

Data of Maximum color M in colorimetric system Offset print ORS41_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 : $h_{ab,d} = 31.4, 96.3, 152.9, 234.1, 298.9, 353.0$; 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

$LCH^*_d = 90.4 \ 88.7 \ 96.2$

$LAB^*_d = 90.4 \ -9.7 \ 88.2$

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

$L=G_d$ Leaf green

$LCH^*_d = 55.6 \ 73.8 \ 152.8$

$LAB^*_d = 55.6 \ -65.6 \ 33.6$

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

$C=C_d$ Cyan blue

$LCH^*_d = 62.8 \ 52.1 \ 234.0$

$LAB^*_d = 62.8 \ -30.5 \ -42.2$

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

$O=R_d$ Orange red

$LCH^*_d = 48.5 \ 77.5 \ 31.3$

$LAB^*_d = 48.5 \ 66.2 \ 40.3$

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

$M=M_d$ Magenta red

$LCH^*_d = 49.6 \ 74.1 \ 352.9$

$LAB^*_d = 49.6 \ 73.5 \ -9.0$

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

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

$LCH^*_d = 27.4 \ 53.8 \ 298.9$

$LAB^*_d = 27.4 \ 26.0 \ -47.1$

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

J_e Yellow

$LCH^*_e = 85.8 \ 83.2 \ 92.0$

$LAB^*_e = 85.8 \ -2.9 \ 83.1$

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

G_e Green

$LCH^*_e = 56.6 \ 65.4 \ 162.0$

$LAB^*_e = 56.6 \ -62.2 \ 20.2$

$rgb^*_e = 0.0 \ 1.0 \ 0.155$

C_e Blue green

$LCH^*_e = 61.1 \ 49.4 \ 217.0$

$LAB^*_e = 61.1 \ -39.4 \ -29.7$

$rgb^*_e = 0.0 \ 1.0 \ 0.789$

B_e Blue

$LCH^*_e = 40.9 \ 45.2 \ 272.0$

$LAB^*_e = 40.9 \ 1.5 \ -45.2$

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

R_e Red

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

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

$rgb^*_e = 1.0 \ 0.0 \ 0.173$

M_e Blue red

$LCH^*_e = 37.6 \ 58.6 \ 329.0$

$LAB^*_e = 37.6 \ 50.3 \ -30.2$

$rgb^*_e = 0.466 \ 0.0 \ 1.0$

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

$LCH^*_s = 83.9 \ 81.1 \ 90.0$

$LAB^*_s = 83.9 \ 0.0 \ 81.1$

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

G_s Green

$LCH^*_s = 57.0 \ 71.9 \ 150.0$

$LAB^*_s = 57.0 \ -62.3 \ 35.9$

$rgb^*_s = 0.047 \ 1.0 \ 0.0$

R_s Red

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

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

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

M_s Blue red

$LCH^*_s = 38.0 \ 59.0 \ 330.0$

$LAB^*_s = 38.0 \ 51.1 \ -29.5$

$rgb^*_s = 0.48 \ 0.0 \ 1.0$

C_s Blue green

$LCH^*_s = 60.5 \ 49.2 \ 210.0$

$LAB^*_s = 60.5 \ -42.6 \ -24.6$

$rgb^*_s = 0.0 \ 1.0 \ 0.709$

B_s Blue

$LCH^*_s = 41.9 \ 45.2 \ 270.0$

$LAB^*_s = 41.9 \ 0.0 \ -45.2$

$rgb^*_s = 0.0 \ 0.412 \ 1.0$

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^*_{de} produce the output of the device-independent elementary hues

See original or copy: <http://web.me.com/klaus.richter/OE38/OE38L0NA.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 ORS41_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: $h_{ab,d} = 31.4, 96.3, 152.9, 234.1, 298.9, 353.0$; 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}											
31.4	30.0	25.5	1.0	0.0	0.0	48.5	66.2	40.4	77.6	31.4	1.0	0.0	0.039	48.6	66.4	38.3	76.7	30	1.0	0.0	0.0	1.0	0.0	0.174	48.8	66.9	31.2	73.8	25	1.0	0.0	0.0	1.0	0.043	0.0	50.0	63.0	42.5	76.0	34	1.0	0.125	0.0						
38.9	37.5	33.8	1.0	0.125	0.0	52.8	56.9	45.9	73.1	38.9	1.0	0.11	0.0	52.3	58.0	45.3	73.7	38	1.0	0.125	0.0	1.0	0.168	0.0	54.5	53.4	48.1	71.8	42	1.0	0.25	0.0	1.0	0.288	0.0	59.3	43.3	53.5	68.9	51	1.0	0.375	0.0						
47.9	45.0	42.2	1.0	0.25	0.0	57.6	46.5	51.5	69.4	47.9	1.0	0.21	0.0	56.1	49.9	49.9	70.6	45	1.0	0.25	0.0	1.0	0.386	0.0	63.5	34.9	58.2	67.8	59	1.0	0.5	0.0	1.0	0.479	0.0	67.8	26.8	63.2	68.6	67	1.0	0.625	0.0						
58.1	52.5	50.5	1.0	0.375	0.0	63.0	35.8	57.5	67.8	58.1	1.0	0.313	0.0	60.3	41.3	54.8	68.6	53	1.0	0.375	0.0	1.0	0.596	0.0	73.2	17.3	69.3	71.5	76	1.0	0.75	0.0	1.0	0.722	0.0	78.9	7.9	75.5	75.9	84	1.0	0.875	0.0						
68.8	60.0	58.9	1.0	0.5	0.0	68.8	24.9	64.1	68.8	68.8	1.0	0.397	0.0	64.0	34.0	58.8	67.9	60	1.0	0.5	0.0	1.0	0.89	0.0	85.8	-2.8	83.2	83.2	92	1.0	1.0	0.0	1.0	0.839	1.0	0.0	85.4	-15.8	81.9	83.5	101	0.875	1.0	0.0					
78.2	67.5	67.2	1.0	0.625	0.0	74.6	14.8	70.7	72.3	78.2	1.0	0.491	0.0	68.4	25.8	63.7	68.7	68	1.0	0.625	0.0	1.0	0.631	1.0	0.0	78.1	-25.1	69.4	73.8	110	0.75	1.0	0.0	1.0	0.467	1.0	0.0	72.1	-33.8	61.1	69.9	119	0.625	1.0	0.0				
85.7	75.0	75.6	1.0	0.75	0.0	80.2	5.8	76.7	77.0	85.7	1.0	0.583	0.0	72.6	18.4	68.7	71.1	75	1.0	0.75	0.0	1.0	0.354	1.0	0.0	67.6	-40.9	54.4	68.1	127	0.5	1.0	0.0	1.0	0.266	1.0	0.0	63.5	-47.5	45.9	66.1	136	0.375	1.0	0.0				
91.4	82.5	84.0	1.0	0.875	0.0	85.2	-1.9	82.5	82.5	91.4	1.0	0.705	0.0	78.2	9.2	74.7	75.3	83	1.0	0.875	0.0	1.0	0.13	1.0	0.0	59.6	-56.2	39.4	68.7	145	0.25	1.0	0.0	1.0	0.0	1.0	0.003	55.7	-65.6	33.5	73.7	153	0.125	1.0	0.0				
96.3	90.0	92.3	1.0	1.0	0.0	90.4	-9.6	88.3	88.8	96.3	1.0	0.844	0.0	83.9	0.0	81.1	81.1	90	1.0	1.0	0.0	0.0	0.0	1.0	0.155	56.7	-62.2	20.2	65.5	162	0.0	1.0	0.0	0.0	0.839	1.0	0.0	85.4	-15.8	81.9	83.5	101	0.875	1.0	0.0				
100.0	97.5	101.1	0.875	1.0	0.0	86.5	-14.5	83.2	84.5	100.0	0.942	1.0	0.0	88.6	-12.0	85.9	86.8	98	0.875	1.0	0.0	0.0	0.0	1.0	0.333	58.1	-56.4	3.9	56.6	176	0.0	1.0	0.25	0.0	0.0	1.0	0.413	58.7	-53.4	-2.7	53.6	183	0.0	1.0	0.37				
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	81.7	-20.4	76.7	79.4	105	0.75	1.0	0.0	0.0	0.0	1.0	0.496	59.3	-50.5	-8.8	51.3	190	0.0	1.0	0.5	0.0	0.0	1.0	0.472	59.1	-51.4	-7.1	52.0	188	0.0	1.0	0.625				
110.3	112.5	118.5	0.625	1.0	0.0	77.9	-25.4	68.9	73.5	110.3	0.574	1.0	0.0	76.0	-28.1	66.5	72.2	113	0.625	1.0	0.0	0.0	0.0	1.0	0.561	59.7	-48.3	-13.8	50.4	196	0.0	1.0	0.625	0.0	0.0	1.0	0.55	59.6	-48.7	-13.0	50.5	195	0.0	1.0	0.75				
116.9	120.0	127.3	0.5	1.0	0.0	73.3	-31.8	62.7	70.4	116.9	0.451	1.0	0.0	71.5	-34.7	60.3	69.6	120	0.5	1.0	0.0	0.0	0.0	1.0	0.636	60.1	-45.4	-19.2	49.5	203	0.0	1.0	0.875	0.0	0.0	1.0	0.71	60.6	-42.5	-24.5	49.2	210	0.0	1.0	0.87				
124.8	127.5	136.0	0.375	1.0	0.0	68.6	-39.0	56.3	68.5	124.8	0.344	1.0	0.0	67.2	-41.7	53.5	67.8	128	0.375	1.0	0.0	0.0	0.0	1.0	0.79	61.2	-39.4	-29.6	49.4	217	0.0	1.0	1.0	0.0	0.0	1.0	0.877	61.8	-35.9	-34.7	50.0	224	0.0	0.875	1.0				
137.6	135.0	144.7	0.25	1.0	0.0	62.8	-48.5	44.3	65.8	137.6	0.276	1.0	0.0	64.0	-46.8	46.9	66.3	135	0.25	1.0	0.0	0.0	0.0	1.0	0.877	61.8	-35.9	-34.7	50.0	224	0.0	0.875	1.0	0.0	0.0	1.0	0.962	62.5	-32.3	-39.9	51.5	231	0.0	0.75	1.0				
145.3	142.5	153.5	0.125	1.0	0.0	59.4	-56.5	39.2	68.9	145.3	0.162	1.0	0.0	60.4	-54.2	40.9	67.9	143	0.125	1.0	0.0	0.0	0.0	1.0	0.914	1.0	60.1	-26.7	-42.7	50.5	238	0.0	0.625	1.0	0.0	0.0	1.0	0.788	1.0	56.1	-21.1	-43.3	48.3	244	0.0	0.5	1.0		
152.9	150.0	162.2	0.0	1.0	0.0	55.7	-65.6	33.7	73.8	152.9	0.047	1.0	0.0	57.1	-62.2	36.0	71.9	150	0.0	1.0	0.0	0.0	0.0	1.0	0.668	1.0	51.9	-15.1	-43.9	46.6	251	0.0	0.375	1.0	0.0	0.0	1.0	0.566	1.0	48.0	-9.4	-44.5	45.6	258	0.0	0.25	1.0		
159.9	157.5	169.1	0.0	1.0	0.125	56.4	-62.9	23.0	67.1	159.9	0.0	1.0	0.091	56.2	-63.8	25.8	68.9	158	0.0	1.0	0.125	0.0	0.0	1.0	0.473	1.0	44.4	-3.8	-44.9	45.2	265	0.0	0.125	1.0	0.0	0.0	1.0	0.388	1.0	41.0	1.6	-45.2	45.3	272	0.0	0.0	1.0		
168.5	165.0	175.9	0.0	1.0	0.25	57.4	-59.2	12.1	60.6	168.5	0.0	1.0	0.199	57.0	-60.9	16.4	63.2	165	0.0	1.0	0.25	0.0	0.0	1.0	0.291	1.0	37.6	7.3	-45.8	46.4	279	0.125	0.0	1.0	0.0	0.0	1.0	0.291	1.0	37.6	7.3	-45.8	46.4	279	0.125	0.0	1.0		
179.8	172.5	182.8	0.0	1.0	0.375	58.4	-54.5	0.2	54.6	179.8	0.0	1.0	0.3	57.8	-57.6	7.1	58.2	173	0.0	1.0	0.375	0.0	0.0	1.0	0.187	1.0	34.2	13.3	-46.3	48.3	286	0.25	0.0	1.0	0.0	0.0	1.0	0.084	1.0	30.6	19.9	-46.9	51.1	293	0.375	0.0	1.0		
190.4	180.0	189.6	0.0	1.0	0.5	59.3	-50.3	-9.1	51.2	190.4	0.0	1.0	0.377	58.4	-54.4	0.0	54.5	180	0.0	1.0	0.5	0.0	0.0	1.0	0.013	0.0	1.0	27.7	27.0	-46.6	54.0	300	0.5	0.0	1.0	0.011	0.0	1.0	29.0	33.6	-42.9	54.6	308	0.625	0.0	1.0			
202.0	187.5	196.4	0.0	1.0	0.625	60.0	-45.8	-18.4	49.5	202.0	0.0	1.0	0.472	59.1	-51.4	-7.1	52.0	188	0.0	1.0	0.625	0.0	0.0	1.0	0.099	0.0	1.0	28.9	32.8	-43.4	54.5	307	0.625	0.0	1.0	0.0	0.0	1.0	0.214	0.0	1.0	30.6	39.1	-39.0	55.4	315	0.75	0.0	1.0
213.8	195.0	203.3	0.0	1.0	0.75	60.9	-40.7	-27.2	49.1	213.8	0.0	1.0	0.55	59.6	-48.7	-13.0	50.5	195	0.0	1.0	0.75	0.0	0.0	1.0	0.0	0.0	1.0	30.4	38.4	-39.6	55.2	314	0.75	0.0	1.0	0.0	0.0	1.0	0.388	0.0	1.0	35.7	45.3	-34.0	56.7	323	0.875	0.0	1.0
223.8	202.5	210.1	0.0	1.0	0.875	61.8	-36.0	-34.5	50.0	223.8	0.0	1.0	0.636	60.1	-45.4	-19.2	49.5	203	0.0	1.0	0.875	0.0	0.0	1.0	0.467	0.0	1.0	37.7	50.3	-30.1	58.7	329	1.0	0.0	1.0	0.0	0.0	1.0	0.467	0.0	1.0	37.7	50.3	-30.1	58.7	329	1.0	0.0	1.0
234.1	210.0	217.0	0.0	1.0	1.0	62.8	-30.5	-42.1	52.1	234.1	0.0	1.0	0.71	60.6	-42.5	-24.5	49.2	210	0.0	1.0	1.0	0.0	0.0	1.0	0.572	0.0	1.0	40.0	56.3	-25.0	61.6	336	1.0	0.0	0.87	0.0	0.0	1.0	0.604	0.0	1.0	40.6	58.0	-23.3	62.6	338	1.0	0.0	0.875
239.8	217.5	223.8	0.0	0.875	1.0	58.9	-24.9	-42.9	49.7	239.8	0.0	1.0	0.802	61.3	-38.9	-30.4	49.5	218	0.0	0.875	1.0	0.0	0.0	1.0	0.739	0.0	1.0	44.4	62.8	-19.1	65.6	343	1.0	0.0	0.75	0.0	0.0	1.0	0.791	0.0	1.0	45.6	64.8	-17.3	67.1	345	1.0	0.0	0.75
245.9	225.0	230.7	0.0	0.75	1.0	54.9	-19.4	-43.4	47.7	245.9	0.0	1.0	0.889	61.9	-35.4	-35.4	50.2	225	0.0	0.75	1.0	0.0	0.0	1.0	0.92	0.0	1.0	48.2	70.2	-12.3	71.3	350	1.0	0.0	0.625	0.0	0.0	1.0	1.0	0.0	0.776	49.4	71.5	0.0	71.5	0	1.0	0.0	0.5
253.7	232.5	237.5	0.0	0.625	1.0	50.2	-12.8	-44.0	46.0	253.7	0.0	1.0	0.987	62.7	-31.1	-41.4	51.9	233	0.0	0.625	1.0	0.0	0.0	1.0	1.0	0.0	0.67	49.4	70.3	4.9	70.5	4	1.0	0.0	0.37	0.0	0.0	1.0	1.0	0.0	0.569	49.2	69.6	9.8	70.3	8	1.0	0.0	0.375
262.8	240.0	244.4	0.0	0.5	1.0	45.5	-5.6	-44.7	45.1	262.8	0.0	0.871	1.0	58.7	-24.7	-42.9	49.7	240	0.0	0.5	1.0	0.0	0.0	1.0	1.0	0.0	0.492	49.0	69.2	13.5	70.5	11	1.0	0.0	0.25	0.0	0.0	1.0	1.0	0.0	0.39	49.1	68.3	18.3	70.7	15	1.0	0.0	0.25
273.0	247.5	251.2	0.0	0.375	1.0	40.5	2.4	-45.1	45.3	273.0	0.0	0.716	1.0	53.6	-17.6	-43.7	47.2	248	0.0	0.375																													

OE380-7N, Page of series 2/20, RX0, D65, XYZnw=3.2, 3.3, 3.5, 86.0, 90.9, 95.7, LAB*_{nw}=21.4, 0.3, 0.7, 96.4, -0.7, 2.2, not adapted

TUB-test chart OE38; 48 and 360 step hue circles, Page 2/20
Data of Offset print ORS41_18_96, separation cmyn6*, D65 and D50

Output: Offset print ORS41_18_96; separation cmyn6*, D65 and D50, page 2/20

input: rgb^*_d set $rgbc_{color}$
output: $cmyn6^*_d = f_6(rgb^*_d)$

TUB registration: 20110301-OE38/OE38L0NA.TXT /PS
application for measurement of printer or monitor systems

TUB material: code=rha4ta

See original or copy: <http://web.me.com/klaus.richter/OE38/OE38L0NA.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 ORS41_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: $h_{ab,d} = 31.4, 96.3, 152.9, 234.1, 298.9, 353.0$; 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}
31	30	25	1.0	0.0	0.011	48.5	66.3	39.8	77.3	31	1.0	0.0	0.017	0.0		
32	31	27	1.0	0.01	0.0	48.9	65.5	40.9	77.2	32	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	0.0	0.033	0.0		
34	33	29	1.0	0.043	0.0	50.0	63.0	42.5	76.0	34	1.0	0.0	0.050	0.0		
35	34	30	1.0	0.06	0.0	50.6	61.8	43.3	75.4	35	1.0	0.0	0.067	0.0		
36	35	31	1.0	0.077	0.0	51.1	60.5	44.0	74.8	36	1.0	0.0	0.083	0.0		
37	36	32	1.0	0.093	0.0	51.7	59.3	44.7	74.2	37	1.0	0.01	0.0	0.0		
38	37	33	1.0	0.11	0.0	52.3	58.0	45.3	73.7	38	1.0	0.027	0.0	0.0		
39	38	34	1.0	0.126	0.0	52.8	56.8	46.0	73.1	39	1.0	0.043	0.0	0.0		
40	39	36	1.0	0.14	0.0	53.4	55.7	46.7	72.7	40	1.0	0.077	0.0	0.0		
41	40	37	1.0	0.154	0.0	53.9	54.5	47.4	72.2	41	1.0	0.093	0.0	0.0		
42	41	38	1.0	0.168	0.0	54.5	53.4	48.1	71.8	42	1.0	0.11	0.0	0.0		
43	42	39	1.0	0.182	0.0	55.0	52.2	48.7	71.4	43	1.0	0.126	0.0	0.0		
44	43	40	1.0	0.196	0.0	55.5	51.1	49.3	71.0	44	1.0	0.14	0.0	0.0		
45	44	41	1.0	0.21	0.0	56.1	49.9	49.9	70.6	45	1.0	0.154	0.0	0.0		
46	45	42	1.0	0.224	0.0	56.6	48.7	50.5	70.2	46	1.0	0.168	0.0	0.0		
47	46	43	1.0	0.237	0.0	57.2	47.6	51.0	69.7	47	1.0	0.182	0.0	0.0		
48	47	44	1.0	0.251	0.0	57.7	46.4	51.5	69.3	48	1.0	0.196	0.0	0.0		
49	48	46	1.0	0.264	0.0	58.2	45.4	52.2	69.2	49	1.0	0.224	0.0	0.0		
50	49	47	1.0	0.276	0.0	58.7	44.4	52.9	69.0	50	1.0	0.237	0.0	0.0		
51	50	48	1.0	0.288	0.0	59.3	43.3	53.5	68.9	51	1.0	0.251	0.0	0.0		
52	51	49	1.0	0.3	0.0	59.8	42.3	54.1	68.7	52	1.0	0.264	0.0	0.0		
53	52	50	1.0	0.313	0.0	60.3	41.3	54.8	68.6	53	1.0	0.276	0.0	0.0		
54	53	51	1.0	0.325	0.0	60.8	40.2	55.3	68.4	54	1.0	0.288	0.0	0.0		
55	54	52	1.0	0.337	0.0	61.4	39.1	55.9	68.2	55	1.0	0.3	0.0	0.0		
56	55	53	1.0	0.349	0.0	61.9	38.1	56.4	68.1	56	1.0	0.313	0.0	0.0		
57	56	54	1.0	0.362	0.0	62.4	37.0	57.0	67.9	57	1.0	0.325	0.0	0.0		
58	57	56	1.0	0.374	0.0	62.9	35.9	57.5	67.8	58	1.0	0.349	0.0	0.0		
59	58	57	1.0	0.386	0.0	63.5	34.9	58.2	67.8	59	1.0	0.362	0.0	0.0		
60	59	58	1.0	0.397	0.0	64.0	34.0	58.8	67.9	60	1.0	0.374	0.0	0.0		
61	60	59	1.0	0.409	0.0	64.6	33.0	59.5	68.0	61	1.0	0.386	0.0	0.0		
62	61	60	1.0	0.421	0.0	65.1	32.0	60.2	68.1	62	1.0	0.397	0.0	0.0		
63	62	61	1.0	0.433	0.0	65.7	31.0	60.8	68.2	63	1.0	0.409	0.0	0.0		
64	63	62	1.0	0.444	0.0	66.2	30.0	61.4	68.3	64	1.0	0.421	0.0	0.0		
65	64	63	1.0	0.456	0.0	66.7	28.9	62.0	68.4	65	1.0	0.433	0.0	0.0		
66	65	64	1.0	0.468	0.0	67.3	27.9	62.6	68.5	66	1.0	0.444	0.0	0.0		
67	66	66	1.0	0.479	0.0	67.8	26.8	63.2	68.6	67	1.0	0.468	0.0	0.0		
68	67	67	1.0	0.491	0.0	68.4	25.8	63.7	68.7	68	1.0	0.479	0.0	0.0		
69	68	68	1.0	0.503	0.0	68.9	24.7	64.3	68.9	69	1.0	0.491	0.0	0.0		
70	69	69	1.0	0.516	0.0	69.5	23.7	65.1	69.3	70	1.0	0.503	0.0	0.0		
71	70	70	1.0	0.53	0.0	70.2	22.7	65.8	69.6	71	1.0	0.516	0.0	0.0		
72	71	71	1.0	0.543	0.0	70.8	21.6	66.6	70.0	72	1.0	0.53	0.0	0.0		
73	72	72	1.0	0.556	0.0	71.4	20.6	67.3	70.4	73	1.0	0.543	0.0	0.0		
74	73	73	1.0	0.569	0.0	72.0	19.5	68.0	70.7	74	1.0	0.556	0.0	0.0		
75	74	74	1.0	0.583	0.0	72.6	18.4	68.7	71.1	75	1.0	0.569	0.0	0.0		
76	75	76	1.0	0.596	0.0	73.2	17.3	69.3	71.5	76	1.0	0.583	0.0	0.0		

