-47.5	48.8	282.7	0.0	0.39	1.0	40.1	-5.6	-46.6	47.0	263	0.0	0.125	1.0	0.0	1.0	0.364	1.0	-4.0	-46.6	46.9	265	0.0	0.125	1.0	
292.9	270.0	271.7	0.0	0.0	1.0	26.8	20.0	-47.2	51.3	292.9	0.0	0.295	1.0	36.9	0.0	-47.0	47.1	270	0.0	0.0	1.0	0.0	1.0	0.267	1.0	36.0	1.6	-47.1	47.2	272	0.0	0.0	1.0
305.2	277.5	278.8	0.125	0.0	1.0	29.2	29.7	-42.1	51.6	305.2	0.0	0.187	1.0	33.2	6.7	-47.5	48.0	278	0.125	0.0	1.0	0.0	1.0	0.174	1.0	32.8	7.5	-47.5	48.2	279	0.125	0.0	1.0
315.3	285.0	286.0	0.25	0.0	1.0	31.4	37.3	-36.8	52.4	315.3	0.0	0.097	1.0	30.1	12.8	-47.6	49.4	285	0.25	0.0	1.0	0.0	1.0	0.085	1.0	29.7	13.7	-47.6	49.6	286	0.25	0.0	1.0
321.7	292.5	293.1	0.375	0.0	1.0	35.5	42.4	-33.4																									

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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 Offset print ORS42_18_96; separation cmyn6*, 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: $h_{ab,d} = 32.2, 92.8, 153.3, 229.3, 292.9, 356.0$; Six hue angles of the elementary colours e: $h_{ab,e} = 25.5, 92.3, 162.2, 217.0, 271.7, 328.6$																																	
$h_{ab,d}$	$h_{ab,s}$	$h_{ab,e}$	$rgb^*_{dd361Mi}$			$LAB^*_{dd361Mix}(x=LabCh)$			R_d	$rgb^*_{ds361Mi}$			$LAB^*_{ds361Mix}(x=LabCh)$			rgb^*_{s50M}			$0.0R_s$	$rgb^*_{de361Mi}$			$LAB^*_{de361Mix}(x=LabCh)$			rgb^*_{e50M}			$0.0R_e$	rgb^*_{dd}	rgb^*_{ds}	rgb^*_{de}	
32	30	25	1.0	0.0	0.007	50.5	69.4	43.4	81.9	32	1.0	0.0	0.069	50.6	69.6	40.2	80.3	30	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
33	31	27	1.0	0.015	0.0	51.0	68.4	44.4	81.6	33	1.0	0.0	0.038	50.6	69.5	41.8	81.1	31	1.0	0.017	0.0	1.0	0.0	0.158	50.7	69.7	35.5	78.3	27	1.0	0.017	0.0	
34	32	28	1.0	0.034	0.0	51.6	67.1	45.3	80.9	34	1.0	0.0	0.007	50.5	69.4	43.4	81.9	32	1.0	0.033	0.0	1.0	0.0	0.13	50.7	69.6	37.0	78.8	28	1.0	0.033	0.0	
35	33	29	1.0	0.052	0.0	52.2	65.8	46.1	80.3	35	1.0	0.015	0.0	51.0	68.4	44.4	81.6	33	1.0	0.05	0.0	1.0	0.0	0.1	50.7	69.6	38.6	79.6	29	1.0	0.05	0.0	
36	34	30	1.0	0.071	0.0	52.8	64.4	46.8	79.6	36	1.0	0.034	0.0	51.6	67.1	45.3	80.9	34	1.0	0.067	0.0	1.0	0.0	0.069	50.6	69.6	40.2	80.3	30	1.0	0.067	0.0	
37	35	31	1.0	0.09	0.0	53.5	63.1	47.5	79.0	37	1.0	0.052	0.0	52.2	65.8	46.1	80.3	35	1.0	0.083	0.0	1.0	0.0	0.038	50.6	69.5	41.8	81.1	31	1.0	0.083	0.0	
38	36	32	1.0	0.109	0.0	54.1	61.8	48.2	78.4	38	1.0	0.071	0.0	52.8	64.4	46.8	79.6	36	1.0	0.1	0.0	1.0	0.0	0.007	50.5	69.4	43.4	81.9	32	1.0	0.1	0.0	
39	37	33	1.0	0.128	0.0	54.7	60.4	48.9	77.7	39	1.0	0.09	0.0	53.5	63.1	47.5	79.0	37	1.0	0.117	0.0	1.0	0.0	0.015	0.0	51.0	68.4	44.4	81.6	33	1.0	0.117	0.0
40	38	34	1.0	0.144	0.0	55.3	59.2	49.7	77.3	40	1.0	0.109	0.0	54.1	61.8	48.2	78.4	38	1.0	0.133	0.0	1.0	0.0	0.034	0.0	51.6	67.1	45.3	80.9	34	1.0	0.133	0.0
41	39	36	1.0	0.16	0.0	55.9	57.9	50.4	76.8	41	1.0	0.128	0.0	54.7	60.4	48.9	77.7	39	1.0	0.15	0.0	1.0	0.0	0.071	0.0	52.8	64.4	46.8	79.6	36	1.0	0.15	0.0
42	40	37	1.0	0.177	0.0	56.5	56.7	51.1	76.3	42	1.0	0.144	0.0	55.3	59.2	49.7	77.3	40	1.0	0.167	0.0	1.0	0.0	0.09	0.0	53.5	63.1	47.5	79.0	37	1.0	0.167	0.0
43	41	38	1.0	0.193	0.0	57.1	55.4	51.7	75.8	43	1.0	0.16	0.0	55.9	57.9	50.4	76.8	41	1.0	0.183	0.0	1.0	0.0	0.109	0.0	54.1	61.8	48.2	78.4	38	1.0	0.183	0.0
44	42	39	1.0	0.209	0.0	57.7	54.2	52.3	75.3	44	1.0	0.177	0.0	56.5	56.7	51.1	76.3	42	1.0	0.2	0.0	1.0	0.0	0.128	0.0	54.7	60.4	48.9	77.7	39	1.0	0.2	0.0
45	43	40	1.0	0.225	0.0	58.3	52.9	52.9	74.8	45	1.0	0.193	0.0	57.1	55.4	51.7	75.8	43	1.0	0.217	0.0	1.0	0.0	0.144	0.0	55.3	59.2	49.7	77.3	40	1.0	0.217	0.0
46	44	41	1.0	0.241	0.0	58.9	51.7	53.5	74.4	46	1.0	0.209	0.0	57.7	54.2	52.3	75.3	44	1.0	0.233	0.0	1.0	0.0	0.16	0.0	55.9	57.9	50.4	76.8	41	1.0	0.233	0.0
47	45	42	1.0	0.257	0.0	59.5	50.5	54.1	74.0	47	1.0	0.225	0.0	58.3	52.9	52.9	74.8	45	1.0	0.25	0.0	1.0	0.0	0.177	0.0	56.5	56.7	51.1	76.3	42	1.0	0.25	0.0
48	46	43	1.0	0.271	0.0	60.1	49.3	54.8	73.7	48	1.0	0.241	0.0	58.9	51.7	53.5	74.4	46	1.0	0.267	0.0	1.0	0.0	0.193	0.0	57.1	55.4	51.7	75.8	43	1.0	0.267	0.0
49	47	44	1.0	0.285	0.0	60.6	48.2	55.4	73.5	49	1.0	0.257	0.0	59.5	50.5	54.1	74.0	47	1.0	0.283	0.0	1.0	0.0	0.209	0.0	57.7	54.2	52.3	75.3	44	1.0	0.283	0.0
50	48	46	1.0	0.299	0.0	61.2	47.0	56.1	73.2	50	1.0	0.271	0.0	60.1	49.3	54.8	73.7	48	1.0	0.3	0.0	1.0	0.0	0.241	0.0	58.9	51.7	53.5	74.4	46	1.0	0.3	0.0
51	49	47	1.0	0.313	0.0	61.8	45.9	56.7	72.9	51	1.0	0.285	0.0	60.6	48.2	55.4	73.5	49	1.0	0.317	0.0	1.0	0.0	0.257	0.0	59.5	50.5	54.1	74.0	47	1.0	0.317	0.0
52	50	48	1.0	0.327	0.0	62.4	44.7	57.2	72.6	52	1.0	0.299	0.0	61.2	47.0	56.1	73.2	50	1.0	0.333	0.0	1.0	0.0	0.271	0.0	60.1	49.3	54.8	73.7	48	1.0	0.333	0.0
53	51	49	1.0	0.341	0.0	62.9	43.6	57.8	72.4	53	1.0	0.313	0.0	61.8	45.9	56.7	72.9	51	1.0	0.35	0.0	1.0	0.0	0.285	0.0	60.6	48.2	55.4	73.5	49	1.0	0.35	0.0
54	52	50	1.0	0.355	0.0	63.5	42.4	58.3	72.1	54	1.0	0.327	0.0	62.4	44.7	57.2	72.6	52	1.0	0.367	0.0	1.0	0.0	0.299	0.0	61.2	47.0	56.1	73.2	50	1.0	0.367	0.0
55	53	51	1.0	0.369	0.0	64.1	41.2	58.9	71.8	55	1.0	0.341	0.0	62.9	43.6	57.8	72.4	53	1.0	0.383	0.0	1.0	0.0	0.313	0.0	61.8	45.9	56.7	72.9	51	1.0	0.383	0.0
56	54	52	1.0	0.383	0.0	64.7	40.1	59.5	71.7	56	1.0	0.355	0.0	63.5	42.4	58.3	72.1	54	1.0	0.4	0.0	1.0	0.0	0.327	0.0	62.4	44.7	57.2	72.6	52	1.0	0.4	0.0
57	55	53	1.0	0.395	0.0	65.2	39.1	60.1	71.7	57	1.0	0.369	0.0	64.1	41.2	58.9	71.8	55	1.0	0.417	0.0	1.0	0.0	0.341	0.0	62.9	43.6	57.8	72.4	53	1.0	0.417	0.0
58	56	54	1.0	0.408	0.0	65.8	38.0	60.8	71.7	58	1.0	0.383	0.0	64.7	40.1	59.5	71.7	56	1.0	0.433	0.0	1.0	0.0	0.355	0.0	63.5	42.4	58.3	72.1	54	1.0	0.433	0.0
59	57	56	1.0	0.421	0.0	66.4	36.9	61.4	71.7	59	1.0	0.395	0.0	65.2	39.1	60.1	71.7	57	1.0	0.45	0.0	1.0	0.0	0.383	0.0	64.7	40.1	59.5	71.7	56	1.0	0.45	0.0
60	58	57	1.0	0.433	0.0	67.0	35.8	62.1	71.7	60	1.0	0.408	0.0	65.8	38.0	60.8	71.7	58	1.0	0.467	0.0	1.0	0.0	0.395	0.0	65.2	39.1	60.1	71.7	57	1.0	0.467	0.0
61	59	58	1.0	0.446	0.0	67.5	34.7	62.7	71.6	61	1.0	0.421	0.0	66.4	36.9	61.4	71.7	59	1.0	0.483	0.0	1.0	0.0	0.408	0.0	65.8	38.0	60.8	71.7	58	1.0	0.483	0.0
62	60	59	1.0	0.459	0.0	68.1	33.6	63.2	71.6	62	1.0	0.433	0.0	67.0	35.8	62.1	71.7	60	1.0	0.5	0.0	1.0	0.0	0.421	0.0	66.4	36.9	61.4	71.7	59	1.0	0.5	0.0
63	61	60	1.0	0.472	0.0	68.7	32.5	63.8	71.6	63	1.0	0.446	0.0	67.5	34.7	62.7	71.6	61	1.0	0.517	0.0	1.0	0.0	0.433	0.0	67.0	35.8	62.1	71.7	60	1.0	0.517	0.0
64	62	61	1.0	0.484	0.0	69.3	31.4	64.3	71.6	64	1.0	0.459	0.0	68.1	33.6	63.2	71.6	62	1.0	0.533	0.0	1.0	0.0	0.446	0.0	67.5	34.7	62.7	71.6	61	1.0	0.533	0.0
65	63	62	1.0	0.497	0.0	69.9	30.3	64.9	71.6	65	1.0	0.472	0.0	68.7	32.5	63.8	71.6	63	1.0	0.55	0.0	1.0	0.0	0.459	0.0	68.1	33.6	63.2	71.6	62	1.0	0.55	0.0
66	64	63	1.0	0.511	0.0																												

