

Data of Maximum color M in colorimetric system Offset print ORS08_18_96; separation cmyn4*, 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 : $h_{ab,d} = 31.7, 96.0, 152.6, 234.4, 299.0, 354.5$; 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

$LCH^*_d = 90.3 \ 90.6 \ 96.0$

$LAB^*_d = 90.3 \ -9.5 \ 90.1$

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

$L=G_d$ Leaf green

$LCH^*_d = 55.9 \ 73.1 \ 152.6$

$LAB^*_d = 55.9 \ -64.9 \ 33.6$

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

$C=C_d$ Cyan blue

$LCH^*_d = 62.8 \ 51.8 \ 234.3$

$LAB^*_d = 62.8 \ -30.2 \ -42.1$

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

$O=R_d$ Orange red

$LCH^*_d = 47.8 \ 78.6 \ 31.7$

$LAB^*_d = 47.8 \ 66.8 \ 41.3$

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

$M=M_d$ Magenta red

$LCH^*_d = 48.2 \ 75.1 \ 354.5$

$LAB^*_d = 48.2 \ 74.8 \ -7.1$

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

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

$LCH^*_d = 27.2 \ 54.0 \ 299.0$

$LAB^*_d = 27.2 \ 26.1 \ -47.2$

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

J_e Yellow

$LCH^*_e = 85.8 \ 85.1 \ 92.0$

$LAB^*_e = 85.8 \ -2.9 \ 85.0$

$rgb^*_e = 1.0 \ 0.895 \ 0.0$

G_e Green

$LCH^*_e = 56.7 \ 65.0 \ 162.0$

$LAB^*_e = 56.7 \ -61.8 \ 20.0$

$rgb^*_e = 0.0 \ 1.0 \ 0.162$

C_e Blue green

$LCH^*_e = 61.4 \ 48.9 \ 217.0$

$LAB^*_e = 61.4 \ -39.0 \ -29.4$

$rgb^*_e = 0.0 \ 1.0 \ 0.797$

B_e Blue

$LCH^*_e = 41.0 \ 45.3 \ 272.0$

$LAB^*_e = 41.0 \ 1.5 \ -45.2$

$rgb^*_e = 0.0 \ 0.381 \ 1.0$

R_e Red

$LCH^*_e = 47.8 \ 75.1 \ 25.0$

$LAB^*_e = 47.8 \ 68.0 \ 31.7$

$rgb^*_e = 1.0 \ 0.0 \ 0.203$

M_e Blue red

$LCH^*_e = 36.0 \ 58.9 \ 329.0$

$LAB^*_e = 36.0 \ 50.5 \ -30.3$

$rgb^*_e = 0.45 \ 0.0 \ 1.0$

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

$LCH^*_s = 83.9 \ 82.8 \ 90.0$

$LAB^*_s = 83.9 \ 0.0 \ 82.8$

$rgb^*_s = 1.0 \ 0.847 \ 0.0$

G_s Green

$LCH^*_s = 57.3 \ 71.3 \ 150.0$

$LAB^*_s = 57.3 \ -61.7 \ 35.6$

$rgb^*_s = 0.048 \ 1.0 \ 0.0$

R_s Red

$LCH^*_s = 47.8 \ 77.6 \ 30.0$

$LAB^*_s = 47.8 \ 67.2 \ 38.8$

$rgb^*_s = 1.0 \ 0.0 \ 0.057$

M_s Blue red

$LCH^*_s = 36.4 \ 59.2 \ 330.0$

$LAB^*_s = 36.4 \ 51.3 \ -29.6$

$rgb^*_s = 0.464 \ 0.0 \ 1.0$

C_s Blue green

$LCH^*_s = 60.8 \ 48.8 \ 210.0$

$LAB^*_s = 60.8 \ -42.2 \ -24.4$

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

B_s Blue

$LCH^*_s = 42.1 \ 45.2 \ 270.0$

$LAB^*_s = 42.1 \ 0.0 \ -45.2$

$rgb^*_s = 0.0 \ 0.407 \ 1.0$

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

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

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

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

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

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

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

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

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

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

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

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

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Six hue angles of the device colours d: $h_{ab,d} = 31.7, 96.0, 152.6, 234.4, 299.0, 354.5$; 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}			
31.7	30.0	25.5	1.0	0.0	0.0	47.8	66.9	41.3	78.6	31.7	1.0	0.0	0.057	47.9	67.2	38.8	77.6	30	1.0	0.0	0.0	1.0	0.0	0.204	47.9	68.1	31.8	75.1	25	1.0	0.0	0.0	
39.0	37.5	33.8	1.0	0.125	0.0	52.0	58.0	46.9	74.6	39.0	1.0	0.108	0.0	51.4	59.2	46.3	75.2	38	1.0	0.125	0.0	1.0	0.039	0.0	49.1	64.1	43.3	77.4	34	1.0	0.125	0.0	
48.0	45.0	42.2	1.0	0.25	0.0	56.8	47.7	52.9	71.2	48.0	1.0	0.209	0.0	55.2	51.1	51.1	72.3	45	1.0	0.25	0.0	1.0	0.167	0.0	53.6	54.6	49.2	73.5	42	1.0	0.25	0.0	
58.2	52.5	50.5	1.0	0.375	0.0	62.4	36.7	59.0	69.5	58.2	1.0	0.312	0.0	59.6	42.3	56.2	70.4	53	1.0	0.375	0.0	1.0	0.287	0.0	58.5	44.5	54.9	70.7	51	1.0	0.375	0.0	
68.7	60.0	58.9	1.0	0.5	0.0	68.4	25.6	65.5	70.4	68.7	1.0	0.397	0.0	63.4	34.8	60.3	69.6	60	1.0	0.5	0.0	1.0	0.385	0.0	62.9	35.8	59.6	69.6	59	1.0	0.5	0.0	
77.9	67.5	67.2	1.0	0.625	0.0	74.1	15.5	72.1	73.8	77.9	1.0	0.492	0.0	68.0	26.3	65.2	70.3	68	1.0	0.625	0.0	1.0	0.48	0.0	67.4	27.4	64.6	70.2	67	1.0	0.625	0.0	
85.7	75.0	75.6	1.0	0.75	0.0	80.1	5.9	78.2	78.4	85.7	1.0	0.586	0.0	72.3	18.8	70.2	72.7	75	1.0	0.75	0.0	1.0	0.599	0.0	73.0	17.7	70.9	73.1	76	1.0	0.75	0.0	
91.2	82.5	84.0	1.0	0.875	0.0	85.0	-1.7	84.1	84.1	91.2	1.0	0.707	0.0	78.0	9.4	76.2	76.8	83	1.0	0.875	0.0	1.0	0.723	0.0	78.8	8.1	77.0	77.4	84	1.0	0.875	0.0	
96.0	90.0	92.3	1.0	1.0	0.0	90.3	-9.4	90.1	90.6	96.0	1.0	0.848	0.0	83.9	0.0	82.8	82.8	90	1.0	1.0	0.0	1.0	0.895	0.0	85.9	-2.9	85.1	85.1	92	1.0	1.0	0.0	
99.7	97.5	101.1	0.875	1.0	0.0	86.3	-14.4	84.9	86.2	99.7	0.933	1.0	0.0	88.1	-12.2	87.4	88.2	98	0.875	1.0	0.0	0.829	1.0	0.0	84.9	-16.1	83.3	84.9	101	0.875	1.0	0.0	
103.3	105.0	109.8	0.75	1.0	0.0	82.4	-18.9	80.4	82.6	103.3	0.719	1.0	0.0	81.3	-20.7	77.6	80.4	105	0.75	1.0	0.0	0.63	1.0	0.0	77.9	-25.2	69.4	73.9	110	0.75	1.0	0.0	
110.3	112.5	118.5	0.625	1.0	0.0	77.7	-25.4	68.9	73.5	110.3	0.576	1.0	0.0	76.0	-28.1	66.4	72.2	113	0.625	1.0	0.0	0.469	1.0	0.0	72.1	-33.7	61.0	69.7	119	0.625	1.0	0.0	
117.2	120.0	127.3	0.5	1.0	0.0	73.2	-31.9	62.3	70.1	117.2	0.452	1.0	0.0	71.4	-34.7	60.2	69.5	120	0.5	1.0	0.0	0.352	1.0	0.0	67.5	-40.8	54.3	68.0	127	0.5	1.0	0.0	
124.4	127.5	136.0	0.375	1.0	0.0	68.6	-38.7	56.6	68.7	124.4	0.343	1.0	0.0	67.1	-41.6	53.4	67.8	128	0.375	1.0	0.0	0.27	1.0	0.0	63.7	-47.3	45.8	65.9	136	0.375	1.0	0.0	
138.2	135.0	144.7	0.25	1.0	0.0	62.7	-48.7	43.5	65.4	138.2	0.279	1.0	0.0	64.1	-46.7	46.8	66.1	135	0.25	1.0	0.0	0.138	1.0	0.0	59.9	-55.6	39.0	68.0	145	0.25	1.0	0.0	
145.8	142.5	153.5	0.125	1.0	0.0	59.6	-56.4	38.4	68.3	145.8	0.171	1.0	0.0	60.7	-53.6	40.5	67.2	143	0.125	1.0	0.0	0.0	1.0	0.007	56.0	-64.8	33.1	72.8	153	0.125	1.0	0.0	
152.6	150.0	162.2	0.0	1.0	0.0	56.0	-64.9	33.7	73.2	152.6	0.048	1.0	0.0	57.4	-61.7	35.7	71.3	150	0.0	1.0	0.0	0.0	1.0	0.162	56.8	-61.8	20.1	65.0	162	0.0	1.0	0.0	
159.5	157.5	169.1	0.0	1.0	0.125	56.6	-62.4	23.4	66.7	159.5	0.0	1.0	0.098	56.5	-63.1	25.5	68.1	158	0.0	1.0	0.125	0.0	1.0	0.263	57.3	-59.3	11.5	60.5	169	0.0	1.0	0.125	
167.9	165.0	175.9	0.0	1.0	0.25	57.2	-59.6	12.9	61.1	167.9	0.0	1.0	0.207	57.0	-60.8	16.3	63.0	165	0.0	1.0	0.25	0.0	1.0	0.34	57.9	-56.5	4.0	56.8	176	0.0	1.0	0.25	
179.2	172.5	182.8	0.0	1.0	0.375	58.2	-55.0	0.8	55.1	179.2	0.0	1.0	0.307	57.6	-57.8	7.1	58.4	173	0.0	1.0	0.375	0.0	1.0	0.416	58.6	-53.6	-2.7	53.8	183	0.0	1.0	0.375	
190.8	180.0	189.6	0.0	1.0	0.5	59.3	-50.1	-9.4	51.1	190.8	0.0	1.0	0.384	58.3	-54.7	0.0	54.8	180	0.0	1.0	0.5	0.0	1.0	0.492	59.2	-50.5	-8.8	51.4	190	0.0	1.0	0.5	
201.8	187.5	196.4	0.0	1.0	0.625	60.1	-45.6	-18.1	49.2	201.8	0.0	1.0	0.47	59.0	-51.5	-7.1	52.1	188	0.0	1.0	0.625	0.0	1.0	0.559	59.7	-48.1	-13.7	50.2	196	0.0	1.0	0.625	
213.0	195.0	203.3	0.0	1.0	0.75	61.1	-40.7	-26.4	48.7	213.0	0.0	1.0	0.548	59.6	-48.5	-12.9	50.4	195	0.0	1.0	0.75	0.0	1.0	0.639	60.2	-45.1	-19.1	49.1	203	0.0	1.0	0.75	
223.4	202.5	210.1	0.0	1.0	0.875	62.1	-35.7	-33.8	49.3	223.4	0.0	1.0	0.639	60.2	-45.1	-19.1	49.1	203	0.0	1.0	0.875	0.0	1.0	0.716	60.8	-42.2	-24.3	48.8	210	0.0	1.0	0.875	
234.4	210.0	217.0	0.0	1.0	1.0	62.9	-30.1	-42.0	51.8	234.4	0.0	1.0	0.716	60.8	-42.2	-24.3	48.8	210	0.0	1.0	1.0	0.0	1.0	0.798	61.5	-39.0	-29.3	48.9	217	0.0	1.0	1.0	
240.1	217.5	223.8	0.0	0.875	1.0	58.7	-24.5	-42.8	49.4	240.1	0.0	1.0	0.81	61.6	-38.5	-30.1	49.0	218	0.0	0.875	1.0	0.0	1.0	0.882	62.1	-35.5	-34.3	49.5	224	0.0	0.875	1.0	
246.0	225.0	230.7	0.0	0.75	1.0	54.8	-19.3	-43.5	47.7	246.0	0.0	1.0	0.893	62.2	-35.0	-35.0	49.7	225	0.0	0.75	1.0	0.0	1.0	0.962	62.6	-32.0	-39.6	51.1	231	0.0	0.75	1.0	
253.8	232.5	237.5	0.0	0.625	1.0	50.4	-12.7	-44.0	45.9	253.8	0.0	1.0	0.985	62.8	-30.9	-41.1	51.5	233	0.0	0.625	1.0	0.0	1.0	0.921	1.0	60.2	-26.6	-42.6	50.3	238	0.0	0.625	1.0
262.7	240.0	244.4	0.0	0.5	1.0	45.8	-5.6	-44.6	45.0	262.7	0.0	0.878	1.0	58.8	-24.6	-42.8	49.5	240	0.0	0.5	1.0	0.0	1.0	0.793	1.0	56.2	-21.1	-43.3	48.3	244	0.0	0.5	1.0
272.5	247.5	251.2	0.0	0.375	1.0	40.8	2.0	-45.2	45.3	272.5	0.0	0.718	1.0	53.7	-17.6	-43.7	47.2	248	0.0	0.375	1.0	0.0	1.0	0.67	1.0	52.0	-15.0	-43.9	46.5	251	0.0	0.375	1.0
281.9	255.0	258.0	0.0	0.25	1.0	36.3	9.7	-46.0	47.1	281.9	0.0	0.609	1.0	49.8	-11.7	-44.1	45.8	255	0.0	0.25	1.0	0.0	1.0	0.566	1.0	48.2	-9.4	-44.4	45.5	258	0.0	0.25	1.0
290.6	262.5	264.9	0.0	0.125	1.0	31.8	17.5	-46.6	49.9	290.6	0.0	0.496	1.0	45.7	-5.4	-44.6	45.1	263	0.0	0.125	1.0	0.0	1.0	0.471	1.0	44.6	-3.8	-44.8	45.1	265	0.0	0.125	1.0
299.0	270.0	271.7	0.0	0.0	1.0	27.2	26.2	-47.1	54.0	299.0	0.0	0.407	1.0	42.1	0.0	-45.2	45.3	270	0.0	0.0	1.0	0.0	1.0	0.382	1.0	41.1	1.6	-45.2	45.3	272	0.0	0.0	1.0
308.3	277.5	278.8	0.125	0.0	1.0	29.2	34.0	-43.0	54.9	308.3	0.0	0.302	1.0	38.2	6.5	-45.8	46.3	278	0.125	0.0	1.0	0.0	1.0	0.289	1.0	37.7	7.3	-45.9	46.5	279	0.125	0.0	1.0
316.7	285.0	286.0	0.25	0.0	1.0	31.0	40.3	-38.0	55.5	316.7	0.0	0.205	1.0	34.7	12.4	-46.4	48.1	285	0.25	0.0	1.0	0.0	1.0	0.191	1.0	34.2	13.3	-46.4	48.4	286	0.25	0.0	1.0
323.6	292.5	293.1	0																														

See original or copy: <http://web.me.com/klaus.richter/OE36/OE36L0NP.PDF> / .PS
Technical information: <http://www.ps.bam.de> or <http://130.149.60.45/~farbmerrick>

TUV registration: 20110301-OE36/OE36L0NP.PDF /.PS
application for measurement of printer or monitor systems

TUB material: code=rh4ta

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Six hue angles of the device colours d. $\lambda_{ab,d} = 31.7, 36.0, 132.0, 234.4, 255.0, 354.3$, six hue angles of the elementary colours e. $\lambda_{ab,e} = 23.3, 32.3, 102.2, 217.0, 271.7, 326.0$																																																											
$\lambda_{ab,d}$	$\lambda_{ab,s}$	$\lambda_{ab,e}$	$rgb^*_{ab} * dd361Mi$									$LAB^*_{ab} * dd361Mix (x=LabCh)$									$rgb^*_{ab} * s50M$									$LAB^*_{ab} * de361Mi$									$LAB^*_{ab} * de361Mix (x=LabCh)$									$rgb^*_{ab} * e50M$									$rgb^*_{ab} * d$	$a^*_{ab} * d$	$b^*_{ab} * d$
31	30	25	1.0	0.0	0.024	47.8	67.0	40.3	78.2	31	R_d	1.0	0.0	0.057	47.9	67.2	38.8	77.6	30	1.0	0.0	0.0R _s	1.0	0.0	0.204	47.9	68.1	31.8	75.1	25	1.0	0.0	0.0R _e																										
32	31	27	1.0	0.005	0.0	48.0	66.5	41.6	78.5	32		1.0	0.0	0.024	47.8	67.0	40.3	78.2	31	1.0	0.017	0.0	1.0	0.0	0.15	47.9	67.7	34.5	76.0	27	1.0	0.017	0.0																										
33	32	28	1.0	0.022	0.0	48.6	65.3	42.4	77.9	33		1.0	0.005	0.0	48.0	66.5	41.6	78.5	32	1.0	0.033	0.0	1.0	0.0	0.123	47.9	67.5	35.9	76.4	28	1.0	0.033	0.0																										
34	33	29	1.0	0.039	0.0	49.1	64.1	43.3	77.4	34		1.0	0.022	0.0	48.6	65.3	42.4	77.9	33	1.0	0.05	0.0	1.0	0.0	0.09	47.9	67.4	37.3	77.0	29	1.0	0.05	0.0																										
35	34	30	1.0	0.056	0.0	49.7	62.9	44.1	76.8	35		1.0	0.039	0.0	49.1	64.1	43.3	77.4	34	1.0	0.067	0.0	1.0	0.0	0.057	47.9	67.2	38.8	77.6	30	1.0	0.067	0.0																										
36	35	31	1.0	0.074	0.0	50.3	61.7	44.8	76.3	36		1.0	0.056	0.0	49.7	62.9	44.1	76.8	35	1.0	0.083	0.0	1.0	0.0	0.024	47.8	67.0	40.3	78.2	31	1.0	0.083	0.0																										
37	36	32	1.0	0.091	0.0	50.9	60.5	45.6	75.7	37		1.0	0.074	0.0	50.3	61.7	44.8	76.3	36	1.0	0.1	0.0	1.0	0.005	0.0	48.0	66.5	41.6	78.5	32	1.0	0.1	0.0																										
38	37	33	1.0	0.108	0.0	51.4	59.2	46.3	75.2	38		1.0	0.091	0.0	50.9	60.5	45.6	75.7	37	1.0	0.117	0.0	1.0	0.022	0.0	48.6	65.3	42.4	77.9	33	1.0	0.117	0.0																										
39	38	34	1.0	0.125	0.0	52.0	58.0	47.0	74.6	39		1.0	0.108	0.0	51.4	59.2	46.3	75.2	38	1.0	0.133	0.0	1.0	0.039	0.0	49.1	61.1	43.3	77.4	34	1.0	0.133	0.0																										
40	39	36	1.0	0.139	0.0	52.5	56.9	47.7	74.2	40		1.0	0.125	0.0	52.0	58.0	47.0	74.6	39	1.0	0.15	0.0	1.0	0.074	0.0	50.3	64.7	44.8	76.3	36	1.0	0.15	0.0																										
41	40	37	1.0	0.153	0.0	53.1	55.7	48.5	73.9	41		1.0	0.139	0.0	52.5	56.9	47.7	74.2	40	1.0	0.167	0.0	1.0	0.091	0.0	50.9	60.5	45.6	75.7	37	1.0	0.167	0.0																										
42	41	38	1.0	0.167	0.0	53.6	54.6	49.2	73.5	42		1.0	0.153	0.0	53.1	55.7	48.5	73.9	41	1.0	0.183	0.0	1.0	0.108	0.0	51.4	59.2	46.3	75.2	38	1.0	0.183	0.0																										
43	42	39	1.0	0.181	0.0	54.2	53.5	49.9	73.1	43		1.0	0.167	0.0	53.6	54.6	49.2	73.5	42	1.0	0.2	0.0	1.0	0.125	0.0	52.0	58.0	47.0	74.6	39	1.0	0.2	0.0																										
44	43	40	1.0	0.195	0.0	54.7	52.3	50.5	72.7	44		1.0	0.181	0.0	54.2	53.5	49.9	73.1	43	1.0	0.217	0.0	1.0	0.139	0.0	52.5	56.9	47.7	74.2	40	1.0	0.217	0.0																										
45	44	41	1.0	0.209	0.0	55.2	51.1	51.1	72.3	45		1.0	0.195	0.0	54.7	52.3	50.5	72.7	44	1.0	0.233	0.0	1.0	0.153	0.0	53.1	55.7	48.5	73.9	41	1.0	0.233	0.0																										
46	45	42	1.0	0.222	0.0	55.8	50.0	51.8	72.0	46		1.0	0.209	0.0	55.2	51.1	51.1	72.3	45	1.0	0.25	0.0	1.0	0.167	0.0	53.6	54.6	49.2	73.5	42	1.0	0.25	0.0																										
47	46	43	1.0	0.236	0.0	56.3	48.8	52.3	71.6	47		1.0	0.222	0.0	55.8	50.0	51.8	72.0	46	1.0	0.267	0.0	1.0	0.181	0.0	54.2	53.5	49.9	73.1	43	1.0	0.267	0.0																										
48	47	44	1.0	0.25	0.0	56.9	47.6	52.9	71.2	48		1.0	0.236	0.0	56.3	48.8	52.3	71.6	47	1.0	0.283	0.0	1.0	0.195	0.0	54.7	52.3	50.5	72.7	44	1.0	0.283	0.0																										
49	48	46	1.0	0.262	0.0	57.4	46.6	53.6	71.0	49		1.0	0.25	0.0	56.9	47.6	52.9	71.2	48	1.0	0.3	0.0	1.0	0.222	0.0	55.8	50.0	51.8	72.0	46	1.0	0.3	0.0																										
50	49	47	1.0	0.275	0.0	57.9	45.6	54.3	70.9	50		1.0	0.262	0.0	57.4	46.6	53.6	71.0	49	1.0	0.317	0.0	1.0	0.236	0.0	56.3	48.8	52.3	71.6	47	1.0	0.317	0.0																										
51	50	48	1.0	0.287	0.0	58.5	44.5	54.9	70.7	51		1.0	0.275	0.0	57.9	45.6	54.3	70.9	50	1.0	0.333	0.0	1.0	0.25	0.0	56.9	47.6	52.9	71.2	48	1.0	0.333	0.0																										
52	51	49	1.0	0.299	0.0	59.0	43.4	55.6	70.5	52		1.0	0.287	0.0	58.5	44.5	54.9	70.7	51	1.0	0.35	0.0	1.0	0.262	0.0	57.4	46.6	53.6	71.0	49	1.0	0.35	0.0																										
53	52	50	1.0	0.312	0.0	59.6	42.3	56.2	70.4	53		1.0	0.299	0.0	59.0	43.4	55.6	70.5	52	1.0	0.367	0.0	1.0	0.275	0.0	57.9	45.6	54.3	70.9	50	1.0	0.367	0.0																										
54	53	51	1.0	0.324	0.0	60.1	41.3	56.8	70.2	54		1.0	0.312	0.0	59.6	42.3	56.2	70.4	53	1.0	0.383	0.0	1.0	0.289	0.0	58.5	44.5	54.9	70.7	51	1.0	0.383	0.0																										
55	54	52	1.0	0.336	0.0	60.7	40.2	57.4	70.0	55		1.0	0.324	0.0	60.1	41.3	56.8	70.2	54	1.0	0.4	0.0	1.0	0.297	0.0	59.0	43.4	55.6	70.5	52	1.0	0.4	0.0																										
56	55	53	1.0	0.349	0.0	61.2	39.1	57.9	69.9	56		1.0	0.336	0.0	60.7	40.2	57.4	70.0	55	1.0	0.417	0.0	1.0	0.312	0.0	59.6	42.3	56.2	70.4	53	1.0	0.417	0.0																										
57	56	54	1.0	0.361	0.0	61.7	38.0	58.4	69.7	57		1.0	0.349	0.0	61.2	39.1	57.9	69.9	56	1.0	0.433	0.0	1.0	0.324	0.0	60.1	41.3	56.8	70.2	54	1.0	0.433	0.0																										
58	57	56	1.0	0.373	0.0	62.3	36.8	59.0	69.5	58		1.0	0.361	0.0	61.7	38.0	58.4	69.7	57	1.0	0.45	0.0	1.0	0.349	0.0	61.2	39.1	57.9	69.9	56	1.0	0.45	0.0																										
59	58	57	1.0	0.385	0.0	62.9	35.8	59.6	69.6	59		1.0	0.373	0.0	62.3	36.8	59.0	69.5	58	1.0	0.467	0.0	1.0	0.361	0.0	61.7	38.0	58.4	69.7	57	1.0	0.467	0.0																										
60	59	58	1.0	0.397	0.0	63.4	34.8	60.3	69.6	60		1.0	0.385	0.0	62.9	35.8	59.6	69.6	59	1.0	0.483	0.0	1.0	0.373	0.0	62.3	36.8	59.0	69.5	58	1.0	0.483	0.0																										
61	60	59	1.0	0.409	0.0	64.0	33.8	61.0	69.7	61		1.0	0.397	0.0	63.4	34.8	60.3	69.6	60	1.0	0.5	0.0	1.0	0.385	0.0	62.9	35.8	59.6	69.6	59	1.0	0.5	0.0																										
62	61	60	1.0	0.421	0.0	64.6	32.8	61.6	69.8	62		1.0	0.409	0.0	64.0	33.8	61.0	69.7	61	1.0	0.517	0.0	1.0	0.397	0.0	63.4	34.8	60.3	69.6	60	1.0	0.517	0.0																										
63	62	61	1.0	0.433	0.0	65.1	31.7	62.3	69.9	63		1.0	0.421	0.0	64.6	32.8	61.6	69.8	62	1.0	0.533	0.0	1.0	0.409	0.0	64.0	33.8	61.0	69.7	61	1.0	0.533	0.0																										
64	63	62	1.0	0.445	0.0	65.7	30.7	62.9	70.0	64		1.0	0.433	0.0	65.1	31.7	62.3	69.9	63	1.0	0.55	0.0	1.0	0.421	0.0	64.6	32.8	61.6	69.8	62	1.0	0.55	0.0																										
65	64	63	1.0	0.456	0.0	66.3	29.6	63.5	70.1	65		1.0	0.445	0.0	65.7	30.7	62.9	70.0	64	1.0	0.567	0.0	1.0	0.433	0.0	65.1	31.7	62.3	69.9	63	1.0	0.567	0.0																										
66	65	64	1.0	0.468	0.0	66.8	28.5	64.1	70.1	66		1.0	0.456	0.0	66.3	29.6	63.5	70.1	65	1.0	0.583	0.0	1.0	0.445	0.0	65.7	30.7	62.9	70.0	64	1.0	0.583	0.0																										
67	66	66	1.0	0.48	0.0	67.4	27.4	64.6	70.2	67		1.0	0.468	0.0	66.8	28.5	64.1	70.1	66	1.0	0.6	0.0	1.0	0.468	0.0	66.8	28.5	64.1	70.1	66	1.0	0.6	0.0																										
68	67	67	1.0	0.492	0.0	68.0	26.3	65.2	70.3	68		1.0	0.48	0.0	67.4	27.4	64.6	70.2	67	1.0	0.617	0.0	1.0	0.48	0.0	67.4	27.4	64.6	70.2	67	1.0	0.617	0.0																										
69	68	68	1.0	0.504	0.0	68.6	25.3	65.8	70.5	69		1.0	0.492	0.0	68.0	26.3	65.2	70.3	68	1.0	0.633	0.0	1.0	0.492	0.0	68.0	26.3	65.2	70.3	68	1.0	0.633	0.0																										
70	69	69	1.0	0.518	0.0	69.2	24.2	66.6	70.8	70		1.0	0.504	0.0	68.6	25.3	65.8	70.5	69	1.0	0.65	0.0	1.0	0.504	0.0	68.6	25.3	65.8	70.5	69	1.0	0.65	0.0																										
71	70	70	1.0	0.532</																																																							