OE380-7N, Page of series 3/20, RX0, D65, XYZnw=3.2, 3.3, 3.5, 86.0, 90.9, 95.7, LAB*nw=21.4, 0.3, 0.7, 96.4, -0.7, 2.2, not adapted

Output: Offset print ORS41_18_96; separation cmyn6*, D65 and D50, page 3/20

TUB-test chart OE38; 48 and 360 step hue circles, Page 3/20
Data of Offset print ORS41_18_96, separation cmyn6*, D65 and D50

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

TUB registration: 20110301-OE38/OE38L0NA.TXT /PS
application for measurement of printer or monitor systems

TUB material: code=rha4ta

See original or copy: <http://web.me.com/klaus.richter/OE38/OE38L0NA.TXT> / .PS
Technical information: <http://www.ps.ban.de> or <http://130.149.60.45/~fabdmetrik>

TUB registration: 20110301-OE38/OE38L0NA.TXT/.PS
application for measurement of printer or monitor systems

TUB material: code=rha4ta

Data of Maximum color M in colorimetric system Offset print ORS41_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: $h_{ab,d} = 31.4, 96.3, 152.9, 234.1, 298.9, 353.0$; 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/OE38/OE38L0NA.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 ORS41_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: $h_{ab,d} = 31.4, 96.3, 152.9, 234.1, 298.9, 353.0$; 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^*_d de361Mi	LAB^*_d de361Mix (x=LabCh)	rgb^*_e s50M
121	120	127	0.435 1.0 0.0	70.9 -35.7 59.5 69.4 121	0.451 1.0 0.0	71.5 -34.7 60.3 69.6 120 0.5 1.0 0.0	0.354 1.0 0.0	67.6 -40.9 54.4 68.1 127 0.5 1.0 0.0	0.354 1.0 0.0	67.6 -40.9 54.4 68.1 127 0.5 1.0 0.0
122	121	128	0.42 1.0 0.0	70.3 -36.6 58.7 69.2 122	0.435 1.0 0.0	70.9 -35.7 59.5 69.4 121 0.483 1.0 0.0	0.344 1.0 0.0	67.2 -41.7 53.5 67.8 128 0.483 1.0 0.0	0.344 1.0 0.0	67.2 -41.7 53.5 67.8 128 0.483 1.0 0.0
123	122	130	0.404 1.0 0.0	69.7 -37.5 57.8 69.0 123	0.42 1.0 0.0	70.3 -36.6 58.7 69.2 122 0.467 1.0 0.0	0.324 1.0 0.0	66.3 -43.2 51.6 67.4 130 0.467 1.0 0.0	0.324 1.0 0.0	66.3 -43.2 51.6 67.4 130 0.467 1.0 0.0
124	123	131	0.388 1.0 0.0	69.1 -38.3 57.0 68.7 124	0.404 1.0 0.0	69.7 -37.5 57.8 69.0 123 0.45 1.0 0.0	0.315 1.0 0.0	65.8 -44.0 50.7 67.2 131 0.45 1.0 0.0	0.315 1.0 0.0	65.8 -44.0 50.7 67.2 131 0.45 1.0 0.0
125	124	132	0.373 1.0 0.0	68.6 -39.2 56.1 68.5 125	0.388 1.0 0.0	69.1 -38.3 57.0 68.7 124 0.433 1.0 0.0	0.305 1.0 0.0	65.4 -44.7 49.8 67.0 132 0.433 1.0 0.0	0.305 1.0 0.0	65.4 -44.7 49.8 67.0 132 0.433 1.0 0.0
126	125	133	0.363 1.0 0.0	68.1 -40.0 55.2 68.3 126	0.373 1.0 0.0	68.6 -39.2 56.1 68.5 125 0.417 1.0 0.0	0.295 1.0 0.0	64.9 -45.4 48.8 66.8 133 0.417 1.0 0.0	0.295 1.0 0.0	64.9 -45.4 48.8 66.8 133 0.417 1.0 0.0
127	126	134	0.354 1.0 0.0	67.6 -40.9 54.4 68.1 127	0.363 1.0 0.0	68.1 -40.0 55.2 68.3 126 0.4 1.0 0.0	0.285 1.0 0.0	64.5 -46.1 47.9 66.5 134 0.4 1.0 0.0	0.285 1.0 0.0	64.5 -46.1 47.9 66.5 134 0.4 1.0 0.0
128	127	135	0.344 1.0 0.0	67.2 -41.7 53.5 67.8 128	0.354 1.0 0.0	67.6 -40.9 54.4 68.1 127 0.383 1.0 0.0	0.276 1.0 0.0	64.0 -46.8 46.9 66.3 135 0.383 1.0 0.0	0.276 1.0 0.0	64.0 -46.8 46.9 66.3 135 0.383 1.0 0.0
129	128	137	0.334 1.0 0.0	66.7 -42.5 52.6 67.6 129	0.344 1.0 0.0	67.2 -41.7 53.5 67.8 128 0.367 1.0 0.0	0.256 1.0 0.0	63.1 -48.1 44.9 65.9 137 0.367 1.0 0.0	0.256 1.0 0.0	63.1 -48.1 44.9 65.9 137 0.367 1.0 0.0
130	129	138	0.324 1.0 0.0	66.3 -43.2 51.6 67.4 130	0.334 1.0 0.0	66.7 -42.5 52.6 67.6 129 0.35 1.0 0.0	0.244 1.0 0.0	62.6 -48.9 44.1 65.9 138 0.35 1.0 0.0	0.244 1.0 0.0	62.6 -48.9 44.1 65.9 138 0.35 1.0 0.0
131	130	139	0.315 1.0 0.0	65.8 -44.0 50.7 67.2 131	0.324 1.0 0.0	66.3 -43.2 51.6 67.4 130 0.333 1.0 0.0	0.228 1.0 0.0	62.2 -49.9 43.5 66.3 139 0.333 1.0 0.0	0.228 1.0 0.0	62.2 -49.9 43.5 66.3 139 0.333 1.0 0.0
132	131	140	0.305 1.0 0.0	65.4 -44.7 49.8 67.0 132	0.315 1.0 0.0	65.8 -44.0 50.7 67.2 131 0.317 1.0 0.0	0.211 1.0 0.0	61.8 -51.0 42.9 66.7 140 0.317 1.0 0.0	0.211 1.0 0.0	61.8 -51.0 42.9 66.7 140 0.317 1.0 0.0
133	132	141	0.295 1.0 0.0	64.9 -45.4 48.8 66.8 133	0.305 1.0 0.0	65.4 -44.7 49.8 67.0 132 0.3 1.0 0.0	0.195 1.0 0.0	61.3 -52.1 42.2 67.1 141 0.3 1.0 0.0	0.195 1.0 0.0	61.3 -52.1 42.2 67.1 141 0.3 1.0 0.0
134	133	142	0.285 1.0 0.0	64.5 -46.1 47.9 66.5 134	0.295 1.0 0.0	64.9 -45.4 48.8 66.8 133 0.283 1.0 0.0	0.179 1.0 0.0	60.9 -53.1 41.6 67.5 142 0.283 1.0 0.0	0.179 1.0 0.0	60.9 -53.1 41.6 67.5 142 0.283 1.0 0.0
135	134	144	0.276 1.0 0.0	64.0 -46.8 46.9 66.3 135	0.285 1.0 0.0	64.5 -46.1 47.9 66.5 134 0.267 1.0 0.0	0.146 1.0 0.0	60.0 -55.2 40.2 68.3 144 0.267 1.0 0.0	0.146 1.0 0.0	60.0 -55.2 40.2 68.3 144 0.267 1.0 0.0
136	135	145	0.266 1.0 0.0	63.5 -47.5 45.9 66.1 136	0.276 1.0 0.0	64.0 -46.8 46.9 66.3 135 0.25 1.0 0.0	0.13 1.0 0.0	59.6 -56.2 39.4 68.7 145 0.25 1.0 0.0	0.13 1.0 0.0	59.6 -56.2 39.4 68.7 145 0.25 1.0 0.0
137	136	146	0.256 1.0 0.0	63.1 -48.1 44.9 65.9 137	0.266 1.0 0.0	63.5 -47.5 45.9 66.1 136 0.233 1.0 0.0	0.113 1.0 0.0	59.1 -57.4 38.8 69.3 146 0.233 1.0 0.0	0.113 1.0 0.0	59.1 -57.4 38.8 69.3 146 0.233 1.0 0.0
138	137	147	0.244 1.0 0.0	62.6 -48.9 44.1 65.9 138	0.256 1.0 0.0	63.1 -48.1 44.9 65.9 137 0.217 1.0 0.0	0.097 1.0 0.0	58.6 -58.6 38.1 70.0 147 0.217 1.0 0.0	0.097 1.0 0.0	58.6 -58.6 38.1 70.0 147 0.217 1.0 0.0
139	138	148	0.228 1.0 0.0	62.2 -49.9 43.5 66.3 139	0.244 1.0 0.0	62.6 -48.9 44.1 65.9 138 0.2 1.0 0.0	0.08 1.0 0.0	58.1 -59.8 37.4 70.6 148 0.2 1.0 0.0	0.08 1.0 0.0	58.1 -59.8 37.4 70.6 148 0.2 1.0 0.0
140	139	149	0.211 1.0 0.0	61.8 -51.0 42.9 66.7 140	0.228 1.0 0.0	62.2 -49.9 43.5 66.3 139 0.183 1.0 0.0	0.064 1.0 0.0	57.6 -61.0 36.7 71.3 149 0.183 1.0 0.0	0.064 1.0 0.0	57.6 -61.0 36.7 71.3 149 0.183 1.0 0.0
141	140	151	0.195 1.0 0.0	61.3 -52.1 42.2 67.1 141	0.211 1.0 0.0	61.8 -51.0 42.9 66.7 140 0.167 1.0 0.0	0.031 1.0 0.0	56.6 -63.4 35.2 72.6 151 0.167 1.0 0.0	0.031 1.0 0.0	56.6 -63.4 35.2 72.6 151 0.167 1.0 0.0
142	141	152	0.179 1.0 0.0	60.9 -53.1 41.6 67.5 142	0.195 1.0 0.0	61.3 -52.1 42.2 67.1 141 0.15 1.0 0.0	0.014 1.0 0.0	56.1 -64.6 34.4 73.3 152 0.15 1.0 0.0	0.014 1.0 0.0	56.1 -64.6 34.4 73.3 152 0.15 1.0 0.0
143	142	153	0.162 1.0 0.0	60.4 -54.2 40.9 67.9 143	0.179 1.0 0.0	60.9 -53.1 41.6 67.5 142 0.133 1.0 0.0	0.0 1.0 0.003	55.7 -65.6 33.5 73.7 153 0.133 1.0 0.0	0.0 1.0 0.003	55.7 -65.6 33.5 73.7 153 0.133 1.0 0.0
144	143	154	0.146 1.0 0.0	60.0 -55.2 40.2 68.3 144	0.162 1.0 0.0	60.4 -54.2 40.9 67.9 143 0.117 1.0 0.0	0.0 1.0 0.02	55.8 -65.3 31.9 72.7 154 0.117 1.0 0.0	0.0 1.0 0.02	55.8 -65.3 31.9 72.7 154 0.117 1.0 0.0
145	144	155	0.13 1.0 0.0	59.6 -56.2 39.4 68.7 145	0.146 1.0 0.0	60.0 -55.2 40.2 68.3 144 0.1 1.0 0.0	0.0 1.0 0.038	55.9 -65.0 30.3 71.8 155 0.1 1.0 0.0	0.0 1.0 0.038	55.9 -65.0 30.3 71.8 155 0.1 1.0 0.0
146	145	156	0.113 1.0 0.0	59.1 -57.4 38.8 69.3 146	0.13 1.0 0.0	59.6 -56.2 39.4 68.7 145 0.083 1.0 0.0	0.0 1.0 0.056	56.0 -64.6 28.8 70.8 156 0.083 1.0 0.0	0.0 1.0 0.056	56.0 -64.6 28.8 70.8 156 0.083 1.0 0.0
147	146	158	0.097 1.0 0.0	58.6 -58.6 38.1 70.0 147	0.113 1.0 0.0	59.1 -57.4 38.8 69.3 146 0.067 1.0 0.0	0.0 1.0 0.091	56.2 -63.8 25.8 68.9 158 0.067 1.0 0.0	0.0 1.0 0.091	56.2 -63.8 25.8 68.9 158 0.067 1.0 0.0
148	147	159	0.08 1.0 0.0	58.1 -59.8 37.4 70.6 148	0.097 1.0 0.0	58.6 -58.6 38.1 70.0 147 0.05 1.0 0.0	0.0 1.0 0.109	56.3 -63.4 24.4 68.0 159 0.05 1.0 0.0	0.0 1.0 0.109	56.3 -63.4 24.4 68.0 159 0.05 1.0 0.0
149	148	160	0.064 1.0 0.0	57.6 -61.0 36.7 71.3 149	0.08 1.0 0.0	58.1 -59.8 37.4 70.6 148 0.033 1.0 0.0	0.0 1.0 0.126	56.5 -62.9 22.9 67.0 160 0.033 1.0 0.0	0.0 1.0 0.126	56.5 -62.9 22.9 67.0 160 0.033 1.0 0.0
150	149	161	0.047 1.0 0.0	57.1 -62.2 36.0 71.9 150	0.064 1.0 0.0	57.6 -61.0 36.7 71.3 149 0.017 1.0 0.0	0.0 1.0 0.141	56.6 -62.6 21.6 66.3 161 0.017 1.0 0.0	0.0 1.0 0.141	56.6 -62.6 21.6 66.3 161 0.017 1.0 0.0
151	150	162	0.031 1.0 0.0	56.6 -63.4 35.2 72.6 151	0.047 1.0 0.0	57.1 -62.2 36.0 71.9 150 0.0 1.0 0.006	0.0 1.0 0.155	56.7 -62.2 20.2 65.5 162 0.0 1.0 0.006	0.0 1.0 0.155	56.7 -62.2 20.2 65.5 162 0.0 1.0 0.006
152	151	163	0.014 1.0 0.0	56.1 -64.6 34.4 73.3 152	0.031 1.0 0.0	56.6 -63.4 35.2 72.6 151 0.0 1.0 0.017	0.0 1.0 0.17	56.8 -61.8 18.9 64.7 163 0.0 1.0 0.017	0.0 1.0 0.17	56.8 -61.8 18.9 64.7 163 0.0 1.0 0.017
153	152	164	0.0 1.0 0.003	55.7 -65.6 33.5 73.7 153	0.014 1.0 0.0	56.1 -64.6 34.4 73.3 152 0.0 1.0 0.033	0.0 1.0 0.185	56.9 -61.4 17.6 64.0 164 0.0 1.0 0.033	0.0 1.0 0.185	56.9 -61.4 17.6 64.0 164 0.0 1.0 0.033
154	153	165	0.0 1.0 0.02	55.8 -65.3 31.9 72.7 154	0.0 1.0 0.003	55.7 -65.6 33.5 73.7 153 0.0 1.0 0.05	0.0 1.0 0.199	57.0 -60.9 16.4 63.2 165 0.0 1.0 0.05	0.0 1.0 0.199	57.0 -60.9 16.4 63.2 165 0.0 1.0 0.05
155	154	166	0.0 1.0 0.038	55.9 -65.0 30.3 71.8 155	0.0 1.0 0.02	55.8 -65.3 31.9 72.7 154 0.0 1.0 0.067	0.0 1.0 0.214	57.1 -60.5 15.1 62.4 166 0.0 1.0 0.067	0.0 1.0 0.214	57.1 -60.5 15.1 62.4 166 0.0 1.0 0.067
156	155	167	0.0 1.0 0.056	56.0 -64.6 28.8 70.8 156	0.0 1.0 0.038	55.9 -65.0 30.3 71.8 155 0.0 1.0 0.083	0.0 1.0 0.229	57.3 -60.0 13.9 61.7 167 0.0 1.0 0.083	0.0 1.0 0.229	57.3 -60.0 13.9 61.7 167 0.0 1.0 0.083
157	156	168	0.0 1.0 0.073	56.1 -64.2 27.3 69.9 157	0.0 1.0 0.056	56.0 -64.6 28.8 70.8 156 0.0 1.0 0.1	0.0 1.0 0.243	57.4 -59.5 12.7 60.9 168 0.0 1.0 0.1	0.0 1.0 0.243	57.4 -59.5 12.7 60.9 168 0.0 1.0 0.1
158	157	169	0.0 1.0 0.091	56.2 -63.8 25.8 68.9 158	0.0 1.0 0.073	56.1 -64.2 27.3 69.9 157 0.0 1.0 0.117	0.0 1.0 0.256	57.5 -59.1 11.5 60.3 169 0.0 1.0 0.117	0.0 1.0 0.256	57.5 -59.1 11.5 60.3 169 0.0 1.0 0.117
159	158	170	0.0 1.0 0.109	56.3 -63.4 24.4 68.0 159	0.0 1.0 0.091	56.2 -63.8 25.8 68.9 158 0.0 1.0 0.133	0.0 1.0 0.267	57.6 -58.7 10.4 59.7 170 0.0 1.0 0.133	0.0 1.0 0.267	57.6 -58.7 10.4 59.7 170 0.0 1.0 0.133
160	159	170	0.0 1.0 0.126	56.5 -62.9 22.9 67.0 160	0.0 1.0 0.109	56.3 -63.4 24.4 68.0 159 0.0 1.0 0.15	0.0 1.0 0.267	57.6 -58.7 10.4 59.7 170 0.0 1.0 0.15	0.0 1.0 0.267	57.6 -58.7 10.4 59.7 170 0.0 1.0 0.15
161	160	171	0.0 1.0 0.141	56.6 -62.6 21.6 66.3 161	0.0 1.0 0.126	56.5 -62.9 22.9 67.0 160 0.0 1.0 0.167	0.0 1.0 0.278	57.6 -58.4 9.3 59.2 171 0.0 1.0 0.167	0.0 1.0 0.278	57.6 -58.4 9.3 59.2 171 0.0 1.0 0.167
162	161	172	0.0 1.0 0.155	56.7 -62.2 20.2 65.5 162	0.0 1.0 0.141	56.6 -62.6 21.6 66.3 161 0.0 1.0 0.183	0.0 1.0 0.289	57.7 -58.0 8.2 58.7 172 0.0 1.0 0.183	0.0 1.0 0.289	57.7 -58.0 8.2 58.7 172 0.0 1.0 0.183
163	162	173	0.0 1.0 0.17	56.8 -61.8 18.9 64.7 163	0.0 1.0 0.155	56.7 -62.2 20.2 65.5 162 0.0 1.0 0.2	0.0 1.0 0.3	57.8 -57.6 7.1 58.2 173 0.0 1.0 0.2	0.0 1.0 0.3	57.8 -57.6 7.1 58.2 173 0.0 1.0 0.2
164	163	174	0.0 1.0 0.185	56.9 -61.4 17.6 64.0 164	0.0 1.0 0.17	56.8 -61.8 18.9 64.7 163 0.0 1.0 0.217	0.0 1.0 0.311	57.9 -57.2 6.0 57.6 174 0.0 1.0 0.217	0.0 1.0 0.311	57.9 -57.2 6.0 57.6 174 0.0 1.0 0.217
165	164	175	0.0 1.0 0.199	57.0 -60.9 16.4 63.2 165	0.0 1.0 0.185	56.9 -61.4 17.6 64.0 164 0.0 1.0 0.233	0.0 1.0 0.322	58.0 -56.8 5.0 57.1 175 0.0 1.0 0.233	0.0 1.0 0.322	58.0 -56.8 5.0 57.1 175 0.0 1.0 0.233
166	165	176	0.0 1.0 0.214	57.1 -60.5 15.1 62.4 166	0.0 1.0 0.199	57.0 -60.9 16.4 63.2 165 0.0 1.0 0.25	0.0 1.0 0.333	58.1 -56.4 3.9 56.6 176 0.0 1.0 0.25	0.0 1.0 0.333	58.1 -56.4 3.9 56.6 176 0.0 1.0 0.25