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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 Offset print ORS42_18_96; separation cmyn6*, 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: $h_{ab,d} = 32.2, 92.8, 153.3, 229.3, 292.9, 356.0$; 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 dd361Mi						LAB^*_d dd361Mix (x=LabCh)						rgb^*_d ds361Mi						LAB^*_d ds361Mix (x=LabCh)						rgb^*_d s50M						rgb^*_d de361Mi						LAB^*_d de361Mix (x=LabCh)						rgb^*_d e50M						rgb^*_d ad rgb^*_d ab					
77	75	76	1.0	0.671	0.0	77.6	16.9	73.2	75.2	77	1.0	0.638	0.0	76.2	19.2	71.7	74.2	75	1.0	0.75	0.0	1.0	0.655	0.0	76.9	18.1	72.5	74.7	76	1.0	0.75	0.0																								
78	76	77	1.0	0.688	0.0	78.3	15.7	74.0	75.6	78	1.0	0.655	0.0	76.9	18.1	72.5	74.7	76	1.0	0.767	0.0	1.0	0.671	0.0	77.6	16.9	73.2	75.2	77	1.0	0.767	0.0																								
79	77	78	1.0	0.705	0.0	79.1	14.5	74.7	76.1	79	1.0	0.671	0.0	77.6	16.9	73.2	75.2	77	1.0	0.783	0.0	1.0	0.688	0.0	78.3	15.7	74.0	75.6	78	1.0	0.783	0.0																								
80	78	79	1.0	0.721	0.0	79.8	13.3	75.4	76.5	80	1.0	0.688	0.0	78.3	15.7	74.0	75.6	78	1.0	0.8	0.0	1.0	0.705	0.0	79.1	14.5	74.7	76.1	79	1.0	0.8	0.0																								
81	79	80	1.0	0.738	0.0	80.5	12.0	76.0	77.0	81	1.0	0.705	0.0	79.1	14.5	74.7	76.1	79	1.0	0.817	0.0	1.0	0.721	0.0	79.8	13.3	75.4	76.5	80	1.0	0.817	0.0																								
82	80	81	1.0	0.756	0.0	81.3	10.8	76.8	77.5	82	1.0	0.721	0.0	79.8	13.3	75.4	76.5	80	1.0	0.833	0.0	1.0	0.738	0.0	80.5	12.0	76.0	77.0	81	1.0	0.833	0.0																								
83	81	82	1.0	0.777	0.0	82.1	9.5	77.7	78.3	83	1.0	0.738	0.0	80.5	12.0	76.0	77.0	81	1.0	0.85	0.0	1.0	0.756	0.0	81.3	10.8	76.8	77.5	82	1.0	0.85	0.0																								
84	82	83	1.0	0.798	0.0	83.0	8.3	78.7	79.1	84	1.0	0.756	0.0	81.3	10.8	76.8	77.5	82	1.0	0.867	0.0	1.0	0.777	0.0	82.1	9.5	77.7	78.3	83	1.0	0.867	0.0																								
85	83	85	1.0	0.819	0.0	83.8	7.0	79.6	79.9	85	1.0	0.777	0.0	82.1	9.5	77.7	78.3	83	1.0	0.883	0.0	1.0	0.819	0.0	83.8	7.0	79.6	79.9	85	1.0	0.883	0.0																								
86	84	86	1.0	0.841	0.0	84.6	5.6	80.5	80.7	86	1.0	0.798	0.0	83.0	8.3	78.7	79.1	84	1.0	0.9	0.0	1.0	0.841	0.0	84.6	5.6	80.5	80.7	86	1.0	0.9	0.0																								
87	85	87	1.0	0.862	0.0	85.5	4.3	81.4	81.5	87	1.0	0.819	0.0	83.8	7.0	79.6	79.9	85	1.0	0.917	0.0	1.0	0.862	0.0	85.5	4.3	81.4	81.5	87	1.0	0.917	0.0																								
88	86	88	1.0	0.884	0.0	86.4	2.9	82.3	82.4	88	1.0	0.841	0.0	84.6	5.6	80.5	80.7	86	1.0	0.933	0.0	1.0	0.884	0.0	86.4	2.9	82.3	82.4	88	1.0	0.933	0.0																								
89	87	89	1.0	0.908	0.0	87.3	1.5	83.5	83.5	89	1.0	0.862	0.0	85.5	4.3	81.4	81.5	87	1.0	0.95	0.0	1.0	0.908	0.0	87.3	1.5	83.5	83.5	89	1.0	0.95	0.0																								
90	88	90	1.0	0.932	0.0	88.3	0.0	84.6	84.6	90	1.0	0.884	0.0	86.4	2.9	82.3	82.4	88	1.0	0.967	0.0	1.0	0.932	0.0	88.3	0.0	84.6	84.6	90	1.0	0.967	0.0																								
91	89	91	1.0	0.956	0.0	89.3	-1.4	85.7	85.7	91	1.0	0.908	0.0	87.3	1.5	83.5	83.5	89	1.0	0.983	0.0	1.0	0.956	0.0	89.3	-1.4	85.7	85.7	91	1.0	0.983	0.0																								
92	90	92	1.0	0.98	0.0	90.3	-2.9	86.7	86.8	92	J_d	1.0	0.932	0.0	88.3	0.0	84.6	84.6	90	1.0	1.0	0.0 J_s	1.0	0.98	0.0	90.3	-2.9	86.7	86.8	92	1.0	1.0	0.0 J_e																							
93	91	93	0.994	1.0	0.0	90.9	-4.5	87.3	87.4	93		1.0	0.956	0.0	89.3	-1.4	85.7	85.7	91	0.983	1.0	0.0	0.994	1.0	0.0	90.9	-4.5	87.3	87.4	93	0.983	1.0	0.0																							
94	92	95	0.96	1.0	0.0	89.8	-5.9	85.9	86.1	94		1.0	0.98	0.0	90.3	-2.9	86.7	86.8	92	0.967	1.0	0.0	0.926	1.0	0.0	88.7	-7.3	84.5	84.8	95	0.967	1.0	0.0																							
95	93	96	0.926	1.0	0.0	88.7	-7.3	84.5	84.8	95		0.994	1.0	0.0	90.9	-4.5	87.3	87.4	93	0.95	1.0	0.0	0.892	1.0	0.0	87.6	-8.6	83.0	83.5	96	0.95	1.0	0.0																							
96	94	97	0.892	1.0	0.0	87.6	-8.6	83.0	83.5	96		0.96	1.0	0.0	89.8	-5.9	85.9	86.1	94	0.933	1.0	0.0	0.858	1.0	0.0	86.5	-9.9	81.7	82.3	97	0.933	1.0	0.0																							
97	95	98	0.858	1.0	0.0	86.5	-9.9	81.7	82.3	97		0.926	1.0	0.0	88.7	-7.3	84.5	84.8	95	0.917	1.0	0.0	0.823	1.0	0.0	85.4	-11.2	80.4	81.2	98	0.917	1.0	0.0																							
98	96	99	0.823	1.0	0.0	85.4	-11.2	80.4	81.2	98		0.892	1.0	0.0	87.6	-8.6	83.0	83.5	96	0.9	1.0	0.0	0.789	1.0	0.0	84.4	-12.4	79.1	80.1	99	0.9	1.0	0.0																							
99	97	100	0.789	1.0	0.0	84.4	-12.4	79.1	80.1	99		0.858	1.0	0.0	86.5	-9.9	81.7	82.3	97	0.883	1.0	0.0	0.755	1.0	0.0	83.3	-13.6	77.8	79.0	100	0.883	1.0	0.0																							
100	98	102	0.755	1.0	0.0	83.3	-13.6	77.8	79.0	100		0.823	1.0	0.0	85.4	-11.2	80.4	81.2	98	0.867	1.0	0.0	0.716	1.0	0.0	81.8	-15.8	75.0	76.7	102	0.867	1.0	0.0																							
101	99	103	0.734	1.0	0.0	82.5	-14.8	76.4	77.8	101		0.789	1.0	0.0	84.4	-12.4	79.1	80.1	99	0.85	1.0	0.0	0.697	1.0	0.0	81.0	-16.9	73.6	75.5	103	0.85	1.0	0.0																							
102	100	104	0.716	1.0	0.0	81.8	-15.8	75.0	76.7	102		0.755	1.0	0.0	83.3	-13.6	77.8	79.0	100	0.833	1.0	0.0	0.679	1.0	0.0	80.3	-17.9	72.2	74.4	104	0.833	1.0	0.0																							
103	101	105	0.697	1.0	0.0	81.0	-16.9	73.6	75.5	103		0.734	1.0	0.0	82.5	-14.8	76.4	77.8	101	0.817	1.0	0.0	0.66	1.0	0.0	79.5	-18.9	70.8	73.3	105	0.817	1.0	0.0																							
104	102	106	0.679	1.0	0.0	80.3	-17.9	72.2	74.4	104		0.716	1.0	0.0	81.8	-15.8	75.0	76.7	102	0.8	1.0	0.0	0.642	1.0	0.0	78.8	-19.8	69.3	72.1	106	0.8	1.0	0.0																							
105	103	107	0.66	1.0	0.0	79.5	-18.9	70.8	73.3	105		0.697	1.0	0.0	81.0	-16.9	73.6	75.5	103	0.783	1.0	0.0	0.623	1.0	0.0	78.0	-20.7	67.9	71.0	107	0.783	1.0	0.0																							
106	104	109	0.642	1.0	0.0	78.8	-19.8	69.3	72.1	106		0.679	1.0	0.0	80.3	-17.9	72.2	74.4	104	0.767	1.0	0.0	0.588	1.0	0.0	76.7	-22.6	66.0	69.9	109	0.767	1.0	0.0																							
107	105	110	0.623	1.0	0.0	78.0	-20.7	67.9	71.0	107		0.66	1.0	0.0	79.5	-18.9	70.8	73.3	105	0.75	1.0	0.0	0.57	1.0	0.0	76.1	-23.6	65.1	69.3	110	0.75	1.0	0.0																							
108	106	111	0.605	1.0	0.0	77.4	-21.7	67.0	70.4	108		0.642	1.0	0.0	78.8	-19.8	69.3	72.1	106	0.733	1.0	0.0	0.552	1.0	0.0	75.4	-24.5	64.1	68.7	111	0.733	1.0	0.0																							
109	107	112	0.588	1.0	0.0	76.7	-22.6	66.0	69.9	109		0.623	1.0	0.0	78.0	-20.7	67.9	71.0	107	0.717	1.0	0.0	0.534	1.0	0.0	74.8	-25.4	63.1	68.1	112	0.717	1.0	0.0																							
110	108	113	0.57	1.0	0.0	76.1	-23.6	65.1	69.3	110		0.605	1.0	0.0	77.4	-21.7	67.0	70.4	108	0.7	1.0	0.0	0.516	1.0	0.0	74.1	-26.3	62.1	67.5	113	0.7	1.0	0.0																							