See original or copy: <http://web.me.com/klaus.richter/OE36/OE36L0NP.PDF> /.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 ORS08_18_96; separation cmyn4*, 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: $h_{ab,d} = 31.7, 96.0, 152.6, 234.4, 299.0, 354.5$; Six hue angles of the elementary colours e: $h_{ab,e} = 25.5, 92.3, 162.2, 217.0, 271.7, 328.6$																																			
$h_{ab,d}$	$h_{ab,s}$	$h_{ab,e}$	$rgb^*_{dd361Mi}$			$LAB^*_{dd361Mix}(x=LabCh)$			$rgb^*_{ds361Mi}$			$LAB^*_{ds361Mix}(x=LabCh)$			rgb^*_{s50M}			$rgb^*_{de361Mi}$			$LAB^*_{de361Mix}(x=LabCh)$			rgb^*_{e50M}			rgb^*_{da}	rgb^*_{db}							
76	75	76	1.0	0.599	0.0	73.0	17.7	70.9	73.1	76	1.0	0.586	0.0	72.3	18.8	70.2	72.7	75	1.0	0.75	0.0	1.0	0.599	0.0	73.0	17.7	70.9	73.1	76	1.0	0.75	0.0			
77	76	77	1.0	0.613	0.0	73.6	16.5	71.6	73.4	77	1.0	0.599	0.0	73.0	17.7	70.9	73.1	76	1.0	0.767	0.0	1.0	0.613	0.0	73.6	16.5	71.6	73.4	77	1.0	0.767	0.0			
78	77	78	1.0	0.627	0.0	74.2	15.4	72.2	73.8	78	1.0	0.613	0.0	73.6	16.5	71.6	73.4	77	1.0	0.783	0.0	1.0	0.627	0.0	74.2	15.4	72.2	73.8	78	1.0	0.783	0.0			
79	78	79	1.0	0.643	0.0	75.0	14.2	73.1	74.4	79	1.0	0.627	0.0	74.2	15.4	72.2	73.8	78	1.0	0.8	0.0	1.0	0.643	0.0	75.0	14.2	73.1	74.4	79	1.0	0.8	0.0			
80	79	80	1.0	0.659	0.0	75.7	13.0	73.9	75.0	80	1.0	0.643	0.0	75.0	14.2	73.1	74.4	79	1.0	0.817	0.0	1.0	0.659	0.0	75.7	13.0	73.9	75.0	80	1.0	0.817	0.0			
81	80	81	1.0	0.675	0.0	76.5	11.8	74.7	75.6	81	1.0	0.659	0.0	75.7	13.0	73.9	75.0	80	1.0	0.833	0.0	1.0	0.675	0.0	76.5	11.8	74.7	75.6	81	1.0	0.833	0.0			
82	81	82	1.0	0.691	0.0	77.3	10.6	75.5	76.2	82	1.0	0.675	0.0	76.5	11.8	74.7	75.6	81	1.0	0.85	0.0	1.0	0.691	0.0	77.3	10.6	75.5	76.2	82	1.0	0.85	0.0			
83	82	83	1.0	0.707	0.0	78.0	9.4	76.2	76.8	83	1.0	0.691	0.0	77.3	10.6	75.5	76.2	82	1.0	0.867	0.0	1.0	0.707	0.0	78.0	9.4	76.2	76.8	83	1.0	0.867	0.0			
84	83	85	1.0	0.723	0.0	78.8	8.1	77.0	77.4	84	1.0	0.707	0.0	78.0	9.4	76.2	76.8	83	1.0	0.883	0.0	1.0	0.739	0.0	79.5	6.8	77.7	78.0	85	1.0	0.883	0.0			
85	84	86	1.0	0.739	0.0	79.5	6.8	77.7	78.0	85	1.0	0.723	0.0	78.8	8.1	77.0	77.4	84	1.0	0.9	0.0	1.0	0.758	0.0	80.4	5.5	78.6	78.8	86	1.0	0.9	0.0			
86	85	87	1.0	0.758	0.0	80.4	5.5	78.6	78.8	86	1.0	0.739	0.0	79.5	6.8	77.7	78.0	85	1.0	0.917	0.0	1.0	0.78	0.0	81.3	4.2	79.7	79.8	87	1.0	0.917	0.0			
87	86	88	1.0	0.78	0.0	81.3	4.2	79.7	79.8	87	1.0	0.758	0.0	80.4	5.5	78.6	78.8	86	1.0	0.933	0.0	1.0	0.803	0.0	82.2	2.8	80.7	80.8	88	1.0	0.933	0.0			
88	87	89	1.0	0.803	0.0	82.2	2.8	80.7	80.8	88	1.0	0.78	0.0	81.3	4.2	79.7	79.8	87	1.0	0.95	0.0	1.0	0.825	0.0	83.0	1.4	81.8	81.8	89	1.0	0.95	0.0			
89	88	90	1.0	0.825	0.0	83.0	1.4	81.8	81.8	89	1.0	0.803	0.0	82.2	2.8	80.7	80.8	88	1.0	0.967	0.0	1.0	0.848	0.0	83.9	0.0	82.8	82.8	90	1.0	0.967	0.0			
90	89	91	1.0	0.848	0.0	83.9	0.0	82.8	82.8	90	1.0	0.825	0.0	83.0	1.4	81.8	81.8	89	1.0	0.983	0.0	1.0	0.87	0.0	84.8	-1.4	83.9	83.9	91	1.0	0.983	0.0			
91	90	92	1.0	0.87	0.0	84.8	-1.4	83.9	83.9	91	1.0	0.848	0.0	83.9	0.0	82.8	82.8	90	1.0	1.0	0.0 $_{\text{e}}$	1.0	0.895	0.0	85.9	-2.9	85.1	85.1	92	1.0	1.0	0.0 $_{\text{e}}$			
92	91	93	1.0	0.895	0.0	85.9	-2.9	85.1	85.1	92	1.0	0.87	0.0	84.8	-1.4	83.9	83.9	91	1.0	0.983	1.0	0.0	1.0	0.921	0.0	87.0	-4.4	86.4	86.5	93	0.983	1.0	0.0		
93	92	95	1.0	0.921	0.0	87.0	-4.4	86.4	86.5	93	1.0	0.895	0.0	85.9	-2.9	85.1	85.1	92	0.967	1.0	0.0	1.0	0.973	0.0	89.2	-7.7	88.9	89.2	95	0.967	1.0	0.0			
94	93	96	1.0	0.947	0.0	88.1	-6.0	87.6	87.9	94	1.0	0.921	0.0	87.0	-4.4	86.4	86.5	93	0.95	1.0	0.0	1.0	0.999	0.0	90.3	-9.4	90.1	90.6	96	0.95	1.0	0.0			
95	94	97	1.0	0.973	0.0	89.2	-7.7	88.9	89.2	95	1.0	0.947	0.0	88.1	-6.0	87.6	87.9	94	0.933	1.0	0.0	0.967	1.0	0.0	89.2	-10.8	88.8	89.4	97	0.933	1.0	0.0			
96	95	98	1.0	0.999	0.0	90.3	-9.4	90.1	90.6	96	1.0	0.973	0.0	89.2	-7.7	88.9	89.2	95	0.917	1.0	0.0	0.933	1.0	0.0	88.1	-12.2	87.4	88.2	98	0.917	1.0	0.0			
97	96	99	0.967	1.0	0.0	89.2	-10.8	88.8	89.4	97	1.0	0.999	0.0	90.3	-9.4	90.1	90.6	96	0.9	1.0	0.0	0.898	1.0	0.0	87.0	-13.5	85.9	87.0	99	0.9	1.0	0.0			
98	97	100	0.933	1.0	0.0	88.1	-12.2	87.4	88.2	98	0.967	1.0	0.0	89.2	-10.8	88.8	89.4	97	0.883	1.0	0.0	0.864	1.0	0.0	86.0	-14.8	84.6	85.9	100	0.883	1.0	0.0			
99	98	102	0.898	1.0	0.0	87.0	-13.5	85.9	87.0	99	0.933	1.0	0.0	88.1	-12.2	87.4	88.2	98	0.867	1.0	0.0	0.795	1.0	0.0	83.8	-17.3	82.0	83.9	102	0.867	1.0	0.0			
100	99	103	0.864	1.0	0.0	86.0	-14.8	84.6	85.9	100	0.898	1.0	0.0	87.0	-13.5	85.9	87.0	99	0.85	1.0	0.0	0.76	1.0	0.0	82.7	-18.5	80.8	82.9	103	0.85	1.0	0.0			
101	100	104	0.829	1.0	0.0	84.9	-16.1	83.3	84.9	101	0.864	1.0	0.0	86.0	-14.8	84.6	85.9	100	0.833	1.0	0.0	0.737	1.0	0.0	81.9	-19.7	79.3	81.7	104	0.833	1.0	0.0			
102	101	105	0.795	1.0	0.0	83.8	-17.3	82.0	83.9	102	0.829	1.0	0.0	84.9	-16.1	83.3	84.9	101	0.817	1.0	0.0	0.719	1.0	0.0	81.3	-20.7	77.6	80.4	105	0.817	1.0	0.0			
103	102	106	0.76	1.0	0.0	82.7	-18.5	80.8	82.9	103	0.795	1.0	0.0	83.8	-17.3	82.0	83.9	102	0.8	1.0	0.0	0.702	1.0	0.0	80.6	-21.7	76.0	79.1	106	0.8	1.0	0.0			
104	103	107	0.737	1.0	0.0	81.9	-19.7	79.3	81.7	104	0.76	1.0	0.0	82.7	-18.5	80.8	82.9	103	0.783	1.0	0.0	0.684	1.0	0.0	79.9	-22.6	74.4	77.8	107	0.783	1.0	0.0			
105	104	109	0.719	1.0	0.0	81.3	-20.7	77.6	80.4	105	0.737	1.0	0.0	81.9	-19.7	79.3	81.7	104	0.767	1.0	0.0	0.648	1.0	0.0	78.6	-24.4	71.1	75.2	109	0.767	1.0	0.0			
106	105	110	0.702	1.0	0.0	80.6	-21.7	76.0	79.1	106	0.719	1.0	0.0	81.3	-20.7	77.6	80.4	105	0.75	1.0	0.0	0.63	1.0	0.0	77.9	-25.2	69.4	73.9	110	0.75	1.0	0.0			
107	106	111	0.684	1.0	0.0	79.9	-22.6	74.4	77.8	107	0.702	1.0	0.0	80.6	-21.7	76.0	79.1	106	0.733	1.0	0.0	0.612	1.0	0.0	77.3	-26.1	68.3	73.1	111	0.733	1.0	0.0			
108	107	112	0.666	1.0	0.0	79.3	-23.5	72.7	76.5	108	0.684	1.0	0.0	79.9	-22.6	74.4	77.8	107	0.717	1.0	0.0	0.594	1.0	0.0	76.6	-27.1	67.4	72.6	112	0.717	1.0	0.0			
109	108	113	0.648	1.0	0.0	78.6	-24.4	71.1	75.2	109	0.666	1.0	0.0	79.3	-23.5	72.7	76.5	108	0.7	1.0	0.0	0.576	1.0	0.0	76.0	-28.1	66.4	72.2	113	0.7	1.0	0.0			
110	109	114	0.63	1.0	0.0	77.9	-25.2	69.4	73.9	110	0.648	1.0	0.0	78.6	-24.4	71.1	75.2	109	0.683	1.0	0.0	0.558	1.0	0.0	75.3	-29.0	65.5	71.7	114	0.683	1.0	0.0			
111	110	116	0.612	1.0	0.0	77.3	-26.1	68.3	73.1	111	0.63	1.0	0.0	77.9	-25.2	69.4	73.9	110	0.667	1.0	0.0	0.522	1.0	0.0	74.0	-30.9	63.5	70.7	116	0.667	1.0	0.0			
112	111	117	0.594	1.0	0.0	76.6	-27.1	67.4	72.6	112	0.612	1.0	0.0	77.3	-26.1	68.3	73.1	111	0.65	1.0	0.0	0.504	1.0	0.0	73.3	-31.8	62.5	70.2	117	0.65	1.0	0.0			
113	112	118	0.576	1.0	0.0	76.0	-28.1	66.4	72.2	113	0.594	1.0	0.0	76.6	-27.1	67.4	72.6	112	0.633	1.0	0.0	0.486	1.0	0.0	72.7	-32.7	61.7	69.9	118	0.633	1.0	0.0			
114	113	119	0.558	1.0	0.0	75.3	-29.0	65.5	71.7	114	0.576	1.0	0.0	76.0	-28.1	66.4	72.2	113	0.617	1.0	0.0	0.469	1.0	0.0	72.1	-33.7	61.0	69.7	119	0.617	1.0	0.0			
115	114	120	0.54	1.0	0.0	74.7	-30.0	64.5	71.2	115	0.558	1.0	0.0	75.3	-29.0	65.5	71.7	114	0.6	1.0	0.0	0.452	1.0	0.0	71.4	-34.7	60.2	69.5	120	0.6	1.0	0.0			
116	115	121	0.522	1.0	0.0	74.0	-30.9	63.5	70.7	116	0.54	1.0	0.0	74.7	-30.0	64.5	71.2	115	0.5																

OE360-7N, Page of series 4/20, RX0, D65, XYZnw=3.5, 3.7, 3.9, 86.2, 91.2, 96.1, LAB*_{nw}=22.6, 0.3, 0.7, 96.5, -0.8, 2.1, not adapted

TUB-test chart OE36; 48 and 360 step hue circles, Page 4/20
Data of Offset print ORS08_18_96, separation cmyn6*, D65 and D50

Output: Offset print ORS08_18_96; separation cmyn4*, D65 and D50, page 4/20

input: rgb^*_d set $rgbcolor$
output: $cmyn4^*_d = f_4(rgb^*_d)$

TUB registration: 20110301-OE36/OE36L0NP.PDF /.PS
application for measurement of printer or monitor systems

TUB material: code=rha4ta

See original or copy: <http://web.me.com/klaus.richter/OE36/OE36L0NP.PDF> /.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 ORS08_18_96; separation cmyn4*, 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: $h_{ab,d} = 31.7, 96.0, 152.6, 234.4, 299.0, 354.5$; Six hue angles of the elementary colours e: $h_{ab,e} = 25.5, 92.3, 162.2, 217.0, 271.7, 328.6$