OE380-7N, Page of series 5/20, RX0, D6

See original or copy: <http://web.me.com/klaus.richter/OE38/OE38L0NA.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 ORS41_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: $h_{ab,d} = 31.4, 96.3, 152.9, 234.1, 298.9, 353.0$; 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}										
166	165	176	0.0	1.0 0.214 57.1	-60.5 15.1 62.4	166	0.0	1.0 0.233 58.1	-56.4 3.9 56.6	176	0.0	1.0 0.25											
167	166	177	0.0	1.0 0.229 57.3	-60.0 13.9 61.7	167	0.0	1.0 0.344 58.2	-55.9 2.9 56.1	177	0.0	1.0 0.267											
168	167	178	0.0	1.0 0.243 57.4	-59.5 12.7 60.9	168	0.0	1.0 0.355 58.2	-55.4 1.9 55.5	178	0.0	1.0 0.283											
169	168	179	0.0	1.0 0.256 57.5	-59.1 11.5 60.3	169	0.0	1.0 0.366 58.3	-54.9 1.0 55.0	179	0.0	1.0 0.3											
170	169	180	0.0	1.0 0.267 57.6	-58.7 10.4 59.7	170	0.0	1.0 0.377 58.4	-54.4 0.0 54.5	180	0.0	1.0 0.317											
171	170	180	0.0	1.0 0.278 57.6	-58.4 9.3 59.2	171	0.0	1.0 0.377 58.4	-54.4 0.0 54.5	180	0.0	1.0 0.333											
172	171	181	0.0	1.0 0.289 57.7	-58.0 8.2 58.7	172	0.0	1.0 0.389 58.5	-54.1 -0.8 54.2	181	0.0	1.0 0.35											
173	172	182	0.0	1.0 0.3 57.8	-57.6 7.1 58.2	173	0.0	1.0 0.401 58.6	-53.8 -1.8 53.9	182	0.0	1.0 0.367											
174	173	183	0.0	1.0 0.311 57.9	-57.2 6.0 57.6	174	0.0	1.0 0.413 58.7	-53.4 -2.7 53.6	183	0.0	1.0 0.383											
175	174	184	0.0	1.0 0.322 58.0	-56.8 5.0 57.1	175	0.0	1.0 0.425 58.8	-53.0 -3.6 53.3	184	0.0	1.0 0.4											
176	175	185	0.0	1.0 0.333 58.1	-56.4 3.9 56.6	176	0.0	1.0 0.436 58.9	-52.6 -4.5 52.9	185	0.0	1.0 0.417											
177	176	186	0.0	1.0 0.344 58.2	-55.9 2.9 56.1	177	0.0	1.0 0.448 58.9	-52.2 -5.4 52.6	186	0.0	1.0 0.433											
178	177	187	0.0	1.0 0.355 58.2	-55.4 1.9 55.5	178	0.0	1.0 0.46 59.0	-51.8 -6.3 52.3	187	0.0	1.0 0.45											
179	178	188	0.0	1.0 0.366 58.3	-54.9 1.0 55.0	179	0.0	1.0 0.472 59.1	-51.4 -7.1 52.0	188	0.0	1.0 0.467											
180	179	189	0.0	1.0 0.377 58.4	-54.4 0.0 54.5	180	0.0	1.0 0.484 59.2	-50.9 -8.0 51.7	189	0.0	1.0 0.483											
181	180	190	0.0	1.0 0.389 58.5	-54.1 -0.8 54.2	181	0.0	1.0 0.496 59.3	-50.5 -8.8 51.3	190	0.0	1.0 0.5											
182	181	191	0.0	1.0 0.401 58.6	-53.8 -1.8 53.9	182	0.0	1.0 0.507 59.4	-50.1 -9.7 51.1	191	0.0	1.0 0.517											
183	182	191	0.0	1.0 0.413 58.7	-53.4 -2.7 53.6	183	0.0	1.0 0.507 59.4	-50.1 -9.7 51.1	191	0.0	1.0 0.533											
184	183	192	0.0	1.0 0.425 58.8	-53.0 -3.6 53.3	184	0.0	1.0 0.518 59.4	-49.8 -10.5 51.0	192	0.0	1.0 0.55											
185	184	193	0.0	1.0 0.436 58.9	-52.6 -4.5 52.9	185	0.0	1.0 0.528 59.5	-49.4 -11.3 50.8	193	0.0	1.0 0.567											
186	185	194	0.0	1.0 0.448 58.9	-52.2 -5.4 52.6	186	0.0	1.0 0.539 59.6	-49.1 -12.2 50.7	194	0.0	1.0 0.583											
187	186	195	0.0	1.0 0.46 59.0	-51.8 -6.3 52.3	187	0.0	1.0 0.55 59.6	-48.7 -13.0 50.5	195	0.0	1.0 0.6											
188	187	196	0.0	1.0 0.472 59.1	-51.4 -7.1 52.0	188	0.0	1.0 0.561 59.7	-48.3 -13.8 50.4	196	0.0	1.0 0.617											
189	188	197	0.0	1.0 0.484 59.2	-50.9 -8.0 51.7	189	0.0	1.0 0.571 59.7	-47.9 -14.6 50.2	197	0.0	1.0 0.633											
190	189	198	0.0	1.0 0.496 59.3	-50.5 -8.8 51.3	190	0.0	1.0 0.582 59.8	-47.5 -15.4 50.1	198	0.0	1.0 0.65											
191	190	199	0.0	1.0 0.507 59.4	-50.1 -9.7 51.1	191	0.0	1.0 0.593 59.9	-47.1 -16.2 49.9	199	0.0	1.0 0.667											
192	191	200	0.0	1.0 0.518 59.4	-49.8 -10.5 51.0	192	0.0	1.0 0.604 59.9	-46.7 -16.9 49.8	200	0.0	1.0 0.683											
193	192	201	0.0	1.0 0.528 59.5	-49.4 -11.3 50.8	193	0.0	1.0 0.615 60.0	-46.2 -17.7 49.6	201	0.0	1.0 0.7											
194	193	201	0.0	1.0 0.539 59.6	-49.1 -12.2 50.7	194	0.0	1.0 0.615 60.0	-46.2 -17.7 49.6	201	0.0	1.0 0.717											
195	194	202	0.0	1.0 0.55 59.6	-48.7 -13.0 50.5	195	0.0	1.0 0.625 60.0	-45.8 -18.4 49.5	202	0.0	1.0 0.733											
196	195	203	0.0	1.0 0.561 59.7	-48.3 -13.8 50.4	196	0.0	1.0 0.636 60.1	-45.4 -19.2 49.5	203	0.0	1.0 0.75											
197	196	204	0.0	1.0 0.571 59.7	-47.9 -14.6 50.2	197	0.0	1.0 0.647 60.2	-45.1 -20.0 49.4	204	0.0	1.0 0.767											
198	197	205	0.0	1.0 0.582 59.8	-47.5 -15.4 50.1	198	0.0	1.0 0.657 60.2	-44.7 -20.8 49.4	205	0.0	1.0 0.783											
199	198	206	0.0	1.0 0.593 59.9	-47.1 -16.2 49.9	199	0.0	1.0 0.668 60.3	-44.3 -21.5 49.4	206	0.0	1.0 0.8											
200	199	207	0.0	1.0 0.604 59.9	-46.7 -16.9 49.8	200	0.0	1.0 0.678 60.4	-43.9 -22.3 49.3	207	0.0	1.0 0.817											
201	200	208	0.0	1.0 0.615 60.0	-46.2 -17.7 49.6	201	0.0	1.0 0.689 60.5	-43.4 -23.0 49.3	208	0.0	1.0 0.833											
202	201	209	0.0	1.0 0.625 60.0	-45.8 -18.4 49.5	202	0.0	1.0 0.699 60.5	-43.0 -23.8 49.3	209	0.0	1.0 0.85											
203	202	210	0.0	1.0 0.636 60.1	-45.4 -19.2 49.5	203	0.0	1.0 0.71 60.6	-42.5 -24.5 49.2	210	0.0	1.0 0.867											
204	203	211	0.0	1.0 0.647 60.2	-45.1 -20.0 49.4	204	0.0	1.0 0.72 60.7	-42.1 -25.2 49.2	211	0.0	1.0 0.883											
205	204	212	0.0	1.0 0.657 60.2	-44.7 -20.8 49.4	205	0.0	1.0 0.731 60.7	-41.6 -26.0 49.2	212	0.0	1.0 0.9											
206	205	212	0.0	1.0 0.668 60.3	-44.3 -21.5 49.4	206	0.0	1.0 0.731 60.7	-41.6 -26.0 49.2	212	0.0	1.0 0.917											
207	206	213	0.0	1.0 0.678 60.4	-43.9 -22.3 49.3	207	0.0	1.0 0.741 60.8	-41.1 -26.7 49.1	213	0.0	1.0 0.933											
208	207	214	0.0	1.0 0.689 60.5	-43.4 -23.0 49.3	208	0.0	1.0 0.752 60.9	-40.6 -27.4 49.1	214	0.0	1.0 0.95											
209	208	215	0.0	1.0 0.699 60.5	-43.0 -23.8 49.3	209	0.0	1.0 0.765 61.0	-40.2 -28.1 49.2	215	0.0	1.0 0.967											
210	209	216	0.0	1.0 0.71 60.6	-42.5 -24.5 49.2	210	0.0	1.0 0.777 61.1	-39.8 -28.9 49.3	216	0.0	1.0 0.983											
211	210	217	0.0	1.0 0.72 60.7	-42.1 -25.2 49.2	211	0.0	1.0 0.79 61.2	-39.4 -29.6 49.4	217	0.0	1.0 1.0C _e											

OE380-7N, Page of series 6/20, RX0, D65, XYZnw=3.2, 3.3, 3.5, 86.0, 90.9, 95.7, LAB*nw=21.4, 0.3, 0.7, 96.4, -0.7, 2.2, not adapted

Output: Offset print ORS41_18_96; separation cmyn6*, D65 and D50, page 6/20

TUB-test chart OE38; 48 and 360 step hue circles, Page 6/20
Data of Offset print ORS41_18_96, separation cmyn6*, D65 and D50

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

TUB registration: 20110301-OE38/OE38L0NA.TXT /PS
application for measurement of printer or monitor systems

TUB material: code=rha4ta

See original or copy: <http://web.me.com/klaus.richter/OE38/OE38L0NA.TXT> / .PS
 Technical information: <http://www.ps.ban.de> or <http://130.149.60.45/~fabdmetrik>

TUB registration: 20110301-OE38/OE38L0NA.TXT/.PS
application for measurement of printer or monitor systems

TUB material: code=rha4ta

Data of Maximum color M in colorimetric system Offset print ORS41_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 : $h_{ab,d} = 31.4, 96.3, 152.9, 234.1, 298.9, 353.0$; 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/OE38/OE38L0NA.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 ORS41_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: $h_{ab,d} = 31.4, 96.3, 152.9, 234.1, 298.9, 353.0$; Six hue angles of the elementary colours e: $h_{ab,e} = 25.5, 92.3, 162.2, 217.0, 271.7, 328.6$

Lab,d	h _{ab,s}	h _{ab,e}	rgb* _d	rgb* _s	rgb* _e	LAB* _d	LAB* _s	LAB* _e	rgb* _d	rgb* _s	rgb* _e	LAB* _d	LAB* _s	LAB* _e	rgb* _d	rgb* _s	rgb* _e	LAB* _d	LAB* _s	LAB* _e	rgb* _d	rgb* _s	rgb* _e	LAB* _d	LAB* _s	LAB* _e	rgb* _d	rgb* _s	rgb* _e	LAB* _d	LAB* _s	LAB* _e	rgb* _d	rgb* _s	rgb* _e	LAB* _d	LAB* _s	LAB* _e					
256	255	258	0.0	0.594	1.0	49.0	-11.0	-44.3	45.8	256	0.0	0.607	1.0	49.6	-11.8	-44.2	45.8	255	0.0	0.25	1.0	0.0	0.566	1.0	48.0	-9.4	-44.5	45.6	258	0.0	0.25	1.0	0.0	0.566	1.0	48.0	-9.4	-44.5	45.6	258	0.0	0.25	1.0
257	256	259	0.0	0.58	1.0	48.5	-10.2	-44.4	45.7	257	0.0	0.594	1.0	49.0	-11.0	-44.3	45.8	256	0.0	0.233	1.0	0.0	0.552	1.0	47.5	-8.6	-44.6	45.5	259	0.0	0.233	1.0	0.0	0.552	1.0	47.5	-8.6	-44.6	45.5	259	0.0	0.233	1.0
258	257	260	0.0	0.566	1.0	48.0	-9.4	-44.5	45.6	258	0.0	0.58	1.0	48.5	-10.2	-44.4	45.7	257	0.0	0.217	1.0	0.0	0.539	1.0	46.9	-7.8	-44.6	45.4	260	0.0	0.217	1.0	0.0	0.539	1.0	46.9	-7.8	-44.6	45.4	260	0.0	0.217	1.0
259	258	261	0.0	0.552	1.0	47.5	-8.6	-44.6	45.5	259	0.0	0.566	1.0	48.0	-9.4	-44.5	45.6	258	0.0	0.2	1.0	0.0	0.525	1.0	46.4	-7.0	-44.7	45.3	261	0.0	0.2	1.0	0.0	0.525	1.0	46.4	-7.0	-44.7	45.3	261	0.0	0.2	1.0
260	259	262	0.0	0.539	1.0	46.9	-7.8	-44.6	45.4	260	0.0	0.552	1.0	47.5	-8.6	-44.6	45.5	259	0.0	0.183	1.0	0.0	0.511	1.0	45.9	-6.2	-44.7	45.2	262	0.0	0.183	1.0	0.0	0.511	1.0	45.9	-6.2	-44.7	45.2	262	0.0	0.183	1.0
261	260	263	0.0	0.525	1.0	46.4	-7.0	-44.7	45.3	261	0.0	0.539	1.0	46.9	-7.8	-44.6	45.4	260	0.0	0.167	1.0	0.0	0.498	1.0	45.4	-5.4	-44.7	45.2	263	0.0	0.167	1.0	0.0	0.498	1.0	45.4	-5.4	-44.7	45.2	263	0.0	0.167	1.0
262	261	264	0.0	0.511	1.0	45.9	-6.2	-44.7	45.2	262	0.0	0.525	1.0	46.4	-7.0	-44.7	45.3	261	0.0	0.15	1.0	0.0	0.485	1.0	44.9	-4.6	-44.8	45.2	264	0.0	0.15	1.0	0.0	0.485	1.0	44.9	-4.6	-44.8	45.2	264	0.0	0.15	1.0
263	262	264	0.0	0.498	1.0	45.4	-5.4	-44.7	45.2	263	0.0	0.511	1.0	45.9	-6.2	-44.7	45.2	262	0.0	0.133	1.0	0.0	0.485	1.0	44.9	-4.6	-44.8	45.2	264	0.0	0.133	1.0	0.0	0.485	1.0	44.9	-4.6	-44.8	45.2	264	0.0	0.133	1.0
264	263	265	0.0	0.485	1.0	44.9	-4.6	-44.8	45.2	264	0.0	0.498	1.0	45.4	-5.4	-44.7	45.2	263	0.0	0.117	1.0	0.0	0.473	1.0	44.4	-3.8	-44.9	45.2	265	0.0	0.117	1.0	0.0	0.473	1.0	44.4	-3.8	-44.9	45.2	265	0.0	0.117	1.0
265	264	266	0.0	0.473	1.0	44.4	-3.8	-44.9	45.2	265	0.0	0.485	1.0	44.9	-4.6	-44.8	45.2	264	0.0	0.1	1.0	0.0	0.461	1.0	43.9	-3.1	-45.0	45.2	266	0.0	0.1	1.0	0.0	0.461	1.0	43.9	-3.1	-45.0	45.2	266	0.0	0.1	1.0
266	265	267	0.0	0.461	1.0	43.9	-3.1	-45.0	45.2	266	0.0	0.473	1.0	44.4	-3.8	-44.9	45.2	265	0.0	0.083	1.0	0.0	0.449	1.0	43.4	-2.3	-45.1	45.2	267	0.0	0.083	1.0	0.0	0.449	1.0	43.4	-2.3	-45.1	45.2	267	0.0	0.083	1.0
267	266	268	0.0	0.449	1.0	43.4	-2.3	-45.1	45.2	267	0.0	0.461	1.0	43.9	-3.1	-45.0	45.2	266	0.0	0.067	1.0	0.0	0.436	1.0	42.9	-1.5	-45.1	45.2	268	0.0	0.067	1.0	0.0	0.436	1.0	42.9	-1.5	-45.1	45.2	268	0.0	0.067	1.0
268	267	269	0.0	0.436	1.0	42.9	-1.5	-45.1	45.2	268	0.0	0.449	1.0	43.4	-2.3	-45.1	45.2	267	0.0	0.05	1.0	0.0	0.424	1.0	42.4	-0.7	-45.1	45.2	269	0.0	0.05	1.0	0.0	0.424	1.0	42.4	-0.7	-45.1	45.2	269	0.0	0.05	1.0
269	268	270	0.0	0.424	1.0	42.4	-0.7	-45.1	45.2	269	0.0	0.436	1.0	42.9	-1.5	-45.1	45.2	268	0.0	0.033	1.0	0.0	0.412	1.0	42.0	0.0	-45.2	45.3	270	0.0	0.033	1.0	0.0	0.412	1.0	42.0	0.0	-45.2	45.3	270	0.0	0.033	1.0
270	269	271	0.0	0.412	1.0	42.0	0.0	-45.2	45.3	270	0.0	0.424	1.0	42.4	-0.7	-45.1	45.2	269	0.0	0.017	1.0	0.0	0.4	1.0	41.5	0.8	-45.2	45.3	271	0.0	0.017	1.0	0.0	0.4	1.0	41.5	0.8	-45.2	45.3	271	0.0	0.017	1.0
271	270	272	0.0	0.4	1.0	41.5	0.8	-45.2	45.3	271	0.0	0.412	1.0	42.0	0.0	-45.2	45.3	270	0.0	0.0	1.0B _s	0.0	0.388	1.0	41.0	1.6	-45.2	45.3	272	0.0	0.0	1.0B _e	0.0	0.388	1.0	41.0	1.6	-45.2	45.3	272	0.0	0.0	1.0B _e
272	271	273	0.0	0.388	1.0	41.0	1.6	-45.2	45.3	272	0.0	0.4	1.0	41.5	0.8	-45.2	45.3	271	0.017	0.0	1.0	0.0	0.375	1.0	40.5	2.4	-45.1	45.3	273	0.017	0.0	1.0	0.0	0.375	1.0	40.5	2.4	-45.1	45.3	273	0.017	0.0	1.0
273	272	274	0.0	0.375	1.0	40.5	2.4	-45.1	45.3	273	0.0	0.388	1.0	41.0	1.6	-45.2	45.3	272	0.033	0.0	1.0	0.0	0.361	1.0	40.0	3.2	-45.3	45.5	274	0.033	0.0	1.0	0.0	0.361	1.0	40.0	3.2	-45.3	45.5	274	0.033	0.0	1.0
274	273	275	0.0	0.361	1.0	40.0	3.2	-45.3	45.5	274	0.0	0.375	1.0	40.5	2.4	-45.1	45.3	273	0.05	0.0	1.0	0.0	0.347	1.0	39.5	4.0	-45.4	45.7	275	0.05	0.0	1.0	0.0	0.347	1.0	39.5	4.0	-45.4	45.7	275	0.05	0.0	1.0
275	274	276	0.0	0.347	1.0	39.5	4.0	-45.4	45.7	275	0.0	0.361	1.0	40.0	3.2	-45.3	45.5	274	0.067	0.0	1.0	0.0	0.333	1.0	39.0	4.8	-45.5	45.9	276	0.067	0.0	1.0	0.0	0.333	1.0	39.0	4.8	-45.5	45.9	276	0.067	0.0	1.0
276	275	276	0.0	0.333	1.0	39.0	4.8	-45.5	45.9	276	0.0	0.347	1.0	39.5	4.0	-45.4	45.7	275	0.083	0.0	1.0	0.0	0.333	1.0	39.0	4.8	-45.5	45.9	277	0.083	0.0	1.0	0.0	0.333	1.0	39.0	4.8	-45.5	45.9	277	0.083	0.0	1.0
277	276	277	0.0	0.319	1.0	38.6	5.6	-45.6	46.0	277	0.0	0.333	1.0	39.0	4.8	-45.5	45.9	276	0.1	0.0	1.0	0.0	0.319	1.0	38.6	5.6	-45.6	46.0	278	0.1	0.0	1.0	0.0	0.319	1.0	38.6	5.6	-45.6	46.0	278	0.1	0.0	1.0
278	277	278	0.0	0.305	1.0	38.1	6.4	-45.7	46.2	278	0.0	0.319	1.0	38.6	5.6	-45.6	46.0	277	0.117	0.0	1.0	0.0	0.305	1.0	38.1	6.4	-45.7	46.2	279	0.117	0.0	1.0	0.0	0.305	1.0	38.1	6.4	-45.7	46.2	279	0.117	0.0	1.0
279	278	279	0.0	0.291	1.0	37.6	7.3	-45.8	46.4	279	0.0	0.305	1.0	38.1	6.4	-45.7	46.2	278	0.133	0.0	1.0	0.0	0.291	1.0	37.6	7.3	-45.8	46.4	280	0.133	0.0	1.0	0.0	0.291	1.0	37.6	7.3	-45.8	46.4	280	0.133	0.0	1.0
280	279	280	0.0	0.276	1.0	37.1	8.1	-45.8	46.6	280	0.0	0.291	1.0	37.6	7.3	-45.8	46.4	279	0.15	0.0	1.0	0.0	0.276	1.0	37.1	8.1	-45.8	46.6	281	0.15	0.0	1.0	0.0	0.276	1.0	37.1	8.1	-45.8	46.6	281	0.15	0.0	1.0
281	280	281	0.0	0.262	1.0	36.6	8.9	-45.8	46.8	281	0.0	0.276	1.0	37.1	8.1	-45.8	46.6	280	0.167	0.0	1.0	0.0	0.262	1.0	36.6	8.9	-45.8	46.8	282	0.167	0.0	1.0	0.0	0.262	1.0	36.6	8.9	-45.8	46.8	282	0.16		