OE390-7N, Page of series 14/20, RX0, D50, XYZnw=3.4, 3.4, 2.8, 87.6, 91.1, 72.8, LAB*_{nw}=21.7, 0.7, 0.6, 96.5, -0.4, 2.1, not adapted

TUB-test chart OE39; 48 and 360 step hue circles, Page 14/20
Data of Offset print ORS42_18_96, separation cmyn6*, D65 and D50

Output: Offset print ORS42_18_96; separation cmyn6*, D65 and D50, page 14/20

input: rgb^*_d set $rgbcolor$
output: $cmyn6^*_d = f_6(rgb^*_d)$

TUB registration: 20110301-OE39/OE39L0NA.TXT /PS
application for measurement of printer or monitor systems

TUB material: code=rha4ta

See original or copy: <http://web.me.com/klaus.richter/OE39/OE39L0NA.TXT> /PS
Technical information: <http://www.ps.bam.de> or <http://130.149.60.45/~farbmetrik>

Data of Maximum color M in colorimetric system Offset print ORS42_18_96; separation cmyn6*, 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: $h_{ab,d} = 32.2, 92.8, 153.3, 229.3, 292.9, 356.0$; 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 dd361Mi	LAB^*_d dd361Mix (x=LabCh)	rgb^*_s ds361Mi	LAB^*_s ds361Mix (x=LabCh)	rgb^*_s s50M	rgb^*_d de361Mi	LAB^*_d de361Mix (x=LabCh)	rgb^*_s e50M	rgb^*_d dd361Mi	rgb^*_s ds361Mi	rgb^*_d de361Mi
122	120	127	0.374 1.0 0.0	68.7 -34.3 55.1 65.0 122	0.405 1.0 0.0	69.8 -32.6 56.7 65.4 120 0.5 1.0 0.0	0.332 1.0 0.0	66.5 -38.3 51.0 63.9 127 0.5 1.0 0.0					
123	121	128	0.366 1.0 0.0	68.2 -35.2 54.3 64.7 123	0.389 1.0 0.0	69.2 -33.5 55.9 65.2 121 0.483 1.0 0.0	0.323 1.0 0.0	66.1 -39.1 50.2 63.6 128 0.483 1.0 0.0					
124	122	130	0.357 1.0 0.0	67.8 -36.0 53.5 64.5 124	0.374 1.0 0.0	68.7 -34.3 55.1 65.0 122 0.467 1.0 0.0	0.306 1.0 0.0	65.3 -40.5 48.4 63.2 130 0.467 1.0 0.0					
125	123	131	0.349 1.0 0.0	67.4 -36.8 52.7 64.3 125	0.366 1.0 0.0	68.2 -35.2 54.3 64.7 123 0.45 1.0 0.0	0.298 1.0 0.0	64.8 -41.2 47.5 63.0 131 0.45 1.0 0.0					
126	124	132	0.34 1.0 0.0	67.0 -37.6 51.8 64.1 126	0.357 1.0 0.0	67.8 -36.0 53.5 64.5 124 0.433 1.0 0.0	0.289 1.0 0.0	64.4 -41.9 46.6 62.8 132 0.433 1.0 0.0					
127	125	133	0.332 1.0 0.0	66.5 -38.3 51.0 63.9 127	0.349 1.0 0.0	67.4 -36.8 52.7 64.3 125 0.417 1.0 0.0	0.281 1.0 0.0	64.0 -42.6 45.7 62.6 133 0.417 1.0 0.0					
128	126	134	0.323 1.0 0.0	66.1 -39.1 50.2 63.6 128	0.34 1.0 0.0	67.0 -37.6 51.8 64.1 126 0.4 1.0 0.0	0.272 1.0 0.0	63.6 -43.2 44.8 62.3 134 0.4 1.0 0.0					
129	127	135	0.315 1.0 0.0	65.7 -39.8 49.3 63.4 129	0.332 1.0 0.0	66.5 -38.3 51.0 63.9 127 0.383 1.0 0.0	0.264 1.0 0.0	63.1 -43.8 43.9 62.1 135 0.383 1.0 0.0					
130	128	137	0.306 1.0 0.0	65.3 -40.5 48.4 63.2 130	0.323 1.0 0.0	66.1 -39.1 50.2 63.6 128 0.367 1.0 0.0	0.245 1.0 0.0	62.3 -45.2 42.2 61.9 137 0.367 1.0 0.0					
131	129	138	0.298 1.0 0.0	64.8 -41.2 47.5 63.0 131	0.315 1.0 0.0	65.7 -39.8 49.3 63.4 129 0.35 1.0 0.0	0.23 1.0 0.0	61.9 -46.2 41.7 62.3 138 0.35 1.0 0.0					
132	130	139	0.289 1.0 0.0	64.4 -41.9 46.6 62.8 132	0.306 1.0 0.0	65.3 -40.5 48.4 63.2 130 0.333 1.0 0.0	0.216 1.0 0.0	61.5 -47.2 41.1 62.6 139 0.333 1.0 0.0					
133	131	140	0.281 1.0 0.0	64.0 -42.6 45.7 62.6 133	0.298 1.0 0.0	64.8 -41.2 47.5 63.0 131 0.317 1.0 0.0	0.201 1.0 0.0	61.1 -48.2 40.5 63.0 140 0.317 1.0 0.0					
134	132	141	0.272 1.0 0.0	63.6 -43.2 44.8 62.3 134	0.289 1.0 0.0	64.4 -41.9 46.6 62.8 132 0.3 1.0 0.0	0.187 1.0 0.0	60.7 -49.1 39.9 63.4 141 0.3 1.0 0.0					
135	133	142	0.264 1.0 0.0	63.1 -43.8 43.9 62.1 135	0.281 1.0 0.0	64.0 -42.6 45.7 62.6 133 0.283 1.0 0.0	0.172 1.0 0.0	60.3 -50.1 39.2 63.7 142 0.283 1.0 0.0					
136	134	144	0.255 1.0 0.0	62.7 -44.4 43.0 61.9 136	0.272 1.0 0.0	63.6 -43.2 44.8 62.3 134 0.267 1.0 0.0	0.143 1.0 0.0	59.5 -52.1 37.9 64.5 144 0.267 1.0 0.0					
137	135	145	0.245 1.0 0.0	62.3 -45.2 42.2 61.9 137	0.264 1.0 0.0	63.1 -43.8 43.9 62.1 135 0.25 1.0 0.0	0.129 1.0 0.0	59.1 -53.0 37.2 64.8 145 0.25 1.0 0.0					
138	136	146	0.23 1.0 0.0	61.9 -46.2 41.7 62.3 138	0.255 1.0 0.0	62.7 -44.4 43.0 61.9 136 0.233 1.0 0.0	0.113 1.0 0.0	58.6 -54.1 36.6 65.4 146 0.233 1.0 0.0					
139	137	147	0.216 1.0 0.0	61.5 -47.2 41.1 62.6 139	0.245 1.0 0.0	62.3 -45.2 42.2 61.9 137 0.217 1.0 0.0	0.098 1.0 0.0	58.2 -55.3 36.0 66.1 147 0.217 1.0 0.0					
140	138	148	0.201 1.0 0.0	61.1 -48.2 40.5 63.0 140	0.23 1.0 0.0	61.9 -46.2 41.7 62.3 138 0.2 1.0 0.0	0.082 1.0 0.0	57.7 -56.5 35.4 66.7 148 0.2 1.0 0.0					
141	139	149	0.187 1.0 0.0	60.7 -49.1 39.9 63.4 141	0.216 1.0 0.0	61.5 -47.2 41.1 62.6 139 0.183 1.0 0.0	0.067 1.0 0.0	57.3 -57.6 34.7 67.4 149 0.183 1.0 0.0					
142	140	151	0.172 1.0 0.0	60.3 -50.1 39.2 63.7 142	0.201 1.0 0.0	61.1 -48.2 40.5 63.0 140 0.167 1.0 0.0	0.036 1.0 0.0	56.3 -60.0 33.3 68.7 151 0.167 1.0 0.0					
143	141	152	0.158 1.0 0.0	59.9 -51.1 38.6 64.1 143	0.187 1.0 0.0	60.7 -49.1 39.9 63.4 141 0.15 1.0 0.0	0.02 1.0 0.0	55.9 -61.1 32.5 69.3 152 0.15 1.0 0.0					
144	142	153	0.143 1.0 0.0	59.5 -52.1 37.9 64.5 144	0.172 1.0 0.0	60.3 -50.1 39.2 63.7 142 0.133 1.0 0.0	0.005 1.0 0.0	55.4 -62.2 31.8 70.0 153 0.133 1.0 0.0					
145	143	154	0.129 1.0 0.0	59.1 -53.0 37.2 64.8 145	0.158 1.0 0.0	59.9 -51.1 38.6 64.1 143 0.117 1.0 0.0	0.0 1.0 0.012 55.3	-62.5 30.5 69.7 154 0.117 1.0 0.0					
146	144	155	0.113 1.0 0.0	58.6 -54.1 36.6 65.4 146	0.143 1.0 0.0	59.5 -52.1 37.9 64.5 144 0.1 1.0 0.0	0.0 1.0 0.029 55.4	-62.4 29.1 69.0 155 0.1 1.0 0.0					
147	145	156	0.098 1.0 0.0	58.2 -55.3 36.0 66.1 147	0.129 1.0 0.0	59.1 -53.0 37.2 64.8 145 0.083 1.0 0.0	0.0 1.0 0.046 55.5	-62.2 27.8 68.2 156 0.083 1.0 0.0					
148	146	158	0.082 1.0 0.0	57.7 -56.5 35.4 66.7 148	0.113 1.0 0.0	58.6 -54.1 36.6 65.4 146 0.067 1.0 0.0	0.0 1.0 0.079 55.7	-61.8 25.0 66.8 158 0.067 1.0 0.0					
149	147	159	0.067 1.0 0.0	57.3 -57.6 34.7 67.4 149	0.098 1.0 0.0	58.2 -55.3 36.0 66.1 147 0.05 1.0 0.0	0.0 1.0 0.096 55.8	-61.6 23.7 66.1 159 0.05 1.0 0.0					
150	148	160	0.051 1.0 0.0	56.8 -58.8 34.0 68.0 150	0.082 1.0 0.0	57.7 -56.5 35.4 66.7 148 0.033 1.0 0.0	0.0 1.0 0.113 55.9	-61.3 22.4 65.4 160 0.033 1.0 0.0					
151	149	161	0.036 1.0 0.0	56.3 -60.0 33.3 68.7 151	0.067 1.0 0.0	57.3 -57.6 34.7 67.4 149 0.017 1.0 0.0	0.0 1.0 0.129 56.0	-61.1 21.1 64.7 161 0.017 1.0 0.0					
152	150	162	0.02 1.0 0.0	55.9 -61.1 32.5 69.3 152	0.051 1.0 0.0	56.8 -58.8 34.0 68.0 150 0.0 1.0 0.006	0.0 1.0 0.143 56.1	-60.9 19.8 64.2 162 0.0 1.0 0.006					
153	151	163	0.005 1.0 0.0	55.4 -62.2 31.8 70.0 153	0.036 1.0 0.0	56.3 -60.0 33.3 68.7 151 0.0 1.0 0.017	0.0 1.0 0.157 56.1	-60.7 18.6 63.6 163 0.0 1.0 0.017					
154	152	164	0.0 1.0 0.012 55.3	-62.5 30.5 69.7 154	0.02 1.0 0.0	55.9 -61.1 32.5 69.3 152 0.0 1.0 0.033	0.0 1.0 0.17 56.2	-60.5 17.4 63.1 164 0.0 1.0 0.033					
155	153	165	0.0 1.0 0.029 55.4	-62.4 29.1 69.0 155	0.005 1.0 0.0	55.4 -62.2 31.8 70.0 153 0.0 1.0 0.05	0.0 1.0 0.184 56.3	-60.3 16.2 62.5 165 0.0 1.0 0.05					
156	154	166	0.0 1.0 0.046 55.5	-62.2 27.8 68.2 156	0.0 1.0 0.012 55.3	-62.5 30.5 69.7 154 0.0 1.0 0.067	0.0 1.0 0.198 56.4	-60.0 15.0 62.0 166 0.0 1.0 0.067					
157	155	167	0.0 1.0 0.062 55.6	-62.1 26.4 67.5 157	0.0 1.0 0.029 55.4	-62.4 29.1 69.0 155 0.0 1.0 0.083	0.0 1.0 0.211 56.5	-59.8 13.8 61.4 167 0.0 1.0 0.083					
158	156	168	0.0 1.0 0.079 55.7	-61.8 25.0 66.8 158	0.0 1.0 0.046 55.5	-62.2 27.8 68.2 156 0.0 1.0 0.1	0.0 1.0 0.225 56.6	-59.5 12.7 60.9 168 0.0 1.0 0.1					
159	157	169	0.0 1.0 0.096 55.8	-61.6 23.7 66.1 159	0.0 1.0 0.062 55.6	-62.1 26.4 67.5 157 0.0 1.0 0.117	0.0 1.0 0.239 56.7	-59.1 11.5 60.3 169 0.0 1.0 0.117					
160	158	170	0.0 1.0 0.113 55.9	-61.3 22.4 65.4 160	0.0 1.0 0.079 55.7	-61.8 25.0 66.8 158 0.0 1.0 0.133	0.0 1.0 0.252 56.7	-58.8 10.4 59.8 170 0.0 1.0 0.133					
161	159	170	0.0 1.0 0.129 56.0	-61.1 21.1 64.7 161	0.0 1.0 0.096 55.8	-61.6 23.7 66.1 159 0.0 1.0 0.15	0.0 1.0 0.252 56.7	-58.8 10.4 59.8 170 0.0 1.0 0.15					
162	160	171	0.0 1.0 0.143 56.1	-60.9 19.8 64.2 162	0.0 1.0 0.113 55.9	-61.3 22.4 65.4 160 0.0 1.0 0.167	0.0 1.0 0.262 56.8	-58.7 9.3 59.5 171 0.0 1.0 0.167					
163	161	172	0.0 1.0 0.157 56.1	-60.7 18.6 63.6 163	0.0 1.0 0.129 56.0	-61.1 21.1 64.7 161 0.0 1.0 0.183	0.0 1.0 0.273 56.9	-58.5 8.2 59.1 172 0.0 1.0 0.183					
164	162	173	0.0 1.0 0.17 56.2	-60.5 17.4 63.1 164	0.0 1.0 0.143 56.1	-60.9 19.8 64.2 162 0.0 1.0 0.2	0.0 1.0 0.283 57.0	-58.3 7.2 58.8 173 0.0 1.0 0.2					
165	163	174	0.0 1.0 0.184 56.3	-60.3 16.2 62.5 165	0.0 1.0 0.157 56.1	-60.7 18.6 63.6 163 0.0 1.0 0.217	0.0 1.0 0.294 57.1	-58.0 6.1 58.5 174 0.0 1.0 0.217					
166	164	175	0.0 1.0 0.198 56.4	-60.0 15.0 62.0 166	0.0 1.0 0.17 56.2	-60.5 17.4 63.1 164 0.0 1.0 0.233	0.0 1.0 0.304 57.1	-57.8 5.1 58.1 175 0.0 1.0 0.233					
167	165	176	0.0 1.0 0.211 56.5	-59.8 13.8 61.4 167	0.0 1.0 0.184 56.3	-60.3 16.2 62.5 165 0.0 1.0 0.25	0.0 1.0 0.314 57.2	-57.5 4.0 57.8 176 0.0 1.0 0.25					