h _{ab,d}	h _{ab,s}	h _{ab,e}	rgb* _d dd361Mi								LAB* _d dd361Mix (x=LabCh)								rgb* _s ds361Mi								LAB* _s ds361Mix (x=LabCh)								rgb* _s s50M								rgb* _d de361Mi								LAB* _d de361Mix (x=LabCh)								rgb* _s e50M								rgb* _d a	rgb* _d s	rgb* _d a	rgb* _d s
121	120	127	0.434	1.0	0.0	70.8	-35.6	59.4	69.3	121	0.452	1.0	0.0	71.4	-34.7	60.2	69.5	120	0.5	1.0	0.0	0.352	1.0	0.0	67.5	-40.8	54.3	68.0	127	0.5	1.0	0.0																																						
122	121	128	0.417	1.0	0.0	70.2	-36.5	58.6	69.1	122	0.434	1.0	0.0	70.8	-35.6	59.4	69.3	121	0.483	1.0	0.0	0.343	1.0	0.0	67.1	-41.6	53.4	67.8	128	0.483	1.0	0.0																																						
123	122	130	0.4	1.0	0.0	69.5	-37.4	57.8	68.9	123	0.417	1.0	0.0	70.2	-36.5	58.6	69.1	122	0.467	1.0	0.0	0.325	1.0	0.0	66.2	-43.2	51.6	67.3	130	0.467	1.0	0.0																																						
124	123	131	0.382	1.0	0.0	68.9	-38.3	57.0	68.7	124	0.4	1.0	0.0	69.5	-37.4	57.8	68.9	123	0.45	1.0	0.0	0.316	1.0	0.0	65.8	-43.9	50.6	67.1	131	0.45	1.0	0.0																																						
125	124	132	0.37	1.0	0.0	68.4	-39.2	56.1	68.5	125	0.382	1.0	0.0	68.9	-38.3	57.0	68.7	124	0.433	1.0	0.0	0.306	1.0	0.0	65.4	-44.6	49.7	66.9	132	0.433	1.0	0.0																																						
126	125	133	0.361	1.0	0.0	68.0	-40.0	55.2	68.3	126	0.37	1.0	0.0	68.4	-39.2	56.1	68.5	125	0.417	1.0	0.0	0.297	1.0	0.0	65.0	-45.3	48.7	66.6	133	0.417	1.0	0.0																																						
127	126	134	0.352	1.0	0.0	67.5	-40.8	54.3	68.0	127	0.361	1.0	0.0	68.0	-40.0	55.2	68.3	126	0.4	1.0	0.0	0.288	1.0	0.0	64.5	-46.0	47.7	66.4	134	0.4	1.0	0.0																																						
128	127	135	0.343	1.0	0.0	67.1	-41.6	53.4	67.8	128	0.352	1.0	0.0	67.5	-40.8	54.3	68.0	127	0.383	1.0	0.0	0.279	1.0	0.0	64.1	-46.7	46.8	66.1	135	0.383	1.0	0.0																																						
129	128	137	0.334	1.0	0.0	66.7	-42.4	52.5	67.6	129	0.343	1.0	0.0	67.1	-41.6	53.4	67.8	128	0.367	1.0	0.0	0.261	1.0	0.0	63.3	-47.9	44.8	65.7	137	0.367	1.0	0.0																																						
130	129	138	0.325	1.0	0.0	66.2	-43.2	51.6	67.3	130	0.334	1.0	0.0	66.7	-42.4	52.5	67.6	129	0.35	1.0	0.0	0.252	1.0	0.0	62.8	-48.5	43.8	65.4	138	0.35	1.0	0.0																																						
131	130	139	0.316	1.0	0.0	65.8	-43.9	50.6	67.1	131	0.325	1.0	0.0	66.2	-43.2	51.6	67.3	130	0.333	1.0	0.0	0.237	1.0	0.0	62.4	-49.5	43.1	65.7	139	0.333	1.0	0.0																																						
132	131	140	0.306	1.0	0.0	65.4	-44.6	49.7	66.9	132	0.316	1.0	0.0	65.8	-43.9	50.6	67.1	131	0.317	1.0	0.0	0.221	1.0	0.0	62.0	-50.5	42.5	66.0	140	0.317	1.0	0.0																																						
133	132	141	0.297	1.0	0.0	65.0	-45.3	48.7	66.6	133	0.306	1.0	0.0	65.4	-44.6	49.7	66.9	132	0.3	1.0	0.0	0.204	1.0	0.0	61.6	-51.5	41.8	66.4	141	0.3	1.0	0.0																																						
134	133	142	0.288	1.0	0.0	64.5	-46.0	47.7	66.4	134	0.297	1.0	0.0	65.0	-45.3	48.7	66.6	133	0.283	1.0	0.0	0.188	1.0	0.0	61.2	-52.6	41.1	66.8	142	0.283	1.0	0.0																																						
135	134	144	0.279	1.0	0.0	64.1	-46.7	46.8	66.1	135	0.288	1.0	0.0	64.5	-46.0	47.7	66.4	134	0.267	1.0	0.0	0.155	1.0	0.0	60.3	-54.6	39.7	67.6	144	0.267	1.0	0.0																																						
136	135	145	0.27	1.0	0.0	63.7	-47.3	45.8	65.9	136	0.279	1.0	0.0	64.1	-46.7	46.8	66.1	135	0.25	1.0	0.0	0.138	1.0	0.0	59.9	-55.6	39.0	68.0	145	0.25	1.0	0.0																																						
137	136	146	0.261	1.0	0.0	63.3	-47.9	44.8	65.7	137	0.27	1.0	0.0	63.7	-47.3	45.8	65.9	136	0.233	1.0	0.0	0.121	1.0	0.0	59.5	-56.6	38.3	68.4	146	0.233	1.0	0.0																																						
138	137	147	0.252	1.0	0.0	62.8	-48.5	43.8	65.4	138	0.261	1.0	0.0	63.3	-47.9	44.8	65.7	137	0.217	1.0	0.0	0.103	1.0	0.0	58.9	-57.9	37.7	69.2	147	0.217	1.0	0.0																																						
139	138	148	0.237	1.0	0.0	62.4	-49.5	43.1	65.7	139	0.252	1.0	0.0	62.8	-48.5	43.8	65.4	138	0.2	1.0	0.0	0.085	1.0	0.0	58.4	-59.2	37.0	69.9	148	0.2	1.0	0.0																																						
140	139	149	0.221	1.0	0.0	62.0	-50.5	42.5	66.0	140	0.237	1.0	0.0	62.4	-49.5	43.1	65.7	139	0.183	1.0	0.0	0.066	1.0	0.0	57.9	-60.4	36.4	70.6	149	0.183	1.0	0.0																																						
141	140	151	0.204	1.0	0.0	61.6	-51.5	41.8	66.4	141	0.221	1.0	0.0	62.0	-50.5	42.5	66.0	140	0.167	1.0	0.0	0.03	1.0	0.0	56.8	-62.9	34.9	72.0	151	0.167	1.0	0.0																																						
142	141	152	0.188	1.0	0.0	61.2	-52.6	41.1	66.8	142	0.204	1.0	0.0	61.6	-51.5	41.8	66.4	141	0.15	1.0	0.0	0.011	1.0	0.0	56.3	-64.1	34.1	72.7	152	0.15	1.0	0.0																																						
143	142	153	0.171	1.0	0.0	60.7	-53.6	40.5	67.2	143	0.188	1.0	0.0	61.2	-52.6	41.1	66.8	142	0.133	1.0	0.0	0.0	1.0	0.007	56.0	-64.8	33.1	72.8	153	0.133	1.0	0.0																																						
144	143	154	0.155	1.0	0.0	60.3	-54.6	39.7	67.6	144	0.171	1.0	0.0	60.7	-53.6	40.5	67.2	143	0.117	1.0	0.0	0.0	1.0	0.025	56.1	-64.5	31.5	71.9	154	0.117	1.0	0.0																																						
145	144	155	0.138	1.0	0.0	59.9	-55.6	39.0	68.0	145	0.155	1.0	0.0	60.3	-54.6	39.7	67.6	144	0.1	1.0	0.0	0.0	1.0	0.043	56.2	-64.2	30.0	71.0	155	0.1	1.0	0.0																																						
146	145	156	0.121	1.0	0.0	59.5	-56.6	38.3	68.4	146	0.138	1.0	0.0	59.9	-55.6	39.0	68.0	145	0.083	1.0	0.0	0.0	1.0	0.061	56.3	-63.9	28.5	70.0	156	0.083	1.0	0.0																																						
147	146	158	0.103	1.0	0.0	58.9	-57.9	37.7	69.2	147	0.121	1.0	0.0	59.5	-56.6	38.3	68.4	146	0.067	1.0	0.0	0.0	1.0	0.098	56.5	-63.1	25.5	68.1	158	0.067	1.0	0.0																																						
148	147	159	0.085	1.0	0.0	58.4	-59.2	37.0	69.9	148	0.103	1.0	0.0	58.9	-57.9	37.7	69.2	147	0.05	1.0	0.0	0.0	1.0	0.116	56.6	-62.6	24.1	67.2	159	0.05	1.0	0.0																																						
149	148	160	0.066	1.0	0.0	57.9	-60.4	36.4	70.6	149	0.085	1.0	0.0	58.4	-59.2	37.0	69.9	148	0.033	1.0	0.0	0.0	1.0	0.132	56.6	-62.3	22.7	66.4	160	0.033	1.0	0.0																																						
150	149	161	0.048	1.0	0.0	57.4	-61.7	35.7	71.3	150	0.066	1.0	0.0	57.9	-60.4	36.4	70.6	149	0.017	1.0	0.0	0.0	1.0	0.147	56.7	-62.0	21.4	65.7	161	0.017	1.0	0.0																																						
151	150	162	0.03	1.0	0.0	56.8	-62.9	34.9	72.0	151	0.048	1.0	0.0	57.4	-61.7	35.7	71.3	150	0.0	1.0	0.0G _s	0.0	1.0	0.162	56.8	-61.8	20.1	65.0	162	0.0	1.0	0.0G _e																																						
152	151	163	0.011	1.0	0.0	56.3	-64.1	34.1	72.7	152G _d	0.03	1.0	0.0	56.8	-62.9	34.9	72.0	151	0.0	1.0	0.017	0.0	1.0	0.177	56.9	-61.5	18.8	64.4	163	0.0	1.0	0.017																																						
153	152	164	0.0	1.0	0.007	56.0	-64.8	33.1	72.8	153	0.011	1.0	0.0	56.3	-64.1	34.1	72.7	152	0.0	1.0	0.033	0.0	1.0	0.192	56.9	-61.1	17.6	63.7	164	0.0	1.0	0.033																																						
154																																																																						

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

Data of Maximum color M in colorimetric system Offset print ORS08_18_96; separation cmyn4*, 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: $h_{ab,d} = 31.7, 96.0, 152.6, 234.4, 299.0, 354.5$; 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	0.222	57.1	-60.4	15.1	62.3	166	0.0	1.0	0.207	57.0	-60.8	16.3	63.0	165	0.0	1.0	0.25	0.0	1.0	0.34	57.9	-56.5	4.0	56.8	176	0.0	1.0	0.25					
167	166	177	0.0	1.0	0.237	57.1	-60.0	13.9	61.7	167	0.0	1.0	0.222	57.1	-60.4	15.1	62.3	166	0.0	1.0	0.267	0.0	1.0	0.351	58.0	-56.1	2.9	56.2	177	0.0	1.0	0.267					
168	167	178	0.0	1.0	0.252	57.2	-59.6	12.7	61.0	168	0.0	1.0	0.237	57.1	-60.0	13.9	61.7	167	0.0	1.0	0.283	0.0	1.0	0.362	58.1	-55.6	1.9	55.7	178	0.0	1.0	0.283					
169	168	179	0.0	1.0	0.263	57.3	-59.3	11.5	60.5	169	0.0	1.0	0.252	57.2	-59.6	12.7	61.0	168	0.0	1.0	0.3	0.0	1.0	0.373	58.2	-55.1	1.0	55.2	179	0.0	1.0	0.3					
170	169	180	0.0	1.0	0.274	57.4	-58.9	10.4	60.0	170	0.0	1.0	0.263	57.3	-59.3	11.5	60.5	169	0.0	1.0	0.317	0.0	1.0	0.384	58.3	-54.7	0.0	54.8	180	0.0	1.0	0.317					
171	170	180	0.0	1.0	0.285	57.5	-58.6	9.3	59.4	171	0.0	1.0	0.274	57.4	-58.9	10.4	60.0	170	0.0	1.0	0.333	0.0	1.0	0.384	58.3	-54.7	0.0	54.8	180	0.0	1.0	0.333					
172	171	181	0.0	1.0	0.296	57.5	-58.2	8.2	58.9	172	0.0	1.0	0.285	57.5	-58.6	9.3	59.4	171	0.0	1.0	0.35	0.0	1.0	0.394	58.4	-54.4	-0.9	54.5	181	0.0	1.0	0.35					
173	172	182	0.0	1.0	0.307	57.6	-57.8	7.1	58.4	173	0.0	1.0	0.296	57.5	-58.2	8.2	58.9	172	0.0	1.0	0.367	0.0	1.0	0.405	58.5	-54.0	-1.8	54.1	182	0.0	1.0	0.367					
174	173	183	0.0	1.0	0.318	57.7	-57.4	6.0	57.8	174	0.0	1.0	0.307	57.6	-57.8	7.1	58.4	173	0.0	1.0	0.383	0.0	1.0	0.416	58.6	-53.6	-2.7	53.8	183	0.0	1.0	0.383					
175	174	184	0.0	1.0	0.329	57.8	-57.0	5.0	57.3	175	0.0	1.0	0.318	57.7	-57.4	6.0	57.8	174	0.0	1.0	0.4	0.0	1.0	0.427	58.7	-53.2	-3.6	53.4	184	0.0	1.0	0.4					
176	175	185	0.0	1.0	0.34	57.9	-56.5	4.0	56.8	176	0.0	1.0	0.329	57.8	-57.0	5.0	57.3	175	0.0	1.0	0.417	0.0	1.0	0.438	58.8	-52.8	-4.5	53.1	185	0.0	1.0	0.417					
177	176	186	0.0	1.0	0.351	58.0	-56.1	2.9	56.2	177	0.0	1.0	0.34	57.9	-56.5	4.0	56.8	176	0.0	1.0	0.433	0.0	1.0	0.448	58.9	-52.4	-5.4	52.7	186	0.0	1.0	0.433					
178	177	187	0.0	1.0	0.362	58.1	-55.6	1.9	55.7	178	0.0	1.0	0.351	58.0	-56.1	2.9	56.2	177	0.0	1.0	0.45	0.0	1.0	0.459	59.0	-51.9	-6.3	52.4	187	0.0	1.0	0.45					
179	178	188	0.0	1.0	0.373	58.2	-55.1	1.0	55.2	179	0.0	1.0	0.362	58.1	-55.6	1.9	55.7	178	0.0	1.0	0.467	0.0	1.0	0.47	59.0	-51.5	-7.1	52.1	188	0.0	1.0	0.467					
180	179	189	0.0	1.0	0.384	58.3	-54.7	0.0	54.8	180	0.0	1.0	0.373	58.2	-55.1	1.0	55.2	179	0.0	1.0	0.483	0.0	1.0	0.481	59.1	-51.0	-8.0	51.7	189	0.0	1.0	0.483					
181	180	190	0.0	1.0	0.394	58.4	-54.4	-0.9	54.5	181	0.0	1.0	0.384	58.3	-54.7	0.0	54.8	180	0.0	1.0	0.5	0.0	1.0	0.492	59.2	-50.5	-8.8	51.4	190	0.0	1.0	0.5					
182	181	191	0.0	1.0	0.405	58.5	-54.0	-1.8	54.1	182	0.0	1.0	0.394	58.4	-54.4	-0.9	54.5	181	0.0	1.0	0.517	0.0	1.0	0.503	59.3	-50.0	-9.6	51.1	191	0.0	1.0	0.517					
183	182	191	0.0	1.0	0.416	58.6	-53.6	-2.7	53.8	183	0.0	1.0	0.405	58.5	-54.0	-1.8	54.1	182	0.0	1.0	0.533	0.0	1.0	0.503	59.3	-50.0	-9.6	51.1	191	0.0	1.0	0.533					
184	183	192	0.0	1.0	0.427	58.7	-53.2	-3.6	53.4	184	0.0	1.0	0.416	58.6	-53.6	-2.7	53.8	183	0.0	1.0	0.55	0.0	1.0	0.514	59.4	-49.7	-10.5	50.9	192	0.0	1.0	0.55					
185	184	193	0.0	1.0	0.438	58.8	-52.8	-4.5	53.1	185	0.0	1.0	0.427	58.7	-53.2	-3.6	53.4	184	0.0	1.0	0.567	0.0	1.0	0.525	59.5	-49.3	-11.3	50.7	193	0.0	1.0	0.567					
186	185	194	0.0	1.0	0.448	58.9	-52.4	-5.4	52.7	186	0.0	1.0	0.438	58.8	-52.8	-4.5	53.1	185	0.0	1.0	0.583	0.0	1.0	0.537	59.5	-48.9	-12.1	50.5	194	0.0	1.0	0.583					
187	186	195	0.0	1.0	0.459	59.0	-51.9	-6.3	52.4	187	0.0	1.0	0.448	58.9	-52.4	-5.4	52.7	186	0.0	1.0	0.6	0.0	1.0	0.548	59.6	-48.5	-12.9	50.4	195	0.0	1.0	0.6					
188	187	196	0.0	1.0	0.47	59.0	-51.5	-7.1	52.1	188	0.0	1.0	0.459	59.0	-51.9	-6.3	52.4	187	0.0	1.0	0.617	0.0	1.0	0.559	59.7	-48.1	-13.7	50.2	196	0.0	1.0	0.617					
189	188	197	0.0	1.0	0.481	59.1	-51.0	-8.0	51.7	189	0.0	1.0	0.47	59.0	-51.5	-7.1	52.1	188	0.0	1.0	0.633	0.0	1.0	0.571	59.7	-47.7	-14.5	50.0	197	0.0	1.0	0.633					
190	189	198	0.0	1.0	0.492	59.2	-50.5	-8.8	51.4	190	0.0	1.0	0.481	59.1	-51.0	-8.0	51.7	189	0.0	1.0	0.65	0.0	1.0	0.582	59.8	-47.3	-15.3	49.8	198	0.0	1.0	0.65					
191	190	199	0.0	1.0	0.503	59.3	-50.0	-9.6	51.1	191	0.0	1.0	0.492	59.2	-50.5	-8.8	51.4	190	0.0	1.0	0.667	0.0	1.0	0.594	59.9	-46.8	-16.1	49.7	199	0.0	1.0	0.667					
192	191	200	0.0	1.0	0.514	59.4	-49.7	-10.5	50.9	192	0.0	1.0	0.503	59.3	-50.0	-9.6	51.1	191	0.0	1.0	0.683	0.0	1.0	0.605	59.9	-46.4	-16.8	49.5	200	0.0	1.0	0.683					
193	192	201	0.0	1.0	0.525	59.5	-49.3	-11.3	50.7	193	0.0	1.0	0.514	59.4	-49.7	-10.5	50.9	192	0.0	1.0	0.7	0.0	1.0	0.616	60.0	-45.9	-17.6	49.3	201	0.0	1.0	0.7					
194	193	201	0.0	1.0	0.537	59.5	-48.9	-12.1	50.5	194	0.0	1.0	0.525	59.5	-49.3	-11.3	50.7	193	0.0	1.0	0.717	0.0	1.0	0.616	60.0	-45.9	-17.6	49.3	201	0.0	1.0	0.717					
195	194	202	0.0	1.0	0.548	59.6	-48.5	-12.9	50.4	195	0.0	1.0	0.537	59.5	-48.9	-12.1	50.5	194	0.0	1.0	0.733	0.0	1.0	0.628	60.1	-45.5	-18.3	49.2	202	0.0	1.0	0.733					
196	195	203	0.0	1.0	0.559	59.7	-48.1	-13.7	50.2	196	0.0	1.0	0.548	59.6	-48.5	-12.9	50.4	195	0.0	1.0	0.75	0.0	1.0	0.639	60.2	-45.1	-19.1	49.1	203	0.0	1.0	0.75					
197	196	204	0.0	1.0	0.571	59.7	-47.7	-14.5	50.0	197	0.0	1.0	0.559	59.7	-48.1	-13.7	50.2	196	0.0	1.0	0.767	0.0	1.0	0.65	60.3	-44.7	-19.9	49.1	204	0.0	1.0	0.767					
198	197	205	0.0	1.0	0.582	59.8	-47.3	-15.3	49.8	198	0.0	1.0	0.571	59.7	-47.7	-14.5	50.0	197	0.0	1.0	0.783	0.0	1.0	0.661	60.4	-44.3	-20.6	49.0	205	0.0	1.0	0.783					
199	198	206	0.0	1.0	0.594	59.9	-46.8	-16.1	49.7	199	0.0	1.0	0.582	59.8	-47.3	-15.3	49.8	198	0.0	1.0	0.8	0.0	1.0	0.672	60.5	-43.9	-21.4	49.0	206	0.0	1.0	0.8					
200	199	207	0.0	1.0	0.605	59.9	-46.4	-16.8	49.5	200	0.0	1.0	0.594	59.9	-46.8	-16.1	49.7	199	0.0	1.0	0.817	0.0	1.0	0.683	60.5	-43.5	-22.1	48.9	207	0.0	1.0	0.817					
201	200	208	0.0	1.0	0.616	60.0	-45.9	-17.6	49.3	201	0.0	1.0	0.605	59.9	-46.4	-16.8	49.5	200	0.0	1.0	0.833	0.0	1.0	0.694	60.6	-43.1	-22.9	48.9	208	0.0	1.0	0.833					
202	201	209	0.0	1.0	0.628	60.1	-45.5	-18.3	49.2	202	0.0	1.0	0.616	60.0	-45.9	-17.6	49.3	201	0.0	1.0	0.85	0.0	1.0	0.705	60.7	-42.6	-23.6	48.9	209	0.0	1.0	0.85					
203	202	210	0.0	1.0	0.639	60.2	-45.1	-19.1	49.1	203	0.0	1.0	0.628	60.1	-45.5	-18.3	49.2	202	0.0	1.0	0.867	0.0	1.0	0.716	60.8	-42.2	-24.3	48.8	210	0.0	1.0	0.867					
204	203	211	0.0	1.0	0.65	60.3	-44.7	-19.9	49.1	204	0.0	1.0	0.639	60.2	-45.1	-19.1	49.1	203	0.0	1.0	0.883	0.0	1.0	0.727	60.9	-41.7	-25.0	48.8	211	0.0	1.0	0.883					
205	204	212	0.0	1.0	0.661	60.4	-44.3	-20.6	49.0	205	0.0	1.0	0.65	60.3	-44.7	-19.9	49.1	204	0.0	1.0	0.9	0.0															

OE360-7N, Page of series 6/20, RX0, D65, XYZnw=3.5, 3.7, 3.9, 86.2, 91.2, 96.1, LAB*nw=22.6, 0.3, 0.7, 96.5, -0.8, 2.1, not adapted

Output: Offset print ORS08_18_96; separation cmyn4*, D65 and D50, page 6/20

TUB-test chart OE36; 48 and 360 step hue circles, Page 6/20
Data of Offset print ORS08_18_96, separation cmyn6*, D65 and D50

input: rgb^*_d set $rgbcolor$
output: $cmyn4^*_d = f_4(rgb^*_d)$

TUB registration: 20110301-OE36/OE36L0NP.PDF /.PS
application for measurement of printer or monitor systems