See original or copy: <http://web.me.com/klaus.richter/OE38/OE38L0NA.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 ORS41_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: $h_{ab,d} = 31.4, 96.3, 152.9, 234.1, 298.9, 353.0$; 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^*_o s50M							rgb^*_d de361Mi							LAB^*_d de361Mix (x=LabCh)							rgb^*_o e50M							rgb^*_d	rgb^*_s	rgb^*_o
301	300	300	0.025	0.0	1.0	27.9	27.8	-46.2	54.1	301	0.013	0.0	1.0	27.7	27.0	-46.6	54.0	300	0.5	0.0	1.0	0.013	0.0	1.0	27.7	27.0	-46.6	54.0	300	0.5	0.0	1.0	0.013	0.0	1.0	27.7	27.0	-46.6	54.0	300	0.5	0.0	1.0																		
302	301	301	0.038	0.0	1.0	28.0	28.7	-45.8	54.1	302	0.025	0.0	1.0	27.9	27.8	-46.2	54.1	301	0.517	0.0	1.0	0.025	0.0	1.0	27.9	27.8	-46.2	54.1	301	0.517	0.0	1.0	0.025	0.0	1.0	27.9	27.8	-46.2	54.1	301	0.517	0.0	1.0																		
303	302	302	0.05	0.0	1.0	28.2	29.5	-45.4	54.2	303	0.038	0.0	1.0	28.0	28.7	-45.8	54.1	302	0.533	0.0	1.0	0.038	0.0	1.0	28.0	28.7	-45.8	54.1	302	0.533	0.0	1.0	0.038	0.0	1.0	28.0	28.7	-45.8	54.1	302	0.533	0.0	1.0																		
304	303	303	0.062	0.0	1.0	28.4	30.4	-44.9	54.3	304	0.05	0.0	1.0	28.2	29.5	-45.4	54.2	303	0.55	0.0	1.0	0.05	0.0	1.0	28.2	29.5	-45.4	54.2	303	0.55	0.0	1.0	0.05	0.0	1.0	28.2	29.5	-45.4	54.2	303	0.55	0.0	1.0																		
305	304	304	0.075	0.0	1.0	28.5	31.2	-44.4	54.4	305	0.062	0.0	1.0	28.4	30.4	-44.9	54.3	304	0.567	0.0	1.0	0.062	0.0	1.0	28.4	30.4	-44.9	54.3	304	0.567	0.0	1.0	0.062	0.0	1.0	28.4	30.4	-44.9	54.3	304	0.567	0.0	1.0																		
306	305	305	0.087	0.0	1.0	28.7	32.0	-43.9	54.4	306	0.075	0.0	1.0	28.5	31.2	-44.4	54.4	305	0.583	0.0	1.0	0.075	0.0	1.0	28.5	31.2	-44.4	54.4	305	0.583	0.0	1.0	0.075	0.0	1.0	28.5	31.2	-44.4	54.4	305	0.583	0.0	1.0																		
307	306	306	0.099	0.0	1.0	28.9	32.8	-43.4	54.5	307	0.087	0.0	1.0	28.7	32.0	-43.9	54.4	306	0.6	0.0	1.0	0.087	0.0	1.0	28.7	32.0	-43.9	54.4	306	0.6	0.0	1.0	0.087	0.0	1.0	28.7	32.0	-43.9	54.4	306	0.6	0.0	1.0																		
308	307	307	0.111	0.0	1.0	29.0	33.6	-42.9	54.6	308	0.099	0.0	1.0	28.9	32.8	-43.4	54.5	307	0.617	0.0	1.0	0.099	0.0	1.0	28.9	32.8	-43.4	54.5	307	0.617	0.0	1.0	0.099	0.0	1.0	28.9	32.8	-43.4	54.5	307	0.617	0.0	1.0																		
309	308	308	0.124	0.0	1.0	29.2	34.4	-42.4	54.7	309	0.111	0.0	1.0	29.0	33.6	-42.9	54.6	308	0.633	0.0	1.0	0.111	0.0	1.0	29.0	33.6	-42.9	54.6	308	0.633	0.0	1.0	0.111	0.0	1.0	29.0	33.6	-42.9	54.6	308	0.633	0.0	1.0																		
310	309	309	0.138	0.0	1.0	29.4	35.2	-41.9	54.8	310	0.124	0.0	1.0	29.2	34.4	-42.4	54.7	309	0.65	0.0	1.0	0.124	0.0	1.0	29.2	34.4	-42.4	54.7	309	0.65	0.0	1.0	0.124	0.0	1.0	29.2	34.4	-42.4	54.7	309	0.65	0.0	1.0																		
311	310	310	0.153	0.0	1.0	29.7	36.0	-41.3	54.9	311	0.138	0.0	1.0	29.4	35.2	-41.9	54.8	310	0.667	0.0	1.0	0.138	0.0	1.0	29.4	35.2	-41.9	54.8	310	0.667	0.0	1.0	0.138	0.0	1.0	29.4	35.2	-41.9	54.8	310	0.667	0.0	1.0																		
312	311	311	0.169	0.0	1.0	29.9	36.8	-40.8	55.0	312	0.153	0.0	1.0	29.7	36.0	-41.3	54.9	311	0.683	0.0	1.0	0.153	0.0	1.0	29.7	36.0	-41.3	54.9	311	0.683	0.0	1.0	0.153	0.0	1.0	29.7	36.0	-41.3	54.9	311	0.683	0.0	1.0																		
313	312	312	0.184	0.0	1.0	30.2	37.6	-40.2	55.1	313	0.169	0.0	1.0	29.9	36.8	-40.8	55.0	312	0.7	0.0	1.0	0.169	0.0	1.0	29.9	36.8	-40.8	55.0	312	0.7	0.0	1.0	0.169	0.0	1.0	29.9	36.8	-40.8	55.0	312	0.7	0.0	1.0																		
314	313	313	0.199	0.0	1.0	30.4	38.4	-39.6	55.2	314	0.184	0.0	1.0	30.2	37.6	-40.2	55.1	313	0.717	0.0	1.0	0.199	0.0	1.0	29.9	36.8	-40.8	55.0	312	0.717	0.0	1.0	0.169	0.0	1.0	29.9	36.8	-40.8	55.0	312	0.717	0.0	1.0																		
315	314	313	0.214	0.0	1.0	30.6	39.1	-39.0	55.4	315	0.199	0.0	1.0	30.4	38.4	-39.6	55.2	314	0.733	0.0	1.0	0.184	0.0	1.0	30.2	37.6	-40.2	55.1	313	0.733	0.0	1.0	0.184	0.0	1.0	30.2	37.6	-40.2	55.1	313	0.733	0.0	1.0																		
316	315	314	0.229	0.0	1.0	30.9	39.9	-38.4	55.5	316	0.214	0.0	1.0	30.6	39.1	-39.0	55.4	315	0.75	0.0	1.0	0.199	0.0	1.0	30.4	38.4	-39.6	55.2	314	0.75	0.0	1.0	0.199	0.0	1.0	30.4	38.4	-39.6	55.2	314	0.75	0.0	1.0																		
317	316	315	0.244	0.0	1.0	31.1	40.7	-37.8	55.6	317	0.229	0.0	1.0	30.9	39.9	-38.4	55.5	316	0.767	0.0	1.0	0.214	0.0	1.0	30.6	39.1	-39.0	55.4	315	0.767	0.0	1.0	0.214	0.0	1.0	30.6	39.1	-39.0	55.4	315	0.767	0.0	1.0																		
318	317	316	0.266	0.0	1.0	31.8	41.4	-37.2	55.7	318	0.244	0.0	1.0	31.1	40.7	-37.8	55.6	317	0.783	0.0	1.0	0.229	0.0	1.0	30.9	39.9	-38.4	55.5	316	0.783	0.0	1.0	0.229	0.0	1.0	30.9	39.9	-38.4	55.5	316	0.783	0.0	1.0																		
319	318	317	0.294	0.0	1.0	32.7	42.2	-36.6	55.9	319	0.266	0.0	1.0	31.8	41.4	-37.2	55.7	318	0.8	0.0	1.0	0.244	0.0	1.0	31.1	40.7	-37.8	55.6	317	0.8	0.0	1.0	0.244	0.0	1.0	31.1	40.7	-37.8	55.6	317	0.8	0.0	1.0																		
320	319	318	0.321	0.0	1.0	33.6	42.9	-35.9	56.1	320	0.294	0.0	1.0	32.7	42.2	-36.6	55.9	319	0.817	0.0	1.0	0.266	0.0	1.0	31.8	41.4	-37.2	55.7	318	0.817	0.0	1.0	0.266	0.0	1.0	31.8	41.4	-37.2	55.7	318	0.817	0.0	1.0																		
321	320	319	0.348	0.0	1.0	34.5	43.7	-35.3	56.2	321	0.321	0.0	1.0	33.6	42.9	-35.9	56.1	320	0.833	0.0	1.0	0.294	0.0	1.0	32.7	42.2	-36.6	55.9	319	0.833	0.0	1.0	0.294	0.0	1.0	32.7	42.2	-36.6	55.9	319	0.833	0.0	1.0																		
322	321	320	0.375	0.0	1.0	35.3	44.4	-34.6	56.4	322	0.348	0.0	1.0	34.5	43.7	-35.3	56.2	321	0.85	0.0	1.0	0.321	0.0	1.0	33.6	42.9	-35.9	56.1	320	0.85	0.0	1.0	0.321	0.0	1.0	33.6	42.9	-35.9	56.1	320	0.85	0.0	1.0																		
323	322	321	0.388	0.0	1.0	35.7	45.3	-34.0	56.7	323	0.375	0.0	1.0	35.3	44.4	-34.6	56.4	322	0.867	0.0	1.0	0.348	0.0	1.0	34.5	43.7	-35.3	56.2	321	0.867	0.0	1.0	0.348	0.0	1.0	34.5	43.7	-35.3	56.2	321	0.867	0.0	1.0																		
324	323	322	0.401	0.0	1.0	36.0	46.1	-33.4	57.0	324	0.388	0.0	1.0	35.7	45.3	-34.0	56.7	323	0.883	0.0	1.0	0.375	0.0	1.0	35.3	44.4	-34.6	56.4	322	0.883	0.0	1.0	0.375	0.0	1.0	35.3	44.4	-34.6	56.4	322	0.883	0.0	1.0																		
325	324	323	0.414	0.0	1.0	36.3	47.0	-32.8	57.4	325	0.401	0.0	1.0	36.0	46.1	-33.4	57.0	324	0.9	0.0	1.0	0.388	0.0	1.0	35.7	45.3	-34.0	56.7	323	0.9	0.0	1.0	0.388	0.0	1.0	35.7	45.3	-34.0	56.7	323	0.9	0.0	1.0																		
326	325	324	0.428	0.0	1.0	36.7	47.8	-32.2	57.7	326	0.414	0.0	1.0	36.3	47.0	-32.8	57.4	325	0.917																																										

See original or copy: <http://web.me.com/klaus.richter/OE38/OE38L0NA.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 ORS41_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: $h_{ab,d} = 31.4, 96.3, 152.9, 234.1, 298.9, 353.0$; 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}		
346	345	343	0.816 0.0 1.0	46.2 65.9 -16.3 67.9 346	0.791 0.0 1.0	45.6 64.8 -17.3 67.1 345	1.0 0.0 0.75	0.739 0.0 1.0	44.4 62.8 -19.1 65.6 343	1.0 0.0 0.75					
347	346	344	0.842 0.0 1.0	46.7 66.9 -15.3 68.7 347	0.816 0.0 1.0	46.2 65.9 -16.3 67.9 346	1.0 0.0 0.733	0.766 0.0 1.0	45.1 63.8 -18.2 66.3 344	1.0 0.0 0.733					
348	347	345	0.867 0.0 1.0	47.3 67.9 -14.3 69.5 348	0.842 0.0 1.0	46.7 66.9 -15.3 68.7 347	1.0 0.0 0.717	0.791 0.0 1.0	45.6 64.8 -17.3 67.1 345	1.0 0.0 0.717					
349	348	346	0.893 0.0 1.0	47.8 69.1 -13.3 70.3 349	0.867 0.0 1.0	47.3 67.9 -14.3 69.5 348	1.0 0.0 0.7	0.816 0.0 1.0	46.2 65.9 -16.3 67.9 346	1.0 0.0 0.7					
350	349	347	0.92 0.0 1.0	48.2 70.2 -12.3 71.3 350	0.893 0.0 1.0	47.8 69.1 -13.3 70.3 349	1.0 0.0 0.683	0.842 0.0 1.0	46.7 66.9 -15.3 68.7 347	1.0 0.0 0.683					
351	350	348	0.947 0.0 1.0	48.7 71.3 -11.2 72.2 351	0.92 0.0 1.0	48.2 70.2 -12.3 71.3 350	1.0 0.0 0.667	0.867 0.0 1.0	47.3 67.9 -14.3 69.5 348	1.0 0.0 0.667					
352	351	349	0.974 0.0 1.0	49.2 72.5 -10.1 73.2 352	0.947 0.0 1.0	48.7 71.3 -11.2 72.2 351	1.0 0.0 0.65	0.893 0.0 1.0	47.8 69.1 -13.3 70.3 349	1.0 0.0 0.65					
353	352	349	1.0 0.0 0.999	49.6 73.5 -8.9 74.1 353	0.974 0.0 1.0	49.2 72.5 -10.1 73.2 352	1.0 0.0 0.633	0.893 0.0 1.0	47.8 69.1 -13.3 70.3 349	1.0 0.0 0.633					
354	353	350	1.0 0.0 0.968	49.6 73.3 -7.6 73.7 354	1.0 0.0 0.999	49.6 73.5 -8.9 74.1 353	1.0 0.0 0.617	0.92 0.0 1.0	48.2 70.2 -12.3 71.3 350	1.0 0.0 0.617					
355	354	351	1.0 0.0 0.937	49.5 73.1 -6.3 73.3 355	1.0 0.0 0.968	49.6 73.3 -7.6 73.7 354	1.0 0.0 0.6	0.947 0.0 1.0	48.7 71.3 -11.2 72.2 351	1.0 0.0 0.6					
356	355	352	1.0 0.0 0.906	49.5 72.8 -5.0 72.9 356	1.0 0.0 0.937	49.5 73.1 -6.3 73.3 355	1.0 0.0 0.583	0.974 0.0 1.0	49.2 72.5 -10.1 73.2 352	1.0 0.0 0.583					
357	356	353	1.0 0.0 0.875	49.4 72.5 -3.7 72.6 357	1.0 0.0 0.906	49.5 72.8 -5.0 72.9 356	1.0 0.0 0.567	1.0 0.0 0.999	49.6 73.5 -8.9 74.1 353	1.0 0.0 0.567					
358	357	354	1.0 0.0 0.842	49.4 72.2 -2.4 72.2 358	1.0 0.0 0.875	49.4 72.5 -3.7 72.6 357	1.0 0.0 0.55	1.0 0.0 0.968	49.6 73.3 -7.6 73.7 354	1.0 0.0 0.55					
359	358	355	1.0 0.0 0.809	49.4 71.8 -1.2 71.9 359	1.0 0.0 0.842	49.4 72.2 -2.4 72.2 358	1.0 0.0 0.533	1.0 0.0 0.937	49.5 73.1 -6.3 73.3 355	1.0 0.0 0.533					
0	359	356	1.0 0.0 0.776	49.4 71.5 0.0 71.5 0	1.0 0.0 0.809	49.4 71.8 -1.2 71.9 359	1.0 0.0 0.517	1.0 0.0 0.906	49.5 72.8 -5.0 72.9 356	1.0 0.0 0.517					
1	360	357	1.0 0.0 0.744	49.4 71.2 1.2 71.2 1	1.0 0.0 0.776	49.4 71.5 0.0 71.5 0	1.0 0.0 0.5	1.0 0.0 0.875	49.4 72.5 -3.7 72.6 357	1.0 0.0 0.5					
2	361	358	1.0 0.0 0.719	49.4 70.9 2.5 71.0 2	1.0 0.0 0.744	49.4 71.2 1.2 71.2 1	1.0 0.0 0.483	1.0 0.0 0.842	49.4 72.2 -2.4 72.2 358	1.0 0.0 0.483					
3	362	359	1.0 0.0 0.695	49.4 70.6 3.7 70.7 3	1.0 0.0 0.719	49.4 70.9 2.5 71.0 2	1.0 0.0 0.467	1.0 0.0 0.809	49.4 71.8 -1.2 71.9 359	1.0 0.0 0.467					
4	363	360	1.0 0.0 0.67	49.4 70.3 4.9 70.5 4	1.0 0.0 0.695	49.4 70.6 3.7 70.7 3	1.0 0.0 0.45	1.0 0.0 0.776	49.4 71.5 0.0 71.5 0	1.0 0.0 0.45					
5	364	361	1.0 0.0 0.645	49.4 70.0 6.1 70.3 5	1.0 0.0 0.67	49.4 70.3 4.9 70.5 4	1.0 0.0 0.433	1.0 0.0 0.744	49.4 71.2 1.2 71.2 1	1.0 0.0 0.433					
6	365	362	1.0 0.0 0.62	49.3 69.7 7.3 70.1 6	1.0 0.0 0.645	49.4 70.0 6.1 70.3 5	1.0 0.0 0.417	1.0 0.0 0.719	49.4 70.9 2.5 71.0 2	1.0 0.0 0.417					
7	366	363	1.0 0.0 0.594	49.3 69.7 8.6 70.2 7	1.0 0.0 0.62	49.3 69.7 7.3 70.1 6	1.0 0.0 0.4	1.0 0.0 0.695	49.4 70.6 3.7 70.7 3	1.0 0.0 0.4					
8	367	364	1.0 0.0 0.569	49.2 69.6 9.8 70.3 8	1.0 0.0 0.594	49.3 69.7 8.6 70.2 7	1.0 0.0 0.383	1.0 0.0 0.67	49.4 70.3 4.9 70.5 4	1.0 0.0 0.383					
9	368	365	1.0 0.0 0.543	49.2 69.5 11.0 70.4 9	1.0 0.0 0.569	49.2 69.6 9.8 70.3 8	1.0 0.0 0.367	1.0 0.0 0.645	49.4 70.0 6.1 70.3 5	1.0 0.0 0.367					
10	369	366	1.0 0.0 0.517	49.1 69.4 12.2 70.4 10	1.0 0.0 0.543	49.2 69.5 11.0 70.4 9	1.0 0.0 0.35	1.0 0.0 0.62	49.3 69.7 7.3 70.1 6	1.0 0.0 0.35					
11	370	367	1.0 0.0 0.492	49.0 69.2 13.5 70.5 11	1.0 0.0 0.517	49.1 69.4 12.2 70.4 10	1.0 0.0 0.333	1.0 0.0 0.594	49.3 69.7 8.6 70.2 7	1.0 0.0 0.333					
12	371	367	1.0 0.0 0.466	49.1 69.0 14.7 70.5 12	1.0 0.0 0.492	49.0 69.2 13.5 70.5 11	1.0 0.0 0.317	1.0 0.0 0.594	49.3 69.7 8.6 70.2 7	1.0 0.0 0.317					
13	372	368	1.0 0.0 0.441	49.1 68.8 15.9 70.6 13	1.0 0.0 0.466	49.1 69.0 14.7 70.5 12	1.0 0.0 0.3	1.0 0.0 0.569	49.2 69.6 9.8 70.3 8	1.0 0.0 0.3					
14	373	369	1.0 0.0 0.415	49.1 68.5 17.1 70.6 14	1.0 0.0 0.441	49.1 68.8 15.9 70.6 13	1.0 0.0 0.283	1.0 0.0 0.543	49.2 69.5 11.0 70.4 9	1.0 0.0 0.283					
15	374	370	1.0 0.0 0.39	49.1 68.3 18.3 70.7 15	1.0 0.0 0.415	49.1 68.5 17.1 70.6 14	1.0 0.0 0.267	1.0 0.0 0.517	49.1 69.4 12.2 70.4 10	1.0 0.0 0.267					
16	375	371	1.0 0.0 0.367	49.1 68.1 19.5 70.8 16	1.0 0.0 0.39	49.1 68.3 18.3 70.7 15	1.0 0.0 0.25	1.0 0.0 0.492	49.0 69.2 13.5 70.5 11	1.0 0.0 0.25					
17	376	372	1.0 0.0 0.347	49.0 68.0 20.8 71.1 17	1.0 0.0 0.367	49.1 68.1 19.5 70.8 16	1.0 0.0 0.233	1.0 0.0 0.466	49.1 69.0 14.7 70.5 12	1.0 0.0 0.233					
18	377	373	1.0 0.0 0.327	49.0 67.9 22.0 71.3 18	1.0 0.0 0.347	49.0 68.0 20.8 71.1 17	1.0 0.0 0.217	1.0 0.0 0.441	49.1 68.8 15.9 70.6 13	1.0 0.0 0.217					
19	378	374	1.0 0.0 0.308	49.0 67.7 23.3 71.6 19	1.0 0.0 0.327	49.0 67.9 22.0 71.3 18	1.0 0.0 0.2	1.0 0.0 0.415	49.1 68.5 17.1 70.6 14	1.0 0.0 0.2					
20	379	375	1.0 0.0 0.288	49.0 67.6 24.6 71.9 20	1.0 0.0 0.308	49.0 67.7 23.3 71.6 19	1.0 0.0 0.183	1.0 0.0 0.39	49.1 68.3 18.3 70.7 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	49.0 67.6 24.6 71.9 20	1.0 0.0 0.167	1.0 0.0 0.367	49.1 68.1 19.5 70.8 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	49.0 68.0 20.8 71.1 17	1.0 0.0 0.15					
23	382	378	1.0 0.0 0.224	48.9 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	49.0 67.9 22.0 71.3 18	1.0 0.0 0.133					
24	383	379	1.0 0.0 0.199	48.8 67.0 29.8 73.4 24	1.0 0.0 0.224	48.9 67.1 28.5 72.9 23	1.0 0.0 0.117	1.0 0.0 0.308	49.0 67.7 23.3 71.6 19	1.0 0.0 0.117					
25	384	380	1.0 0.0 0.174	48.8 66.9 31.2 73.8 25	1.0 0.0 0.199	48.8 67.0 29.8 73.4 24	1.0 0.0 0.1	1.0 0.0 0.288	49.0 67.6 24.6 71.9 20	1.0 0.0 0.1					
26	385	381	1.0 0.0 0.149	48.8 66.8 32.6 74.3 26	1.0 0.0 0.174	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 0.124	48.7 66.6 33.9 74.8 27	1.0 0.0 0.149	48.8 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 0.096	48.7 66.6 35.4 75.4 28	1.0 0.0 0.124	48.7 66.6 33.9 74.8 27	1.0 0.0 0.05	1.0 0.0 0.224	48.9 67.1 28.5 72.9 23	1.0 0.0 0.05					
29	388	384	1.0 0.0 0.067	48.6 66.5 36.9 76.0 29	1.0 0.0 0.096	48.7 66.6 35.4 75.4 28	1.0 0.0 0.033	1.0 0.0 0.199	48.8 67.0 29.8 73.4 24	1.0 0.0 0.033					
30	389	385	1.0 0.0 0.039	48.6 66.4 38.3 76.7 30	1.0 0.0 0.067	48.6 66.5 36.9 76.0 29	1.0 0.0 0.017	1.0 0.0 0.174	48.8 66.9 31.2 73.8 25	1.0 0.0 0.017					
31	390	385	1.0 0.0 0.011	48.5 66.3 39.8 77.3 31	1.0 0.0 0.039	48.6 66.4 38.3 76.7 30	1.0 0.0 0.0	1.0 0.0 0.174	48.8 66.9 31.2 73.8 25	1.0 0.0 0.0					