OE390-7N, Page of series 15/20, RX0, D50, XYZnw=3.4, 3.4, 2.8, 87.6, 91.1, 72.8, LAB*nw=21.7, 0.7, 0.6, 96.5, -0.4, 2.1, not adapted

Output: Offset print ORS42_18_96; separation cmyn6*, D65 and D50, page 15/20

TUB-test chart OE39; 48 and 360 step hue circles, Page 15/20
Data of Offset print ORS42_18_96, separation cmyn6*, D65 and D50

input: rgb^*_d set $rgbcolor$
output: $cmyn6^*_d = f_6(rgb^*_d)$

TUB registration: 20110301-OE39/OE39L0NA.TXT /PS
application for measurement of printer or monitor systems

TUB material: code=rha4ta

See original or copy: <http://web.me.com/klaus.richter/OE39/OE39L0NA.TXT> /PS
Technical information: <http://www.ps.bam.de> or <http://130.149.60.45/~farbmetrik>

Data of Maximum color M in colorimetric system Offset print ORS42_18_96; separation cmyn6*, 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: $h_{ab,d} = 32.2, 92.8, 153.3, 229.3, 292.9, 356.0$; 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	$dd361Mi$	$LAB^*_{dd361Mix}(x=LabCh)$	rgb^*_d	$ds361Mi$	$LAB^*_{ds361Mix}(x=LabCh)$	rgb^*_s	$s50M$	rgb^*_d	$de361Mi$	$LAB^*_{de361Mix}(x=LabCh)$	rgb^*_e	$e50M$	rgb^*_d	$ds361Mi$	$LAB^*_{ds361Mix}(x=LabCh)$	rgb^*_s	$s50M$	rgb^*_d	$de361Mi$	$LAB^*_{de361Mix}(x=LabCh)$	rgb^*_e	$e50M$	rgb^*_d	$ds361Mi$	$LAB^*_{ds361Mix}(x=LabCh)$	rgb^*_s	$s50M$			
167	165	176	0.0	1.0	0.211 56.5	-59.8 13.8	61.4	167	0.0	1.0	0.184 56.3	-60.3 16.2	62.5	165	0.0	1.0	0.25	0.0	1.0	0.314 57.2	-57.5 4.0	57.8	176	0.0	1.0	0.25							
168	166	177	0.0	1.0	0.225 56.6	-59.5 12.7	60.9	168	0.0	1.0	0.198 56.4	-60.0 15.0	62.0	166	0.0	1.0	0.267	0.0	1.0	0.325 57.3	-57.2 3.0	57.4	177	0.0	1.0	0.267							
169	167	178	0.0	1.0	0.239 56.7	-59.1 11.5	60.3	169	0.0	1.0	0.211 56.5	-59.8 13.8	61.4	167	0.0	1.0	0.283	0.0	1.0	0.335 57.4	-56.9 2.0	57.1	178	0.0	1.0	0.283							
170	168	179	0.0	1.0	0.252 56.7	-58.8 10.4	59.8	170	0.0	1.0	0.225 56.6	-59.5 12.7	60.9	168	0.0	1.0	0.3	0.0	1.0	0.346 57.4	-56.6 1.0	56.7	179	0.0	1.0	0.3							
171	169	180	0.0	1.0	0.262 56.8	-58.7 9.3	59.5	171	0.0	1.0	0.239 56.7	-59.1 11.5	60.3	169	0.0	1.0	0.317	0.0	1.0	0.356 57.5	-56.3 0.0	56.4	180	0.0	1.0	0.317							
172	170	180	0.0	1.0	0.273 56.9	-58.5 8.2	59.1	172	0.0	1.0	0.252 56.7	-58.8 10.4	59.8	170	0.0	1.0	0.333	0.0	1.0	0.356 57.5	-56.3 0.0	56.4	180	0.0	1.0	0.333							
173	171	181	0.0	1.0	0.283 57.0	-58.3 7.2	58.8	173	0.0	1.0	0.262 56.8	-58.7 9.3	59.5	171	0.0	1.0	0.35	0.0	1.0	0.367 57.6	-55.9 -0.9	56.0	181	0.0	1.0	0.35							
174	172	182	0.0	1.0	0.294 57.1	-58.0 6.1	58.5	174	0.0	1.0	0.273 56.9	-58.5 8.2	59.1	172	0.0	1.0	0.367	0.0	1.0	0.377 57.7	-55.6 -1.8	55.7	182	0.0	1.0	0.367							
175	173	183	0.0	1.0	0.304 57.1	-57.8 5.1	58.1	175	0.0	1.0	0.283 57.0	-58.3 7.2	58.8	173	0.0	1.0	0.383	0.0	1.0	0.39	57.7	-55.4 -2.8	55.6	183	0.0	1.0	0.383						
176	174	184	0.0	1.0	0.314 57.2	-57.5 4.0	57.8	176	0.0	1.0	0.294 57.1	-58.0 6.1	58.5	174	0.0	1.0	0.4	0.0	1.0	0.402 57.8	-55.2 -3.8	55.4	184	0.0	1.0	0.4							
177	175	185	0.0	1.0	0.325 57.3	-57.2 3.0	57.4	177	0.0	1.0	0.304 57.1	-57.8 5.1	58.1	175	0.0	1.0	0.417	0.0	1.0	0.414 57.9	-55.0 -4.7	55.3	185	0.0	1.0	0.417							
178	176	186	0.0	1.0	0.335 57.4	-56.9 2.0	57.1	178	0.0	1.0	0.314 57.2	-57.5 4.0	57.8	176	0.0	1.0	0.433	0.0	1.0	0.427 58.0	-54.7 -5.7	55.1	186	0.0	1.0	0.433							
179	177	187	0.0	1.0	0.346 57.4	-56.6 1.0	56.7	179	0.0	1.0	0.325 57.3	-57.2 3.0	57.4	177	0.0	1.0	0.45	0.0	1.0	0.439 58.0	-54.4 -6.6	55.0	187	0.0	1.0	0.45							
180	178	188	0.0	1.0	0.356 57.5	-56.3 0.0	56.4	180	0.0	1.0	0.335 57.4	-56.9 2.0	57.1	178	0.0	1.0	0.467	0.0	1.0	0.451 58.1	-54.2 -7.5	54.8	188	0.0	1.0	0.467							
181	179	189	0.0	1.0	0.367 57.6	-55.9 -0.9	56.0	181	0.0	1.0	0.346 57.4	-56.6 1.0	56.7	179	0.0	1.0	0.483	0.0	1.0	0.464 58.2	-53.9 -8.4	54.6	189	0.0	1.0	0.483							
182	180	190	0.0	1.0	0.377 57.7	-55.6 -1.8	55.7	182	0.0	1.0	0.356 57.5	-56.3 0.0	56.4	180	0.0	1.0	0.5	0.0	1.0	0.476 58.3	-53.6 -9.4	54.5	190	0.0	1.0	0.5							
183	181	191	0.0	1.0	0.39	57.7	-55.4 -2.8	55.6	183	0.0	1.0	0.367 57.6	-55.9 -0.9	56.0	181	0.0	1.0	0.517	0.0	1.0	0.488 58.3	-53.2 -10.3	54.3	191	0.0	1.0	0.517						
184	182	191	0.0	1.0	0.402	57.8	-55.2 -3.8	55.4	184	0.0	1.0	0.377 57.7	-55.6 -1.8	55.7	182	0.0	1.0	0.533	0.0	1.0	0.488 58.3	-53.2 -10.3	54.3	191	0.0	1.0	0.533						
185	183	192	0.0	1.0	0.414	57.9	-55.0 -4.7	55.3	185	0.0	1.0	0.39	57.7	-55.4 -2.8	55.6	183	0.0	1.0	0.55	0.0	1.0	0.501	58.4	-52.9 -11.2	54.2	192	0.0	1.0	0.55				
186	184	193	0.0	1.0	0.427	58.0	-54.7 -5.7	55.1	186	0.0	1.0	0.402	57.8	-55.2 -3.8	55.4	184	0.0	1.0	0.567	0.0	1.0	0.512	58.5	-52.7 -12.1	54.2	193	0.0	1.0	0.567				
187	185	194	0.0	1.0	0.439	58.0	-54.4 -6.6	55.0	187	0.0	1.0	0.414	57.9	-55.0 -4.7	55.3	185	0.0	1.0	0.583	0.0	1.0	0.524	58.5	-52.5 -13.0	54.2	194	0.0	1.0	0.583				
188	186	195	0.0	1.0	0.451	58.1	-54.2 -7.5	54.8	188	0.0	1.0	0.427	58.0	-54.7 -5.7	55.1	186	0.0	1.0	0.6	0.0	1.0	0.536	58.5	-52.2 -13.9	54.2	195	0.0	1.0	0.6				