TUB material: code=rha4ta

See original or copy: <http://web.me.com/klaus.richter/OE36/OE36L0NP.PDF> /.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 ORS08_18_96; separation cmyn4*, 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: $h_{ab,d} = 31.7, 96.0, 152.6, 234.4, 299.0, 354.5$; 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	$ds361Mi$	$ds361Mix$	$ds361M$	$ds361Mi$	$ds361Mix$	$ds361M$	$ds361Mi$	$ds361Mix$	$ds361M$	$ds361Mi$	$ds361Mix$	$ds361M$	$ds361Mi$	$ds361Mix$	$ds361M$	$ds361Mi$	$ds361Mix$	$ds361M$											
211	210	217	0.0	1.0	0.727	60.9	-41.7	-25.0	48.8	211	0.0	1.0	0.716	60.8	-42.2	-24.3	48.8	210	0.0	1.0	0.983	1.0	0.0	1.0	0.798	61.5											
212	211	218	0.0	1.0	0.738	61.0	-41.2	-25.7	48.7	212	0.0	1.0	0.727	60.9	-41.7	-25.0	48.8	211	0.0	1.0	0.983	1.0	0.0	1.0	0.817	61.6											
213	212	219	0.0	1.0	0.749	61.1	-40.7	-26.4	48.7	213	0.0	1.0	0.738	61.0	-41.2	-25.7	48.7	212	0.0	1.0	0.967	1.0	0.0	1.0	0.822	61.7											
214	213	220	0.0	1.0	0.761	61.2	-40.3	-27.2	48.7	214	0.0	1.0	0.749	61.1	-40.7	-26.4	48.7	213	0.0	1.0	0.95	1.0	0.0	1.0	0.834	61.8											
215	214	221	0.0	1.0	0.774	61.3	-39.9	-27.9	48.8	215	0.0	1.0	0.761	61.2	-40.3	-27.2	48.7	214	0.0	1.0	0.933	1.0	0.0	1.0	0.846	61.9											
216	215	222	0.0	1.0	0.786	61.4	-39.4	-28.6	48.9	216	0.0	1.0	0.774	61.3	-39.9	-27.9	48.8	215	0.0	1.0	0.917	1.0	0.0	1.0	0.858	62.0											
217	216	222	0.0	1.0	0.798	61.5	-39.0	-29.3	48.9	217	0.0	1.0	0.786	61.4	-39.4	-28.6	48.9	216	0.0	1.0	0.9	1.0	0.0	1.0	0.858	62.0											
218	217	223	0.0	1.0	0.81	61.6	-38.5	-30.1	49.0	218	0.0	1.0	0.798	61.5	-39.0	-29.3	48.9	217	0.0	1.0	0.883	1.0	0.0	1.0	0.87	62.1											
219	218	224	0.0	1.0	0.822	61.7	-38.0	-30.8	49.0	219	0.0	1.0	0.81	61.6	-38.5	-30.1	49.0	218	0.0	1.0	0.867	1.0	0.0	1.0	0.882	62.1											
220	219	225	0.0	1.0	0.834	61.8	-37.5	-31.5	49.1	220	0.0	1.0	0.822	61.7	-38.0	-30.8	49.0	219	0.0	1.0	0.85	1.0	0.0	1.0	0.893	62.2											
221	220	226	0.0	1.0	0.846	61.9	-37.0	-32.2	49.2	221	0.0	1.0	0.834	61.8	-37.5	-31.5	49.1	220	0.0	1.0	0.833	1.0	0.0	1.0	0.904	62.3											
222	221	227	0.0	1.0	0.858	62.0	-36.5	-32.8	49.2	222	0.0	1.0	0.846	61.9	-37.0	-32.2	49.2	221	0.0	1.0	0.817	1.0	0.0	1.0	0.916	62.4											
223	222	228	0.0	1.0	0.87	62.1	-36.0	-33.5	49.3	223	0.0	1.0	0.858	62.0	-36.5	-32.8	49.2	222	0.0	1.0	0.8	1.0	0.0	1.0	0.927	62.4											
224	223	229	0.0	1.0	0.882	62.1	-35.5	-34.3	49.5	224	0.0	1.0	0.87	62.1	-36.0	-33.5	49.3	223	0.0	1.0	0.783	1.0	0.0	1.0	0.939	62.5											
225	224	230	0.0	1.0	0.893	62.2	-35.0	-35.0	49.7	225	0.0	1.0	0.882	62.1	-35.5	-34.3	49.5	224	0.0	1.0	0.767	1.0	0.0	1.0	0.95	62.6											
226	225	231	0.0	1.0	0.904	62.3	-34.6	-35.8	49.9	226	0.0	1.0	0.893	62.2	-35.0	-35.0	49.7	225	0.0	1.0	0.75	1.0	0.0	1.0	0.962	62.6											
227	226	232	0.0	1.0	0.916	62.4	-34.1	-36.6	50.1	227	0.0	1.0	0.904	62.3	-34.6	-35.8	49.9	226	0.0	1.0	0.733	1.0	0.0	1.0	0.973	62.7											
228	227	232	0.0	1.0	0.927	62.4	-33.6	-37.3	50.4	228	0.0	1.0	0.916	62.4	-34.1	-36.6	50.1	227	0.0	1.0	0.717	1.0	0.0	1.0	0.973	62.7											
229	228	233	0.0	1.0	0.939	62.5	-33.1	-38.1	50.6	229	0.0	1.0	0.927	62.4	-33.6	-37.3	50.4	228	0.0	1.0	0.7	1.0	0.0	1.0	0.985	62.8											
230	229	234	0.0	1.0	0.95	62.6	-32.6	-38.8	50.8	230	0.0	1.0	0.939	62.5	-33.1	-38.1	50.6	229	0.0	1.0	0.683	1.0	0.0	1.0	0.996	62.9											
231	230	235	0.0	1.0	0.962	62.6	-32.0	-39.6	51.1	231	0.0	1.0	0.95	62.6	-32.6	-38.8	50.8	230	0.0	1.0	0.667	1.0	0.0	1.0	0.986	1.0											
232	231	236	0.0	1.0	0.973	62.7	-31.5	-40.3	51.3	232	0.0	1.0	0.962	62.6	-32.0	-39.6	51.1	231	0.0	1.0	0.65	1.0	0.0	1.0	0.964	1.0											
233	232	237	0.0	1.0	0.985	62.8	-30.9	-41.1	51.5	233	0.0	1.0	0.973	62.7	-31.5	-40.3	51.3	232	0.0	1.0	0.633	1.0	0.0	1.0	0.943	1.0											
234	233	238	0.0	1.0	0.996	62.9	-30.3	-41.8	51.8	234	0.0	1.0	0.985	62.8	-30.9	-41.1	51.5	233	0.0	1.0	0.617	1.0	0.0	1.0	0.921	1.0											
235	234	239	0.0	0.986	1.0	62.4	-29.5	-42.1	51.6	235	0.0	1.0	0.996	62.9	-30.3	-41.8	51.8	234	0.0	1.0	0.6	1.0	0.0	1.0	0.899	1.0											
236	235	240	0.0	0.964	1.0	61.7	-28.5	-42.3	51.2	236	0.0	0.986	1.0	62.4	-29.5	-42.1	51.6	235	0.0	1.0	0.583	1.0	0.0	1.0	0.878	1.0											
237	236	241	0.0	0.943	1.0	61.0	-27.5	-42.5	50.7	237	0.0	0.964	1.0	61.7	-28.5	-42.3	51.2	236	0.0	1.0	0.567	1.0	0.0	1.0	0.856	1.0											
238	237	242	0.0	0.921	1.0	60.2	-26.6	-42.6	50.3	238	0.0	0.943	1.0	61.0	-27.5	-42.5	50.7	237	0.0	1.0	0.55	1.0	0.0	1.0	0.835	1.0											
239	238	243	0.0	0.899	1.0	59.5	-25.6	-42.7	49.9	239	0.0	0.921	1.0	60.2	-26.6	-42.6	50.3	238	0.0	1.0	0.533	1.0	0.0	1.0	0.814	1.0											
240	239	243	0.0	0.878	1.0	58.8	-24.6	-42.8	49.5	240	0.0	0.899	1.0	59.5	-25.6	-42.7	49.9	239	0.0	1.0	0.517	1.0	0.0	1.0	0.814	1.0											
241	240	244	0.0	0.856	1.0	58.1	-23.7	-42.9	49.2	241	0.0	0.878	1.0	58.8	-24.6	-42.8	49.5	240	0.0	1.0	0.5	1.0	0.0	1.0	0.793	1.0											
242	241	245	0.0	0.835	1.0	57.5	-22.8	-43.1	48.9	242	0.0	0.856	1.0	58.1	-23.7	-42.9	49.2	241	0.0	1.0	0.483	1.0	0.0	1.0	0.771	1.0											
243	242	246	0.0	0.814	1.0	56.8	-22.0	-43.2	48.6	243	0.0	0.835	1.0	57.5	-22.8	-43.1	48.9	242	0.0	1.0	0.467	1.0	0.0	1.0	0.75	1.0											
244	243	247	0.0	0.793	1.0	56.2	-21.1	-43.3	48.3	244	0.0	0.814	1.0	56.8	-22.0	-43.2	48.6	243	0.0	1.0	0.45	1.0	0.0	1.0	0.734	1.0											
245	244	248	0.0	0.771	1.0	55.5	-20.2	-43.4	48.0	245	0.0	0.793	1.0	56.2	-21.1	-43.3	48.3	244	0.0	1.0	0.433	1.0	0.0	1.0	0.718	1.0											
246	245	249	0.0	0.75	1.0	54.8	-19.3	-43.5	47.7	246	0.0	0.771	1.0	55.5	-20.2	-43.4	48.0	245	0.0	1.0	0.417	1.0	0.0	1.0	0.702	1.0											
247	246	250	0.0	0.734	1.0	54.3	-18.4	-43.6	47.4	247	0.0	0.75	1.0	54.8	-19.3	-43.5	47.7	246	0.0	1.0	0.4	1.0	0.0	1.0	0.686	1.0											
248	247	251	0.0	0.718	1.0	53.7	-17.6	-43.7	47.2	248	0.0	0.734	1.0	54.3	-18.4	-43.6	47.4	247	0.0	1.0	0.383	1.0	0.0	1.0	0.67	1.0											
249	248	252	0.0	0.702	1.0	53.1	-16.7	-43.8	47.0	249	0.0	0.718	1.0	53.7	-17.6	-43.7	47.2	248	0.0	1.0	0.367	1.0	0.0	1.0	0.654	1.0											
250	249	253	0.0	0.686	1.0	52.6	-15.9	-43.8	46.8	250	0.0	0.702	1.0	53.1	-16.7	-43.8	47.0	249	0.0	1.0	0.35	1.0	0.0	1.0	0.638	1.0											
251	250	253	0.0	0.67	1.0	52.0	-15.0	-43.9	46.5	251	0.0	0.686	1.0	52.6	-15.9	-43.8	46.8	250	0.0	1.0	0.333	1.0	0.0	1.0	0.638	1.0											
252	251	254	0.0	0.654	1.0	51.4	-14.2	-43.9	46.3	252	0.0	0.67	1.0	52.0	-15.0	-43.9	46.5	251	0.0	1.0	0.317	1.0	0.0	1.0	0.623	1.0											
253	252	255	0.0	0.638	1.0	50.9	-13.4	-44.0	46.1	253	0.0	0.654	1.0	51.4	-14.2	-43.9	46.3	252	0.0	1.0																	

OE360-7N, Page of series 7/20, RX0, D65, XYZnw=3.5, 3.7, 3.9, 86.2, 91.2, 96.1, LAB*nw=22.6, 0.3, 0.7, 96.5, -0.8, 2.1, not adapted

Output: Offset print ORS08_18_96; separation cmyn4*, D65 and D50, page 7/20

TUB registration: 20110301-OE36/OE36L0NP.PDF /.PS
application for measurement of printer or monitor systems

See original or copy: <http://web.me.com/klaus.richter/OE36/OE36L0NP.PDF> /.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 ORS08_18_96; separation cmyn4*, 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: $h_{ab,d} = 31.7, 96.0, 152.6, 234.4, 299.0, 354.5$; 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}					
256	255	258	0.0	0.595	1.0	49.3	-10.9	-44.2	45.7	256	0.0	0.609	1.0	49.8	-11.7	-44.1	45.8	255	0.0	0.25	1.0	0.0	0.566	1.0	48.2	-9.4	-44.4	45.5	258	0.0	0.25	1.0			
257	256	259	0.0	0.58	1.0	48.8	-10.2	-44.3	45.6	257	0.0	0.595	1.0	49.3	-10.9	-44.2	45.7	256	0.0	0.233	1.0	0.0	0.552	1.0	47.7	-8.6	-44.5	45.4	259	0.0	0.233	1.0			
258	257	260	0.0	0.566	1.0	48.2	-9.4	-44.4	45.5	258	0.0	0.58	1.0	48.8	-10.2	-44.3	45.6	257	0.0	0.217	1.0	0.0	0.538	1.0	47.2	-7.8	-44.5	45.3	260	0.0	0.217	1.0			
259	258	261	0.0	0.552	1.0	47.7	-8.6	-44.5	45.4	259	0.0	0.566	1.0	48.2	-9.4	-44.4	45.5	258	0.0	0.2	1.0	0.0	0.524	1.0	46.7	-7.0	-44.5	45.2	261	0.0	0.2	1.0			
260	259	262	0.0	0.538	1.0	47.2	-7.8	-44.5	45.3	260	0.0	0.552	1.0	47.7	-8.6	-44.5	45.4	259	0.0	0.183	1.0	0.0	0.51	1.0	46.2	-6.2	-44.6	45.1	262	0.0	0.183	1.0			
261	260	263	0.0	0.524	1.0	46.7	-7.0	-44.5	45.2	261	0.0	0.538	1.0	47.2	-7.8	-44.5	45.3	260	0.0	0.167	1.0	0.0	0.496	1.0	45.7	-5.4	-44.6	45.1	263	0.0	0.167	1.0			
262	261	264	0.0	0.51	1.0	46.2	-6.2	-44.6	45.1	262	0.0	0.524	1.0	46.7	-7.0	-44.5	45.2	261	0.0	0.15	1.0	0.0	0.483	1.0	45.2	-4.6	-44.7	45.1	264	0.0	0.15	1.0			
263	262	264	0.0	0.496	1.0	45.7	-5.4	-44.6	45.1	263	0.0	0.51	1.0	46.2	-6.2	-44.6	45.1	262	0.0	0.133	1.0	0.0	0.483	1.0	45.2	-4.6	-44.7	45.1	264	0.0	0.133	1.0			
264	263	265	0.0	0.483	1.0	45.2	-4.6	-44.7	45.1	264	0.0	0.496	1.0	45.7	-5.4	-44.6	45.1	263	0.0	0.117	1.0	0.0	0.471	1.0	44.6	-3.8	-44.8	45.1	265	0.0	0.117	1.0			
265	264	266	0.0	0.471	1.0	44.6	-3.8	-44.8	45.1	265	0.0	0.483	1.0	45.2	-4.6	-44.7	45.1	264	0.0	0.1	1.0	0.0	0.458	1.0	44.1	-3.0	-44.9	45.1	266	0.0	0.1	1.0			
266	265	267	0.0	0.458	1.0	44.1	-3.0	-44.9	45.1	266	0.0	0.471	1.0	44.6	-3.8	-44.8	45.1	265	0.0	0.083	1.0	0.0	0.445	1.0	43.6	-2.3	-45.0	45.2	267	0.0	0.083	1.0			
267	266	268	0.0	0.445	1.0	43.6	-2.3	-45.0	45.2	267	0.0	0.458	1.0	44.1	-3.0	-44.9	45.1	266	0.0	0.067	1.0	0.0	0.433	1.0	43.1	-1.5	-45.1	45.2	268	0.0	0.067	1.0			
268	267	269	0.0	0.433	1.0	43.1	-1.5	-45.1	45.2	268	0.0	0.445	1.0	43.6	-2.3	-45.0	45.2	267	0.0	0.05	1.0	0.0	0.42	1.0	42.6	-0.7	-45.1	45.2	269	0.0	0.05	1.0			
269	268	270	0.0	0.42	1.0	42.6	-0.7	-45.1	45.2	269	0.0	0.433	1.0	43.1	-1.5	-45.1	45.2	268	0.0	0.033	1.0	0.0	0.407	1.0	42.1	0.0	-45.2	45.3	270	0.0	0.033	1.0			
270	269	271	0.0	0.407	1.0	42.1	0.0	-45.2	45.3	270	0.0	0.42	1.0	42.6	-0.7	-45.1	45.2	269	0.0	0.017	1.0	0.0	0.394	1.0	41.6	0.8	-45.2	45.3	271	0.0	0.017	1.0			
271	270	272	0.0	0.394	1.0	41.6	0.8	-45.2	45.3	271	0.0	0.407	1.0	42.1	0.0	-45.2	45.3	270	0.0	0.0	1.0B _s	0.0	0.382	1.0	41.1	1.6	-45.2	45.3	272	0.0	0.0	1.0B _e			
272	271	273	0.0	0.382	1.0	41.1	1.6	-45.2	45.3	272	0.0	0.394	1.0	41.6	0.8	-45.2	45.3	271	0.017	0.0	1.0	0.0	0.369	1.0	40.6	2.4	-45.3	45.4	273	0.017	0.0	1.0			
273	272	274	0.0	0.369	1.0	40.6	2.4	-45.3	45.4	273	0.0	0.382	1.0	41.1	1.6	-45.2	45.3	272	0.033	0.0	1.0	0.0	0.355	1.0	40.1	3.2	-45.4	45.6	274	0.033	0.0	1.0			
274	273	275	0.0	0.355	1.0	40.1	3.2	-45.4	45.6	274	0.0	0.369	1.0	40.6	2.4	-45.3	45.4	273	0.05	0.0	1.0	0.0	0.342	1.0	39.6	4.0	-45.5	45.8	275	0.05	0.0	1.0			
275	274	276	0.0	0.342	1.0	39.6	4.0	-45.5	45.8	275	0.0	0.355	1.0	40.1	3.2	-45.4	45.6	274	0.067	0.0	1.0	0.0	0.329	1.0	39.2	4.8	-45.6	46.0	276	0.067	0.0	1.0			
276	275	276	0.0	0.329	1.0	39.2	4.8	-45.6	46.0	276	0.0	0.342	1.0	39.6	4.0	-45.5	45.8	275	0.083	0.0	1.0	0.0	0.329	1.0	39.2	4.8	-45.6	46.0	276	0.083	0.0	1.0			
277	276	277	0.0	0.315	1.0	38.7	5.6	-45.7	46.2	277	0.0	0.329	1.0	39.2	4.8	-45.6	46.0	276	0.1	0.0	1.0	0.0	0.315	1.0	38.7	5.6	-45.7	46.2	277	0.1	0.0	1.0			
278	277	278	0.0	0.302	1.0	38.2	6.5	-45.8	46.3	278	0.0	0.315	1.0	38.7	5.6	-45.7	46.2	277	0.117	0.0	1.0	0.0	0.302	1.0	38.2	6.5	-45.8	46.3	278	0.117	0.0	1.0			
279	278	279	0.0	0.289	1.0	37.7	7.3	-45.9	46.5	279	0.0	0.302	1.0	38.2	6.5	-45.8	46.3	278	0.133	0.0	1.0	0.0	0.289	1.0	37.7	7.3	-45.9	46.5	279	0.133	0.0	1.0			
280	279	280	0.0	0.275	1.0	37.3	8.1	-45.9	46.7	280	0.0	0.289	1.0	37.7	7.3	-45.9	46.5	279	0.15	0.0	1.0	0.0	0.275	1.0	37.3	8.1	-45.9	46.7	280	0.15	0.0	1.0			
281	280	281	0.0	0.262	1.0	36.8	8.9	-45.9	46.9	281	0.0	0.275	1.0	37.3	8.1	-45.9	46.7	280	0.167	0.0	1.0	0.0	0.262	1.0	36.8	8.9	-45.9	46.9	281	0.167	0.0	1.0			
282	281	282	0.0	0.249	1.0	36.3	9.8	-46.0	47.1	282	0.0	0.262	1.0	36.8	8.9	-45.9	46.9	281	0.183	0.0	1.0	0.0	0.249	1.0	36.3	9.8	-46.0	47.1	282	0.183	0.0	1.0			
283	282	283	0.0	0.234	1.0	35.8	10.7	-46.1	47.4	283	0.0	0.249	1.0	36.3	9.8	-46.0	47.1	282	0.2	0.0	1.0	0.0	0.234	1.0	35.8	10.7	-46.1	47.4	283	0.2	0.0	1.0			
284	283	284	0.0	0.22	1.0	35.2	11.6	-46.2	47.8	284	0.0	0.234	1.0	35.8	10.7	-46.1	47.4	283	0.217	0.0	1.0	0.0	0.22	1.0	35.2	11.6	-46.2	47.8	284	0.217	0.0	1.0			
285	284	285	0.0	0.205	1.0	34.7	12.4	-46.4	48.1	285	0.0	0.22	1.0	35.2	11.6	-46.2	47.8	284	0.233	0.0	1.0	0.0	0.205	1.0	34.7	12.4	-46.4	48.1	285	0.233	0.0	1.0			
286	285	286	0.0	0.191	1.0	34.2	13.3	-46.4	48.4	286	0.0	0.205	1.0	34.7	12.4	-46.4	48.1	285	0.25	0.0	1.0	0.0	0.191	1.0	34.2	13.3	-46.4	48.4	286	0.25	0.0	1.0			
287	286	287	0.0	0.177	1.0	33.7	14.3	-46.5	48.7	287	0.0	0.191	1.0	34.2	13.3	-46.4	48.4	286	0.267	0.0	1.0	0.0	0.177	1.0	33.7	14.3	-46.5	48.7	287	0.267	0.0	1.0			
288	287	288	0.0	0.162	1.0	33.1	15.2	-46.6	49.1	288	0.0	0.177	1.0	33.7	14.3	-46.5	48.7	287	0.283	0.0	1.0	0.0	0.162	1.0	33.1	15.2	-46.6	49.1	288	0.283	0.0	1.0			
289	288	289	0.0	0.148	1.0	32.6	16.1	-46.6	49.4	289	0.0	0.162	1.0	33.1	15.2	-46.6	49.1	288	0.3	0.0	1.0	0.0	0.148	1.0	32.6	16.1	-46.6	49.4	289	0.3	0.0	1.0			
290	289	290	0.0	0.133	1.0	32.1	17.0	-46.6	49.7	290	0.0	0.148	1.0	32.6	16.1	-46.6	49.4	289	0.317	0.0	1.0	0.0	0.133	1.0	32.1	17.0	-46.6	49.7	290	0.317	0.0	1.0			
291	290	291	0.0	0.119	1.0	31.5	18.0	-46.7	50.1	291	0.0	0.133	1.0	32.1	17.0	-46.6	49.7	290	0.333	0.0	1.0	0.0	0.119	1.0	31.5	18.0	-46.7	50.1	291	0.333	0.0	1.0			
292	291	292	0.0	0.104	1.0	31.0	19.0	-46.8	50.6	292	0.0	0.119	1.0	31.5	18.0	-46.7	50.1	291	0.35	0.0	1.0	0.0	0.104	1.0	31.0	19.0	-46.8	50.6	292	0.35	0.0	1.0			
293	292	293	0.0	0.089	1.0	30.5	20.0	-46.9	51.1	293	0.0	0.104	1.0	31.0	19.0	-46.8	50.6	292	0.367	0.0	1.0	0.0	0.089	1.0	30.5	20.0	-46.9	51.1	293	0.367	0.0	1.0			
294	293	294	0.0	0.074	1.0	29.9	21.0	-47.0	51.6	294	0.0	0.089	1.0	30.5	20.0	-46.9	51.1	293	0.383	0.0	1.0	0.0	0.074	1.0	29.9	21.0	-47.0	51.6	294	0.383	0.0	1.0			
295	294	294	0.0	0.059	1.0	29.4	22.0	-47.1	52.1	295	0.0	0.074	1.0	29.9	21.0	-47.0	51.6	294	0.4	0.0	1.0	0.0	0.074	1.0	29.9	21.0	-47.0	51.6	294	0.4	0.0	1.0			
296	295	295	0.0	0.045	1.0	28.8	23.0	-47.1	52.5	296	0.0	0.059	1.0	29.4	22.0	-47.1	52.																		