OE380-7N, Page of series 10/20, RX0, D65, XYZnw=3.2, 3.3, 3.5, 86.0, 90.9, 95.7, LAB*nw=21.4, 0.3, 0.7, 96.4, -0.7, 2.2, not adapted

Output: Offset print ORS41_18_96; separation cmyn6*, D65 and D50, page 10/20

TUB-test chart OE38; 48 and 360 step hue circles, Page 10/20
Data of Offset print ORS41_18_96, separation cmyn6*, D65 and D50

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

TUB registration: 20110301-OE38/OE38L0NA.TXT /PS
application for measurement of printer or monitor systems

TUB material: code=rha4ta

Data of Maximum color M in colorimetric system Offset print ORS41_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 : $h_{ab,d} = 32.3, 92.8, 154.0, 229.2, 292.4, 355.9$; 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

$LCH^*_d = 91.0 \ 87.7 \ 92.7$

$LAB^*_d = 91.0 \ -4.2 \ 87.6$

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

$L=G_d$ Leaf green

$LCH^*_d = 54.9 \ 70.6 \ 153.9$

$LAB^*_d = 54.9 \ -63.4 \ 30.9$

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

$C=C_d$ Cyan blue

$LCH^*_d = 61.2 \ 59.6 \ 229.2$

$LAB^*_d = 61.2 \ -38.9 \ -45.1$

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

$O=R_d$ Orange red

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

$LAB^*_d = 50.5 \ 69.3 \ 43.8$

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

$M=M_d$ Magenta red

$LCH^*_d = 51.3 \ 74.1 \ 355.8$

$LAB^*_d = 51.3 \ 73.9 \ -5.3$

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

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

$LCH^*_d = 26.8 \ 51.7 \ 292.4$

$LAB^*_d = 26.8 \ 19.7 \ -47.7$

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

J_e Yellow

$LCH^*_e = 90.2 \ 86.8 \ 92.0$

$LAB^*_e = 90.2 \ -3.0 \ 86.8$

$rgb^*_e = 1.0 \ 0.981 \ 0.0$

G_e Green

$LCH^*_e = 55.6 \ 64.9 \ 162.0$

$LAB^*_e = 55.6 \ -61.7 \ 20.0$

$rgb^*_e = 0.0 \ 1.0 \ 0.129$

C_e Blue green

$LCH^*_e = 59.9 \ 56.4 \ 217.0$

$LAB^*_e = 59.9 \ -45.0 \ -33.9$

$rgb^*_e = 0.0 \ 1.0 \ 0.815$

B_e Blue

$LCH^*_e = 35.8 \ 47.3 \ 272.0$

$LAB^*_e = 35.8 \ 1.6 \ -47.2$

$rgb^*_e = 0.0 \ 0.268 \ 1.0$

R_e Red

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

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

$rgb^*_e = 1.0 \ 0.0 \ 0.214$

M_e Blue red

$LCH^*_e = 38.1 \ 56.1 \ 329.0$

$LAB^*_e = 38.1 \ 48.1 \ -28.9$

$rgb^*_e = 0.46 \ 0.0 \ 1.0$

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

$LCH^*_s = 88.3 \ 84.7 \ 90.0$

$LAB^*_s = 88.3 \ 0.0 \ 84.7$

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

G_s Green

$LCH^*_s = 56.7 \ 67.9 \ 150.0$

$LAB^*_s = 56.7 \ -58.8 \ 33.9$

$rgb^*_s = 0.058 \ 1.0 \ 0.0$

R_s Red

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

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

$rgb^*_s = 1.0 \ 0.0 \ 0.071$

M_s Blue red

$LCH^*_s = 38.4 \ 56.4 \ 330.0$

$LAB^*_s = 38.4 \ 48.8 \ -28.2$

$rgb^*_s = 0.472 \ 0.0 \ 1.0$

C_s Blue green

$LCH^*_s = 59.3 \ 55.3 \ 210.0$

$LAB^*_s = 59.3 \ -47.9 \ -27.6$

$rgb^*_s = 0.0 \ 1.0 \ 0.716$

B_s Blue

$LCH^*_s = 36.7 \ 47.2 \ 270.0$

$LAB^*_s = 36.7 \ 0.0 \ -47.2$

$rgb^*_s = 0.0 \ 0.295 \ 1.0$

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/OE38/OE38L0NA.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 ORS41_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: $h_{ab,d} = 32.3, 92.8, 154.0, 229.2, 292.4, 355.9$; 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}				
32.3	30.0	25.5	1.0	0.0	0.0	50.6	69.4	43.8	82.1	32.3	1.0	0.0	0.071	50.7	69.6	40.2	80.3	30	1.0	0.0	0.0	1.0	0.0	0.214	50.9	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	60.7	48.8	77.9	38.8	1.0	0.111	0.0	54.1	61.8	48.3	78.4	38	1.0	0.125	0.0	1.0	0.033	0.0	51.6	67.1	45.3	81.0	34	1.0	0.125	0.0										
46.5	45.0	42.2	1.0	0.25	0.0	59.2	50.9	53.7	74.0	46.5	1.0	0.226	0.0	58.3	52.8	52.8	74.7	45	1.0	0.25	0.0	1.0	0.177	0.0	56.5	56.7	51.0	76.3	42	1.0	0.25	0.0										
55.5	52.5	50.5	1.0	0.375	0.0	64.3	40.7	59.1	71.8	55.5	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	56.6	72.9	51	1.0	0.375	0.0										
65.2	60.0	58.9	1.0	0.5	0.0	69.9	30.1	65.2	71.8	65.2	1.0	0.433	0.0	67.0	35.9	62.2	71.8	60	1.0	0.5	0.0	1.0	0.42	0.0	66.4	37.0	61.5	71.8	59	1.0	0.5	0.0										
74.2	67.5	67.2	1.0	0.625	0.0	75.6	20.1	71.2	74.0	74.2	1.0	0.539	0.0	71.7	27.2	67.2	72.5	68	1.0	0.625	0.0	1.0	0.525	0.0	71.1	28.2	66.5	72.2	67	1.0	0.625	0.0										
81.7	75.0	75.6	1.0	0.75	0.0	81.0	11.2	76.8	77.6	81.7	1.0	0.638	0.0	76.1	19.3	71.9	74.4	75	1.0	0.75	0.0	1.0	0.655	0.0	76.9	18.1	72.7	74.9	76	1.0	0.75	0.0										
87.6	82.5	84.0	1.0	0.875	0.0	85.9	3.4	82.2	82.2	87.6	1.0	0.778	0.0	82.1	9.6	78.1	78.6	83	1.0	0.875	0.0	1.0	0.799	0.0	82.9	8.3	79.0	79.4	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	0.933	0.0	88.3	0.0	84.8	84.8	90	1.0	1.0	0.0	1.0	0.981	0.0	90.3	-2.9	86.8	86.9	92	1.0	1.0	0.0										
96.4	97.5	101.1	0.875	1.0	0.0	87.0	-9.2	82.4	82.9	96.4	0.822	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	-14.7	76.4	77.8	101	0.875	1.0	0.0										
100.1	105.0	109.8	0.75	1.0	0.0	83.1	-13.8	77.6	78.8	100.1	0.661	1.0	0.0	79.5	-18.8	70.6	73.0	105	0.75	1.0	0.0	0.572	1.0	0.0	76.0	-23.5	64.9	69.1	110	0.75	1.0	0.0										
107.0	112.5	118.5	0.625	1.0	0.0	78.0	-20.6	67.6	70.7	107.0	0.518	1.0	0.0	74.0	-26.3	62.1	67.5	113	0.625	1.0	0.0	0.428	1.0	0.0	70.5	-31.7	57.4	65.6	119	0.625	1.0	0.0										
114.0	120.0	127.3	0.5	1.0	0.0	73.3	-27.2	61.2	67.0	114.0	0.413	1.0	0.0	70.0	-32.6	56.6	65.3	120	0.5	1.0	0.0	0.337	1.0	0.0	66.6	-38.2	50.9	63.7	127	0.5	1.0	0.0										
122.6	127.5	136.0	0.375	1.0	0.0	68.5	-34.7	54.4	64.6	122.6	0.328	1.0	0.0	66.2	-39.0	50.0	63.5	128	0.375	1.0	0.0	0.258	1.0	0.0	62.8	-44.4	42.9	61.8	136	0.375	1.0	0.0										
136.9	135.0	144.7	0.25	1.0	0.0	62.4	-44.9	42.1	61.6	136.9	0.266	1.0	0.0	63.2	-43.8	43.9	62.0	135	0.25	1.0	0.0	0.133	1.0	0.0	59.1	-53.0	37.2	64.8	145	0.25	1.0	0.0										
145.5	142.5	153.5	0.125	1.0	0.0	58.8	-53.5	36.8	65.0	145.5	0.161	1.0	0.0	59.9	-51.0	38.5	64.0	143	0.125	1.0	0.0	0.014	1.0	0.0	55.4	-62.2	31.8	70.0	153	0.125	1.0	0.0										
154.0	150.0	162.2	0.0	1.0	0.0	54.9	-63.3	31.0	70.6	154.0	0.059	1.0	0.0	56.8	-58.8	34.0	68.0	150	0.0	1.0	0.0	0.0	1.0	0.13	55.6	-61.6	20.1	64.9	162	0.0	1.0	0.0										
161.6	157.5	169.1	0.0	1.0	0.125	55.6	-61.7	20.5	65.1	161.6	0.0	1.0	0.066	55.3	-62.7	25.4	67.7	158	0.0	1.0	0.125	0.0	1.0	0.226	56.3	-59.9	11.7	61.1	169	0.0	1.0	0.125										
170.7	165.0	175.9	0.0	1.0	0.25	56.5	-59.3	9.7	60.1	170.7	0.0	1.0	0.171	55.9	-61.0	16.4	63.3	165	0.0	1.0	0.25	0.0	1.0	0.307	56.9	-58.1	4.1	58.4	176	0.0	1.0	0.25										
182.3	172.5	182.8	0.0	1.0	0.375	57.4	-56.1	-2.2	56.3	182.3	0.0	1.0	0.275	56.7	-58.8	7.2	59.4	173	0.0	1.0	0.375	0.0	1.0	0.384	57.4	-56.0	-2.8	56.2	183	0.0	1.0	0.375										
192.4	180.0	189.6	0.0	1.0	0.5	58.2	-53.3	-11.6	54.7	192.4	0.0	1.0	0.35	57.2	-56.9	0.0	57.0	180	0.0	1.0	0.5	0.0	1.0	0.471	58.0	-54.1	-9.5	55.0	190	0.0	1.0	0.5										
202.7	187.5	196.4	0.0	1.0	0.625	58.8	-50.3	-21.0	54.6	202.7	0.0	1.0	0.446	57.8	-54.7	-7.6	55.4	188	0.0	1.0	0.625	0.0	1.0	0.544	58.4	-52.4	-15.0	54.7	196	0.0	1.0	0.625										
212.7	195.0	203.3	0.0	1.0	0.75	59.5	-46.7	-29.9	55.6	212.7	0.0	1.0	0.532	58.4	-52.7	-14.0	54.7	195	0.0	1.0	0.75	0.0	1.0	0.629	58.8	-50.2	-21.3	54.7	203	0.0	1.0	0.75										
220.9	202.5	210.1	0.0	1.0	0.875	60.4	-43.1	-37.3	57.2	220.9	0.0	1.0	0.629	58.8	-50.2	-21.3	54.7	203	0.0	1.0	0.875	0.0	1.0	0.716	59.3	-47.8	-27.6	55.3	210	0.0	1.0	0.875										
229.2	210.0	217.0	0.0	1.0	1.0	61.3	-38.9	-45.0	59.6	229.2	0.0	1.0	0.716	59.3	-47.8	-27.6	55.3	210	0.0	1.0	1.0	0.0	1.0	0.815	60.0	-44.9	-33.8	56.4	217	0.0	1.0	1.0										
233.9	217.5	223.8	0.0	0.875	1.0	57.4	-33.2	-45.6	56.5	233.9	0.0	1.0	0.831	60.1	-44.5	-34.7	56.6	218	0.0	0.875	1.0	0.0	1.0	0.922	60.7	-41.7	-40.3	58.1	224	0.0	0.875	1.0										
239.1	225.0	230.7	0.0	0.75	1.0	53.5	-27.5	-45.9	53.6	239.1	0.0	1.0	0.937	60.8	-41.2	-41.2	58.4	225	0.0	0.75	1.0	0.0	0.952	1.0	59.8	-36.7	-45.3	58.4	231	0.0	0.75	1.0										
245.9	232.5	237.5	0.0	0.625	1.0	48.9	-20.6	-46.2	50.7	245.9	0.0	0.9	1.0	58.1	-34.3	-45.5	57.1	233	0.0	0.625	1.0	0.0	0.776	1.0	54.3	-28.6	-45.9	54.2	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	48.6	254.2	0.0	0.733	1.0	52.9	-26.5	-46.0	53.2	240	0.0	0.5	1.0	0.0	0.66	1.0	50.2	-22.5	-46.2	51.6	244	0.0	0.5	1.0										
264.2	247.5	251.2	0.0	0.375	1.0	39.4	-4.7	-46.7	47.1	264.2	0.0	0.594	1.0	47.8	-18.7	-46.4	50.2	248	0.0	0.375	1.0	0.0	0.548	1.0	46.1	-16.0	-46.6	49.4	251	0.0	0.375	1.0										
273.3	255.0	258.0	0.0	0.25	1.0	35.3	2.7	-47.2	47.4	273.3	0.0	0.49	1.0	43.9	-12.4	-46.7	48.4	255	0.0	0.25	1.0	0.0	0.453	1.0	42.4	-9.9	-46.9	48.0	258	0.0	0.25	1.0										
282.3	262.5	264.9	0.0	0.125	1.0	31.3	10.4	-47.6	48.8	282.3	0.0	0.39	1.0	40.0	-5.7	-46.8	47.3	263	0.0	0.125	1.0	0.0	0.364	1.0	39.1	-4.0	-46.8	47.1	265	0.0	0.125	1.0										
292.4	270.0	271.7	0.0	0.0	1.0	26.9	19.7	-47.7	51.7	292.4	0.0	0.295	1.0	36.8	0.0	-47.2	47.3	270	0.0	0.0	1.0	0.0	0.268	1.0	35.9	1.7	-47.2	47.3	272	0.0	0.0	1.0										
305.4	277.5	278.8	0.125	0.0	1.0	29.0	30.0	-42.1	51.8	305.4	0.0	0.185	1.0	33.2	6.7	-47.5	48.1	278	0.125	0.0	1.0	0.0	0.171	1.0	32.8	7.5	-47.6	48.3	279	0.125	0.0	1.0										
315.7	285.0	286.0	0.25	0.0	1.0	31.4	37.7	-36.7	52.7	315.7	0.0	0.091	1.0	30.1	12.8	-47.8	49.6	285	0.25	0.0	1.0	0.0	0.079	1.0	29.7	13.7	-47.8	49.8	286	0.25	0.0	1.0										
321.3	292.5	293.1	0.375	0.0	1.0	35.7	41.9	-33.4	53.7	321.3	0.006	0.0	1.0	27.0	20.2	-47.5	51.7	293	0.375	0.0	1.0	0.006	0.0	1.0	27.0	20.2	-47.5	51.7	293	0.375	0.0	1.0										
332.5	300.0	300.2	0.5	0.0	1.0	39.3	50.8	-26.4	57.3	332.5	0.073	0.0	1.0	28.1	25.9	-44.7	51.7	300	0.5	0.0	1.0	0.073	0.0	1.0	28.1	25.9	-44.7	51.7	300	0.5	0.0	1.0										
341.2	307.5	307.3	0.625	0.0	1.0	42.2	58.2	-19.7	61.5	341.2	0.157	0.0	1.0	29.6	32.0	-40.9	52.0	308	0.625	0.0	1.0	0.145	0.0	1.0	29.4	31.2	-41.4	51.9	307	0.625	0.0	1.0										
345.7	315.0	314.4	0.75	0.0	1.0	46.0	62.7	-15.9	64.7	345.7	0.242	0.0	1.0	31.2	37.2	-37.1	52.6	315	0.75	0.0	1.0	0.23	0.0	1.0	31.0	36.5	-37.7	52.5	314	0.75	0.0	1.0										
351.0	322.5	321.5	0.875	0.0	1.0	49.0	68.3	-10.7	69.1	351.0	0.394	0.0	1.0	36.2	43.3	-32.5	54.2	323	0.875	0.0	1.0	0.368	0.0	1.0	35.5	41.7	-33.6	53.6	321	0.875	0.0	1.0										
355.9	330.0	328.6	1.0	0.0	1.0	51.4	73.9	-5.2	74.1	355.9	0.472	0.0	1.0	38.5	48.9	-28.1	56.5	330	1.0	0.0	1.0	0.461	0.0	1.0	38.2	48.1	-28.8	56.1	329	1.0	0.0	1.0										
359.9	337.5	335.7	1.0	0.0	0.875	51.3	73.3	0.0	73.3	359.9	0.579	0.0	1.0																													

OE380-7N, Page of series 12/20, RX0, D50, XYZnw=3.3, 3.3, 2.7, 87.4, 91.0, 72.6, LAB*nw=21.4, 0.7, 0.6, 96.4, -0.4, 2.1, not adapted

TUB-test chart OE38; 48 and 360 step hue circles, Page 12/20
Data of Offset print ORS41_18_96, separation cmyn6*, D65 and D50

Output: Offset print ORS41_18_96; separation cmyn6*, D65 and D50, page 12/20

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

TUB registration: 20110301-OE38/OE38L0NA.TXT /PS
application for measurement of printer or monitor systems