189	187	196	0.0	1.0	0.464	58.2	-53.9 -8.4	54.6	189	0.0	1.0	0.439	58.0	-54.4 -6.6	55.0	187	0.0	1.0	0.617	0.0	1.0	0.548	58.6	-52.0 -14.8	54.2	196	0.0	1.0	0.617				
190	188	197	0.0	1.0	0.476	58.3	-53.6 -9.4	54.5	190	0.0	1.0	0.451	58.1	-54.2 -7.5	54.8	188	0.0	1.0	0.633	0.0	1.0	0.56	58.6	-51.7 -15.7	54.2	197	0.0	1.0	0.633				
191	189	198	0.0	1.0	0.488	58.3	-53.2 -10.3	54.3	191	0.0	1.0	0.464	58.2	-53.9 -8.4	54.6	189	0.0	1.0	0.65	0.0	1.0	0.572	58.7	-51.4 -16.6	54.2	198	0.0	1.0	0.65				
192	190	199	0.0	1.0	0.501	58.4	-52.9 -11.2	54.2	192	0.0	1.0	0.476	58.3	-53.6 -9.4	54.5	190	0.0	1.0	0.667	0.0	1.0	0.583	58.7	-51.1 -17.5	54.2	199	0.0	1.0	0.667				
193	191	200	0.0	1.0	0.512	58.5	-52.7 -12.1	54.2	193	0.0	1.0	0.488	58.3	-53.2 -10.3	54.3	191	0.0	1.0	0.683	0.0	1.0	0.595	58.8	-50.8 -18.4	54.2	200	0.0	1.0	0.683				
194	192	201	0.0	1.0	0.524	58.5	-52.5 -13.0	54.2	194	0.0	1.0	0.501	58.4	-52.9 -11.2	54.2	192	0.0	1.0	0.7	0.0	1.0	0.607	58.8	-50.5 -19.3	54.2	201	0.0	1.0	0.7				
195	193	201	0.0	1.0	0.536	58.5	-52.2 -13.9	54.2	195	0.0	1.0	0.512	58.5	-52.7 -12.1	54.2	193	0.0	1.0	0.717	0.0	1.0	0.607	58.8	-50.5 -19.3	54.2	201	0.0	1.0	0.717				
196	194	202	0.0	1.0	0.548	58.6	-52.0 -14.8	54.2	196	0.0	1.0	0.524	58.5	-52.5 -13.0	54.2	194	0.0	1.0	0.733	0.0	1.0	0.619	58.9	-50.1 -20.2	54.2	202	0.0	1.0	0.733				
197	195	203	0.0	1.0	0.56	58.6	-51.7 -15.7	54.2	197	0.0	1.0	0.536	58.5	-52.2 -13.9	54.2	195	0.0	1.0	0.75	0.0	1.0	0.631	58.9	-49.8 -21.1	54.2	203	0.0	1.0	0.75				
198	196	204	0.0	1.0	0.572	58.7	-51.4 -16.6	54.2	198	0.0	1.0	0.548	58.6	-52.0 -14.8	54.2	196	0.0	1.0	0.767	0.0	1.0	0.644	59.0	-49.5 -22.0	54.3	204	0.0	1.0	0.767				
199	197	205	0.0	1.0	0.583	58.7	-51.1 -17.5	54.2	199	0.0	1.0	0.56	58.6	-51.7 -15.7	54.2	197	0.0	1.0	0.783	0.0	1.0	0.656	59.1	-49.2 -22.9	54.4	205	0.0	1.0	0.783				
200	198	206	0.0	1.0	0.595	58.8	-50.8 -18.4	54.2	200	0.0	1.0	0.572	58.7	-51.4 -																			

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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 Offset print ORS42_18_96; separation cmyn6*, 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: $h_{ab,d} = 32.2, 92.8, 153.3, 229.3, 292.9, 356.0$; 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	rgb^*_s	rgb^*_e	LAB^*_d	LAB^*_s	LAB^*_e	$ds361Mi$	$ds361Mix(x=LabCh)$	$ds361Mi$
212	210	217	0.0	1.0	0.744	59.6	-46.6	-29.1	55.1	212	0.0
213	211	218	0.0	1.0	0.758	59.7	-46.2	-30.0	55.2	213	0.0
214	212	219	0.0	1.0	0.774	59.8	-45.8	-30.9	55.4	214	0.0
215	213	220	0.0	1.0	0.789	59.9	-45.4	-31.8	55.6	215	0.0
216	214	221	0.0	1.0	0.804	60.1	-45.0	-32.7	55.8	216	0.0
217	215	222	0.0	1.0	0.819	60.2	-44.6	-33.6	56.0	217	0.0
218	216	222	0.0	1.0	0.834	60.3	-44.2	-34.5	56.2	218	0.0
219	217	223	0.0	1.0	0.85	60.4	-43.7	-35.4	56.4	219	0.0
220	218	224	0.0	1.0	0.865	60.5	-43.2	-36.2	56.5	220	0.0
221	219	225	0.0	1.0	0.88	60.6	-42.7	-37.1	56.8	221	0.0
222	220	226	0.0	1.0	0.894	60.7	-42.3	-38.1	57.1	222	0.0
223	221	227	0.0	1.0	0.909	60.8	-41.9	-39.1	57.4	223	0.0
224	222	228	0.0	1.0	0.924	60.9	-41.4	-40.0	57.7	224	0.0
225	223	229	0.0	1.0	0.938	61.0	-40.9	-40.9	58.1	225	0.0
226	224	230	0.0	1.0	0.953	61.1	-40.4	-41.9	58.4	226	0.0
227	225	231	0.0	1.0	0.967	61.2	-39.9	-42.8	58.7	227	0.0
228	226	232	0.0	1.0	0.982	61.3	-39.4	-43.8	59.0	228	0.0
229	227	232	0.0	1.0	0.996	61.3	-38.8	-44.7	59.3	229	0.0
230	228	233	0.0	0.981	1.0	60.8	-37.8	-45.0	58.9	230	0.0
231	229	234	0.0	0.955	1.0	59.9	-36.6	-45.2	58.3	231	0.0
232	230	235	0.0	0.93	1.0	59.1	-35.4	-45.3	57.6	232	0.0
233	231	236	0.0	0.904	1.0	58.3	-34.2	-45.4	56.9	233	0.0
234	232	237	0.0	0.879	1.0	57.5	-33.0	-45.4	56.3	234	0.0
235	233	238	0.0	0.854	1.0	56.7	-31.8	-45.5	55.7	235	0.0
236	234	239	0.0	0.828	1.0	56.0	-30.7	-45.6	55.1	236	0.0
237	235	240	0.0	0.803	1.0	55.3	-29.6	-45.6	54.5	237	0.0
238	236	241	0.0	0.778	1.0	54.6	-28.5	-45.6	53.9	238	0.0
239	237	242	0.0	0.753	1.0	53.8	-27.4	-45.6	53.3	239	0.0
240	238	243	0.0	0.735	1.0	53.1	-26.4	-45.7	52.9	240	0.0
241	239	243	0.0	0.717	1.0	52.5	-25.4	-45.8	52.5	241	0.0
242	240	244	0.0	0.699	1.0	51.8	-24.4	-45.9	52.1	242	0.0
243	241	245	0.0	0.681	1.0	51.1	-23.4	-46.0	51.7	243	0.0
244	242	246	0.0	0.664	1.0	50.4	-22.4	-46.0	51.3	244	0.0
245	243	247	0.0	0.646	1.0	49.7	-21.4	-46.1	50.9	245	0.0
246	244	248	0.0	0.628	1.0	49.1	-20.5	-46.1	50.6	246	0.0
247	245	249	0.0	0.612	1.0	48.5	-19.5	-46.2	50.3	247	0.0
248	246	250	0.0	0.596	1.0	47.9	-18.6	-46.3	50.0	248	0.0
249	247	251	0.0	0.581	1.0	47.3	-17.7	-46.4	49.8	249	0.0
250	248	252	0.0	0.565	1.0	46.7	-16.8	-46.4	49.5	250	0.0
251	249	253	0.0	0.549	1.0	46.2	-15.9	-46.5	49.3	251	0.0
252	250	253	0.0	0.534	1.0	45.6	-15.1	-46.5	49.0	252	0.0
253	251	254	0.0	0.518	1.0	45.0	-14.2	-46.6	48.8	253	0.0
254	252	255	0.0	0.502	1.0	44.4	-13.3	-46.6	48.5	254	0.0
255	253	256	0.0	0.49	1.0	43.9	-12.4	-46.6	48.4	255	0.0
256	254	257	0.0	0.477	1.0	43.5	-11.6	-46.7	48.2	256	0.0
257	255	258	0.0	0.465	1.0	43.0	-10.7	-46.7	48.0	257	0.0