OE360-7N, Page of series 8/20, RX0, D65, XYZnw=3.5, 3.7, 3.9, 86.2, 91.2, 96.1, LAB*nw=22.6, 0.3, 0.7, 96.5, -0.8, 2.1, not adapted

Output: Offset print ORS08_18_96; separation cmyn4*, D65 and D50, page 8/20

TUB-test chart OE36; 48 and 360 step hue circles, Page 8/20
Data of Offset print ORS08_18_96, separation cmyn6*, D65 and D50

input: rgb^*_d set $rgbc_{color}$
output: $cmyn4^*_d = f_4(rgb^*_d)$

TUB registration: 20110301-OE36/OE36L0NP.PDF /.PS
application for measurement of printer or monitor systems

TUB material: code=rha4ta

See original or copy: <http://web.me.com/klaus.richter/OE36/OE36L0NP.PDF> /.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 ORS08_18_96; separation cmyn4*, 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: $h_{ab,d} = 31.7, 96.0, 152.6, 234.4, 299.0, 354.5$; 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}
301	300	300	0.027	0.0	1.0	27.6	27.9	-46.3	54.2	301	0.013	0.0	1.0	27.4	27.0	-46.7	54.1	300	0.5	0.0	1.0	0.013	0.0	1.0	27.4	27.0	-46.7	54.1	300	0.5	0.0	1.0			
302	301	301	0.04	0.0	1.0	27.9	28.8	-45.9	54.3	302	0.027	0.0	1.0	27.6	27.9	-46.3	54.2	301	0.517	0.0	1.0	0.027	0.0	1.0	27.6	27.9	-46.3	54.2	301	0.517	0.0	1.0			
303	302	302	0.054	0.0	1.0	28.1	29.6	-45.5	54.4	303	0.04	0.0	1.0	27.9	28.8	-45.9	54.3	302	0.533	0.0	1.0	0.04	0.0	1.0	27.9	28.8	-45.9	54.3	302	0.533	0.0	1.0			
304	303	303	0.067	0.0	1.0	28.3	30.5	-45.1	54.5	304	0.054	0.0	1.0	28.1	29.6	-45.5	54.4	303	0.55	0.0	1.0	0.054	0.0	1.0	28.1	29.6	-45.5	54.4	303	0.55	0.0	1.0			
305	304	304	0.08	0.0	1.0	28.5	31.3	-44.6	54.6	305	0.067	0.0	1.0	28.3	30.5	-45.1	54.5	304	0.567	0.0	1.0	0.067	0.0	1.0	28.3	30.5	-45.1	54.5	304	0.567	0.0	1.0			
306	305	305	0.094	0.0	1.0	28.7	32.1	-44.1	54.7	306	0.08	0.0	1.0	28.5	31.3	-44.6	54.6	305	0.583	0.0	1.0	0.08	0.0	1.0	28.5	31.3	-44.6	54.6	305	0.583	0.0	1.0			
307	306	306	0.107	0.0	1.0	28.9	32.9	-43.6	54.8	307	0.094	0.0	1.0	28.7	32.1	-44.1	54.7	306	0.6	0.0	1.0	0.094	0.0	1.0	28.7	32.1	-44.1	54.7	306	0.6	0.0	1.0			
308	307	307	0.121	0.0	1.0	29.1	33.8	-43.1	54.8	308	0.107	0.0	1.0	28.9	32.9	-43.6	54.8	307	0.617	0.0	1.0	0.107	0.0	1.0	28.9	32.9	-43.6	54.8	307	0.617	0.0	1.0			
309	308	308	0.135	0.0	1.0	29.3	34.6	-42.6	54.9	309	0.121	0.0	1.0	29.1	33.8	-43.1	54.8	308	0.633	0.0	1.0	0.121	0.0	1.0	29.1	33.8	-43.1	54.8	308	0.633	0.0	1.0			
310	309	309	0.15	0.0	1.0	29.6	35.4	-42.0	55.0	310	0.135	0.0	1.0	29.3	34.6	-42.6	54.9	309	0.65	0.0	1.0	0.135	0.0	1.0	29.3	34.6	-42.6	54.9	309	0.65	0.0	1.0			
311	310	310	0.165	0.0	1.0	29.8	36.1	-41.5	55.1	311	0.15	0.0	1.0	29.6	35.4	-42.0	55.0	310	0.667	0.0	1.0	0.15	0.0	1.0	29.6	35.4	-42.0	55.0	310	0.667	0.0	1.0			
312	311	311	0.18	0.0	1.0	30.0	36.9	-40.9	55.1	312	0.165	0.0	1.0	29.8	36.1	-41.5	55.1	311	0.683	0.0	1.0	0.165	0.0	1.0	29.8	36.1	-41.5	55.1	311	0.683	0.0	1.0			
313	312	312	0.195	0.0	1.0	30.2	37.7	-40.3	55.2	313	0.18	0.0	1.0	30.0	36.9	-40.9	55.1	312	0.7	0.0	1.0	0.18	0.0	1.0	30.0	36.9	-40.9	55.1	312	0.7	0.0	1.0			
314	313	312	0.21	0.0	1.0	30.4	38.4	-39.7	55.3	314	0.195	0.0	1.0	30.2	37.7	-40.3	55.2	313	0.717	0.0	1.0	0.18	0.0	1.0	30.0	36.9	-40.9	55.1	312	0.717	0.0	1.0			
315	314	313	0.225	0.0	1.0	30.6	39.1	-39.0	55.4	315	0.21	0.0	1.0	30.4	38.4	-39.7	55.3	314	0.733	0.0	1.0	0.195	0.0	1.0	30.2	37.7	-40.3	55.2	313	0.733	0.0	1.0			
316	315	314	0.24	0.0	1.0	30.8	39.9	-38.4	55.4	316	0.225	0.0	1.0	30.6	39.1	-39.0	55.4	315	0.75	0.0	1.0	0.21	0.0	1.0	30.4	38.4	-39.7	55.3	314	0.75	0.0	1.0			
317	316	315	0.256	0.0	1.0	31.1	40.6	-37.8	55.6	317	0.24	0.0	1.0	30.8	39.9	-38.4	55.4	316	0.767	0.0	1.0	0.225	0.0	1.0	30.6	39.1	-39.0	55.4	315	0.767	0.0	1.0			
318	317	316	0.274	0.0	1.0	31.5	41.5	-37.2	55.8	318	0.256	0.0	1.0	31.1	40.6	-37.8	55.6	317	0.783	0.0	1.0	0.24	0.0	1.0	30.8	39.9	-38.4	55.4	316	0.783	0.0	1.0			
319	318	317	0.292	0.0	1.0	31.9	42.3	-36.7	56.1	319	0.274	0.0	1.0	31.5	41.5	-37.2	55.8	318	0.8	0.0	1.0	0.256	0.0	1.0	31.1	40.6	-37.8	55.6	317	0.8	0.0	1.0			
320	319	318	0.31	0.0	1.0	32.3	43.1	-36.1	56.3	320	0.292	0.0	1.0	31.9	42.3	-36.7	56.1	319	0.817	0.0	1.0	0.274	0.0	1.0	31.5	41.5	-37.2	55.8	318	0.817	0.0	1.0			
321	320	319	0.328	0.0	1.0	32.8	43.9	-35.5	56.5	321	0.31	0.0	1.0	32.3	43.1	-36.1	56.3	320	0.833	0.0	1.0	0.292	0.0	1.0	31.9	42.3	-36.7	56.1	319	0.833	0.0	1.0			
322	321	320	0.346	0.0	1.0	33.2	44.8	-34.9	56.8	322	0.328	0.0	1.0	32.8	43.9	-35.5	56.5	321	0.85	0.0	1.0	0.31	0.0	1.0	32.3	43.1	-36.1	56.3	320	0.85	0.0	1.0			
323	322	321	0.364	0.0	1.0	33.6	45.6	-34.2	57.0	323	0.346	0.0	1.0	33.2	44.8	-34.9	56.8	322	0.867	0.0	1.0	0.328	0.0	1.0	32.8	43.9	-35.5	56.5	321	0.867	0.0	1.0			
324	323	322	0.381	0.0	1.0	34.0	46.4	-33.6	57.3	324	0.364	0.0	1.0	33.6	45.6	-34.2	57.0	323	0.883	0.0	1.0	0.346	0.0	1.0	33.2	44.8	-34.9	56.8	322	0.883	0.0	1.0			
325	324	323	0.395	0.0	1.0	34.4	47.2	-33.0	57.6	325	0.381	0.0	1.0	34.0	46.4	-33.6	57.3	324	0.9	0.0	1.0	0.364	0.0	1.0	33.6	45.6	-34.2	57.0	323	0.9	0.0	1.0			
326	325	324	0.409	0.0	1.0	34.8	48.1	-32.3	58.0	326	0.395	0.0	1.0	34.4	47.2	-33.0	57.6	325	0.917	0.0	1.0	0.381	0.0	1.0	34.0	46.4	-33.6	57.3	324	0.917	0.0	1.0			
327	326	325	0.423	0.0	1.0	35.2	48.9	-31.6	58.3	327	0.409	0.0	1.0	34.8	48.1	-32.3	58.0	326	0.933	0.0	1.0	0.395	0.0	1.0	34.4	47.2	-33.0	57.6	325	0.933	0.0	1.0			
328	327	326	0.437	0.0	1.0	35.6	49.7	-31.0	58.6	328	0.423	0.0	1.0	35.2	48.9	-31.6	58.3	327	0.95	0.0	1.0	0.409	0.0	1.0	34.8	48.1	-32.3	58.0	326	0.95	0.0	1.0			
329	328	327	0.451	0.0	1.0	36.0	50.5	-30.3	58.9	329	0.437	0.0	1.0	35.6	49.7	-31.0	58.6	328	0.967	0.0	1.0	0.423	0.0	1.0	35.2	48.9	-31.6	58.3	327	0.967	0.0	1.0			
330	329	328	0.465	0.0	1.0	36.4	51.3	-29.5	59.3	330	0.451	0.0	1.0	36.0	50.5	-30.3	58.9	329	0.983	0.0	1.0	0.437	0.0	1.0	35.6	49.7	-31.0	58.6	328	0.983	0.0	1.0			
331	330	329	0.479	0.0	1.0	36.8	52.1	-28.8	59.6	331	0.465	0.0	1.0	36.4	51.3	-29.5	59.3	330	1.0	0.0	1.0M _s	0.451	0.0	1.0	36.0	50.5	-30.3	58.9	329	1.0	0.0	1.0M _e			
332	331	330	0.493	0.0	1.0	37.2	52.9	-28.0	59.9	332	0.479	0.0	1.0	36.8	52.1	-28.8	59.6	331	1.0	0.0	0.983	0.465	0.0	1.0	36.4	51.3	-29.5	59.3	330	1.0	0.0	0.983			
333	332	331	0.508	0.0	1.0	37.6	53.7	-27.3	60.3	333	0.493	0.0	1.0	37.2	52.9	-28.0	59.9	332	1.0	0.0	0.967	0.479	0.0	1.0	36.8	52.1	-28.8	59.6	331	1.0	0.0	0.967			
334	333	331	0.524	0.0	1.0	37.9	54.6	-26.5	60.7	334	0.508	0.0	1.0	37.6	53.7	-27.3	60.3	333	1.0	0.0	0.95	0.479	0.0	1.0	36.8	52.1	-28.8	59.6	331	1.0	0.0	0.95			
335	334	332	0.54	0.0	1.0	38.2	55.5	-25.8	61.2	335	0.524	0.0	1.0	37.9	54.6	-26.5	60.7	334	1.0	0.0	0.933	0.493	0.0	1.0	37.2	52.9	-28.0	59.9	332	1.0	0.0	0.933			
336	335	333	0.556	0.0	1.0	38.6	56.3	-25.0	61.7	336	0.54	0.0	1.0	38.2	55.5	-25.8	61.2	335	1.0	0.0	0.917	0.508	0.0	1.0	37.6	53.7	-27.3	60.3	333	1.0	0.0	0.917			
337	336	334	0.572	0.0	1.0	38.9	57.2	-24.2	62.1	337	0.556	0.0	1.0	38.6	56.3	-25.0	61.7	336	1.0	0.0	0.9	0.524	0.0	1.0	37.9	54.6	-26.5	60.7	334	1.0	0.0	0.9			
338	337	335	0.588	0.0	1.0	39.2	58.0	-23.3	62.6	338	0.572	0.0	1.0	38.9	57.2	-24.2	62.1	337	1.0	0.0	0.883	0.54	0.0	1.0	38.2	55.5	-25.8	61.2	335	1.0	0.0	0.883			
339	338	336	0.604	0.0	1.0	39.6	58.8	-22.5	63.0	339	0.588	0.0	1.0	39.2	58.0	-23.3	62.6	338	1.0	0.0	0.867	0.556	0.0	1.0	38.6	56.3	-25.0	61.7	336	1.0	0.0	0.867			
340	339	337	0.62	0.0	1.0	39.9	59																												

OE360-7N, Page of series 9/20, RX0, D65, XYZnw=3.5, 3.7, 3.9, 86.2, 91.2, 96.1, LAB*nw=22.6, 0.3, 0.7, 96.5, -0.8, 2.1, not adapted

Output: Offset print ORS08_18_96; separation cmyn4*, D65 and D50, page 9/20

TUB-test chart OE36; 48 and 360 step hue circles, Page 9/20
Data of Offset print ORS08_18_96, separation cmyn6*, D65 and D50

input: rgb^*_d set $rgbcOLOR$
output: $cmyn4^*_d = f_4(rgb^*_d)$

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

Data of Maximum color M in colorimetric system Offset print ORS08_18_96; separation cmyn4*, 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: $h_{ab,d} = 31.7, 96.0, 152.6, 234.4, 299.0, 354.5$; 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	0.781	0.0	1.0	44.2	65.6	-16.3	67.6	346	0.755	0.0	1.0	43.6	64.6	-17.2	66.8	345	1.0	0.0	0.75	0.7	0.0	1.0	42.1	62.6	-19.0	65.5	343	1.0	0.0	0.75
347	346	344	0.806	0.0	1.0	44.8	66.6	-15.3	68.4	347	0.781	0.0	1.0	44.2	65.6	-16.3	67.6	346	1.0	0.0	0.733	0.728	0.0	1.0	42.9	63.6	-18.1	66.1	344	1.0	0.0	0.733
348	347	345	0.832	0.0	1.0	45.4	67.6	-14.3	69.1	348	0.806	0.0	1.0	44.8	66.6	-15.3	68.4	347	1.0	0.0	0.717	0.755	0.0	1.0	43.6	64.6	-17.2	66.8	345	1.0	0.0	0.717
349	348	346	0.858	0.0	1.0	46.0	68.6	-13.2	69.9	349	0.832	0.0	1.0	45.4	67.6	-14.3	69.1	348	1.0	0.0	0.7	0.781	0.0	1.0	44.2	65.6	-16.3	67.6	346	1.0	0.0	0.7
350	349	347	0.884	0.0	1.0	46.6	69.7	-12.2	70.7	350	0.858	0.0	1.0	46.0	68.6	-13.2	69.9	349	1.0	0.0	0.683	0.806	0.0	1.0	44.8	66.6	-15.3	68.4	347	1.0	0.0	0.683
351	350	348	0.909	0.0	1.0	46.9	70.8	-11.1	71.7	351	0.884	0.0	1.0	46.6	69.7	-12.2	70.7	350	1.0	0.0	0.667	0.832	0.0	1.0	45.4	67.6	-14.3	69.1	348	1.0	0.0	0.667
352	351	349	0.935	0.0	1.0	47.3	72.0	-10.0	72.7	352	0.909	0.0	1.0	46.9	70.8	-11.1	71.7	351	1.0	0.0	0.65	0.858	0.0	1.0	46.0	68.6	-13.2	69.9	349	1.0	0.0	0.65
353	352	349	0.961	0.0	1.0	47.7	73.1	-8.9	73.7	353	0.935	0.0	1.0	47.3	72.0	-10.0	72.7	352	1.0	0.0	0.633	0.858	0.0	1.0	46.0	68.6	-13.2	69.9	349	1.0	0.0	0.633
354	353	350	0.986	0.0	1.0	48.1	74.2	-7.7	74.6	354	0.961	0.0	1.0	47.7	73.1	-8.9	73.7	353	1.0	0.0	0.617	0.884	0.0	1.0	46.6	69.7	-12.2	70.7	350	1.0	0.0	0.617
355	354	351	1.0	0.0	0.984	48.3	74.7	-6.4	74.9	355	0.986	0.0	1.0	48.1	74.2	-7.7	74.6	354	1.0	0.0	0.6	0.909	0.0	1.0	46.9	70.8	-11.1	71.7	351	1.0	0.0	0.6
356	355	352	1.0	0.0	0.949	48.3	74.3	-5.1	74.5	356	1.0	0.0	0.984	48.3	74.7	-6.4	74.9	355	1.0	0.0	0.583	0.935	0.0	1.0	47.3	72.0	-10.0	72.7	352	1.0	0.0	0.583
357	356	353	1.0	0.0	0.913	48.4	74.0	-3.8	74.1	357	1.0	0.0	0.949	48.3	74.3	-5.1	74.5	356	1.0	0.0	0.567	0.961	0.0	1.0	47.7	73.1	-8.9	73.7	353	1.0	0.0	0.567
358	357	354	1.0	0.0	0.878	48.4	73.6	-2.5	73.6	358	1.0	0.0	0.913	48.4	74.0	-3.8	74.1	357	1.0	0.0	0.55	0.986	0.0	1.0	48.1	74.2	-7.7	74.6	354	1.0	0.0	0.55
359	358	355	1.0	0.0	0.844	48.4	73.3	-1.2	73.3	359	1.0	0.0	0.878	48.4	73.6	-2.5	73.6	358	1.0	0.0	0.533	1.0	0.0	0.984	48.3	74.7	-6.4	74.9	355	1.0	0.0	0.533
0	359	356	1.0	0.0	0.809	48.4	73.0	0.0	73.0	0	1.0	0.0	0.844	48.4	73.3	-1.2	73.3	359	1.0	0.0	0.517	1.0	0.0	0.949	48.3	74.3	-5.1	74.5	356	1.0	0.0	0.517
1	360	357	1.0	0.0	0.775	48.3	72.7	1.3	72.7	1	1.0	0.0	0.809	48.4	73.0	0.0	73.0	0	1.0	0.0	0.5	1.0	0.0	0.913	48.4	74.0	-3.8	74.1	357	1.0	0.0	0.5
2	361	358	1.0	0.0	0.742	48.3	72.4	2.5	72.4	2	1.0	0.0	0.775	48.3	72.7	1.3	72.7	1	1.0	0.0	0.483	1.0	0.0	0.878	48.4	73.6	-2.5	73.6	358	1.0	0.0	0.483
3	362	359	1.0	0.0	0.716	48.3	72.2	3.8	72.3	3	1.0	0.0	0.742	48.3	72.4	2.5	72.4	2	1.0	0.0	0.467	1.0	0.0	0.844	48.4	73.3	-1.2	73.3	359	1.0	0.0	0.467
4	363	360	1.0	0.0	0.689	48.3	71.9	5.0	72.1	4	1.0	0.0	0.716	48.3	72.2	3.8	72.3	3	1.0	0.0	0.45	1.0	0.0	0.809	48.4	73.0	0.0	73.0	0	1.0	0.0	0.45
5	364	361	1.0	0.0	0.662	48.2	71.7	6.3	71.9	5	1.0	0.0	0.689	48.3	71.9	5.0	72.1	4	1.0	0.0	0.433	1.0	0.0	0.775	48.3	72.7	1.3	72.7	1	1.0	0.0	0.433
6	365	362	1.0	0.0	0.635	48.2	71.4	7.5	71.8	6	1.0	0.0	0.662	48.2	71.7	6.3	71.9	5	1.0	0.0	0.417	1.0	0.0	0.742	48.3	72.4	2.5	72.4	2	1.0	0.0	0.417
7	366	363	1.0	0.0	0.61	48.2	71.2	8.7	71.7	7	1.0	0.0	0.635	48.2	71.4	7.5	71.8	6	1.0	0.0	0.4	1.0	0.0	0.716	48.3	72.2	3.8	72.3	3	1.0	0.0	0.4
8	367	364	1.0	0.0	0.586	48.2	71.0	10.0	71.7	8	1.0	0.0	0.61	48.2	71.2	8.7	71.7	7	1.0	0.0	0.383	1.0	0.0	0.689	48.3	71.9	5.0	72.1	4	1.0	0.0	0.383
9	368	365	1.0	0.0	0.561	48.2	70.8	11.2	71.7	9	1.0	0.0	0.586	48.2	71.0	10.0	71.7	8	1.0	0.0	0.367	1.0	0.0	0.662	48.2	71.7	6.3	71.9	5	1.0	0.0	0.367
10	369	366	1.0	0.0	0.537	48.2	70.6	12.4	71.7	10	1.0	0.0	0.561	48.2	70.8	11.2	71.7	9	1.0	0.0	0.35	1.0	0.0	0.635	48.2	71.4	7.5	71.8	6	1.0	0.0	0.35
11	370	367	1.0	0.0	0.513	48.2	70.3	13.7	71.7	11	1.0	0.0	0.537	48.2	70.6	12.4	71.7	10	1.0	0.0	0.333	1.0	0.0	0.61	48.2	71.2	8.7	71.7	7	1.0	0.0	0.333
12	371	367	1.0	0.0	0.49	48.2	70.1	14.9	71.7	12	1.0	0.0	0.513	48.2	70.3	13.7	71.7	11	1.0	0.0	0.317	1.0	0.0	0.61	48.2	71.2	8.7	71.7	7	1.0	0.0	0.317
13	372	368	1.0	0.0	0.466	48.2	70.0	16.2	71.9	13	1.0	0.0	0.49	48.2	70.1	14.9	71.7	12	1.0	0.0	0.3	1.0	0.0	0.586	48.2	71.0	10.0	71.7	8	1.0	0.0	0.3
14	373	369	1.0	0.0	0.443	48.1	69.9	17.4	72.0	14	1.0	0.0	0.466	48.2	70.0	16.2	71.9	13	1.0	0.0	0.283	1.0	0.0	0.561	48.2	70.8	11.2	71.7	9	1.0	0.0	0.283
15	374	370	1.0	0.0	0.42	48.1	69.7	18.7	72.2	15	1.0	0.0	0.443	48.1	69.9	17.4	72.0	14	1.0	0.0	0.267	1.0	0.0	0.537	48.2	70.6	12.4	71.7	10	1.0	0.0	0.267
16	375	371	1.0	0.0	0.397	48.1	69.5	19.9	72.3	16	1.0	0.0	0.42	48.1	69.7	18.7	72.2	15	1.0	0.0	0.25	1.0	0.0	0.513	48.2	70.3	13.7	71.7	11	1.0	0.0	0.25
17	376	372	1.0	0.0	0.374	48.0	69.3	21.2	72.5	17	1.0	0.0	0.397	48.1	69.5	19.9	72.3	16	1.0	0.0	0.233	1.0	0.0	0.49	48.2	70.1	14.9	71.7	12	1.0	0.0	0.233
18	377	373	1.0	0.0	0.355	48.0	69.2	22.5	72.8	18	1.0	0.0	0.374	48.0	69.3	21.2	72.5	17	1.0	0.0	0.217	1.0	0.0	0.466	48.2	70.0	16.2	71.9	13	1.0	0.0	0.217
19	378	374	1.0	0.0	0.335	48.0	69.1	23.8	73.1	19	1.0	0.0	0.355	48.0	69.2	22.5	72.8	18	1.0	0.0	0.2	1.0	0.0	0.443	48.1	69.9	17.4	72.0	14	1.0	0.0	0.2
20	379	375	1.0	0.0	0.315	48.0	69.0	25.1	73.4	20	1.0	0.0	0.335	48.0	69.1	23.8	73.1	19	1.0	0.0	0.183	1.0	0.0	0.42	48.1	69.7	18.7	72.2	15	1.0	0.0	0.183
21	380	376	1.0	0																												

Data of Maximum color M in colorimetric system Offset print ORS08_18_96; separation cmyn4*, 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 : $h_{ab,d} = 32.7, 92.6, 153.7, 229.4, 292.5, 357.5$; 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