TUB material: code=rha4ta

See original or copy: <http://web.me.com/klaus.richter/OE38/OE38L0NA.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 ORS41_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: $h_{ab,d} = 32.3, 92.8, 154.0, 229.2, 292.4, 355.9$; 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	$rgb^*_{ds361Mi}$			$LAB^*_{ds361Mix}(x=LabCh)$			$0.0R_s$	rgb^*_{s50M}			$0.0R_s$	$rgb^*_{de361Mi}$			$LAB^*_{de361Mix}(x=LabCh)$			$0.0R_e$	rgb^*_{e50M}			$0.0R_e$	rgb^*_{dd}	rgb^*_{ds}	rgb^*_{de}
32	30	25	1.0	0.0	0.009	50.6	69.4	43.4	81.9	32	1.0	0.0	0.071	50.7	69.6	40.2	80.3	30	1.0	0.0	0.0	0.0	0.0	0.0	0.214	50.9	69.9	32.6	77.1	25	1.0	0.0	0.0	0.0
33	31	27	1.0	0.014	0.0	51.0	68.4	44.4	81.6	33	1.0	0.0	0.04	50.6	69.5	41.8	81.1	31	1.0	0.0	0.017	0.0	1.0	0.0	0.16	50.8	69.7	35.5	78.3	27	1.0	0.0	0.017	0.0
34	32	28	1.0	0.033	0.0	51.6	67.1	45.3	81.0	34	1.0	0.0	0.009	50.6	69.4	43.4	81.9	32	1.0	0.033	0.0	1.0	0.0	0.133	50.8	69.6	37.0	78.9	28	1.0	0.0	0.033	0.0	
35	33	29	1.0	0.052	0.0	52.3	65.8	46.1	80.3	35	1.0	0.014	0.0	51.0	68.4	44.5	81.6	33	1.0	0.05	0.0	1.0	0.0	0.102	50.7	69.6	38.6	79.6	29	1.0	0.0	0.05	0.0	
36	34	30	1.0	0.072	0.0	52.9	64.5	46.8	79.7	36	1.0	0.033	0.0	51.6	67.1	45.3	81.0	34	1.0	0.067	0.0	1.0	0.0	0.071	50.7	69.6	40.2	80.3	30	1.0	0.0	0.067	0.0	
37	35	31	1.0	0.091	0.0	53.5	63.1	47.6	79.0	37	1.0	0.052	0.0	52.3	65.8	46.1	80.3	35	1.0	0.083	0.0	1.0	0.0	0.04	50.6	69.5	41.8	81.1	31	1.0	0.0	0.083	0.0	
38	36	32	1.0	0.11	0.0	54.1	61.8	48.3	78.4	38	1.0	0.072	0.0	52.9	64.5	46.8	79.7	36	1.0	0.1	0.0	1.0	0.0	0.009	50.6	69.4	43.4	81.9	32	1.0	0.1	0.1	0.0	
39	37	33	1.0	0.129	0.0	54.7	60.4	48.9	77.8	39	1.0	0.091	0.0	53.5	63.1	47.6	79.0	37	1.0	0.117	0.0	1.0	0.0	0.014	0.0	51.0	68.4	44.5	81.6	33	1.0	0.117	0.0	0.0
40	38	34	1.0	0.145	0.0	55.3	59.2	49.7	77.3	40	1.0	0.11	0.0	54.1	61.8	48.3	78.4	38	1.0	0.133	0.0	1.0	0.0	0.033	0.0	51.6	67.1	45.3	81.0	34	1.0	0.133	0.0	0.0
41	39	36	1.0	0.161	0.0	55.9	57.9	50.4	76.8	41	1.0	0.129	0.0	54.7	60.4	48.9	77.8	39	1.0	0.15	0.0	1.0	0.0	0.072	0.0	52.9	64.5	46.8	79.7	36	1.0	0.15	0.0	0.0
42	40	37	1.0	0.177	0.0	56.5	56.7	51.0	76.3	42	1.0	0.145	0.0	55.3	59.2	49.7	77.3	40	1.0	0.167	0.0	1.0	0.0	0.091	0.0	53.5	63.1	47.6	79.0	37	1.0	0.167	0.0	0.0
43	41	38	1.0	0.193	0.0	57.1	55.4	51.7	75.7	43	1.0	0.161	0.0	55.9	57.9	50.4	76.8	41	1.0	0.183	0.0	1.0	0.0	0.11	0.0	54.1	61.8	48.3	78.4	38	1.0	0.183	0.0	0.0
44	42	39	1.0	0.21	0.0	57.7	54.1	52.3	75.2	44	1.0	0.177	0.0	56.5	56.7	51.0	76.3	42	1.0	0.2	0.0	1.0	0.0	0.129	0.0	54.7	60.4	48.9	77.8	39	1.0	0.2	0.0	0.0
45	43	40	1.0	0.226	0.0	58.3	52.8	52.8	74.7	45	1.0	0.193	0.0	57.1	55.4	51.7	75.7	43	1.0	0.217	0.0	1.0	0.0	0.145	0.0	55.3	59.2	49.7	77.3	40	1.0	0.217	0.0	0.0
46	44	41	1.0	0.242	0.0	58.9	51.6	53.4	74.2	46	1.0	0.21	0.0	57.7	54.1	52.3	75.2	44	1.0	0.233	0.0	1.0	0.0	0.161	0.0	55.9	57.9	50.4	76.8	41	1.0	0.233	0.0	0.0
47	45	42	1.0	0.257	0.0	59.5	50.4	54.0	73.9	47	1.0	0.226	0.0	58.3	52.8	52.8	74.7	45	1.0	0.25	0.0	1.0	0.0	0.177	0.0	56.5	56.7	51.0	76.3	42	1.0	0.25	0.0	0.0
48	46	43	1.0	0.271	0.0	60.1	49.3	54.7	73.6	48	1.0	0.242	0.0	58.9	51.6	53.4	74.2	46	1.0	0.267	0.0	1.0	0.0	0.193	0.0	57.1	55.4	51.7	75.7	43	1.0	0.267	0.0	0.0
49	47	44	1.0	0.285	0.0	60.6	48.1	55.4	73.4	49	1.0	0.257	0.0	59.5	50.4	54.0	73.9	47	1.0	0.283	0.0	1.0	0.0	0.21	0.0	57.7	54.1	52.3	75.2	44	1.0	0.283	0.0	0.0
50	48	46	1.0	0.299	0.0	61.2	47.0	56.0	73.1	50	1.0	0.271	0.0	60.1	49.3	54.7	73.6	48	1.0	0.3	0.0	1.0	0.0	0.242	0.0	58.9	51.6	53.4	74.2	46	1.0	0.3	0.0	0.0
51	49	47	1.0	0.313	0.0	61.8	45.9	56.6	72.9	51	1.0	0.285	0.0	60.6	48.1	55.4	73.4	49	1.0	0.317	0.0	1.0	0.0	0.257	0.0	59.5	50.4	54.0	73.9	47	1.0	0.317	0.0	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	56.0	73.1	50	1.0	0.333	0.0	1.0	0.0	0.271	0.0	60.1	49.3	54.7	73.6	48	1.0	0.333	0.0	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	56.6	72.9	51	1.0	0.35	0.0	1.0	0.0	0.285	0.0	60.6	48.1	55.4	73.4	49	1.0	0.35	0.0	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	56.0	73.1	50	1.0	0.367	0.0	0.0
55	53	51	1.0	0.369	0.0	64.1	41.2	58.9	71.9	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	56.6	72.9	51	1.0	0.383	0.0	0.0
56	54	52	1.0	0.382	0.0	64.7	40.1	59.5	71.8	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	0.0
57	55	53	1.0	0.395	0.0	65.2	39.1	60.2	71.8	57	1.0	0.369	0.0	64.1	41.2	58.9	71.9	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	0.0
58	56	54	1.0	0.408	0.0	65.8	38.0	60.9	71.8	58	1.0	0.382	0.0	64.7	40.1	59.5	71.8	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	0.0
59	57	56	1.0	0.42	0.0	66.4	37.0	61.5	71.8	59	1.0	0.395	0.0	65.2	39.1	60.2	71.8	57	1.0	0.45	0.0	1.0	0.0	0.382	0.0	64.7	40.1	59.5	71.8	56	1.0	0.45	0.0	0.0
60	58	57	1.0	0.433	0.0	67.0	35.9	62.2	71.8	60	1.0	0.408	0.0	65.8	38.0	60.9	71.8	58	1.0	0.467	0.0	1.0	0.0	0.395	0.0	65.2	39.1	60.2	71.8	57	1.0	0.467	0.0	0.0
61	59	58	1.0	0.446	0.0	67.5	34.8	62.8	71.8	61	1.0	0.42	0.0	66.4	37.0	61.5	71.8	59	1.0	0.483	0.0	1.0	0.0	0.408	0.0	65.8	38.0	60.9	71.8	58	1.0	0.483	0.0	0.0
62	60	59	1.0	0.459	0.0	68.1	33.7	63.4	71.8	62	1.0	0.433	0.0	67.0	35.9	62.2	71.8	60	1.0	0.5	0.0	1.0	0.0	0.42	0.0	66.4	37.0	61.5	71.8	59	1.0	0.5	0.0	0.0
63	61	60	1.0	0.472	0.0	68.7	32.6	64.0	71.8	63	1.0	0.446	0.0	67.5	34.8	62.8	71.8	61	1.0	0.517	0.0	1.0	0.0	0.433	0.0	67.0	35.9	62.2	71.8	60	1.0	0.517	0.0	0.0
64	62	61	1.0	0.485	0.0	69.2	31.5	64.5	71.8	64	1.0	0.459	0.0	68.1	33.7	63.4	71.8	62	1.0	0.533	0.0	1.0	0.0	0.446	0.0	67.5	34.8	62.8	71.8	61	1.0	0.533	0.0	0.0

See original or copy: <http://web.me.com/klaus.richter/OE38/OE38L0NA.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 ORS41_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: $h_{ab,d} = 32.3, 92.8, 154.0, 229.2, 292.4, 355.9$; Six hue angles of the elementary colours e: $h_{ab,e} = 25.5, 92.3, 162.2, 217.0, 271.7, 328.6$											
$h_{ab,d}$	$h_{ab,s}$	$h_{ab,e}$	rgb^*_d 361Mi	LAB^*_d 361Mix (x=LabCh)	rgb^*_d 361Mi	LAB^*_d 361Mix (x=LabCh)	rgb^*_d s50M	rgb^*_d 361Mi	LAB^*_d 361Mix (x=LabCh)	rgb^*_d e50M	rgb^*_d 361Mix (x=LabCh)
77	75	76	1.0	0.672 0.0	77.6	17.0 73.4 75.4	77	1.0	0.638 0.0	76.1	19.3 71.9 74.4
78	76	77	1.0	0.688 0.0	78.3	15.8 74.2 75.8	78	1.0	0.655 0.0	76.9	18.1 72.7 74.9
79	77	78	1.0	0.705 0.0	79.1	14.6 74.9 76.3	79	1.0	0.672 0.0	77.6	17.0 73.4 75.4
80	78	79	1.0	0.722 0.0	79.8	13.3 75.6 76.8	80	1.0	0.688 0.0	78.3	15.8 74.2 75.8
81	79	80	1.0	0.738 0.0	80.5	12.1 76.3 77.3	81	1.0	0.705 0.0	79.1	14.6 74.9 76.3
82	80	81	1.0	0.757 0.0	81.3	10.8 77.1 77.9	82	1.0	0.722 0.0	79.8	13.3 75.6 76.8
83	81	82	1.0	0.778 0.0	82.1	9.6 78.1 78.6	83	1.0	0.738 0.0	80.5	12.1 76.3 77.3
84	82	83	1.0	0.799 0.0	82.9	8.3 79.0 79.4	84	1.0	0.757 0.0	81.3	10.8 77.1 77.9
85	83	85	1.0	0.82 0.0	83.8	7.0 79.9 80.2	85	1.0	0.778 0.0	82.1	9.6 78.1 78.6
86	84	86	1.0	0.841 0.0	84.6	5.6 80.8 81.0	86	1.0	0.799 0.0	82.9	8.3 79.0 79.4
87	85	87	1.0	0.862 0.0	85.4	4.3 81.6 81.8	87	1.0	0.82 0.0	83.8	7.0 79.9 80.2
88	86	88	1.0	0.885 0.0	86.3	2.9 82.6 82.6	88	1.0	0.841 0.0	84.6	5.6 80.8 81.0
89	87	89	1.0	0.909 0.0	87.3	1.5 83.7 83.7	89	1.0	0.862 0.0	85.4	4.3 81.6 81.8
90	88	90	1.0	0.933 0.0	88.3	0.0 84.8 84.8	90	1.0	0.885 0.0	86.3	2.9 82.6 82.6
91	89	91	1.0	0.957 0.0	89.3	-1.4 85.8 85.8	91	1.0	0.909 0.0	87.3	1.5 83.7 83.7
92	90	92	1.0	0.981 0.0	90.3	-2.9 86.8 86.9	92	1.0	0.933 0.0	88.3	0.0 84.8 84.8
93	91	93	0.993	1.0 0.0	90.8	-4.5 87.3 87.4	93	1.0	0.957 0.0	89.3	1.5 83.7 83.7
94	92	95	0.958	1.0 0.0	89.7	-5.9 85.9 86.1	94	1.0	0.981 0.0	90.3	-2.9 86.8 86.9
95	93	96	0.924	1.0 0.0	88.6	-7.3 84.5 84.8	95	0.993	1.0 0.0	90.8	-4.5 87.3 87.4
96	94	97	0.89	1.0 0.0	87.5	-8.6 83.0 83.5	96	0.958	1.0 0.0	89.7	-5.9 85.9 86.1
97	95	98	0.856	1.0 0.0	86.4	-9.9 81.7 82.3	97	0.924	1.0 0.0	88.6	-7.3 84.5 84.8
98	96	99	0.822	1.0 0.0	85.4	-11.2 80.4 81.2	98	0.89	1.0 0.0	87.5	-8.6 83.0 83.5
99	97	100	0.789	1.0 0.0	84.3	-12.4 79.1 80.1	99	0.856	1.0 0.0	86.4	-9.9 81.7 82.3
100	98	102	0.755	1.0 0.0	83.3	-13.6 77.8 79.0	100	0.822	1.0 0.0	85.4	-11.2 80.4 81.2
101	99	103	0.734	1.0 0.0	82.5	-14.7 76.4 77.8	101	0.789	1.0 0.0	84.3	-12.4 79.1 80.1
102	100	104	0.716	1.0 0.0	81.8	-15.8 74.9 76.6	102	0.755	1.0 0.0	83.3	-13.6 77.8 79.0
103	101	105	0.698	1.0 0.0	81.0	-16.9 73.5 75.4	103	0.734	1.0 0.0	82.5	-14.7 76.4 77.8
104	102	106	0.68	1.0 0.0	80.3	-17.9 72.0 74.2	104	0.716	1.0 0.0	81.8	-15.8 74.9 76.6
105	103	107	0.661	1.0 0.0	79.5	-18.8 70.6 73.0	105	0.698	1.0 0.0	81.0	-16.9 73.5 75.4
106	104	109	0.643	1.0 0.0	78.8	-19.7 69.1 71.9	106	0.68	1.0 0.0	80.3	-17.9 72.0 74.2
107	105	110	0.625	1.0 0.0	78.0	-20.6 67.6 70.7	107	0.661	1.0 0.0	79.5	-18.8 70.6 73.0
108	106	111	0.607	1.0 0.0	77.4	-21.6 66.7 70.1	108	0.643	1.0 0.0	78.8	-19.7 69.1 71.9
109	107	112	0.589	1.0 0.0	76.7	-22.6 65.8 69.6	109	0.625	1.0 0.0	78.0	-20.6 67.6 70.7
110	108	113	0.572	1.0 0.0	76.0	-23.5 64.9 69.1	110	0.607	1.0 0.0	77.4	-21.6 66.7 70.1
111	109	114	0.554	1.0 0.0	75.4	-24.5 64.0 68.6	111	0.589	1.0 0.0	76.7	-22.6 65.8 69.6
112	110	116	0.536	1.0 0.0	74.7	-25.4 63.1 68.0	112	0.572	1.0 0.0	76.0	-23.5 64.9 69.1
113	111	117	0.518	1.0 0.0	74.0	-26.3 62.1 67.5	113	0.554	1.0 0.0	75.4	-24.5 64.0 68.6
114	112	118	0.501	1.0 0.0	73.4	-27.1 61.2 67.0	114	0.536	1.0 0.0	74.7	-25.4 63.1 68.0
115	113	119	0.486	1.0 0.0	72.8	-28.1 60.5 66.7	115	0.518	1.0 0.0	74.0	-26.3 62.1 67.5
116	114	120	0.471	1.0 0.0	72.2	-29.0 59.7 66.4	116	0.501	1.0 0.0	73.4	-27.1 61.2 67.0
117	115	121	0.457	1.0 0.0	71.7	-29.9 58.9 66.2	117	0.486	1.0 0.0	72.8	-28.1 60.5 66.7
118	116	123	0.442	1.0 0.0	71.1	-30.8 58.2 65.9	118	0.471	1.0 0.0	72.2	-29.0 59.7 66.4
119	117	124	0.428	1.0 0.0	70.5	-31.7 57.4 65.6	119	0.457	1.0 0.0	71.7	-29.9 58.9 66.2
120	118	125	0.413	1.0 0.0	70.0	-32.6 56.6 65.3	120	0.442	1.0 0.0	71.1	-30.8 58.2 65.9
121	119	126	0.399	1.0 0.0	69.4	-33.4 55.8 65.1	121	0.428	1.0 0.0	70.5	-31.7 57.4 65.6
122	120	127	0.384	1.0 0.0	68.8	-34.2 54.9 64.8	122	0.413	1.0 0.0	70.0	-32.6 56.6 65.3

OE380-7N, Page of series 14/20, RX0, D50, XYZnw=3.3, 3.3, 2.7, 87.4, 91.0, 72.6, LAB*nw=21.4, 0.7, 0.6, 96.4, -0.4, 2.1, not adapted

TUB-test chart OE38; 48 and 360 step hue circles, Page 14/20
Data of Offset print ORS41_18_96, separation cmyn6*, D65 and D50

Output: Offset print ORS41_18_96; separation cmyn6*, D65 and D50, page 14/20

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

TUB registration: 20110301-OE38/OE38L0NA.TXT /PS
application for measurement of printer or monitor systems

TUB material: code=rha4ta

See original or copy: <http://web.me.com/klaus.richter/OE38/OE38L0NA.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 ORS41_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: $h_{ab,d} = 32.3, 92.8, 154.0, 229.2, 292.4, 355.9$; Six hue angles of the elementary colours e: $h_{ab,e} = 25.5, 92.3, 162.2, 217.0, 271.7, 328.6$