OE390-7N, Page of series 17/20, RX0, D50, XYZnw=3.4, 3.4, 2.8, 87.6, 91.1, 72.8, LAB*_{nw}=21.7, 0.7, 0.6, 96.5, -0.4, 2.1, not adapted

TUB-test chart OE39; 48 and 360 step hue circles, Page 17/20
Data of Offset print ORS42_18_96, separation cmyn6*, D65 and D50

Output: Offset print ORS42_18_96; separation cmyn6*, D65 and D50, page 17/20

input: rgb^*_d setrgbcolor
output: $cmyn6^*_d = f_6(rgb^*_d)$

TUB registration: 20110301-OE39/OE39L0NA.TXT /PS
application for measurement of printer or monitor systems

TUB material: code=rha4ta

See original or copy: <http://web.me.com/klaus.richter/OE39/OE39L0NA.TXT> /PS
Technical information: <http://www.ps.bam.de> or <http://130.149.60.45/~farbmetrik>

Data of Maximum color M in colorimetric system Offset print ORS42_18_96; separation cmyn6*, 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: $h_{ab,d} = 32.2, 92.8, 153.3, 229.3, 292.9, 356.0$; 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	$dd361Mi$	LAB^*_d	$dd361Mix$ (x=LabCh)	rgb^*_s	$ds361Mi$	LAB^*_s	$ds361Mix$ (x=LabCh)	rgb^*_e	$s50M$	rgb^*_e	$de361Mi$	LAB^*_e	$de361Mix$ (x=LabCh)	rgb^*_e	$e50M$	rgb^*_d	rgb^*_s	rgb^*_e						
257	255	258	0.0	0.465	1.0	43.0 -10.7 -46.7 48.0	257	0.0	0.49	1.0	43.9 -12.4 -46.6 48.4	255	0.0	0.25	1.0	0.0	0.452	1.0	42.5 -9.9 -46.7 47.9	258	0.0	0.25	1.0				
258	256	259	0.0	0.452	1.0	42.5 -9.9 -46.7 47.9	258	0.0	0.477	1.0	43.5 -11.6 -46.7 48.2	256	0.0	0.233	1.0	0.0	0.44	1.0	42.0 -9.0 -46.7 47.7	259	0.0	0.233	1.0				
259	257	260	0.0	0.44	1.0	42.0 -9.0 -46.7 47.7	259	0.0	0.465	1.0	43.0 -10.7 -46.7 48.0	257	0.0	0.217	1.0	0.0	0.427	1.0	41.6 -8.2 -46.7 47.5	260	0.0	0.217	1.0				
260	258	261	0.0	0.427	1.0	41.6 -8.2 -46.7 47.5	260	0.0	0.452	1.0	42.5 -9.9 -46.7 47.9	258	0.0	0.2	1.0	0.0	0.415	1.0	41.1 -7.3 -46.7 47.4	261	0.0	0.2	1.0				
261	259	262	0.0	0.415	1.0	41.1 -7.3 -46.7 47.4	261	0.0	0.44	1.0	42.0 -9.0 -46.7 47.7	259	0.0	0.183	1.0	0.0	0.402	1.0	40.6 -6.5 -46.6 47.2	262	0.0	0.183	1.0				
262	260	263	0.0	0.402	1.0	40.6 -6.5 -46.6 47.2	262	0.0	0.427	1.0	41.6 -8.2 -46.7 47.5	260	0.0	0.167	1.0	0.0	0.39	1.0	40.1 -5.6 -46.6 47.0	263	0.0	0.167	1.0				
263	261	264	0.0	0.39	1.0	40.1 -5.6 -46.6 47.0	263	0.0	0.415	1.0	41.1 -7.3 -46.7 47.4	261	0.0	0.15	1.0	0.0	0.377	1.0	39.7 -4.8 -46.5 46.9	264	0.0	0.15	1.0				
264	262	264	0.0	0.377	1.0	39.7 -4.8 -46.5 46.9	264	0.0	0.402	1.0	40.6 -6.5 -46.6 47.2	262	0.0	0.133	1.0	0.0	0.377	1.0	39.7 -4.8 -46.5 46.9	264	0.0	0.133	1.0				
265	263	265	0.0	0.364	1.0	39.2 -4.0 -46.6 46.9	265	0.0	0.39	1.0	40.1 -5.6 -46.6 47.0	263	0.0	0.117	1.0	0.0	0.364	1.0	39.2 -4.0 -46.6 46.9	265	0.0	0.117	1.0				
266	264	266	0.0	0.35	1.0	38.8 -3.2 -46.7 46.9	266	0.0	0.377	1.0	39.7 -4.8 -46.5 46.9	264	0.0	0.1	1.0	0.0	0.35	1.0	38.8 -3.2 -46.7 46.9	266	0.0	0.1	1.0				
267	265	267	0.0	0.336	1.0	38.3 -2.4 -46.8 47.0	267	0.0	0.364	1.0	39.2 -4.0 -46.6 46.9	265	0.0	0.083	1.0	0.0	0.336	1.0	38.3 -2.4 -46.8 47.0	267	0.0	0.083	1.0				
268	266	268	0.0	0.322	1.0	37.8 -1.5 -46.9 47.0	268	0.0	0.35	1.0	38.8 -3.2 -46.7 46.9	266	0.0	0.067	1.0	0.0	0.322	1.0	37.8 -1.5 -46.9 47.0	268	0.0	0.067	1.0				
269	267	269	0.0	0.309	1.0	37.4 -0.7 -46.9 47.0	269	0.0	0.336	1.0	38.3 -2.4 -46.8 47.0	267	0.0	0.05	1.0	0.0	0.309	1.0	37.4 -0.7 -46.9 47.0	269	0.0	0.05	1.0				
270	268	270	0.0	0.295	1.0	36.9 0.0 -47.0 47.1	270	0.0	0.322	1.0	37.8 -1.5 -46.9 47.0	268	0.0	0.033	1.0	0.0	0.295	1.0	36.9 0.0 -47.0 47.1	270	0.0	0.033	1.0				
271	269	271	0.0	0.281	1.0	36.5 0.8 -47.0 47.1	271	0.0	0.309	1.0	37.4 -0.7 -46.9 47.0	269	0.0	0.017	1.0	0.0	0.281	1.0	36.5 0.8 -47.0 47.1	271	0.0	0.017	1.0				
272	270	272	0.0	0.267	1.0	36.0 1.6 -47.1 47.2	272	0.0	0.295	1.0	36.9 0.0 -47.0 47.1	270	0.0	0.0	1.0B _s	0.0	0.267	1.0	36.0 1.6 -47.1 47.2	272	0.0	0.0	1.0B _e				
273	271	273	0.0	0.253	1.0	35.6 2.5 -47.1 47.2	273	0.0	0.281	1.0	36.5 0.8 -47.0 47.1	271	0.0	0.017	0.0	1.0	0.0	0.253	1.0	35.6 2.5 -47.1 47.2	273	0.017	0.0	1.0			
274	272	274	0.0	0.24	1.0	35.1 3.3 -47.2 47.4	274	0.0	0.267	1.0	36.0 1.6 -47.1 47.2	272	0.033	0.0	1.0	0.0	0.24	1.0	35.1 3.3 -47.2 47.4	274	0.033	0.0	1.0				
275	273	275	0.0	0.227	1.0	34.6 4.1 -47.3 47.5	275	0.0	0.253	1.0	35.6 2.5 -47.1 47.2	273	0.05	0.0	1.0	0.0	0.227	1.0	34.6 4.1 -47.3 47.5	275	0.05	0.0	1.0				
276	274	276	0.0	0.214	1.0	34.2 5.0 -47.3 47.7	276	0.0	0.24	1.0	35.1 3.3 -47.2 47.4	274	0.067	0.0	1.0	0.0	0.214	1.0	34.2 5.0 -47.3 47.7	276	0.067	0.0	1.0				
277	275	276	0.0	0.2	1.0	33.7 5.8 -47.4 47.9	277	0.0	0.227	1.0	34.6 4.1 -47.3 47.5	275	0.083	0.0	1.0	0.0	0.214	1.0	34.2 5.0 -47.3 47.7	276	0.083	0.0	1.0				
278	276	277	0.0	0.187	1.0	33.2 6.7 -47.5 48.0	278	0.0	0.214	1.0	34.2 5.0 -47.3 47.7	276	0.1	0.0	1.0	0.0	0.2	1.0	33.7 5.8 -47.4 47.9	277	0.1	0.0	1.0				
279	277	278	0.0	0.174	1.0	32.8 7.5 -47.5 48.2	279	0.0	0.2	1.0	33.7 5.8 -47.4 47.9	277	0.117	0.0	1.0	0.0	0.187	1.0	33.2 6.7 -47.5 48.0	278	0.117	0.0	1.0				
280	278	279	0.0	0.161	1.0	32.3 8.4 -47.5 48.4	280	0.0	0.187	1.0	33.2 6.7 -47.5 48.0	278	0.133	0.0	1.0	0.0	0.174	1.0	32.8 7.5 -47.5 48.2	279	0.133	0.0	1.0				
281	279	280	0.0	0.148	1.0	31.9 9.3 -47.5 48.5	281	0.0	0.174	1.0	32.8 7.5 -47.5 48.2	279	0.15	0.0	1.0	0.0	0.161	1.0	32.3 8.4 -47.5 48.4	280	0.15	0.0	1.0				
282	280	281	0.0	0.134	1.0	31.4 10.1 -47.5 48.7	282	0.0	0.161	1.0	32.3 8.4 -47.5 48.4	280	0.167	0.0	1.0	0.0	0.148	1.0	31.9 9.3 -47.5 48.5	281	0.167	0.0	1.0				
283	281	282	0.0	0.121	1.0	30.9 11.0 -47.5 48.9	283	0.0	0.148	1.0	31.9 9.3 -47.5 48.5	281	0.183	0.0	1.0	0.0	0.134	1.0	31.4 10.1 -47.5 48.7	282	0.183	0.0	1.0				
284	282	283	0.0	0.109	1.0	30.5 11.9 -47.6 49.1	284	0.0	0.134	1.0	31.4 10.1 -47.5 48.7	282	0.2	0.0	1.0	0.0	0.121	1.0	30.9 11.0 -47.5 48.9	283	0.2	0.0	1.0				
285	283	284	0.0	0.097	1.0	30.1 12.8 -47.6 49.4	285	0.0	0.121	1.0	30.9 11.0 -47.5 48.9	283	0.217	0.0	1.0	0.0	0.109	1.0	30.5 11.9 -47.6 49.1	284	0.217	0.0	1.0				
286	284	285	0.0	0.085	1.0	29.7 13.7 -47.6 49.6	286	0.0	0.109	1.0	30.5 11.9 -47.6 49.1	284	0.233	0.0	1.0	0.0	0.097	1.0	30.1 12.8 -47.6 49.4	285	0.233	0.0	1.0				
287	285	286	0.0	0.072	1.0	29.3 14.6 -47.6 49.9	287	0.0	0.097	1.0	30.1 12.8 -47.6 49.4	285	0.25	0.0	1.0	0.0	0.085	1.0	29.7 13.7 -47.6 49.6	286	0.25	0.0	1.0				
288	286	287	0.0	0.06	1.0	28.8 15.5 -47.6 50.1	288	0.0	0.085	1.0	29.7 13.7 -47.6 49.6	286	0.267	0.0	1.0	0.0	0.072	1.0	29.3 14.6 -47.6 49.9	287	0.267	0.0	1.0				
289	287	288	0.0	0.048	1.0	28.4 16.4 -47.5 50.4	289	0.0	0.072	1.0	29.3 14.6 -47.6 49.9	287	0.283	0.0	1.0	0.0	0.06	1.0	28.8 15.5 -47.6 50.1	288	0.283	0.0	1.0				
290	288	289	0.0	0.036	1.0	28.0 17.3 -47.5 50.6	290	0.0	0.06	1.0	28.8 15.5 -47.6 50.1	288	0.3	0.0	1.0	0.0	0.048	1.0	28.4 16.4 -47.5 50.4	289	0.3	0.0	1.0				
291	289	290	0.0	0.023	1.0	27.6 18.2 -47.4 50.9	291	0.0	0.048	1.0	28.4 16.4 -47.5 50.4	289	0.317	0.0	1.0	0.0	0.036	1.0	28.0 17.3 -47.5 50.6	290	0.317	0.0	1.0				
292	290	291	0.0	0.011	1.0	27.2 19.2 -47.3 51.1	292B _d	0.0	0.036	1.0	28.0 17.3 -47.5 50.6	290	0.333	0.0	1.0	0.0	0.023	1.0	27.6 18.2 -47.4 50.9	291	0.333	0.0	1.0				
293	291	292	0.001	0.0	1.0	26.8 20.1 -47.2 51.4	293	0.0	0.023	1.0	27.6 18.2 -47.4 50.9	291	0.35														