$LCH^*_d = 90.9 \ 89.5 \ 92.5$

$LAB^*_d = 90.9 \ -4.0 \ 89.4$

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

$L=G_d$ Leaf green

$LCH^*_d = 55.2 \ 69.9 \ 153.7$

$LAB^*_d = 55.2 \ -62.7 \ 30.9$

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

$C=C_d$ Cyan blue

$LCH^*_d = 61.3 \ 59.2 \ 229.4$

$LAB^*_d = 61.3 \ -38.5 \ -45.0$

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

$O=R_d$ Orange red

$LCH^*_d = 49.9 \ 83.1 \ 32.6$

$LAB^*_d = 49.9 \ 70.0 \ 44.8$

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

$M=M_d$ Magenta red

$LCH^*_d = 50.1 \ 75.3 \ 357.5$

$LAB^*_d = 50.1 \ 75.2 \ -3.2$

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

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

$LCH^*_d = 26.5 \ 51.7 \ 292.4$

$LAB^*_d = 26.5 \ 19.8 \ -47.8$

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

J_e Yellow

$LCH^*_e = 90.3 \ 88.8 \ 92.0$

$LAB^*_e = 90.3 \ -3.1 \ 88.8$

$rgb^*_e = 1.0 \ 0.985 \ 0.0$

G_e Green

$LCH^*_e = 55.8 \ 64.2 \ 162.0$

$LAB^*_e = 55.8 \ -61.1 \ 19.8$

$rgb^*_e = 0.0 \ 1.0 \ 0.136$

C_e Blue green

$LCH^*_e = 60.2 \ 55.7 \ 217.0$

$LAB^*_e = 60.2 \ -44.5 \ -33.5$

$rgb^*_e = 0.0 \ 1.0 \ 0.821$

B_e Blue

$LCH^*_e = 36.0 \ 47.4 \ 272.0$

$LAB^*_e = 36.0 \ 1.6 \ -47.3$

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

R_e Red

$LCH^*_e = 49.9 \ 78.3 \ 25.0$

$LAB^*_e = 49.9 \ 71.0 \ 33.1$

$rgb^*_e = 1.0 \ 0.0 \ 0.249$

M_e Blue red

$LCH^*_e = 36.4 \ 56.2 \ 329.0$

$LAB^*_e = 36.4 \ 48.2 \ -28.9$

$rgb^*_e = 0.444 \ 0.0 \ 1.0$

J_s Yellow

$LCH^*_s = 88.3 \ 86.6 \ 90.0$

$LAB^*_s = 88.3 \ 0.0 \ 86.6$

$rgb^*_s = 1.0 \ 0.937 \ 0.0$

G_s Green

$LCH^*_s = 57.0 \ 67.2 \ 150.0$

$LAB^*_s = 57.0 \ -58.2 \ 33.6$

$rgb^*_s = 0.06 \ 1.0 \ 0.0$

R_s Red

$LCH^*_s = 49.9 \ 81.2 \ 30.0$

$LAB^*_s = 49.9 \ 70.3 \ 40.6$

$rgb^*_s = 1.0 \ 0.0 \ 0.096$

M_s Blue red

$LCH^*_s = 36.8 \ 56.6 \ 330.0$

$LAB^*_s = 36.8 \ 49.0 \ -28.3$

$rgb^*_s = 0.456 \ 0.0 \ 1.0$

C_s Blue green

$LCH^*_s = 59.5 \ 54.8 \ 210.0$

$LAB^*_s = 59.5 \ -47.4 \ -27.4$

$rgb^*_s = 0.0 \ 1.0 \ 0.722$

B_s Blue

$LCH^*_s = 36.9 \ 47.3 \ 270.0$

$LAB^*_s = 36.9 \ 0.0 \ -47.3$

$rgb^*_s = 0.0 \ 0.293 \ 1.0$

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

Data of Maximum color M in colorimetric system Offset print ORS08_18_96; separation cmyn4*, 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: $h_{ab,d} = 32.7, 92.6, 153.7, 229.4, 292.5, 357.5$; 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* _{es50M}	rgb* _{de50M}	LAB* _{de50Mx} (x=LabCh)	rgb* _{es50M}																							
32.7	30.0	25.5	1.0	0.0	0.0	49.9	70.0	44.9	83.1	32.7	1.0	0.0	0.097	49.9	70.4	40.6	81.3	30	1.0	0.0	0.0	1.0	0.0	0.25	49.9	71.0	33.1	78.4	25	1.0	0.0	0.0	
38.9	37.5	33.8	1.0	0.125	0.0	53.8	61.8	49.8	79.4	38.9	1.0	0.108	0.0	53.3	63.0	49.2	79.9	38	1.0	0.125	0.0	1.0	0.027	0.0	50.8	68.3	46.0	82.3	34	1.0	0.125	0.0	
46.6	45.0	42.2	1.0	0.25	0.0	58.5	52.1	55.2	75.9	46.6	1.0	0.224	0.0	57.5	54.2	54.2	76.6	45	1.0	0.25	0.0	1.0	0.175	0.0	55.7	57.9	52.2	78.0	42	1.0	0.25	0.0	
55.6	52.5	50.5	1.0	0.375	0.0	63.7	41.6	60.6	73.5	55.6	1.0	0.339	0.0	62.2	44.7	59.3	74.2	53	1.0	0.375	0.0	1.0	0.311	0.0	61.0	47.0	58.1	74.7	51	1.0	0.375	0.0	
65.2	60.0	58.9	1.0	0.5	0.0	69.5	30.8	66.5	73.3	65.2	1.0	0.433	0.0	66.4	36.7	63.6	73.4	60	1.0	0.5	0.0	1.0	0.42	0.0	65.8	37.8	63.0	73.5	59	1.0	0.5	0.0	
74.0	67.5	67.2	1.0	0.625	0.0	75.1	20.9	72.6	75.6	74.0	1.0	0.54	0.0	71.3	27.7	68.7	74.1	68	1.0	0.625	0.0	1.0	0.526	0.0	70.7	28.8	67.9	73.8	67	1.0	0.625	0.0	
81.7	75.0	75.6	1.0	0.75	0.0	80.9	11.4	78.2	79.1	81.7	1.0	0.642	0.0	75.9	19.7	73.4	76.0	75	1.0	0.75	0.0	1.0	0.658	0.0	76.7	18.5	74.2	76.5	76	1.0	0.75	0.0	
87.4	82.5	84.0	1.0	0.875	0.0	85.8	3.7	83.7	83.8	87.4	1.0	0.778	0.0	82.0	9.8	79.5	80.1	83	1.0	0.875	0.0	1.0	0.8	0.0	82.9	8.5	80.5	81.0	84	1.0	0.875	0.0	
92.6	90.0	92.3	1.0	1.0	0.0	91.0	-3.9	89.4	89.5	92.6	1.0	0.937	0.0	88.4	0.0	86.7	86.7	90	1.0	1.0	0.0	1.0	0.986	0.0	90.4	-3.0	88.8	88.9	92	1.0	1.0	0.0	
96.2	97.5	101.1	0.875	1.0	0.0	86.8	-9.1	84.0	84.5	96.2	0.814	1.0	0.0	84.9	-11.4	81.8	82.6	98	0.875	1.0	0.0	0.73	1.0	0.0	82.0	-15.0	77.5	78.9	101	0.875	1.0	0.0	
99.9	105.0	109.8	0.75	1.0	0.0	82.8	-13.7	79.3	80.5	99.9	0.66	1.0	0.0	79.3	-18.9	70.9	73.4	105	0.75	1.0	0.0	0.573	1.0	0.0	76.0	-23.5	64.9	69.0	110	0.75	1.0	0.0	
107.0	112.5	118.5	0.625	1.0	0.0	77.9	-20.5	67.6	70.7	107.0	0.522	1.0	0.0	74.1	-26.2	62.0	67.4	113	0.625	1.0	0.0	0.426	1.0	0.0	70.4	-31.7	57.3	65.5	119	0.625	1.0	0.0	
114.3	120.0	127.3	0.5	1.0	0.0	73.2	-27.3	60.7	66.6	114.3	0.41	1.0	0.0	69.8	-32.5	56.5	65.3	120	0.5	1.0	0.0	0.336	1.0	0.0	66.5	-38.2	50.8	63.7	127	0.5	1.0	0.0	
122.2	127.5	136.0	0.375	1.0	0.0	68.5	-34.4	54.8	64.7	122.2	0.328	1.0	0.0	66.1	-38.9	50.0	63.4	128	0.375	1.0	0.0	0.263	1.0	0.0	62.9	-44.2	42.8	61.6	136	0.375	1.0	0.0	
137.5	135.0	144.7	0.25	1.0	0.0	62.3	-45.1	41.4	61.3	137.5	0.271	1.0	0.0	63.3	-43.6	43.7	61.8	135	0.25	1.0	0.0	0.141	1.0	0.0	59.4	-52.4	36.7	64.1	145	0.25	1.0	0.0	
146.1	142.5	153.5	0.125	1.0	0.0	59.0	-53.4	36.0	64.5	146.1	0.17	1.0	0.0	60.2	-50.5	38.1	63.3	143	0.125	1.0	0.0	0.012	1.0	0.0	55.6	-61.8	31.5	69.4	153	0.125	1.0	0.0	
153.7	150.0	162.2	0.0	1.0	0.0	55.2	-62.6	31.0	69.9	153.7	0.061	1.0	0.0	57.0	-58.2	33.6	67.3	150	0.0	1.0	0.0	0.0	1.0	0.136	55.8	-61.0	19.9	64.3	162	0.0	1.0	0.0	
161.2	157.5	169.1	0.0	1.0	0.125	55.8	-61.1	20.8	64.6	161.2	0.0	1.0	0.072	55.5	-61.9	25.1	66.9	158	0.0	1.0	0.125	0.0	1.0	0.235	56.2	-59.9	11.7	61.1	169	0.0	1.0	0.125	
170.1	165.0	175.9	0.0	1.0	0.25	56.3	-59.6	10.4	60.6	170.1	0.0	1.0	0.178	56.0	-60.7	16.3	62.9	165	0.0	1.0	0.25	0.0	1.0	0.314	56.7	-58.3	4.1	58.6	176	0.0	1.0	0.25	
181.7	172.5	182.8	0.0	1.0	0.375	57.2	-56.5	-1.6	56.6	181.7	0.0	1.0	0.281	56.5	-59.0	7.3	59.6	173	0.0	1.0	0.375	0.0	1.0	0.39	57.3	-56.2	-2.9	56.4	183	0.0	1.0	0.375	
192.7	180.0	189.6	0.0	1.0	0.5	58.2	-53.2	-11.9	54.6	192.7	0.0	1.0	0.357	57.0	-57.1	0.0	57.2	180	0.0	1.0	0.5	0.0	1.0	0.469	57.9	-54.2	-9.5	55.1	190	0.0	1.0	0.5	
202.6	187.5	196.4	0.0	1.0	0.625	58.8	-50.0	-20.7	54.2	202.6	0.0	1.0	0.446	57.7	-54.8	-7.6	55.5	188	0.0	1.0	0.625	0.0	1.0	0.542	58.4	-52.3	-14.9	54.5	196	0.0	1.0	0.625	
212.1	195.0	203.3	0.0	1.0	0.75	59.8	-46.5	-29.1	55.0	212.1	0.0	1.0	0.529	58.3	-52.6	-14.0	54.5	195	0.0	1.0	0.75	0.0	1.0	0.631	58.9	-49.8	-21.1	54.3	203	0.0	1.0	0.75	
220.6	202.5	210.1	0.0	1.0	0.875	60.7	-42.7	-36.6	56.3	220.6	0.0	1.0	0.631	58.9	-49.8	-21.1	54.3	203	0.0	1.0	0.875	0.0	1.0	0.722	59.6	-47.4	-27.3	54.8	210	0.0	1.0	0.875	
229.4	210.0	217.0	0.0	1.0	1.0	61.3	-38.4	-44.9	59.3	229.4	0.0	1.0	0.722	59.6	-47.4	-27.3	54.8	210	0.0	1.0	1.0	0.0	1.0	0.822	60.3	-44.4	-33.5	55.7	217	0.0	1.0	1.0	
234.2	217.5	223.8	0.0	0.875	1.0	57.2	-32.7	-45.5	56.1	234.2	0.0	1.0	0.837	60.4	-44.0	-34.3	55.9	218	0.0	0.875	1.0	0.0	1.0	0.923	60.9	-41.2	-39.8	57.4	224	0.0	0.875	1.0	
239.2	225.0	230.7	0.0	0.75	1.0	53.4	-27.4	-45.9	53.6	239.2	0.0	1.0	0.937	61.0	-40.8	-40.8	57.8	225	0.0	0.75	1.0	0.0	1.0	0.959	1.0	-36.6	-45.2	58.2	231	0.0	0.75	1.0	
246.1	232.5	237.5	0.0	0.625	1.0	49.1	-20.4	-46.2	50.6	246.1	0.0	0.907	1.0	58.3	-34.2	-45.4	56.9	233	0.0	0.625	1.0	0.0	1.0	0.78	1.0	54.4	-28.6	-45.9	54.2	238	0.0	0.625	1.0
254.1	240.0	244.4	0.0	0.5	1.0	44.6	-13.1	-46.5	48.5	254.1	0.0	0.735	1.0	52.9	-26.5	-46.0	53.3	240	0.0	0.5	1.0	0.0	1.0	0.662	1.0	50.4	-22.5	-46.2	51.5	244	0.0	0.5	1.0
263.7	247.5	251.2	0.0	0.375	1.0	39.8	-5.1	-46.8	47.2	263.7	0.0	0.595	1.0	48.0	-18.7	-46.4	50.1	248	0.0	0.375	1.0	0.0	1.0	0.549	1.0	46.4	-15.9	-46.5	49.3	251	0.0	0.375	1.0
273.4	255.0	258.0	0.0	0.25	1.0	35.4	2.8	-47.3	47.5	273.4	0.0	0.489	1.0	44.2	-12.4	-46.6	48.3	255	0.0	0.25	1.0	0.0	1.0	0.449	1.0	42.7	-9.9	-46.8	47.9	258	0.0	0.25	1.0
282.8	262.5	264.9	0.0	0.125	1.0	31.0	10.9	-47.6	49.0	282.8	0.0	0.384	1.0	40.1	-5.7	-46.8	47.3	263	0.0	0.125	1.0	0.0	1.0	0.358	1.0	39.2	-4.0	-47.0	47.2	265	0.0	0.125	1.0
292.5	270.0	271.7	0.0	0.0	1.0	26.6	19.8	-47.7	51.8	292.5	0.0	0.293	1.0	36.9	0.0	-47.3	47.4	270	0.0	0.0	1.0	0.0	1.0	0.268	1.0	36.0	1.7	-47.3	47.4	272	0.0	0.0	1.0
304.4	277.5	278.8	0.125	0.0	1.0	29.0	29.4	-42.8	52.0	304.4	0.0	0.189	1.0	33.2	6.7	-47.6	48.2	278	0.125	0.0	1.0	0.0	1.0	0.176	1.0	32.7	7.6	-47.7	48.4	279	0.125	0.0	1.0
314.8	285.0	286.0	0.25	0.0	1.0	31.1	37.0	-37.2	52.5	314.8	0.0	0.097	1.0	30.0	12.8	-47.8	49.6	285	0.25	0.0	1.0	0.0	1.0	0.084	1.0	29.5	13.8	-47.9	49.9	286	0.25	0.0	1.0
323.2	292.5	293.1	0.375	0.0	1.0	34.3	43.																										

See original or copy: <http://web.me.com/klaus.richter/OE36/OE36L0NP.PDF> /.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 ORS08_18_96; separation cmyn4*, 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: $h_{ab,d} = 32.7, 92.6, 153.7, 229.4, 292.5, 357.5$; Six hue angles of the elementary colours e: $h_{ab,e} = 25.5, 92.3, 162.2, 217.0, 271.7, 328.6$																																
$h_{ab,d}$	$h_{ab,s}$	$h_{ab,e}$	$rgb^*_{dd361Mi}$			$LAB^*_{dd361Mix}(x=LabCh)$			R_d	$rgb^*_{ds361Mi}$			$LAB^*_{ds361Mix}(x=LabCh)$			rgb^*_{s50M}			$0.0R_s$	$rgb^*_{de361Mi}$			$LAB^*_{de361Mix}(x=LabCh)$			rgb^*_{e50M}			$0.0R_e$	rgb^*_{dd}	rgb^*_{ds}	rgb^*_{de}
32	30	25	1.0	0.0	0.024	49.9	70.1	43.8	82.7	32	1.0	0.0	0.097	49.9	70.4	40.6	81.3	30	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
33	31	27	1.0	0.007	0.0	50.1	69.6	45.2	82.9	33	1.0	0.0	0.06	49.9	70.3	42.2	82.0	31	1.0	0.017	0.0	1.0	0.0	0.191	49.9	70.8	36.1	79.5	27	1.0	0.017	0.0
34	32	28	1.0	0.027	0.0	50.8	68.3	46.0	82.3	34	1.0	0.0	0.024	49.9	70.1	43.8	82.7	32	1.0	0.033	0.0	1.0	0.0	0.161	49.9	70.7	37.6	80.1	28	1.0	0.033	0.0
35	33	29	1.0	0.047	0.0	51.4	67.0	46.9	81.7	35	1.0	0.007	0.0	50.1	69.6	45.2	82.9	33	1.0	0.05	0.0	1.0	0.0	0.132	49.9	70.5	39.1	80.6	29	1.0	0.05	0.0
36	34	30	1.0	0.067	0.0	52.0	65.6	47.7	81.1	36	1.0	0.027	0.0	50.8	68.3	46.0	82.3	34	1.0	0.067	0.0	1.0	0.0	0.097	49.9	70.4	40.6	81.3	30	1.0	0.067	0.0
37	35	31	1.0	0.087	0.0	52.7	64.3	48.5	80.5	37	1.0	0.047	0.0	51.4	67.0	46.9	81.7	35	1.0	0.083	0.0	1.0	0.0	0.06	49.9	70.3	42.2	82.0	31	1.0	0.083	0.0
38	36	32	1.0	0.108	0.0	53.3	63.0	49.2	79.9	38	1.0	0.067	0.0	52.0	65.6	47.7	81.1	36	1.0	0.1	0.0	1.0	0.0	0.024	49.9	70.1	43.8	82.7	32	1.0	0.1	0.0
39	37	33	1.0	0.127	0.0	53.9	61.7	49.9	79.3	39	1.0	0.087	0.0	52.7	64.3	48.5	80.5	37	1.0	0.117	0.0	1.0	0.007	0.0	50.1	69.6	45.2	82.9	33	1.0	0.117	0.0
40	38	34	1.0	0.143	0.0	54.5	60.4	50.7	78.9	40	1.0	0.108	0.0	53.3	63.0	49.2	79.9	38	1.0	0.133	0.0	1.0	0.027	0.0	50.8	68.3	46.0	82.3	34	1.0	0.133	0.0
41	39	36	1.0	0.159	0.0	55.1	59.2	51.5	78.4	41	1.0	0.127	0.0	53.9	61.7	49.9	79.3	39	1.0	0.15	0.0	1.0	0.067	0.0	52.0	65.6	47.7	81.1	36	1.0	0.15	0.0
42	40	37	1.0	0.175	0.0	55.7	57.9	52.2	78.0	42	1.0	0.143	0.0	54.5	60.4	50.7	78.9	40	1.0	0.167	0.0	1.0	0.087	0.0	52.7	64.3	48.5	80.5	37	1.0	0.167	0.0
43	41	38	1.0	0.191	0.0	56.3	56.7	52.9	77.5	43	1.0	0.159	0.0	55.1	59.2	51.5	78.4	41	1.0	0.183	0.0	1.0	0.108	0.0	53.3	63.0	49.2	79.9	38	1.0	0.183	0.0
44	42	39	1.0	0.207	0.0	56.9	55.4	53.5	77.1	44	1.0	0.175	0.0	55.7	57.9	52.2	78.0	42	1.0	0.2	0.0	1.0	0.127	0.0	53.9	61.7	49.9	79.3	39	1.0	0.2	0.0
45	43	40	1.0	0.224	0.0	57.5	54.2	54.2	76.6	45	1.0	0.191	0.0	56.3	56.7	52.9	77.5	43	1.0	0.217	0.0	1.0	0.143	0.0	54.5	60.4	50.7	78.9	40	1.0	0.217	0.0
46	44	41	1.0	0.24	0.0	58.1	52.9	54.8	76.1	46	1.0	0.207	0.0	56.9	55.4	53.5	77.1	44	1.0	0.233	0.0	1.0	0.159	0.0	55.1	59.2	51.5	78.4	41	1.0	0.233	0.0
47	45	42	1.0	0.255	0.0	58.7	51.7	55.4	75.8	47	1.0	0.224	0.0	57.5	54.2	54.2	76.6	45	1.0	0.25	0.0	1.0	0.175	0.0	55.7	57.9	52.2	78.0	42	1.0	0.25	0.0
48	46	43	1.0	0.269	0.0	59.3	50.5	56.1	75.5	48	1.0	0.24	0.0	58.1	52.9	54.8	76.1	46	1.0	0.267	0.0	1.0	0.191	0.0	56.3	56.7	52.9	77.5	43	1.0	0.267	0.0
49	47	44	1.0	0.283	0.0	59.8	49.4	56.8	75.2	49	1.0	0.255	0.0	58.7	51.7	55.4	75.8	47	1.0	0.283	0.0	1.0	0.207	0.0	56.9	55.4	53.5	77.1	44	1.0	0.283	0.0
50	48	46	1.0	0.297	0.0	60.4	48.2	57.4	75.0	50	1.0	0.269	0.0	59.3	50.5	56.1	75.5	48	1.0	0.3	0.0	1.0	0.24	0.0	58.1	52.9	54.8	76.1	46	1.0	0.3	0.0
51	49	47	1.0	0.311	0.0	61.0	47.0	58.1	74.7	51	1.0	0.283	0.0	59.8	49.4	56.8	75.2	49	1.0	0.317	0.0	1.0	0.255	0.0	58.7	51.7	55.4	75.8	47	1.0	0.317	0.0
52	50	48	1.0	0.325	0.0	61.6	45.8	58.7	74.5	52	1.0	0.297	0.0	60.4	48.2	57.4	75.0	50	1.0	0.333	0.0	1.0	0.269	0.0	59.3	50.5	56.1	75.5	48	1.0	0.333	0.0
53	51	49	1.0	0.339	0.0	62.2	44.7	59.3	74.2	53	1.0	0.311	0.0	61.0	47.0	58.1	74.7	51	1.0	0.35	0.0	1.0	0.283	0.0	59.8	49.4	56.8	75.2	49	1.0	0.35	0.0
54	52	50	1.0	0.353	0.0	62.8	43.5	59.8	73.9	54	1.0	0.325	0.0	61.6	45.8	58.7	74.5	52	1.0	0.367	0.0	1.0	0.297	0.0	60.4	48.2	57.4	75.0	50	1.0	0.367	0.0
55	53	51	1.0	0.367	0.0	63.4	42.3	60.3	73.7	55	1.0	0.339	0.0	62.2	44.7	59.3	74.2	53	1.0	0.383	0.0	1.0	0.311	0.0	61.0	47.0	58.1	74.7	51	1.0	0.383	0.0
56	54	52	1.0	0.38	0.0	64.0	41.1	60.9	73.5	56	1.0	0.353	0.0	62.8	43.5	59.8	73.9	54	1.0	0.4	0.0	1.0	0.325	0.0	61.6	45.8	58.7	74.5	52	1.0	0.4	0.0
57	55	53	1.0	0.393	0.0	64.6	40.0	61.6	73.5	57	1.0	0.367	0.0	63.4	42.3	60.3	73.7	55	1.0	0.417	0.0	1.0	0.339	0.0	62.2	44.7	59.3	74.2	53	1.0	0.417	0.0
58	56	54	1.0	0.407	0.0	65.2	38.9	62.3	73.5	58	1.0	0.38	0.0	64.0	41.1	60.9	73.5	56	1.0	0.433	0.0	1.0	0.353	0.0	62.8	43.5	59.8	73.9	54	1.0	0.433	0.0
59	57	56	1.0	0.42	0.0	65.8	37.8	63.0	73.5	59	1.0	0.393	0.0	64.6	40.0	61.6	73.5	57	1.0	0.45	0.0	1.0	0.38	0.0	64.0	41.1	60.9	73.5	56	1.0	0.45	0.0
60	58	57	1.0	0.433	0.0	66.4	36.7	63.6	73.4	60	1.0	0.407	0.0	65.2	38.9	62.3	73.5	58	1.0	0.467	0.0	1.0	0.393	0.0	64.6	40.0	61.6	73.5	57	1.0	0.467	0.0
61	59	58	1.0	0.446	0.0	67.0	35.6	64.2	73.4	61	1.0	0.42	0.0	65.8	37.8	63.0	73.5	59	1.0	0.483	0.0	1.0	0.407	0.0	65.2	38.9	62.3	73.5	58	1.0	0.483	0.0
62	60	59	1.0	0.459	0.0	67.6	34.5	64.8	73.4	62	1.0	0.433	0.0	66.4	36.7	63.6	73.4	60	1.0	0.5	0.0	1.0	0.42	0.0	65.8	37.8	63.0	73.5	59	1.0	0.5	0.0
63	61	60	1.0	0.472	0.0	68.2	33.3	65.4	73.4	63	1.0	0.446	0.0	67.0	35.6	64.2	73.4	61	1.0	0.517	0.0	1.0	0.433	0.0	66.4	36.7	63.6	73.4	60	1.0	0.517	0.0
64	62	61	1.0	0.485	0.0	68.8	32.2	65.9	73.4	64	1.0	0.459	0.0	67.6	34.5	64.8	73.4	62	1.0	0.533	0.0	1.0	0.446	0.0	67.0	35.6	64.2	73.4	61	1.0	0.533	0.0
65	63	62	1.0	0.498	0.0	69.4	31.0	66.5	73.3	65	1.0	0.472	0.0	68.2	33.3	65.4	73.4	63	1.0	0.55	0.0	1.0	0.459	0.0	67.6	34.5	64.8	73.4	62	1.0	0.55	0.0
66	64	63	1.0	0.512	0.0	70.1	29.9	67.2	73.5	66	1.0	0.485	0.0	68.8	32.2	65.9	73.4	64	1.0	0.567	0.0	1.0	0.472	0.0	68.2	33.3	65.4	73.4	63	1.0	0.567	0.0
67	65	64	1.0	0.526	0.0	70.7	28.8	67.9	73.8	67	1.0	0.498	0.0	69.4	31.0	66.5	73.3	65	1.0	0.583	0.0	1.0	0.485	0.0	68.8	32.2	65.9	73.4	64	1.0	0.583	0.0
68	66	66	1.0	0.54	0.0	71.3	27.7	68.7	74.1	68	1.0	0.512	0.0	70.1	29.9	67.2	73.5	66	1.0	0.6	0.0	1.0	0.512	0.0	70.1	29.9	67.2	73.5	66	1.0	0.6	0.0
69	67	67	1.0	0.555	0.0	72.0	26.6	69.4	74.3	69	1.0	0.526	0.0	70.7	28.8	67.9	73.8	67	1.0	0.617	0.0	1.0	0.526	0.0	70.7	28.8	67.9	73.8	67	1.0	0.617	0.0
70	68	68	1.0	0.569	0.0	72.6	25.5	70.1	74.6	70	1.0	0.54	0.0	71.3	27.7	68.7	74.1	68	1.0	0.633	0.0	1.0	0.54	0.0	71.3	27.7	68.7	74.1	68	1.0	0.633	0.0
71	69	69	1.0	0.583	0.0	73.3	24.4	70.7	74.8	71	1.0	0.555	0.0	72.0	26.6	69.4	74.3	69	1.0	0.65	0.0	1.0	0.555	0.0	72.0	26.6	69.4	74.3	69	1.0	0.65	0.0
72	70	7																														