$h_{ab,d}$	$h_{ab,s}$	$h_{ab,e}$	rgb^*_d 361Mi					LAB^*_d 361Mix (x=LabCh)					rgb^*_s 361Mi					LAB^*_s 361Mix (x=LabCh)					rgb^*_e 50M					rgb^*_e 361Mi					LAB^*_e 361Mix (x=LabCh)					rgb^*_e 50M					rgb^*_d	rgb^*_s	rgb^*_e
122	120	127	0.384	1.0	0.0	68.8	-34.2	54.9	64.8	122	0.413	1.0	0.0	70.0	-32.6	56.6	65.3	120	0.5	1.0	0.0	0.337	1.0	0.0	66.6	-38.2	50.9	63.7	127	0.5	1.0	0.0													
123	121	128	0.372	1.0	0.0	68.3	-35.0	54.1	64.5	123	0.399	1.0	0.0	69.4	-33.4	55.8	65.1	121	0.483	1.0	0.0	0.328	1.0	0.0	66.2	-39.0	50.0	63.5	128	0.483	1.0	0.0													
124	122	130	0.363	1.0	0.0	67.9	-35.9	53.3	64.3	124	0.384	1.0	0.0	68.8	-34.2	54.9	64.8	122	0.467	1.0	0.0	0.31	1.0	0.0	65.3	-40.4	48.3	63.1	130	0.467	1.0	0.0													
125	123	131	0.354	1.0	0.0	67.5	-36.7	52.5	64.1	125	0.372	1.0	0.0	68.3	-35.0	54.1	64.5	123	0.45	1.0	0.0	0.302	1.0	0.0	64.9	-41.1	47.4	62.9	131	0.45	1.0	0.0													
126	124	132	0.345	1.0	0.0	67.0	-37.5	51.7	63.9	126	0.363	1.0	0.0	67.9	-35.9	53.3	64.3	124	0.433	1.0	0.0	0.293	1.0	0.0	64.5	-41.8	46.6	62.7	132	0.433	1.0	0.0													
127	125	133	0.337	1.0	0.0	66.6	-38.2	50.9	63.7	127	0.354	1.0	0.0	67.5	-36.7	52.5	64.1	125	0.417	1.0	0.0	0.284	1.0	0.0	64.0	-42.5	45.7	62.4	133	0.417	1.0	0.0													
128	126	134	0.328	1.0	0.0	66.2	-39.0	50.0	63.5	128	0.345	1.0	0.0	67.0	-37.5	51.7	63.9	126	0.4	1.0	0.0	0.275	1.0	0.0	63.6	-43.1	44.8	62.2	134	0.4	1.0	0.0													
129	127	135	0.319	1.0	0.0	65.8	-39.7	49.2	63.3	129	0.337	1.0	0.0	66.6	-38.2	50.9	63.7	127	0.383	1.0	0.0	0.266	1.0	0.0	63.2	-43.8	43.9	62.0	135	0.383	1.0	0.0													
130	128	137	0.31	1.0	0.0	65.3	-40.4	48.3	63.1	130	0.328	1.0	0.0	66.2	-39.0	50.0	63.5	128	0.367	1.0	0.0	0.248	1.0	0.0	62.3	-45.0	42.1	61.7	137	0.367	1.0	0.0													
131	129	138	0.302	1.0	0.0	64.9	-41.1	47.4	62.9	131	0.319	1.0	0.0	65.8	-39.7	49.2	63.3	129	0.35	1.0	0.0	0.234	1.0	0.0	61.9	-46.0	41.5	62.1	138	0.35	1.0	0.0													
132	130	139	0.293	1.0	0.0	64.5	-41.8	46.6	62.7	132	0.31	1.0	0.0	65.3	-40.4	48.3	63.1	130	0.333	1.0	0.0	0.219	1.0	0.0	61.5	-47.0	41.0	62.5	139	0.333	1.0	0.0													
133	131	140	0.284	1.0	0.0	64.0	-42.5	45.7	62.4	133	0.302	1.0	0.0	64.9	-41.1	47.4	62.9	131	0.317	1.0	0.0	0.205	1.0	0.0	61.1	-48.0	40.4	62.8	140	0.317	1.0	0.0													
134	132	141	0.275	1.0	0.0	63.6	-43.1	44.8	62.2	134	0.293	1.0	0.0	64.5	-41.8	46.6	62.7	132	0.3	1.0	0.0	0.19	1.0	0.0	60.7	-49.0	39.8	63.2	141	0.3	1.0	0.0													
135	133	142	0.266	1.0	0.0	63.2	-43.8	43.9	62.0	135	0.284	1.0	0.0	64.0	-42.5	45.7	62.4	133	0.283	1.0	0.0	0.176	1.0	0.0	60.3	-50.0	39.2	63.6	142	0.283	1.0	0.0													
136	134	144	0.258	1.0	0.0	62.8	-44.4	42.9	61.8	136	0.275	1.0	0.0	63.6	-43.1	44.8	62.2	134	0.267	1.0	0.0	0.147	1.0	0.0	59.5	-52.0	37.8	64.4	144	0.267	1.0	0.0													
137	135	145	0.248	1.0	0.0	62.3	-45.0	42.1	61.7	137	0.266	1.0	0.0	63.2	-43.8	43.9	62.0	135	0.25	1.0	0.0	0.133	1.0	0.0	59.1	-53.0	37.2	64.8	145	0.25	1.0	0.0													
138	136	146	0.234	1.0	0.0	61.9	-46.0	41.5	62.1	138	0.258	1.0	0.0	62.8	-44.4	42.9	61.8	136	0.233	1.0	0.0	0.118	1.0	0.0	58.6	-54.0	36.5	65.3	146	0.233	1.0	0.0													
139	137	147	0.219	1.0	0.0	61.5	-47.0	41.0	62.5	139	0.248	1.0	0.0	62.3	-45.0	42.1	61.7	137	0.217	1.0	0.0	0.103	1.0	0.0	58.2	-55.2	35.9	66.0	147	0.217	1.0	0.0													
140	138	148	0.205	1.0	0.0	61.1	-48.0	40.4	62.8	140	0.234	1.0	0.0	61.9	-46.0	41.5	62.1	138	0.2	1.0	0.0	0.088	1.0	0.0	57.7	-56.4	35.3	66.6	148	0.2	1.0	0.0													
141	139	149	0.19	1.0	0.0	60.7	-49.0	39.8	63.2	141	0.219	1.0	0.0	61.5	-47.0	41.0	62.5	139	0.183	1.0	0.0	0.074	1.0	0.0	57.2	-57.6	34.7	67.3	149	0.183	1.0	0.0													
142	140	151	0.176	1.0	0.0	60.3	-50.0	39.2	63.6	142	0.205	1.0	0.0	61.1	-48.0	40.4	62.8	140	0.167	1.0	0.0	0.044	1.0	0.0	56.3	-59.9	33.3	68.6	151	0.167	1.0	0.0													
143	141	152	0.161	1.0	0.0	59.9	-51.0	38.5	64.0	143	0.19	1.0	0.0	60.7	-49.0	39.8	63.2	141	0.15	1.0	0.0	0.029	1.0	0.0	55.8	-61.1	32.5	69.3	152	0.15	1.0	0.0													
144	142	153	0.147	1.0	0.0	59.5	-52.0	37.8	64.4	144	0.176	1.0	0.0	60.3	-50.0	39.2	63.6	142	0.133	1.0	0.0	0.014	1.0	0.0	55.4	-62.2	31.8	70.0	153	0.133	1.0	0.0													
145	143	154	0.133	1.0	0.0	59.1	-53.0	37.2	64.8	145	0.161	1.0	0.0	59.9	-51.0	38.5	64.0	143	0.117	1.0	0.0	0.0	1.0	0.0	54.9	-63.3	30.9	70.6	154	0.117	1.0	0.0													
146	144	155	0.118	1.0	0.0	58.6	-54.0	36.5	65.3	146	0.147	1.0	0.0	59.5	-52.0	37.8	64.4	144	0.1	1.0	0.0	0.0	1.0	0.017	55.0	-63.2	29.5	69.9	155	0.1	1.0	0.0													
147	145	156	0.103	1.0	0.0	58.2	-55.2	35.9	66.0	147	0.133	1.0	0.0	59.1	-53.0	37.2	64.8	145	0.083	1.0	0.0	0.0	1.0	0.033	55.1	-63.1	28.1	69.1	156	0.083	1.0	0.0													
148	146	158	0.088	1.0	0.0	57.7	-56.4	35.3	66.6	148	0.118	1.0	0.0	58.6	-54.0	36.5	65.3	146	0.067	1.0	0.0	0.0	1.0	0.066	55.3	-62.7	25.4	67.7	158	0.067	1.0	0.0													
149	147	159	0.074	1.0	0.0	57.2	-57.6	34.7	67.3	149	0.103	1.0	0.0	58.2	-55.2	35.9	66.0	147	0.05	1.0	0.0	0.0	1.0	0.082	55.4	-62.4	24.0	67.0	159	0.05	1.0	0.0													
150	148	160	0.059	1.0	0.0	56.8	-58.8	34.0	68.0	150	0.088	1.0	0.0	57.7	-56.4	35.3	66.6	148	0.033	1.0	0.0	0.0	1.0	0.098	55.5	-62.2	22.7	66.3	160	0.033	1.0	0.0													
151	149	161	0.044	1.0	0.0	56.3	-59.9	33.3	68.6	151	0.074	1.0	0.0	57.2	-57.6	34.7	67.3	149	0.017	1.0	0.0	0.0	1.0	0.115	55.5	-61.9	21.3	65.6	161	0.017	1.0	0.0													
152	150	162	0.029	1.0	0.0	55.8	-61.1	32.5	69.3	152	0.059	1.0	0.0	56.8	-58.8	34.0	68.0	150	0.0	1.0	0.006 _s	0.0	1.0	0.13	55.6	-61.6	20.1	64.9	162	0.0	1.0	0.006 _e													
153	151	163	0.014	1.0	0.0	55.4	-62.2	31.8	70.0	153	0.044	1.0	0.0	56.3	-59.9	33.3	68.6	151	0.0	1.0	0.017	0.0	1.0	0.144	55.7	-61.4	18.8	64.4	163	0.0	1.0	0.017													
154	152	164	0.0	1.0	0.0	54.9	-63.3	30.9	70.6	154	0.029	1.0	0.0	55.8	-61.1	32.5	69.3	152	0.0	1.0	0.033	0.0	1.0	0.157	55.8	-61.2	17.6	63.8	164	0.0	1.0	0.033													
155	153	165	0.0	1.0	0.017	55.0	-63.2	29.5	69.9	155	0.014	1.0	0.0	55.4	-62.2	31.8	7																												

See original or copy: <http://web.me.com/klaus.richter/OE38/OE38L0NA.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 ORS41_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: $h_{ab,d} = 32.3, 92.8, 154.0, 229.2, 292.4, 355.9$; 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}										
167	165	176	0.0	1.0	0.199	56.1	-60.5	14.0	62.2	167	0.0	1.0	0.25										
168	166	177	0.0	1.0	0.212	56.2	-60.2	12.8	61.6	168	0.0	1.0	0.267										
169	167	178	0.0	1.0	0.226	56.3	-59.9	11.7	61.1	169	0.0	1.0	0.283										
170	168	179	0.0	1.0	0.24	56.4	-59.5	10.5	60.5	170	0.0	1.0	0.3										
171	169	180	0.0	1.0	0.253	56.5	-59.2	9.4	60.1	171	0.0	1.0	0.317										
172	170	180	0.0	1.0	0.264	56.6	-59.0	8.3	59.7	172	0.0	1.0	0.333										
173	171	181	0.0	1.0	0.275	56.7	-58.8	7.2	59.4	173	0.0	1.0	0.35										
174	172	182	0.0	1.0	0.285	56.7	-58.6	6.2	59.0	174	0.0	1.0	0.367										
175	173	183	0.0	1.0	0.296	56.8	-58.4	5.1	58.7	175	0.0	1.0	0.383										
176	174	184	0.0	1.0	0.307	56.9	-58.1	4.1	58.4	176	0.0	1.0	0.4										
177	175	185	0.0	1.0	0.318	57.0	-57.9	3.0	58.0	177	0.0	1.0	0.417										
178	176	186	0.0	1.0	0.329	57.1	-57.6	2.0	57.7	178	0.0	1.0	0.433										
179	177	187	0.0	1.0	0.339	57.1	-57.3	1.0	57.4	179	0.0	1.0	0.45										
180	178	188	0.0	1.0	0.35	57.2	-56.9	0.0	57.0	180	0.0	1.0	0.467										
181	179	189	0.0	1.0	0.361	57.3	-56.6	-0.9	56.7	181	0.0	1.0	0.483										
182	180	190	0.0	1.0	0.372	57.4	-56.2	-1.9	56.4	182	0.0	1.0	0.5										
183	181	191	0.0	1.0	0.384	57.4	-56.0	-2.8	56.2	183	0.0	1.0	0.517										
184	182	191	0.0	1.0	0.396	57.5	-55.8	-3.8	56.0	184	0.0	1.0	0.533										
185	183	192	0.0	1.0	0.409	57.6	-55.5	-4.8	55.8	185	0.0	1.0	0.55										
186	184	193	0.0	1.0	0.421	57.7	-55.3	-5.7	55.7	186	0.0	1.0	0.567										
187	185	194	0.0	1.0	0.433	57.8	-55.0	-6.7	55.5	187	0.0	1.0	0.583										
188	186	195	0.0	1.0	0.446	57.8	-54.7	-7.6	55.4	188	0.0	1.0	0.6										
189	187	196	0.0	1.0	0.458	57.9	-54.4	-8.5	55.2	189	0.0	1.0	0.617										
190	188	197	0.0	1.0	0.471	58.0	-54.1	-9.5	55.0	190	0.0	1.0	0.633										
191	189	198	0.0	1.0	0.483	58.1	-53.8	-10.4	54.9	191	0.0	1.0	0.65										
192	190	199	0.0	1.0	0.495	58.2	-53.4	-11.3	54.7	192	0.0	1.0	0.667										
193	191	200	0.0	1.0	0.508	58.2	-53.2	-12.2	54.7	193	0.0	1.0	0.683										
194	192	201	0.0	1.0	0.52	58.3	-52.9	-13.1	54.7	194	0.0	1.0	0.7										
195	193	201	0.0	1.0	0.532	58.4	-52.7	-14.0	54.7	195	0.0	1.0	0.717										
196	194	202	0.0	1.0	0.544	58.4	-52.4	-15.0	54.7	196	0.0	1.0	0.733										
197	195	203	0.0	1.0	0.556	58.5	-52.2	-15.9	54.7	197	0.0	1.0	0.75										
198	196	204	0.0	1.0	0.568	58.5	-51.9	-16.8	54.6	198	0.0	1.0	0.767										
199	197	205	0.0	1.0	0.58	58.6	-51.6	-17.7	54.6	199	0.0	1.0	0.783										
200	198	206	0.0	1.0	0.592	58.6	-51.3	-18.6	54.6	200	0.0	1.0	0.8										
201	199	207	0.0	1.0	0.604	58.7	-50.9	-19.5	54.6	201	0.0	1.0	0.817										
202	200	208	0.0	1.0	0.616	58.8	-50.6	-20.4	54.6	202	0.0	1.0	0.833										
203	201	209	0.0	1.0	0.629	58.8	-50.2	-21.3	54.7	203	0.0	1.0	0.85										
204	202	210	0.0	1.0	0.641	58.9	-49.9	-22.2	54.8	204	0.0	1.0	0.867										
205	203	211	0.0	1.0	0.654	59.0	-49.6	-23.1	54.9	205	0.0	1.0	0.883										
206	204	212	0.0	1.0	0.666	59.0	-49.3	-24.0	54.9	206	0.0	1.0	0.9										
207	205	212	0.0	1.0	0.679	59.1	-48.9	-24.9	55.0	207	0.0	1.0	0.917										
208	206	213	0.0	1.0	0.691	59.2	-48.6	-25.8	55.1	208	0.0	1.0	0.933										
209	207	214	0.0	1.0	0.704	59.2	-48.2	-26.7	55.2	209	0.0	1.0	0.95										
210	208	215	0.0	1.0	0.716	59.3	-47.8	-27.6	55.3	210	0.0	1.0	0.967										
211	209	216	0.0	1.0	0.729	59.4	-47.4	-28.4	55.4	211	0.0	1.0	0.983										
212	210	217	0.0	1.0	0.741	59.5	-47.0	-29.3	55.5	212	0.0	1.0	1.0C _s										
0.0	1.0	0.716	59.3	-47.8	-27.6	55.3	210	0.0	1.0	1.0C _s	0.0	1.0	0.815	60.0	-44.9	-33.8	56.4	217	0.0	1.0	1.0C _e		

OE380-7N, Page of series 16/20, RX0, D50, XYZnw=3.3, 3.3, 2.7, 87.4, 91.0, 72.6, LAB*_{nw}=21.4, 0.7, 0.6, 96.4, -0.4, 2.1, not adapted

TUB-test chart OE38; 48 and 360 step hue circles, Page 16/20
Data of Offset print ORS41_18_96, separation cmyn6*, D65 and D50

Output: Offset print ORS41_18_96; separation cmyn6*, D65 and D50, page 16/20

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

TUB registration: 20110301-OE38/OE38L0NA.TXT /PS
application for measurement of printer or monitor systems

TUB material: code=rha4ta

See original or copy: <http://web.me.com/klaus.richter/OE38/OE38L0NA.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 ORS41_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: $h_{ab,d} = 32.3, 92.8, 154.0, 229.2, 292.4, 355.9$; 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	0.741	59.5	-47.0	-29.3	55.5	212	0.0
213	211	218	0.0	1.0	0.754	59.5	-46.6	-30.2	55.6	213	0.0
214	212	219	0.0	1.0	0.77	59.6	-46.2	-31.1	55.8	214	0.0
215	213	220	0.0	1.0	0.785	59.8	-45.8	-32.0	56.0	215	0.0
216	214	221	0.0	1.0	0.8	59.9	-45.4	-32.9	56.2	216	0.0
217	215	222	0.0	1.0	0.815	60.0	-44.9	-33.8	56.4	217	0.0
218	216	222	0.0	1.0	0.831	60.1	-44.5	-34.7	56.6	218	0.0
219	217	223	0.0	1.0	0.846	60.2	-44.0	-35.6	56.8	219	0.0
220	218	224	0.0	1.0	0.861	60.3	-43.6	-36.5	57.0	220	0.0
221	219	225	0.0	1.0	0.876	60.4	-43.1	-37.4	57.2	221	0.0
222	220	226	0.0	1.0	0.891	60.5	-42.6	-38.4	57.5	222	0.0
223	221	227	0.0	1.0	0.906	60.6	-42.2	-39.3	57.8	223	0.0
224	222	228	0.0	1.0	0.922	60.7	-41.7	-40.3	58.1	224	0.0
225	223	229	0.0	1.0	0.937	60.8	-41.2	-41.2	58.4	225	0.0
226	224	230	0.0	1.0	0.952	60.9	-40.7	-42.1	58.7	226	0.0
227	225	231	0.0	1.0	0.967	61.1	-40.1	-43.0	59.0	227	0.0
228	226	232	0.0	1.0	0.982	61.2	-39.6	-44.0	59.3	228	0.0
229	227	232	0.0	1.0	0.997	61.3	-39.0	-44.9	59.6	229	0.0
230	228	233	0.0	0.979	1.0	60.6	-37.9	-45.2	59.1	230	0.0
231	229	234	0.0	0.952	1.0	59.8	-36.7	-45.3	58.4	231	0.0
232	230	235	0.0	0.926	1.0	59.0	-35.5	-45.4	57.8	232	0.0
233	231	236	0.0	0.9	1.0	58.1	-34.3	-45.5	57.1	233	0.0
234	232	237	0.0	0.873	1.0	57.3	-33.1	-45.6	56.5	234	0.0
235	233	238	0.0	0.849	1.0	56.6	-32.0	-45.7	55.9	235	0.0
236	234	239	0.0	0.825	1.0	55.8	-30.9	-45.8	55.4	236	0.0
237	235	240	0.0	0.8	1.0	55.1	-29.7	-45.9	54.8	237	0.0
238	236	241	0.0	0.776	1.0	54.3	-28.6	-45.9	54.2	238	0.0
239	237	242	0.0	0.752	1.0	53.6	-27.5	-45.9	53.7	239	0.0
240	238	243	0.0	0.733	1.0	52.9	-26.5	-46.0	53.2	240	0.0
241	239	243	0.0	0.715	1.0	52.2	-25.5	-46.1	52.8	241	0.0
242	240	244	0.0	0.697	1.0	51.6	-24.5	-46.2	52.4	242	0.0
243	241	245	0.0	0.678	1.0	50.9	-23.5	-46.2	52.0	243	0.0
244	242	246	0.0	0.66	1.0	50.2	-22.5	-46.2	51.6	244	0.0
245	243	247	0.0	0.642	1.0	49.6	-21.5	-46.2	51.1	245	0.0
246	244	248	0.0	0.624	1.0	48.9	-20.5	-46.2	50.7	246	0.0
247	245	249	0.0	0.609	1.0	48.3	-19.6	-46.4	50.5	247	0.0
248	246	250	0.0	0.594	1.0	47.8	-18.7	-46.4	50.2	248	0.0
249	247	251	0.0	0.579	1.0	47.2	-17.8	-46.5	49.9	249	0.0
250	248	252	0.0	0.564	1.0	46.6	-16.9	-46.6	49.7	250	0.0
251	249	253	0.0	0.548	1.0	46.1	-16.0	-46.6	49.4	251	0.0
252	250	253	0.0	0.533	1.0	45.5	-15.1	-46.6	49.1	252	0.0
253	251	254	0.0	0.518	1.0	45.0	-14.2	-46.6	48.9	253	0.0
254	252	255	0.0	0.503	1.0	44.4	-13.3	-46.6	48.6	254	0.0
255	253	256	0.0	0.49	1.0	43.9	-12.4	-46.7	48.4	255	0.0
256	254	257	0.0	0.478	1.0	43.4	-11.6	-46.8	48.3	256	0.0
257	255	258	0.0	0.465	1.0	42.9	-10.7	-46.8	48.2	257	0.0

OE380-7N, Page of series 17/20, RX0, D50, XYZnw=3.3, 3.3, 2.7, 87.4, 91.0, 72.6, LAB*nw=21.4, 0.7, 0.6, 96.4, -0.4, 2.1, not adapted

TUB-test chart OE38; 48 and 360 step hue circles, Page 17/20
Data of Offset print ORS41_18_96, separation cmyn6*, D65 and D50

Output: Offset print ORS41_18_96; separation cmyn6*, D65 and D50, page 17/20

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

TUB registration: 20110301-OE38/OE38L0NA.TXT /PS
application for measurement of printer or monitor systems

TUB material: code=rha4ta

See original or copy: <http://web.me.com/klaus.richter/OE38/OE38L0NA.TXT> / .PS
Technical information: <http://www.ps.ban.de> or <http://130.149.60.45/~fabdmetrik>

TUB registration: 20110301-OE38/OE38L0NA.TXT/.PS
application for measurement of printer or monitor systems