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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 Offset print ORS42_18_96; separation cmyn6*, 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: $h_{ab,d} = 32.2, 92.8, 153.3, 229.3, 292.9, 356.0$; 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}						
302	300	300	0.093	0.0	1.0	28.6	27.3	-43.6	51.6	302	0.072	0.0	1.0	28.2	25.8	-44.5	51.5	300	0.5	0.0	1.0	0.072	0.0	1.0	28.2	25.8	-44.5	51.5	300	0.5	0.0	1.0			
303	301	301	0.103	0.0	1.0	28.8	28.1	-43.2	51.6	303	0.083	0.0	1.0	28.4	26.5	-44.1	51.5	301	0.517	0.0	1.0	0.083	0.0	1.0	28.4	26.5	-44.1	51.5	301	0.517	0.0	1.0			
304	302	302	0.113	0.0	1.0	29.0	28.9	-42.7	51.6	304	0.093	0.0	1.0	28.6	27.3	-43.6	51.6	302	0.533	0.0	1.0	0.093	0.0	1.0	28.6	27.3	-43.6	51.6	302	0.533	0.0	1.0			
305	303	303	0.123	0.0	1.0	29.2	29.6	-42.2	51.6	305	0.103	0.0	1.0	28.8	28.1	-43.2	51.6	303	0.55	0.0	1.0	0.103	0.0	1.0	28.8	28.1	-43.2	51.6	303	0.55	0.0	1.0			
306	304	304	0.135	0.0	1.0	29.4	30.4	-41.7	51.7	306	0.113	0.0	1.0	29.0	28.9	-42.7	51.6	304	0.567	0.0	1.0	0.113	0.0	1.0	29.0	28.9	-42.7	51.6	304	0.567	0.0	1.0			
307	305	305	0.148	0.0	1.0	29.6	31.2	-41.3	51.8	307	0.123	0.0	1.0	29.2	29.6	-42.2	51.6	305	0.583	0.0	1.0	0.123	0.0	1.0	29.2	29.6	-42.2	51.6	305	0.583	0.0	1.0			
308	306	306	0.16	0.0	1.0	29.8	31.9	-40.8	51.9	308	0.135	0.0	1.0	29.4	30.4	-41.7	51.7	306	0.6	0.0	1.0	0.135	0.0	1.0	29.4	30.4	-41.7	51.7	306	0.6	0.0	1.0			
309	307	307	0.172	0.0	1.0	30.0	32.7	-40.3	51.9	309	0.148	0.0	1.0	29.6	31.2	-41.3	51.8	307	0.617	0.0	1.0	0.148	0.0	1.0	29.6	31.2	-41.3	51.8	307	0.617	0.0	1.0			
310	308	308	0.184	0.0	1.0	30.2	33.4	-39.7	52.0	310	0.16	0.0	1.0	29.8	31.9	-40.8	51.9	308	0.633	0.0	1.0	0.16	0.0	1.0	29.8	31.9	-40.8	51.9	308	0.633	0.0	1.0			
311	309	309	0.197	0.0	1.0	30.4	34.2	-39.2	52.1	311	0.172	0.0	1.0	30.0	32.7	-40.3	51.9	309	0.65	0.0	1.0	0.172	0.0	1.0	30.0	32.7	-40.3	51.9	309	0.65	0.0	1.0			
312	310	310	0.209	0.0	1.0	30.7	34.9	-38.7	52.2	312	0.184	0.0	1.0	30.2	33.4	-39.7	52.0	310	0.667	0.0	1.0	0.184	0.0	1.0	30.2	33.4	-39.7	52.0	310	0.667	0.0	1.0			
313	311	311	0.221	0.0	1.0	30.9	35.6	-38.1	52.2	313	0.197	0.0	1.0	30.4	34.2	-39.2	52.1	311	0.683	0.0	1.0	0.197	0.0	1.0	30.4	34.2	-39.2	52.1	311	0.683	0.0	1.0			
314	312	312	0.234	0.0	1.0	31.1	36.3	-37.5	52.3	314	0.209	0.0	1.0	30.7	34.9	-38.7	52.2	312	0.7	0.0	1.0	0.209	0.0	1.0	30.7	34.9	-38.7	52.2	312	0.7	0.0	1.0			
315	313	312	0.246	0.0	1.0	31.3	37.1	-37.0	52.4	315	0.221	0.0	1.0	30.9	35.6	-38.1	52.2	313	0.717	0.0	1.0	0.209	0.0	1.0	30.7	34.9	-38.7	52.2	312	0.717	0.0	1.0			
316	314	313	0.263	0.0	1.0	31.8	37.8	-36.4	52.6	316	0.234	0.0	1.0	31.1	36.3	-37.5	52.3	314	0.733	0.0	1.0	0.221	0.0	1.0	30.9	35.6	-38.1	52.2	313	0.733	0.0	1.0			
317	315	314	0.283	0.0	1.0	32.4	38.7	-35.9	52.8	317	0.246	0.0	1.0	31.3	37.1	-37.0	52.4	315	0.75	0.0	1.0	0.234	0.0	1.0	31.1	36.3	-37.5	52.3	314	0.75	0.0	1.0			
318	316	315	0.302	0.0	1.0	33.1	39.5	-35.4	53.1	318	0.263	0.0	1.0	31.8	37.8	-36.4	52.6	316	0.767	0.0	1.0	0.246	0.0	1.0	31.3	37.1	-37.0	52.4	315	0.767	0.0	1.0			
319	317	316	0.322	0.0	1.0	33.7	40.3	-34.9	53.4	319	0.283	0.0	1.0	32.4	38.7	-35.9	52.8	317	0.783	0.0	1.0	0.263	0.0	1.0	31.8	37.8	-36.4	52.6	316	0.783	0.0	1.0			
320	318	317	0.342	0.0	1.0	34.4	41.1	-34.4	53.6	320	0.302	0.0	1.0	33.1	39.5	-35.4	53.1	318	0.8	0.0	1.0	0.283	0.0	1.0	32.4	38.7	-35.9	52.8	317	0.8	0.0	1.0			
321	319	318	0.361	0.0	1.0	35.0	41.9	-33.8	53.9	321	0.322	0.0	1.0	33.7	40.3	-34.9	53.4	319	0.817	0.0	1.0	0.302	0.0	1.0	33.1	39.5	-35.4	53.1	318	0.817	0.0	1.0			
322	320	319	0.378	0.0	1.0	35.6	42.6	-33.2	54.1	322	0.342	0.0	1.0	34.4	41.1	-34.4	53.6	320	0.833	0.0	1.0	0.322	0.0	1.0	33.7	40.3	-34.9	53.4	319	0.833	0.0	1.0			
323	321	320	0.39	0.0	1.0	35.9	43.5	-32.7	54.4	323	0.361	0.0	1.0	35.0	41.9	-33.8	53.9	321	0.85	0.0	1.0	0.342	0.0	1.0	34.4	41.1	-34.4	53.6	320	0.85	0.0	1.0			
324	322	321	0.401	0.0	1.0	36.2	44.3	-32.1	54.7	324	0.378	0.0	1.0	35.6	42.6	-33.2	54.1	322	0.867	0.0	1.0	0.361	0.0	1.0	35.0	41.9	-33.8	53.9	321	0.867	0.0	1.0			
325	323	322	0.412	0.0	1.0	36.6	45.1	-31.5	55.1	325	0.39	0.0	1.0	35.9	43.5	-32.7	54.4	323	0.883	0.0	1.0	0.378	0.0	1.0	35.6	42.6	-33.2	54.1	322	0.883	0.0	1.0			
326	324	323	0.424	0.0	1.0	36.9	45.9	-30.9	55.4	326	0.401	0.0	1.0	36.2	44.3	-32.1	54.7	324	0.9	0.0	1.0	0.39	0.0	1.0	35.9	43.5	-32.7	54.4	323	0.9	0.0	1.0			
327	325	324	0.435	0.0	1.0	37.2	46.7	-30.2	55.7	327	0.412	0.0	1.0	36.6	45.1	-31.5	55.1	325	0.917	0.0	1.0	0.401	0.0	1.0	36.2	44.3	-32.1	54.7	324	0.917	0.0	1.0			
328	326	325	0.447	0.0	1.0	37.6	47.5	-29.6	56.0	328	0.424	0.0	1.0	36.9	45.9	-30.9	55.4	326	0.933	0.0	1.0	0.412	0.0	1.0	36.6	45.1	-31.5	55.1	325	0.933	0.0	1.0			
329	327	326	0.458	0.0	1.0	37.9	48.3	-28.9	56.3	329	0.435	0.0	1.0	37.2	46.7	-30.2	55.7	327	0.95	0.0	1.0	0.424	0.0	1.0	36.9	45.9	-30.9	55.4	326	0.95	0.0	1.0			
330	328	327	0.469	0.0	1.0	38.3	49.0	-28.2	56.6	330	0.447	0.0	1.0	37.6	47.5	-29.6	56.0	328	0.967	0.0	1.0	0.435	0.0	1.0	37.2	46.7	-30.2	55.7	327	0.967	0.0	1.0			
331	329	328	0.481	0.0	1.0	38.6	49.8	-27.5	56.9	331	0.458	0.0	1.0	37.9	48.3	-28.9	56.3	329	0.983	0.0	1.0	0.447	0.0	1.0	37.6	47.5	-29.6	56.0	328	0.983	0.0	1.0			
332	330	329	0.492	0.0	1.0	38.9	50.5	-26.8	57.2	332	0.469	0.0	1.0	38.3	49.0	-28.2	56.6	330	1.0	0.0	1.0M _s	0.458	0.0	1.0	37.9	48.3	-28.9	56.3	329	1.0	0.0	1.0M _e			
333	331	330	0.504	0.0	1.0	39.3	51.3	-26.0	57.6	333	0.481	0.0	1.0	38.6	49.8	-27.5	56.9	331	1.0	0.0	0.983	0.469	0.0	1.0	38.3	49.0	-28.2	56.6	330	1.0	0.0	0.983			
334	332	331	0.519	0.0	1.0	39.6	52.2	-25.4	58.1	334	0.492	0.0	1.0	38.9	50.5	-26.8	57.2	332	1.0	0.0	0.967	0.481	0.0	1.0	38.6	49.8	-27.5	56.9	331	1.0	0.0	0.967			
335	333	331	0.533	0.0	1.0	39.9	53.1	-24.6	58.6	335	0.504	0.0	1.0	39.3	51.3	-26.0	57.6																		