OE360-7N, Page of series 13/20, RX0, D50, XYZnw=3.6, 3.7, 3.0, 87.7, 91.3, 72.9, LAB*nw=22.6, 0.7, 0.6, 96.5, -0.5, 2.1, not adapted

TUB-test chart OE36; 48 and 360 step hue circles, Page 13/20
Data of Offset print ORS08_18_96, separation cmyn6*, D65 and D50

Output: Offset print ORS08_18_96; separation cmyn4*, D65 and D50, page 13/20

input: rgb^*_d set $rgbcolor$
output: $cmyn4^*_d = f_4(rgb^*_d)$

TUB registration: 20110301-OE36/OE36L0NP.PDF /.PS
application for measurement of printer or monitor systems

TUB material: code=rha4ta

See original or copy: <http://web.me.com/klaus.richter/OE36/OE36L0NP.PDF> /.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 ORS08_18_96; separation cmyn4*, 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: $h_{ab,d} = 32.7, 92.6, 153.7, 229.4, 292.5, 357.5$; Six hue angles of the elementary colours e: $h_{ab,e} = 25.5, 92.3, 162.2, 217.0, 271.7, 328.6$																																								
$h_{ab,d}$	$h_{ab,s}$	$h_{ab,e}$	$rgb^*_{dd361Mi}$			$LAB^*_{dd361Mix}(x=LabCh)$			$rgb^*_{ds361Mi}$			$LAB^*_{ds361Mix}(x=LabCh)$			rgb^*_{s50M}			$rgb^*_{de361Mi}$			$LAB^*_{de361Mix}(x=LabCh)$			rgb^*_{e50M}			$rgb^*_{dd361Mi}$			$rgb^*_{ds361Mi}$			$rgb^*_{de361Mi}$			rgb^*_{e50M}				
77	75	76	1.0	0.674	0.0	77.4	17.3	75.0	76.9	77	1.0	0.642	0.0	75.9	19.7	73.4	76.0	75	1.0	0.75	0.0	1.0	0.658	0.0	76.7	18.5	74.2	76.5	76	1.0	0.75	0.0								
78	76	77	1.0	0.69	0.0	78.2	16.1	75.7	77.4	78	1.0	0.658	0.0	76.7	18.5	74.2	76.5	76	1.0	0.767	0.0	1.0	0.674	0.0	77.4	17.3	75.0	76.9	77	1.0	0.767	0.0								
79	77	78	1.0	0.706	0.0	78.9	14.9	76.4	77.8	79	1.0	0.674	0.0	77.4	17.3	75.0	76.9	77	1.0	0.783	0.0	1.0	0.69	0.0	78.2	16.1	75.7	77.4	78	1.0	0.783	0.0								
80	78	79	1.0	0.723	0.0	79.6	13.6	77.1	78.3	80	1.0	0.69	0.0	78.2	16.1	75.7	77.4	78	1.0	0.8	0.0	1.0	0.706	0.0	78.9	14.9	76.4	77.8	79	1.0	0.8	0.0								
81	79	80	1.0	0.739	0.0	80.4	12.3	77.8	78.7	81	1.0	0.706	0.0	78.9	14.9	76.4	77.8	79	1.0	0.817	0.0	1.0	0.723	0.0	79.6	13.6	77.1	78.3	80	1.0	0.817	0.0								
82	80	81	1.0	0.757	0.0	81.2	11.0	78.5	79.3	82	1.0	0.723	0.0	79.6	13.6	77.1	78.3	80	1.0	0.833	0.0	1.0	0.739	0.0	80.4	12.3	77.8	78.7	81	1.0	0.833	0.0								
83	81	82	1.0	0.778	0.0	82.0	9.8	79.5	80.1	83	1.0	0.739	0.0	80.4	12.3	77.8	78.7	81	1.0	0.85	0.0	1.0	0.757	0.0	81.2	11.0	78.5	79.3	82	1.0	0.85	0.0								
84	82	83	1.0	0.8	0.0	82.9	8.5	80.5	81.0	84	1.0	0.757	0.0	81.2	11.0	78.5	79.3	82	1.0	0.867	0.0	1.0	0.778	0.0	82.0	9.8	79.5	80.1	83	1.0	0.867	0.0								
85	83	85	1.0	0.822	0.0	83.7	7.1	81.5	81.8	85	1.0	0.778	0.0	82.0	9.8	79.5	80.1	83	1.0	0.883	0.0	1.0	0.822	0.0	83.7	7.1	81.5	81.8	85	1.0	0.883	0.0								
86	84	86	1.0	0.844	0.0	84.6	5.8	82.4	82.6	86	1.0	0.8	0.0	82.9	8.5	80.5	81.0	84	1.0	0.9	0.0	1.0	0.844	0.0	84.6	5.8	82.4	82.6	86	1.0	0.9	0.0								
87	85	87	1.0	0.865	0.0	85.4	4.4	83.3	83.4	87	1.0	0.822	0.0	83.7	7.1	81.5	81.8	85	1.0	0.917	0.0	1.0	0.865	0.0	85.4	4.4	83.3	83.4	87	1.0	0.917	0.0								
88	86	88	1.0	0.888	0.0	86.3	2.9	84.4	84.4	88	1.0	0.844	0.0	84.6	5.8	82.4	82.6	86	1.0	0.933	0.0	1.0	0.888	0.0	86.3	2.9	84.4	84.4	88	1.0	0.933	0.0								
89	87	89	1.0	0.913	0.0	87.4	1.5	85.5	85.5	89	1.0	0.865	0.0	85.4	4.4	83.3	83.4	87	1.0	0.95	0.0	1.0	0.913	0.0	87.4	1.5	85.5	85.5	89	1.0	0.95	0.0								
90	88	90	1.0	0.937	0.0	88.4	0.0	86.7	86.7	90	1.0	0.888	0.0	86.3	2.9	84.4	84.4	88	1.0	0.967	0.0	1.0	0.937	0.0	88.4	0.0	86.7	86.7	90	1.0	0.967	0.0								
91	89	91	1.0	0.962	0.0	89.4	-1.4	87.8	87.8	91	1.0	0.913	0.0	87.4	1.5	85.5	85.5	89	1.0	0.983	0.0	1.0	0.962	0.0	89.4	-1.4	87.8	87.8	91	1.0	0.983	0.0								
92	90	92	1.0	0.986	0.0	90.4	-3.0	88.8	88.9	92	J_d	1.0	0.937	0.0	88.4	0.0	86.7	86.7	90	1.0	1.0	0.0	J_s	1.0	0.986	0.0	90.4	-3.0	88.8	88.9	92	1.0	1.0	0.0	J_e					
93	91	93	0.985	1.0	0.0	90.5	-4.6	88.8	88.9	93	1.0	0.962	0.0	89.4	-1.4	87.8	87.8	91	0.983	1.0	0.0	0.985	1.0	0.0	90.5	-4.6	88.8	88.9	93	0.983	1.0	0.0								
94	92	95	0.951	1.0	0.0	89.3	-6.0	87.4	87.6	94	1.0	0.986	0.0	90.4	-3.0	88.8	88.9	92	0.967	1.0	0.0	0.917	1.0	0.0	88.2	-7.4	85.9	86.2	95	0.967	1.0	0.0								
95	93	96	0.917	1.0	0.0	88.2	-7.4	85.9	86.2	95	0.985	1.0	0.0	90.5	-4.6	88.8	88.9	93	0.95	1.0	0.0	0.883	1.0	0.0	87.1	-8.8	84.4	84.8	96	0.95	1.0	0.0								
96	94	97	0.883	1.0	0.0	87.1	-8.8	84.4	84.8	96	0.951	1.0	0.0	89.3	-6.0	87.4	87.6	94	0.933	1.0	0.0	0.849	1.0	0.0	86.0	-10.1	83.1	83.7	97	0.933	1.0	0.0								
97	95	98	0.849	1.0	0.0	86.0	-10.1	83.1	83.7	97	0.917	1.0	0.0	88.2	-7.4	85.9	86.2	95	0.917	1.0	0.0	0.814	1.0	0.0	84.9	-11.4	81.8	82.6	98	0.917	1.0	0.0								
98	96	99	0.814	1.0	0.0	84.9	-11.4	81.8	82.6	98	0.883	1.0	0.0	87.1	-8.8	84.4	84.8	96	0.9	1.0	0.0	0.78	1.0	0.0	83.8	-12.6	80.4	81.5	99	0.9	1.0	0.0								
99	97	100	0.78	1.0	0.0	83.8	-12.6	80.4	81.5	99	0.849	1.0	0.0	86.0	-10.1	83.1	83.7	97	0.883	1.0	0.0	0.748	1.0	0.0	82.7	-13.8	79.1	80.3	100	0.883	1.0	0.0								
100	98	102	0.748	1.0	0.0	82.7	-13.8	79.1	80.3	100	0.814	1.0	0.0	84.9	-11.4	81.8	82.6	98	0.867	1.0	0.0	0.713	1.0	0.0	81.3	-16.0	75.9	77.5	102	0.867	1.0	0.0								
101	99	103	0.73	1.0	0.0	82.0	-15.0	77.5	78.9	101	0.78	1.0	0.0	83.8	-12.6	80.4	81.5	99	0.85	1.0	0.0	0.695	1.0	0.0	80.6	-17.0	74.2	76.2	103	0.85	1.0	0.0								
102	100	104	0.713	1.0	0.0	81.3	-16.0	75.9	77.5	102	0.748	1.0	0.0	82.7	-13.8	79.1	80.3	100	0.833	1.0	0.0	0.677	1.0	0.0	80.0	-18.0	72.6	74.8	104	0.833	1.0	0.0								
103	101	105	0.695	1.0	0.0	80.6	-17.0	74.2	76.2	103	0.73	1.0	0.0	82.0	-15.0	77.5	78.9	101	0.817	1.0	0.0	0.66	1.0	0.0	79.3	-18.9	70.9	73.4	105	0.817	1.0	0.0								
104	102	106	0.677	1.0	0.0	80.0	-18.0	72.6	74.8	104	0.713	1.0	0.0	81.3	-16.0	75.9	77.5	102	0.8	1.0	0.0	0.642	1.0	0.0	78.6	-19.8	69.2	72.0	106	0.8	1.0	0.0								
105	103	107	0.66	1.0	0.0	79.3	-18.9	70.9	73.4	105	0.695	1.0	0.0	80.6	-17.0	74.2	76.2	103	0.783	1.0	0.0	0.624	1.0	0.0	77.9	-20.6	67.6	70.7	107	0.783	1.0	0.0								
106	104	109	0.642	1.0	0.0	78.6	-19.8	69.2	72.0	106	0.677	1.0	0.0	80.0	-18.0	72.6	74.8	104	0.767	1.0	0.0	0.59	1.0	0.0	76.6	-22.6	65.8	69.6	109	0.767	1.0	0.0								
107	105	110	0.624	1.0	0.0	77.9	-20.6	67.6	70.7	107	0.66	1.0	0.0	79.3	-18.9	70.9	73.4	105	0.75	1.0	0.0	0.573	1.0	0.0	76.0	-23.5	64.9	69.0	110	0.75	1.0	0.0								
108	106	111	0.607	1.0	0.0	77.3	-21.6	66.7	70.1	108	0.642	1.0	0.0	78.6	-19.8	69.2	72.0	106	0.733	1.0	0.0	0.556	1.0	0.0	75.3	-24.4	63.9	68.5	111	0.733	1.0	0.0								
109	107	112	0.59	1.0	0.0	76.6	-22.6	65.8	69.6	109	0.624	1.0	0.0																											

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

Data of Maximum color M in colorimetric system Offset print ORS08_18_96; separation cmyn4*, 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: $h_{ab,d} = 32.7, 92.6, 153.7, 229.4, 292.5, 357.5$; 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	$ds361Mix$	$(x=LabCh)$	rgb^*_d	$ds361Mi$	LAB^*_d	$ds361Mix$	$(x=LabCh)$	rgb^*_s	$s50M$	rgb^*_e	$de361Mi$	LAB^*_e	$de361Mix$	$(x=LabCh)$	rgb^*_e	$e50M$	rgb^*_d	rgb^*_s	rgb^*_e		
122	120	127	0.378	1.0	0.0	68.6	-34.2 54.9 64.8	122	0.41	1.0	0.0	69.8	-32.5 56.5 65.3	120	0.5	1.0	0.0	0.336	1.0	0.0	66.5	-38.2 50.8 63.7	127	0.5	1.0	0.0
123	121	128	0.369	1.0	0.0	68.1	-35.1 54.1 64.6	123	0.394	1.0	0.0	69.2	-33.4 55.7 65.0	121	0.483	1.0	0.0	0.328	1.0	0.0	66.1	-38.9 50.0 63.4	128	0.483	1.0	0.0
124	122	130	0.36	1.0	0.0	67.7	-35.9 53.3 64.3	124	0.378	1.0	0.0	68.6	-34.2 54.9 64.8	122	0.467	1.0	0.0	0.311	1.0	0.0	65.3	-40.4 48.2 63.0	130	0.467	1.0	0.0
125	123	131	0.352	1.0	0.0	67.3	-36.7 52.5 64.1	125	0.369	1.0	0.0	68.1	-35.1 54.1 64.6	123	0.45	1.0	0.0	0.303	1.0	0.0	64.9	-41.1 47.4 62.7	131	0.45	1.0	0.0
126	124	132	0.344	1.0	0.0	66.9	-37.4 51.7 63.9	126	0.36	1.0	0.0	67.7	-35.9 53.3 64.3	124	0.433	1.0	0.0	0.295	1.0	0.0	64.5	-41.7 46.5 62.5	132	0.433	1.0	0.0
127	125	133	0.336	1.0	0.0	66.5	-38.2 50.8 63.7	127	0.352	1.0	0.0	67.3	-36.7 52.5 64.1	125	0.417	1.0	0.0	0.287	1.0	0.0	64.1	-42.4 45.6 62.3	133	0.417	1.0	0.0
128	126	134	0.328	1.0	0.0	66.1	-38.9 50.0 63.4	128	0.344	1.0	0.0	66.9	-37.4 51.7 63.9	126	0.4	1.0	0.0	0.279	1.0	0.0	63.7	-43.0 44.6 62.1	134	0.4	1.0	0.0
129	127	135	0.32	1.0	0.0	65.7	-39.7 49.1 63.2	129	0.336	1.0	0.0	66.5	-38.2 50.8 63.7	127	0.383	1.0	0.0	0.271	1.0	0.0	63.3	-43.6 43.7 61.8	135	0.383	1.0	0.0
130	128	137	0.311	1.0	0.0	65.3	-40.4 48.2 63.0	130	0.328	1.0	0.0	66.1	-38.9 50.0 63.4	128	0.367	1.0	0.0	0.254	1.0	0.0	62.5	-44.8 41.9 61.4	137	0.367	1.0	0.0
131	129	138	0.303	1.0	0.0	64.9	-41.1 47.4 62.7	131	0.32	1.0	0.0	65.7	-39.7 49.1 63.2	129	0.35	1.0	0.0	0.243	1.0	0.0	62.1	-45.6 41.1 61.4	138	0.35	1.0	0.0
132	130	139	0.295	1.0	0.0	64.5	-41.7 46.5 62.5	132	0.311	1.0	0.0	65.3	-40.4 48.2 63.0	130	0.333	1.0	0.0	0.229	1.0	0.0	61.7	-46.5 40.5 61.8	139	0.333	1.0	0.0
133	131	140	0.287	1.0	0.0	64.1	-42.4 45.6 62.3	133	0.303	1.0	0.0	64.9	-41.1 47.4 62.7	131	0.317	1.0	0.0	0.214	1.0	0.0	61.3	-47.5 40.0 62.2	140	0.317	1.0	0.0
134	132	141	0.279	1.0	0.0	63.7	-43.0 44.6 62.1	134	0.295	1.0	0.0	64.5	-41.7 46.5 62.5	132	0.3	1.0	0.0	0.199	1.0	0.0	61.0	-48.5 39.4 62.6	141	0.3	1.0	0.0
135	133	142	0.271	1.0	0.0	63.3	-43.6 43.7 61.8	135	0.287	1.0	0.0	64.1	-42.4 45.6 62.3	133	0.283	1.0	0.0	0.185	1.0	0.0	60.6	-49.5 38.7 62.9	142	0.283	1.0	0.0
136	134	144	0.263	1.0	0.0	62.9	-44.2 42.8 61.6	136	0.279	1.0	0.0	63.7	-43.0 44.6 62.1	134	0.267	1.0	0.0	0.156	1.0	0.0	59.8	-51.4 37.4 63.7	144	0.267	1.0	0.0
137	135	145	0.254	1.0	0.0	62.5	-44.8 41.9 61.4	137	0.271	1.0	0.0	63.3	-43.6 43.7 61.8	135	0.25	1.0	0.0	0.141	1.0	0.0	59.4	-52.4 36.7 64.1	145	0.25	1.0	0.0
138	136	146	0.243	1.0	0.0	62.1	-45.6 41.1 61.4	138	0.263	1.0	0.0	62.9	-44.2 42.8 61.6	136	0.233	1.0	0.0	0.126	1.0	0.0	59.0	-53.3 36.0 64.4	146	0.233	1.0	0.0
139	137	147	0.229	1.0	0.0	61.7	-46.5 40.5 61.8	139	0.254	1.0	0.0	62.5	-44.8 41.9 61.4	137	0.217	1.0	0.0	0.11	1.0	0.0	58.5	-54.5 35.5 65.1	147	0.217	1.0	0.0
140	138	148	0.214	1.0	0.0	61.3	-47.5 40.0 62.2	140	0.243	1.0	0.0	62.1	-45.6 41.1 61.4	138	0.2	1.0	0.0	0.094	1.0	0.0	58.0	-55.7 34.9 65.8	148	0.2	1.0	0.0
141	139	149	0.199	1.0	0.0	61.0	-48.5 39.4 62.6	141	0.229	1.0	0.0	61.7	-46.5 40.5 61.8	139	0.183	1.0	0.0	0.077	1.0	0.0	57.5	-56.9 34.3 66.6	149	0.183	1.0	0.0
142	140	151	0.185	1.0	0.0	60.6	-49.5 38.7 62.9	142	0.214	1.0	0.0	61.3	-47.5 40.0 62.2	140	0.167	1.0	0.0	0.044	1.0	0.0	56.6	-59.4 33.0 68.0	151	0.167	1.0	0.0
143	141	152	0.17	1.0	0.0	60.2	-50.5 38.1 63.3	143	0.199	1.0	0.0	61.0	-48.5 39.4 62.6	141	0.15	1.0	0.0	0.028	1.0	0.0	56.1	-60.6 32.3 68.7	152	0.15	1.0	0.0
144	142	153	0.156	1.0	0.0	59.8	-51.4 37.4 63.7	144	0.185	1.0	0.0	60.6	-49.5 38.7 62.9	142	0.133	1.0	0.0	0.012	1.0	0.0	55.6	-61.8 31.5 69.4	153	0.133	1.0	0.0
145	143	154	0.141	1.0	0.0	59.4	-52.4 36.7 64.1	145	0.17	1.0	0.0	60.2	-50.5 38.1 63.3	143	0.117	1.0	0.0	0.0	1.0	0.005	55.2	-62.6 30.6 69.7	154	0.117	1.0	0.0
146	144	155	0.126	1.0	0.0	59.0	-53.3 36.0 64.4	146	0.156	1.0	0.0	59.8	-51.4 37.4 63.7	144	0.1	1.0	0.0	0.0	1.0	0.022	55.3	-62.5 29.2 69.0	155	0.1	1.0	0.0
147	145	156	0.11	1.0	0.0	58.5	-54.5 35.5 65.1	147	0.141	1.0	0.0	59.4	-52.4 36.7 64.1	145	0.083	1.0	0.0	0.0	1.0	0.038	55.4	-62.3 27.8 68.3	156	0.083	1.0	0.0
148	146	158	0.094	1.0	0.0	58.0	-55.7 34.9 65.8	148	0.126	1.0	0.0	59.0	-53.3 36.0 64.4	146	0.067	1.0	0.0	0.0	1.0	0.072	55.5	-61.9 25.1 66.9	158	0.067	1.0	0.0
149	147	159	0.077	1.0	0.0	57.5	-56.9 34.3 66.6	149	0.11	1.0	0.0	58.5	-54.5 35.5 65.1	147	0.05	1.0	0.0	0.0	1.0	0.088	55.6	-61.7 23.7 66.2	159	0.05	1.0	0.0
150	148	160	0.061	1.0	0.0	57.0	-58.2 33.6 67.3	150	0.094	1.0	0.0	58.0	-55.7 34.9 65.8	148	0.033	1.0	0.0	0.0	1.0	0.105	55.7	-61.4 22.4 65.5	160	0.033	1.0	0.0
151	149	161	0.044	1.0	0.0	56.6	-59.4 33.0 68.0	151	0.077	1.0	0.0	57.5	-56.9 34.3 66.6	149	0.017	1.0	0.0	0.0	1.0	0.122	55.8	-61.1 21.1 64.8	161	0.017	1.0	0.0
152	150	162	0.028	1.0	0.0	56.1	-60.6 32.3 68.7	152	0.061	1.0	0.0	57.0	-58.2 33.6 67.3	150	0.0	1.0	0.006	0.0	1.0	0.136	55.8	-61.0 19.9 64.3	162	0.0	1.0	0.006
153	151	163	0.012	1.0	0.0	55.6	-61.8 31.5 69.4	153	0.044	1.0	0.0	56.6	-59.4 33.0 68.0	151	0.0	1.0	0.017	0.0	1.0	0.15	55.9	-60.9 18.7 63.8	163	0.0	1.0	0.017
154	152	164	0.0	1.0	0.005	55.2	-62.6 30.6 69.7	154	0.028	1.0	0.0	56.1	-60.6 32.3 68.7	152	0.0	1.0	0.033	0.0	1.0	0.164	55.9	-60.8 17.5 63.4	164	0.0	1.0	0.033
155	153	165	0.0	1.0	0.022	55.3	-62.5 29.2 69.0	155	0.012	1.0	0.0	55.6	-61.8 31.5 69.4	153	0.0	1.0	0.05	0.0	1.0	0.178	56.0	-60.7 16.3 62.9	165	0.0	1.0	0.05
156	154	166	0.0	1.0	0.038	55.4	-62.3 27.8 68.3	156	0.0	1.0	0.005	55.2	-62.6 30.6 69.7	154	0.0	1.0	0.067	0.0	1.0	0.192	56.0	-60.5 15.1 62.4	166	0.0	1.0	0.067
157	155	167	0.0	1.0	0.055	55.5	-62.1 26.4 67.6	157	0.0	1.0	0.022	55.3	-62.5 29.2 69.0	155	0.0	1.0	0.083	0.0	1.0	0.206	56.1	-60.3 13.9 62.0	167	0.0	1.0	0.083
158	156	168	0.0	1.0	0.072	55.5	-61.9 25.1 66.9	158	0.0	1.0	0.038	55.4	-62.3													