TUB material: code=rha4ta

Data of Maximum color M in colorimetric system Offset print ORS41_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 : $h_{ab,d} = 32.3, 92.8, 154.0, 229.2, 292.4, 355.9$; 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/OE38/OE38L0NA.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 ORS41_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: $h_{ab,d} = 32.3, 92.8, 154.0, 229.2, 292.4, 355.9$; 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}	$rgb^*_{dd361Mi}$	$LAB^*_{dd361Mix}$ (x=LabCh)	$rgb^*_{ds361Mi}$	$LAB^*_{ds361Mix}$ (x=LabCh)	rgb^*_{s50M}	$rgb^*_{de361Mi}$	$LAB^*_{de361Mix}$ (x=LabCh)	rgb^*_{e50M}	$rgb^*_{dd361Mi}$	$LAB^*_{dd361Mix}$ (x=LabCh)	$rgb^*_{ds361Mi}$	$LAB^*_{ds361Mix}$ (x=LabCh)	rgb^*_{s50M}	$rgb^*_{de361Mi}$	$LAB^*_{de361Mix}$ (x=LabCh)	rgb^*_{e50M}	$rgb^*_{dd361Mi}$	$LAB^*_{dd361Mix}$ (x=LabCh)	$rgb^*_{ds361Mi}$	$LAB^*_{ds361Mix}$ (x=LabCh)	rgb^*_{s50M}	$rgb^*_{de361Mi}$	$LAB^*_{de361Mix}$ (x=LabCh)	rgb^*_{e50M}	
302	300	300	0.092 0.0 1.0	28.5 27.4 -43.8 51.8	302	0.073 0.0 1.0	28.1 25.9 -44.7 51.7	300	0.5 0.0 1.0	0.073 0.0 1.0	28.1 25.9 -44.7 51.7	300	0.5 0.0 1.0	0.073 0.0 1.0	28.1 25.9 -44.7 51.7	300	0.5 0.0 1.0	0.073 0.0 1.0	28.1 25.9 -44.7 51.7	300	0.5 0.0 1.0	0.073 0.0 1.0	28.1 25.9 -44.7 51.7	300	0.5 0.0 1.0	0.073 0.0 1.0	28.1 25.9 -44.7 51.7	300	0.5 0.0 1.0	0.073 0.0 1.0	28.1 25.9 -44.7 51.7	300	0.5 0.0 1.0	0.073 0.0 1.0	28.1 25.9 -44.7 51.7
303	301	301	0.102 0.0 1.0	28.6 28.2 -43.3 51.8	303	0.083 0.0 1.0	28.3 26.7 -44.3 51.7	301	0.517 0.0 1.0	0.083 0.0 1.0	28.3 26.7 -44.3 51.7	301	0.517 0.0 1.0	0.083 0.0 1.0	28.3 26.7 -44.3 51.7	301	0.517 0.0 1.0	0.083 0.0 1.0	28.3 26.7 -44.3 51.7	301	0.517 0.0 1.0	0.083 0.0 1.0	28.3 26.7 -44.3 51.7	301	0.517 0.0 1.0	0.083 0.0 1.0	28.3 26.7 -44.3 51.7	301	0.517 0.0 1.0	0.083 0.0 1.0	28.3 26.7 -44.3 51.7	301	0.517 0.0 1.0	0.083 0.0 1.0	28.3 26.7 -44.3 51.7
304	302	302	0.112 0.0 1.0	28.8 28.9 -42.8 51.8	304	0.092 0.0 1.0	28.5 27.4 -43.8 51.8	302	0.533 0.0 1.0	0.092 0.0 1.0	28.5 27.4 -43.8 51.8	302	0.533 0.0 1.0	0.092 0.0 1.0	28.5 27.4 -43.8 51.8	302	0.533 0.0 1.0	0.092 0.0 1.0	28.5 27.4 -43.8 51.8	302	0.533 0.0 1.0	0.092 0.0 1.0	28.5 27.4 -43.8 51.8	302	0.533 0.0 1.0	0.092 0.0 1.0	28.5 27.4 -43.8 51.8	302	0.533 0.0 1.0	0.092 0.0 1.0	28.5 27.4 -43.8 51.8	302	0.533 0.0 1.0	0.092 0.0 1.0	28.5 27.4 -43.8 51.8
305	303	303	0.121 0.0 1.0	29.0 29.7 -42.3 51.8	305	0.102 0.0 1.0	28.6 28.2 -43.3 51.8	303	0.55 0.0 1.0	0.102 0.0 1.0	28.6 28.2 -43.3 51.8	303	0.55 0.0 1.0	0.102 0.0 1.0	28.6 28.2 -43.3 51.8	303	0.55 0.0 1.0	0.102 0.0 1.0	28.6 28.2 -43.3 51.8	303	0.55 0.0 1.0	0.102 0.0 1.0	28.6 28.2 -43.3 51.8	303	0.55 0.0 1.0	0.102 0.0 1.0	28.6 28.2 -43.3 51.8	303	0.55 0.0 1.0	0.102 0.0 1.0	28.6 28.2 -43.3 51.8	303	0.55 0.0 1.0	0.102 0.0 1.0	28.6 28.2 -43.3 51.8
306	304	304	0.133 0.0 1.0	29.2 30.5 -41.8 51.8	306	0.112 0.0 1.0	28.8 28.9 -42.8 51.8	304	0.567 0.0 1.0	0.112 0.0 1.0	28.8 28.9 -42.8 51.8	304	0.567 0.0 1.0	0.112 0.0 1.0	28.8 28.9 -42.8 51.8	304	0.567 0.0 1.0	0.112 0.0 1.0	28.8 28.9 -42.8 51.8	304	0.567 0.0 1.0	0.112 0.0 1.0	28.8 28.9 -42.8 51.8	304	0.567 0.0 1.0	0.112 0.0 1.0	28.8 28.9 -42.8 51.8	304	0.567 0.0 1.0	0.112 0.0 1.0	28.8 28.9 -42.8 51.8	304	0.567 0.0 1.0	0.112 0.0 1.0	28.8 28.9 -42.8 51.8
307	305	305	0.145 0.0 1.0	29.4 31.2 -41.4 51.9	307	0.121 0.0 1.0	29.0 29.7 -42.3 51.8	305	0.583 0.0 1.0	0.121 0.0 1.0	29.0 29.7 -42.3 51.8	305	0.583 0.0 1.0	0.121 0.0 1.0	29.0 29.7 -42.3 51.8	305	0.583 0.0 1.0	0.121 0.0 1.0	29.0 29.7 -42.3 51.8	305	0.583 0.0 1.0	0.121 0.0 1.0	29.0 29.7 -42.3 51.8	305	0.583 0.0 1.0	0.121 0.0 1.0	29.0 29.7 -42.3 51.8	305	0.583 0.0 1.0	0.121 0.0 1.0	29.0 29.7 -42.3 51.8	305	0.583 0.0 1.0	0.121 0.0 1.0	29.0 29.7 -42.3 51.8
308	306	306	0.157 0.0 1.0	29.6 32.0 -40.9 52.0	308	0.133 0.0 1.0	29.2 30.5 -41.8 51.8	306	0.6 0.0 1.0	0.133 0.0 1.0	29.2 30.5 -41.8 51.8	306	0.6 0.0 1.0	0.133 0.0 1.0	29.2 30.5 -41.8 51.8	306	0.6 0.0 1.0	0.133 0.0 1.0	29.2 30.5 -41.8 51.8	306	0.6 0.0 1.0	0.133 0.0 1.0	29.2 30.5 -41.8 51.8	306	0.6 0.0 1.0	0.133 0.0 1.0	29.2 30.5 -41.8 51.8	306	0.6 0.0 1.0	0.133 0.0 1.0	29.2 30.5 -41.8 51.8	306	0.6 0.0 1.0	0.133 0.0 1.0	29.2 30.5 -41.8 51.8
309	307	307	0.169 0.0 1.0	29.9 32.8 -40.4 52.1	309	0.145 0.0 1.0	29.4 31.2 -41.4 51.9	307	0.617 0.0 1.0	0.145 0.0 1.0	29.4 31.2 -41.4 51.9	307	0.617 0.0 1.0	0.145 0.0 1.0	29.4 31.2 -41.4 51.9	307	0.617 0.0 1.0	0.145 0.0 1.0	29.4 31.2 -41.4 51.9	307	0.617 0.0 1.0	0.145 0.0 1.0	29.4 31.2 -41.4 51.9	307	0.617 0.0 1.0	0.145 0.0 1.0	29.4 31.2 -41.4 51.9	307	0.617 0.0 1.0	0.145 0.0 1.0	29.4 31.2 -41.4 51.9	307	0.617 0.0 1.0	0.145 0.0 1.0	29.4 31.2 -41.4 51.9
310	308	308	0.181 0.0 1.0	30.1 33.5 -39.9 52.2	310	0.157 0.0 1.0	29.6 32.0 -40.9 52.0	308	0.633 0.0 1.0	0.157 0.0 1.0	29.6 32.0 -40.9 52.0	308	0.633 0.0 1.0	0.157 0.0 1.0	29.6 32.0 -40.9 52.0	308	0.633 0.0 1.0	0.157 0.0 1.0	29.6 32.0 -40.9 52.0	308	0.633 0.0 1.0	0.157 0.0 1.0	29.6 32.0 -40.9 52.0	308	0.633 0.0 1.0	0.157 0.0 1.0	29.6 32.0 -40.9 52.0	308	0.633 0.0 1.0	0.157 0.0 1.0	29.6 32.0 -40.9 52.0	308	0.633 0.0 1.0	0.157 0.0 1.0	29.6 32.0 -40.9 52.0
311	309	309	0.193 0.0 1.0	30.3 34.3 -39.3 52.3	311	0.169 0.0 1.0	29.9 32.8 -40.4 52.1	309	0.65 0.0 1.0	0.169 0.0 1.0	29.9 32.8 -40.4 52.1	309	0.65 0.0 1.0	0.169 0.0 1.0	29.9 32.8 -40.4 52.1	309	0.65 0.0 1.0	0.169 0.0 1.0	29.9 32.8 -40.4 52.1	309	0.65 0.0 1.0	0.169 0.0 1.0	29.9 32.8 -40.4 52.1	309	0.65 0.0 1.0	0.169 0.0 1.0	29.9 32.8 -40.4 52.1	309	0.65 0.0 1.0	0.169 0.0 1.0	29.9 32.8 -40.4 52.1	309	0.65 0.0 1.0	0.169 0.0 1.0	29.9 32.8 -40.4 52.1
312	310	310	0.205 0.0 1.0	30.6 35.0 -38.8 52.3	312	0.181 0.0 1.0	30.1 33.5 -39.9 52.2	310	0.667 0.0 1.0	0.181 0.0 1.0	30.1 33.5 -39.9 52.2	310	0.667 0.0 1.0	0.181 0.0 1.0	30.1 33.5 -39.9 52.2	310	0.667 0.0 1.0	0.181 0.0 1.0	30.1 33.5 -39.9 52.2	310	0.667 0.0 1.0	0.181 0.0 1.0	30.1 33.5 -39.9 52.2	310	0.667 0.0 1.0	0.181 0.0 1.0	30.1 33.5 -39.9 52.2	310	0.667 0.0 1.0	0.181 0.0 1.0	30.1 33.5 -39.9 52.2	310	0.667 0.0 1.0	0.181 0.0 1.0	30.1 33.5 -39.9 52.2
313	311	311	0.218 0.0 1.0	30.8 35.8 -38.2 52.4	313	0.193 0.0 1.0	30.3 34.3 -39.3 52.3	311	0.683 0.0 1.0	0.193 0.0 1.0	30.3 34.3 -39.3 52.3	311	0.683 0.0 1.0	0.193 0.0 1.0	30.3 34.3 -39.3 52.3	311	0.683 0.0 1.0	0.193 0.0 1.0	30.3 34.3 -39.3 52.3	311	0.683 0.0 1.0	0.193 0.0 1.0	30.3 34.3 -39.3 52.3	311	0.683 0.0 1.0	0.193 0.0 1.0	30.3 34.3 -39.3 52.3	311	0.683 0.0 1.0	0.193 0.0 1.0	30.3 34.3 -39.3 52.3	311	0.683 0.0 1.0	0.193 0.0 1.0	30.3 34.3 -39.3 52.3
314	312	312	0.23 0.0 1.0	31.0 36.5 -37.7 52.5	314	0.205 0.0 1.0	30.6 35.0 -38.8 52.3	312	0.7 0.0 1.0	0.205 0.0 1.0	30.6 35.0 -38.8 52.3	312	0.7 0.0 1.0	0.205 0.0 1.0	30.6 35.0 -38.8 52.3	312	0.7 0.0 1.0	0.205 0.0 1.0	30.6 35.0 -38.8 52.3	312	0.7 0.0 1.0	0.205 0.0 1.0	30.6 35.0 -38.8 52.3	312	0.7 0.0 1.0	0.205 0.0 1.0	30.6 35.0 -38.8 52.3	312	0.7 0.0 1.0	0.205 0.0 1.0	30.6 35.0 -38.8 52.3	312	0.7 0.0 1.0	0.205 0.0 1.0	30.6 35.0 -38.8 52.3
315	313	312	0.242 0.0 1.0	31.2 37.2 -37.1 52.6	315	0.218 0.0 1.0	30.8 35.8 -38.2 52.4	313	0.717 0.0 1.0	0.205 0.0 1.0	30.6 35.0 -38.8 52.3	312	0.717 0.0 1.0	0.205 0.0 1.0	30.6 35.0 -38.8 52.3	312	0.717 0.0 1.0	0.205 0.0 1.0	30.6 35.0 -38.8 52.3	312	0.717 0.0 1.0	0.205 0.0 1.0	30.6 35.0 -38.8 52.3	312	0.717 0.0 1.0	0.205 0.0 1.0	30.6 35.0 -38.8 52.3	312	0.717 0.0 1.0	0.205 0.0 1.0	30.6 35.0 -38.8 52.3	312	0.717 0.0 1.0	0.205 0.0 1.0	30.6 35.0 -38.8 52.3
316	314	313	0.257 0.0 1.0	31.7 37.9 -36.5 52.7	316	0.23 0.0 1.0	31.0 36.5 -37.7 52.5	314	0.733 0.0 1.0	0.218 0.0 1.0	30.8 35.8 -38.2 52.4	313	0.733 0.0 1.0	0.218 0.0 1.0	30.8 35.8 -38.2 52.4	313	0.733 0.0 1.0	0.218 0.0 1.0	30.8 35.8 -38.2 52.4	313	0.733 0.0 1.0	0.218 0.0 1.0	30.8 35.8 -38.2 52.4	313	0.733 0.0 1.0	0.218 0.0 1.0	30.8 35.8 -38.2 52.4	313	0.733 0.0 1.0	0.218 0.0 1.0	30.8 35.8 -38.2 52.4	313	0.733 0.0 1.0	0.218 0.0 1.0	30.8 35.8 -38.2 52.4
317	315	314	0.279 0.0 1.0	32.4 38.7 -36.0 52.9	317	0.242 0.0 1.0	31.2 37.2 -37.1 52.6	315	0.75 0.0 1.0	0.23 0.0 1.0	31.0 36.5 -37.7 52.5	314	0.75 0.0 1.0	0.23 0.0 1.0	31.0 36.5 -37.7 52.5	314	0.75 0.0 1.0	0.23 0.0 1.0	31.0 36.5 -37.7 52.5	314	0.75 0.0 1.0	0.23 0.0 1.0	31.0 36.5 -37.7 52.5	314	0.75 0.0 1.0	0.23 0.0 1.0	31.0 36.5 -37.7 52.5	314	0.75 0.0 1.0	0.23 0.0 1.0					

See original or copy: <http://web.me.com/klaus.richter/OE38/OE38L0NA.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 ORS41_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: $h_{ab,d} = 32.3, 92.8, 154.0, 229.2, 292.4, 355.9$; 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	0.781 0.0	1.0 46.8 64.1	-14.7 65.8	347	0.73 0.0	1.0 45.4 62.0	-16.5 64.2	345	1.0 0.0	0.75	
348	346	344	0.804 0.0	1.0 47.3 65.2	-13.8 66.6	348	0.757 0.0	1.0 46.2 63.0	-15.6 65.0	346	1.0 0.0	0.733	
349	347	345	0.828 0.0	1.0 47.9 66.2	-12.8 67.5	349	0.781 0.0	1.0 46.8 64.1	-14.7 65.8	347	1.0 0.0	0.717	
350	348	346	0.852 0.0	1.0 48.4 67.2	-11.8 68.3	350	0.804 0.0	1.0 47.3 65.2	-13.8 66.6	348	1.0 0.0	0.7	
351	349	347	0.875 0.0	1.0 49.0 68.3	-10.7 69.1	351	0.828 0.0	1.0 47.9 66.2	-12.8 67.5	349	1.0 0.0	0.683	
352	350	348	0.901 0.0	1.0 49.5 69.5	-9.7 70.2	352	0.852 0.0	1.0 48.4 67.2	-11.8 68.3	350	1.0 0.0	0.667	
353	351	349	0.926 0.0	1.0 50.0 70.6	-8.6 71.2	353	0.875 0.0	1.0 49.0 68.3	-10.7 69.1	351	1.0 0.0	0.65	
354	352	349	0.952 0.0	1.0 50.4 71.8	-7.4 72.2	354	0.901 0.0	1.0 49.5 69.5	-9.7 70.2	352	1.0 0.0	0.633	
355	353	350	0.978 0.0	1.0 50.9 73.0	-6.3 73.2	355	0.926 0.0	1.0 50.0 70.6	-8.6 71.2	353	1.0 0.0	0.617	
356	354	351	1.0 0.0	0.996 51.4	73.9 -5.1	356	0.952 0.0	1.0 50.4 71.8	-7.4 72.2	354	1.0 0.0	0.6	
357	355	352	1.0 0.0	0.965 51.3	73.8 -3.8	357	0.978 0.0	1.0 50.9 73.0	-6.3 73.2	355	1.0 0.0	0.583	
358	356	353	1.0 0.0	0.935 51.3	73.7 -2.5	358	1.0 0.0	0.996 51.4	73.9 -5.1	356	1.0 0.0	0.567	
359	357	354	1.0 0.0	0.904 51.3	73.5 -1.2	359	1.0 0.0	0.965 51.3	73.8 -3.8	357	1.0 0.0	0.55	
0	358	355	1.0 0.0	0.873 51.3	73.3 0.0	0	1.0 0.0	0.935 51.3	73.7 -2.5	358	1.0 0.0	0.533	
1	359	356	1.0 0.0	0.84 51.2	73.1 1.3	1	1.0 0.0	0.904 51.3	73.5 -1.2	359	1.0 0.0	0.517	
2	360	357	1.0 0.0	0.807 51.2	72.9 2.5	2	1.0 0.0	0.873 51.3	73.3 0.0	0	1.0 0.0	0.5	
3	361	358	1.0 0.0	0.773 51.2	72.6 3.8	3	1.0 0.0	0.84 51.2	73.1 1.3	1	1.0 0.0	0.483	
4	362	359	1.0 0.0	0.742 51.2	72.4 5.1	4	1.0 0.0	0.807 51.2	72.9 2.5	2	1.0 0.0	0.467	
5	363	360	1.0 0.0	0.717 51.2	72.2 6.3	5	1.0 0.0	0.773 51.2	72.6 3.8	3	1.0 0.0	0.45	
6	364	361	1.0 0.0	0.691 51.2	72.0 7.6	6	1.0 0.0	0.742 51.2	72.4 5.1	4	1.0 0.0	0.433	
7	365	362	1.0 0.0	0.666 51.2	71.8 8.8	7	1.0 0.0	0.717 51.2	72.2 6.3	5	1.0 0.0	0.417	
8	366	363	1.0 0.0	0.64 51.2	71.5 10.1	8	1.0 0.0	0.691 51.2	72.0 7.6	6	1.0 0.0	0.4	
9	367	364	1.0 0.0	0.614 51.2	71.4 11.3	9	1.0 0.0	0.666 51.2	71.8 8.8	7	1.0 0.0	0.383	
10	368	365	1.0 0.0	0.587 51.1	71.4 12.6	10	1.0 0.0	0.64 51.2	71.5 10.1	8	1.0 0.0	0.367	
11	369	366	1.0 0.0	0.56 51.1	71.4 13.9	11	1.0 0.0	0.614 51.2	71.4 11.3	9	1.0 0.0	0.35	
12	370	367	1.0 0.0	0.533 51.0	71.3 15.2	12	1.0 0.0	0.587 51.1	71.4 12.6	10	1.0 0.0	0.333	
13	371	367	1.0 0.0	0.507 51.0	71.3 16.5	13	1.0 0.0	0.56 51.1	71.4 13.9	11	1.0 0.0	0.317	
14	372	368	1.0 0.0	0.479 51.0	71.2 17.7	14	1.0 0.0	0.533 51.0	71.3 15.2	12	1.0 0.0	0.3	
15	373	369	1.0 0.0	0.452 51.0	71.0 19.0	15	1.0 0.0	0.507 51.0	71.3 16.5	13	1.0 0.0	0.283	
16	374	370	1.0 0.0	0.425 51.0	70.8 20.3	16	1.0 0.0	0.479 51.0	71.2 17.7	14	1.0 0.0	0.267	
17	375	371	1.0 0.0	0.397 51.0	70.6 21.6	17	1.0 0.0	0.452 51.0	71.0 19.0	15	1.0 0.0	0.25	
18	376	372	1.0 0.0	0.371 51.0	70.4 22.9	18	1.0 0.0	0.425 51.0	70.8 20.3	16	1.0 0.0	0.233	
19	377	373	1.0 0.0	0.35 51.0	70.4 24.2	19	1.0 0.0	0.397 51.0	70.6 21.6	17	1.0 0.0	0.217	
20	378	374	1.0 0.0	0.329 51.0	70.3 25.6	20	1.0 0.0	0.371 51.0	70.4 22.9	18	1.0 0.0	0.2	
21	379	375	1.0 0.0	0.307 51.0	70.3 27.0	21	1.0 0.0	0.35 51.0	70.4 24.2	19	1.0 0.0	0.183	
22	380	376	1.0 0.0	0.286 50.9	70.1 28.3	22	1.0 0.0	0.329 51.0	70.3 25.6	20	1.0 0.0	0.167	
23	381	377	1.0 0.0	0.265 50.9	70.0 29.7	23	1.0 0.0	0.307 51.0	70.3 27.0	21	1.0 0.0	0.15	
24	382	378	1.0 0.0	0.242 50.9	69.9 31.1	24	1.0 0.0	0.286 50.9	70.1 28.3	22	1.0 0.0	0.133	
25	383	379	1.0 0.0	0.214 50.9	69.9 32.6	25	1.0 0.0	0.265 50.9	70.0 29.7	23	1.0 0.0	0.117	
26	384	380	1.0 0.0	0.187 50.8	69.8 34.1	26	1.0 0.0	0.242 50.9	69.9 31.1	24	1.0 0.0	0.1	
27	385	381	1.0 0.0	0.16 50.8	69.7 35.5	27	1.0 0.0	0.214 50.9	69.9 32.6	25	1.0 0.0	0.083	
28	386	382	1.0 0.0	0.133 50.8	69.6 37.0	28	1.0 0.0	0.187 50.8	69.8 34.1	26	1.0 0.0	0.067	
29	387	383	1.0 0.0	0.102 50.7	69.6 38.6	29	1.0 0.0	0.16 50.8	69.7 35.5	27	1.0 0.0	0.05	
30	388	384	1.0 0.0	0.071 50.7	69.6 40.2	30	1.0 0.0	0.133 50.8	69.6 37.0	28	1.0 0.0	0.033	
31	389	385	1.0 0.0	0.04 50.6	69.5 41.8	31	1.0 0.0	0.102 50.7	69.6 38.6	29	1.0 0.0	0.017	
32	390	385	1.0 0.0	0.009 50.6	69.4 43.4	32	1.0 0.0	0.071 50.7	69.6 40.2	30	1.0 0.0	0.0	

OE380-7N, Page of series 20/20, RX0, D50, XYZnw=3.3, 3.3, 2.7, 87.4, 91.0, 72.6, LAB*nw=21.4, 0.7, 0.6, 96.4, -0.4, 2.1, not adapted

TUB-test chart OE38; 48 and 360 step hue circles, Page 20/20
Data of Offset print ORS41_18_96, separation cmyn6*, D65 and D50

Output: Offset print ORS41_18_96; separation cmyn6*, D65 and D50, page 20/20

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

TUB registration: 20110301-OE38/OE38L0NA.TXT / .PS
application for measurement of printer or monitor systems

TUB material: code=rha4ta