See original or copy: <http://web.me.com/klaus.richter/OE39/OE39L0NA.TXT> /PS
Technical information: <http://www.ps.bam.de> or <http://130.149.60.45/~farbmetrik>

Data of Maximum color M in colorimetric system Offset print ORS42_18_96; separation cmyn6*, 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: $h_{ab,d} = 32.2, 92.8, 153.3, 229.3, 292.9, 356.0$; 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	0.782 0.0	1.0 46.7 64.3	-14.7 66.0	347	0.732 0.0	1.0 45.4 62.2	-16.6 64.4	345	1.0 0.0	0.75	
348	346	344	0.804 0.0	1.0 47.2 65.3	-13.8 66.8	348	0.759 0.0	1.0 46.2 63.2	-15.7 65.1	346	1.0 0.0	0.733	
349	347	345	0.827 0.0	1.0 47.7 66.4	-12.8 67.6	349	0.782 0.0	1.0 46.7 64.3	-14.7 66.0	347	1.0 0.0	0.717	
350	348	346	0.85 0.0	1.0 48.2 67.4	-11.8 68.4	350	0.804 0.0	1.0 47.2 65.3	-13.8 66.8	348	1.0 0.0	0.7	
351	349	347	0.873 0.0	1.0 48.8 68.4	-10.7 69.3	351	0.827 0.0	1.0 47.7 66.4	-12.8 67.6	349	1.0 0.0	0.683	
352	350	348	0.898 0.0	1.0 49.2 69.6	-9.7 70.3	352	0.85 0.0	1.0 48.2 67.4	-11.8 68.4	350	1.0 0.0	0.667	
353	351	349	0.924 0.0	1.0 49.7 70.7	-8.6 71.3	353	0.873 0.0	1.0 48.8 68.4	-10.7 69.3	351	1.0 0.0	0.65	
354	352	349	0.949 0.0	1.0 50.2 71.9	-7.5 72.3	354	0.898 0.0	1.0 49.2 69.6	-9.7 70.3	352	1.0 0.0	0.633	
355	353	350	0.974 0.0	1.0 50.7 73.0	-6.3 73.3	355	0.924 0.0	1.0 49.7 70.7	-8.6 71.3	353	1.0 0.0	0.617	
356	354	351	1.0 0.0	1.0 51.2 74.1	-5.1 74.3	356M _d	0.949 0.0	1.0 50.2 71.9	-7.5 72.3	354	1.0 0.0	0.6	
357	355	352	1.0 0.0	0.969 51.2	73.9 -3.8	74.0 357	0.974 0.0	1.0 50.7 73.0	-6.3 73.3	355	1.0 0.0	0.583	
358	356	353	1.0 0.0	0.938 51.2	73.6 -2.5	73.6 358	1.0 0.0	1.0 51.2 74.1	-5.1 74.3	356	1.0 0.0	0.567	
359	357	354	1.0 0.0	0.908 51.2	73.3 -1.2	73.3 359	1.0 0.0	0.969 51.2	73.9 -3.8	74.0 357	1.0 0.0	0.55	
0	358	355	1.0 0.0	0.877 51.2	72.9 0.0	72.9 0	1.0 0.0	0.938 51.2	73.6 -2.5	73.6 358	1.0 0.0	0.533	
1	359	356	1.0 0.0	0.842 51.2	72.9 1.3	72.9 1	1.0 0.0	0.908 51.2	73.3 -1.2	73.3 359	1.0 0.0	0.517	
2	360	357	1.0 0.0	0.808 51.1	72.8 2.5	72.9 2	1.0 0.0	0.877 51.2	72.9 0.0	72.9 0	1.0 0.0	0.5	
3	361	358	1.0 0.0	0.774 51.1	72.7 3.8	72.8 3	1.0 0.0	0.842 51.2	72.9 1.3	72.9 1	1.0 0.0	0.483	
4	362	359	1.0 0.0	0.742 51.1	72.6 5.1	72.8 4	1.0 0.0	0.808 51.1	72.8 2.5	72.9 2	1.0 0.0	0.467	
5	363	360	1.0 0.0	0.716 51.1	72.4 6.3	72.7 5	1.0 0.0	0.774 51.1	72.7 3.8	72.8 3	1.0 0.0	0.45	
6	364	361	1.0 0.0	0.69 51.1	72.2 7.6	72.6 6	1.0 0.0	0.742 51.1	72.6 5.1	72.8 4	1.0 0.0	0.433	
7	365	362	1.0 0.0	0.664 51.1	72.0 8.8	72.5 7	1.0 0.0	0.716 51.1	72.4 6.3	72.7 5	1.0 0.0	0.417	
8	366	363	1.0 0.0	0.638 51.1	71.7 10.1	72.4 8	1.0 0.0	0.69 51.1	72.2 7.6	72.6 6	1.0 0.0	0.4	
9	367	364	1.0 0.0	0.611 51.1	71.6 11.3	72.5 9	1.0 0.0	0.664 51.1	72.0 8.8	72.5 7	1.0 0.0	0.383	
10	368	365	1.0 0.0	0.583 51.0	71.6 12.6	72.7 10	1.0 0.0	0.638 51.1	71.7 10.1	72.4 8	1.0 0.0	0.367	
11	369	366	1.0 0.0	0.555 50.9	71.6 13.9	73.0 11	1.0 0.0	0.611 51.1	71.6 11.3	72.5 9	1.0 0.0	0.35	
12	370	367	1.0 0.0	0.527 50.8	71.6 15.2	73.2 12	1.0 0.0	0.583 51.0	71.6 12.6	72.7 10	1.0 0.0	0.333	
13	371	367	1.0 0.0	0.5 50.8	71.6 16.5	73.4 13	1.0 0.0	0.555 50.9	71.6 13.9	73.0 11	1.0 0.0	0.317	
14	372	368	1.0 0.0	0.474 50.8	71.4 17.8	73.6 14	1.0 0.0	0.527 50.8	71.6 15.2	73.2 12	1.0 0.0	0.3	
15	373	369	1.0 0.0	0.448 50.8	71.3 19.1	73.8 15	1.0 0.0	0.5 50.8	71.6 16.5	73.4 13	1.0 0.0	0.283	
16	374	370	1.0 0.0	0.422 50.8	71.1 20.4	73.9 16	1.0 0.0	0.474 50.8	71.4 17.8	73.6 14	1.0 0.0	0.267	
17	375	371	1.0 0.0	0.396 50.8	70.9 21.7	74.1 17	1.0 0.0	0.448 50.8	71.3 19.1	73.8 15	1.0 0.0	0.25	
18	376	372	1.0 0.0	0.371 50.9	70.7 23.0	74.3 18	1.0 0.0	0.422 50.8	71.1 20.4	73.9 16	1.0 0.0	0.233	
19	377	373	1.0 0.0	0.35 50.9	70.6 24.3	74.7 19	1.0 0.0	0.396 50.8	70.9 21.7	74.1 17	1.0 0.0	0.217	
20	378	374	1.0 0.0	0.328 50.9	70.5 25.7	75.0 20	1.0 0.0	0.371 50.9	70.7 23.0	74.3 18	1.0 0.0	0.2	
21	379	375	1.0 0.0	0.307 50.9	70.4 27.0	75.4 21	1.0 0.0	0.35 50.9	70.6 24.3	74.7 19	1.0 0.0	0.183	
22	380	376	1.0 0.0	0.286 50.9	70.2 28.4	75.7 22	1.0 0.0	0.328 50.9	70.5 25.7	75.0 20	1.0 0.0	0.167	
23	381	377	1.0 0.0	0.265 50.9	70.1 29.7	76.1 23	1.0 0.0	0.307 50.9	70.4 27.0	75.4 21	1.0 0.0	0.15	
24	382	378	1.0 0.0	0.241 50.9	69.9 31.1	76.5 24	1.0 0.0	0.286 50.9	70.2 28.4	75.7 22	1.0 0.0	0.133	
25	383	379	1.0 0.0	0.214 50.8	69.9 32.6	77.1 25	1.0 0.0	0.265 50.9	70.1 29.7	76.1 23	1.0 0.0	0.117	
26	384	380	1.0 0.0	0.186 50.8	69.8 34.1	77.7 26	1.0 0.0	0.241 50.9	69.9 31.1	76.5 24	1.0 0.0	0.1	
27	385	381	1.0 0.0	0.158 50.7	69.7 35.5	78.3 27	1.0 0.0	0.214 50.8	69.9 32.6	77.1 25	1.0 0.0	0.083	
28	386	382	1.0 0.0	0.13 50.7	69.6 37.0	78.8 28	1.0 0.0	0.186 50.8	69.8 34.1	77.7 26	1.0 0.0	0.067	
29	387	383	1.0 0.0	0.1 50.7	69.6 38.6	79.6 29	1.0 0.0	0.158 50.7	69.7 35.5	78.3 27	1.0 0.0	0.05	
30	388	384	1.0 0.0	0.069 50.6	69.6 40.2	80.3 30	1.0 0.0	0.13 50.7	69.6 37.0	78.8 28	1.0 0.0	0.033	
31	389	385	1.0 0.0	0.038 50.6	69.5 41.8	81.1 31	1.0 0.0	0.1 50.7	69.6 38.6	79.6 29	1.0 0.0	0.017	
32	390	385	1.0 0.0	0.007 50.5	69.4 43.4	81.9 32 R _d	1.0 0.0	0.069 50.6	69.6 40.2	80.3 30	1.0 0.0	0.0R _s	

OE390-7N, Page of series 20/20, RX0, D50, XYZnw=3.4, 3.4, 2.8, 87.6, 91.1, 72.8, LAB*nw=21.7, 0.7, 0.6, 96.5, -0.4, 2.1, not adapted

Output: Offset print ORS42_18_96; separation cmyn6*, D65 and D50, page 20/20

TUB-test chart OE39; 48 and 360 step hue circles, Page 20/20
Data of Offset print ORS42_18_96, separation cmyn6*, D65 and D50

input: rgb^*_d set $rgbcolor$
output: $cmyn6^*_d = f_6(rgb^*_d)$

TUB registration: 20110301-OE39/OE39L0NA.TXT /PS
application for measurement of printer or monitor systems

TUB material: code=rha4ta