See original or copy: <http://web.me.com/klaus.richter/OE36/OE36L0NP.PDF> /.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 ORS08_18_96; separation cmyn4*, 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: $h_{ab,d} = 32.7, 92.6, 153.7, 229.4, 292.5, 357.5$; 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	0.206	56.1	-60.3	13.9	62.0	167	0.0	1.0	0.25														
168	166	177	0.0	1.0	0.22	56.2	-60.1	12.8	61.5	168	0.0	1.0	0.267														
169	167	178	0.0	1.0	0.235	56.2	-59.9	11.7	61.1	169	0.0	1.0	0.283														
170	168	179	0.0	1.0	0.249	56.3	-59.6	10.5	60.6	170	0.0	1.0	0.3														
171	169	180	0.0	1.0	0.26	56.3	-59.4	9.4	60.3	171	0.0	1.0	0.317														
172	170	180	0.0	1.0	0.27	56.4	-59.2	8.3	59.9	172	0.0	1.0	0.333														
173	171	181	0.0	1.0	0.281	56.5	-59.0	7.3	59.6	173	0.0	1.0	0.35														
174	172	182	0.0	1.0	0.292	56.6	-58.8	6.2	59.2	174	0.0	1.0	0.367														
175	173	183	0.0	1.0	0.303	56.6	-58.6	5.1	58.9	175	0.0	1.0	0.383														
176	174	184	0.0	1.0	0.314	56.7	-58.3	4.1	58.6	176	0.0	1.0	0.4														
177	175	185	0.0	1.0	0.324	56.8	-58.1	3.0	58.2	177	0.0	1.0	0.417														
178	176	186	0.0	1.0	0.335	56.9	-57.8	2.0	57.9	178	0.0	1.0	0.433														
179	177	187	0.0	1.0	0.346	56.9	-57.4	1.0	57.6	179	0.0	1.0	0.45														
180	178	188	0.0	1.0	0.357	57.0	-57.1	0.0	57.2	180	0.0	1.0	0.467														
181	179	189	0.0	1.0	0.367	57.1	-56.8	-0.9	56.9	181	0.0	1.0	0.483														
182	180	190	0.0	1.0	0.378	57.2	-56.4	-1.9	56.6	182	0.0	1.0	0.5														
183	181	191	0.0	1.0	0.39	57.3	-56.2	-2.9	56.4	183	0.0	1.0	0.517														
184	182	191	0.0	1.0	0.401	57.4	-56.0	-3.8	56.2	184	0.0	1.0	0.533														
185	183	192	0.0	1.0	0.412	57.5	-55.7	-4.8	56.0	185	0.0	1.0	0.55														
186	184	193	0.0	1.0	0.424	57.6	-55.4	-5.7	55.8	186	0.0	1.0	0.567														
187	185	194	0.0	1.0	0.435	57.6	-55.1	-6.7	55.7	187	0.0	1.0	0.583														
188	186	195	0.0	1.0	0.446	57.7	-54.8	-7.6	55.5	188	0.0	1.0	0.6														
189	187	196	0.0	1.0	0.458	57.8	-54.5	-8.6	55.3	189	0.0	1.0	0.617														
190	188	197	0.0	1.0	0.469	57.9	-54.2	-9.5	55.1	190	0.0	1.0	0.633														
191	189	198	0.0	1.0	0.48	58.0	-53.8	-10.4	54.9	191	0.0	1.0	0.65														
192	190	199	0.0	1.0	0.492	58.1	-53.5	-11.3	54.7	192	0.0	1.0	0.667														
193	191	200	0.0	1.0	0.503	58.2	-53.1	-12.2	54.6	193	0.0	1.0	0.683														
194	192	201	0.0	1.0	0.516	58.3	-52.8	-13.1	54.6	194	0.0	1.0	0.7														
195	193	201	0.0	1.0	0.529	58.3	-52.6	-14.0	54.5	195	0.0	1.0	0.717														
196	194	202	0.0	1.0	0.542	58.4	-52.3	-14.9	54.5	196	0.0	1.0	0.733														
197	195	203	0.0	1.0	0.554	58.5	-52.0	-15.8	54.4	197	0.0	1.0	0.75														
198	196	204	0.0	1.0	0.567	58.5	-51.6	-16.7	54.4	198	0.0	1.0	0.767														
199	197	205	0.0	1.0	0.58	58.6	-51.3	-17.6	54.4	199	0.0	1.0	0.783														
200	198	206	0.0	1.0	0.592	58.7	-50.9	-18.5	54.3	200	0.0	1.0	0.8														
201	199	207	0.0	1.0	0.605	58.7	-50.6	-19.4	54.3	201	0.0	1.0	0.817														
202	200	208	0.0	1.0	0.618	58.8	-50.2	-20.2	54.2	202	0.0	1.0	0.833														
203	201	209	0.0	1.0	0.631	58.9	-49.8	-21.1	54.3	203	0.0	1.0	0.85														
204	202	210	0.0	1.0	0.644	59.0	-49.5	-22.0	54.3	204	0.0	1.0	0.867														
205	203	211	0.0	1.0	0.657	59.1	-49.2	-22.9	54.4	205	0.0	1.0	0.883														
206	204	212	0.0	1.0	0.67	59.2	-48.9	-23.8	54.5	206	0.0	1.0	0.9														
207	205	212	0.0	1.0	0.683	59.3	-48.5	-24.7	54.6	207	0.0	1.0	0.917														
208	206	213	0.0	1.0	0.696	59.4	-48.2	-25.6	54.6	208	0.0	1.0	0.933														
209	207	214	0.0	1.0	0.709	59.5	-47.8	-26.4	54.7	209	0.0	1.0	0.95														
210	208	215	0.0	1.0	0.722	59.6	-47.4	-27.3	54.8	210	0.0	1.0	0.967														
211	209	216	0.0	1.0	0.736	59.7	-46.9	-28.2	54.9	211	0.0	1.0	0.983														
212	210	217	0.0	1.0	0.749	59.8	-46.5	-29.0	55.0	212	0.0	1.0	1.0C _s														
0.0	1.0	0.722	59.6	-47.4	-27.3	54.8	210	0.0	1.0	1.0C _s	0.0	1.0	0.822														
0.0	1.0	0.822	60.3	-44.4	-33.5	55.7	217	0.0	1.0	1.0C _e	0.0	1.0	0.822														

OE360-7N, Page of series 16/20, RX0, D50, XYZnw=3.6, 3.7, 3.0, 87.7, 91.3, 72.9, LAB*_{nw}=22.6, 0.7, 0.6, 96.5, -0.5, 2.1, not adapted

Output: Offset print ORS08_18_96; separation cmyn4*, D65 and D50, page 16/20

TUB-test chart OE36; 48 and 360 step hue circles, Page 16/20
Data of Offset print ORS08_18_96, separation cmyn6*, D65 and D50

input: rgb^*_d set $rgbcOLOR$
output: $cmyn4^*_d = f_4(rgb^*_d)$

TUB registration: 20110301-OE36/OE36L0NP.PDF /.PS
application for measurement of printer or monitor systems

TUB material: code=rha4ta

See original or copy: <http://web.me.com/klaus.richter/OE36/OE36L0NP.PDF> /.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 ORS08_18_96; separation cmyn4*, 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: $h_{ab,d} = 32.7, 92.6, 153.7, 229.4, 292.5, 357.5$; Six hue angles of the elementary colours e: $h_{ab,e} = 25.5, 92.3, 162.2, 217.0, 271.7, 328.6$

$h_{ab,d}$	$h_{ab,s}$	$h_{ab,e}$	$rgb^*_{dd361Mi}$								$LAB^*_{dd361Mix}(x=LabCh)$								$rgb^*_{ds361Mi}$				$LAB^*_{ds361Mix}(x=LabCh)$				rgb^*_{s50M}				$rgb^*_{de361Mi}$				$LAB^*_{de361Mix}(x=LabCh)$				rgb^*_{e50M}				rgb^*_{da}	rgb^*_{ds}	rgb^*_{de}
212	210	217	0.0	1.0	0.749	59.8	-46.5	-29.0	55.0	212	0.0	1.0	0.722	59.6	-47.4	-27.3	54.8	210	0.0	1.0	1.0C _s	0.0	1.0	0.822	60.3	-44.4	-33.5	55.7	217	0.0	1.0	1.0C _e													
213	211	218	0.0	1.0	0.763	59.9	-46.1	-29.9	55.1	213	0.0	1.0	0.736	59.7	-46.9	-28.2	54.9	211	0.0	0.983	1.0	0.0	1.0	0.837	60.4	-44.0	-34.3	55.9	218	0.0	0.983	1.0													
214	212	219	0.0	1.0	0.778	60.0	-45.7	-30.8	55.3	214	0.0	1.0	0.749	59.8	-46.5	-29.0	55.0	212	0.0	0.967	1.0	0.0	1.0	0.851	60.5	-43.5	-35.2	56.1	219	0.0	0.967	1.0													
215	213	220	0.0	1.0	0.793	60.1	-45.3	-31.7	55.4	215	0.0	1.0	0.763	59.9	-46.1	-29.9	55.1	213	0.0	0.95	1.0	0.0	1.0	0.866	60.6	-43.0	-36.0	56.2	220	0.0	0.95	1.0													
216	214	221	0.0	1.0	0.807	60.2	-44.9	-32.6	55.6	216	0.0	1.0	0.778	60.0	-45.7	-30.8	55.3	214	0.0	0.933	1.0	0.0	1.0	0.88	60.7	-42.5	-36.9	56.4	221	0.0	0.933	1.0													
217	215	222	0.0	1.0	0.822	60.3	-44.4	-33.5	55.7	217	0.0	1.0	0.793	60.1	-45.3	-31.7	55.4	215	0.0	0.917	1.0	0.0	1.0	0.895	60.8	-42.1	-37.9	56.8	222	0.0	0.917	1.0													
218	216	222	0.0	1.0	0.837	60.4	-44.0	-34.3	55.9	218	0.0	1.0	0.807	60.2	-44.9	-32.6	55.6	216	0.0	0.9	1.0	0.0	1.0	0.895	60.8	-42.1	-37.9	56.8	222	0.0	0.9	1.0													
219	217	223	0.0	1.0	0.851	60.5	-43.5	-35.2	56.1	219	0.0	1.0	0.822	60.3	-44.4	-33.5	55.7	217	0.0	0.883	1.0	0.0	1.0	0.909	60.8	-41.7	-38.9	57.1	223	0.0	0.883	1.0													
220	218	224	0.0	1.0	0.866	60.6	-43.0	-36.0	56.2	220	0.0	1.0	0.837	60.4	-44.0	-34.3	55.9	218	0.0	0.867	1.0	0.0	1.0	0.923	60.9	-41.2	-39.8	57.4	224	0.0	0.867	1.0													
221	219	225	0.0	1.0	0.88	60.7	-42.5	-36.9	56.4	221	0.0	1.0	0.851	60.5	-43.5	-35.2	56.1	219	0.0	0.85	1.0	0.0	1.0	0.937	61.0	-40.8	-40.8	57.8	225	0.0	0.85	1.0													
222	220	226	0.0	1.0	0.895	60.8	-42.1	-37.9	56.8	222	0.0	1.0	0.866	60.6	-43.0	-36.0	56.2	220	0.0	0.833	1.0	0.0	1.0	0.951	61.1	-40.3	-41.7	58.1	226	0.0	0.833	1.0													
223	221	227	0.0	1.0	0.909	60.8	-41.7	-38.9	57.1	223	0.0	1.0	0.88	60.7	-42.5	-36.9	56.4	221	0.0	0.817	1.0	0.0	1.0	0.965	61.2	-39.8	-42.6	58.4	227	0.0	0.817	1.0													
224	222	228	0.0	1.0	0.923	60.9	-41.2	-39.8	57.4	224	0.0	1.0	0.895	60.8	-42.1	-37.9	56.8	222	0.0	0.8	1.0	0.0	1.0	0.98	61.2	-39.2	-43.6	58.8	228	0.0	0.8	1.0													
225	223	229	0.0	1.0	0.937	61.0	-40.8	-40.8	57.8	225	0.0	1.0	0.909	60.8	-41.7	-38.9	57.1	223	0.0	0.783	1.0	0.0	1.0	0.994	61.3	-38.7	-44.5	59.1	229	0.0	0.783	1.0													
226	224	230	0.0	1.0	0.951	61.1	-40.3	-41.7	58.1	226	0.0	1.0	0.923	60.9	-41.2	-39.8	57.4	224	0.0	0.767	1.0	0.0	1.0	0.985	1.0	60.9	-37.8	-45.0	58.9	230	0.0	0.767	1.0												
227	225	231	0.0	1.0	0.965	61.2	-39.8	-42.6	58.4	227	0.0	1.0	0.937	61.0	-40.8	-40.8	57.8	225	0.0	0.75	1.0	0.0	1.0	0.959	1.0	60.0	-36.6	-45.2	58.2	231	0.0	0.75	1.0												
228	226	232	0.0	1.0	0.98	61.2	-39.2	-43.6	58.8	228	0.0	1.0	0.951	61.1	-40.3	-41.7	58.1	226	0.0	0.733	1.0	0.0	1.0	0.933	1.0	59.1	-35.4	-45.3	57.6	232	0.0	0.733	1.0												
229	227	232	0.0	1.0	0.994	61.3	-38.7	-44.5	59.1	229C _d	0.0	1.0	0.965	61.2	-39.8	-42.6	58.4	227	0.0	0.717	1.0	0.0	1.0	0.933	1.0	59.1	-35.4	-45.3	57.6	232	0.0	0.717	1.0												
230	228	233	0.0	0.985	1.0	60.9	-37.8	-45.0	58.9	230	0.0	1.0	0.98	61.2	-39.2	-43.6	58.8	228	0.0	0.7	1.0	0.0	1.0	0.907	1.0	58.3	-34.2	-45.4	56.9	233	0.0	0.7	1.0												
231	229	234	0.0	0.959	1.0	60.0	-36.6	-45.2	58.2	231	0.0	1.0	0.994	61.3	-38.7	-44.5	59.1	229	0.0	0.683	1.0	0.0	1.0	0.881	1.0	57.4	-33.0	-45.4	56.3	234	0.0	0.683	1.0												
232	230	235	0.0	0.933	1.0	59.1	-35.4	-45.3	57.6	232	0.0	0.985	1.0	60.9	-37.8	-45.0	58.9	230	0.0	0.667	1.0	0.0	1.0	0.855	1.0	56.6	-31.9	-45.6	55.7	235	0.0	0.667	1.0												
233	231	236	0.0	0.907	1.0	58.3	-34.2	-45.4	56.9	233	0.0	0.959	1.0	60.0	-36.6	-45.2	58.2	231	0.0	0.65	1.0	0.0	1.0	0.83	1.0	55.9	-30.8	-45.7	55.2	236	0.0	0.65	1.0												
234	232	237	0.0	0.881	1.0	57.4	-33.0	-45.4	56.3	234	0.0	0.933	1.0	59.1	-35.4	-45.3	57.6	232	0.0	0.633	1.0	0.0	1.0	0.805	1.0	55.1	-29.7	-45.8	54.7	237	0.0	0.633	1.0												
235	233	238	0.0	0.855	1.0	56.6	-31.9	-45.6	55.7	235	0.0	0.907	1.0	58.3	-34.2	-45.4	56.9	233	0.0	0.617	1.0	0.0	1.0	0.78	1.0	54.4	-28.6	-45.9	54.2	238	0.0	0.617	1.0												
236	234	239	0.0	0.83	1.0	55.9	-30.8	-45.7	55.2	236	0.0	0.881	1.0	57.4	-33.0	-45.4	56.3	234	0.0	0.6	1.0	0.0	1.0	0.755	1.0	53.6	-27.6	-45.9	53.7	239	0.0	0.6	1.0												
237	235	240	0.0	0.805	1.0	55.1	-29.7	-45.8	54.7	237	0.0	0.855	1.0	56.6	-31.9	-45.6	55.7	235	0.0	0.583	1.0	0.0	1.0	0.735	1.0	52.9	-26.5	-46.0	53.3	240	0.0	0.583	1.0												
238	236	241	0.0	0.78	1.0	54.4	-28.6	-45.9	54.2	238	0.0	0.83	1.0	55.9	-30.8	-45.7	55.2	236	0.0	0.567	1.0	0.0	1.0	0.717	1.0	52.3	-25.5	-46.1	52.8	241	0.0	0.567	1.0												
239	237	242	0.0	0.755	1.0	53.6	-27.6	-45.9	53.7	239	0.0	0.805	1.0	55.1	-29.7	-45.8	54.7	237	0.0	0.55	1.0	0.0	1.0	0.699	1.0	51.7	-24.5	-46.2	52.4	242	0.0	0.55	1.0												
240	238	243	0.0	0.735	1.0	52.9	-26.5	-46.0	53.3	240	0.0	0.78	1.0	54.4	-28.6	-45.9	54.2	238	0.0	0.533	1.0	0.0	1.0	0.681	1.0	51.0	-23.5	-46.2	52.0	243	0.0	0.533	1.0												
241	239	243	0.0	0.717	1.0	52.3	-25.5	-46.1	52.8	241	0.0	0.755	1.0	53.6	-27.6	-45.9	53.7	239	0.0	0.517	1.0	0.0	1.0	0.681	1.0	51.0	-23.5	-46.2	52.0	243	0.0	0.517	1.0												
242	240	244	0.0	0.699	1.0	51.7	-24.5	-46.2	52.4	242	0.0	0.735	1.0	52.9	-26.5	-46.0	53.3	240	0.0	0.5	1.0	0.0	1.0	0.662	1.0	50.4	-22.5	-46.2	51.5	244	0.0	0.5	1.0												

Data of Maximum color M in colorimetric system Offset print ORS08_18_96; separation cmyn4*, 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: $h_{ab,d} = 32.7, 92.6, 153.7, 229.4, 292.5, 357.5$; Six hue angles of the elementary colours e: $h_{ab,e} = 25.5, 92.3, 162.2, 217.0, 271.7, 328.6$																																		
$h_{ab,d}$	$h_{ab,s}$	$h_{ab,e}$	rgb^*_d	$dd361Mi$	LAB^*_d	$dd361Mix$ (x=LabCh)	rgb^*_s	$ds361Mi$	LAB^*_s	$ds361Mix$ (x=LabCh)	rgb^*_e	$s50M$	rgb^*_e	$de361Mi$	LAB^*_e	$de361Mix$ (x=LabCh)	rgb^*_e	$e50M$	rgb^*_d	rgb^*_s	rgb^*_e													
257	255	258	0.0	0.463	1.0	43.2 -10.7 -46.7	48.1	257	0.0	0.489	1.0	44.2 -11.6 -46.6	48.3	255	0.0	0.25	1.0	0.0	0.449	1.0	42.7 -9.9 -46.8	47.9	258	0.0	0.25	1.0								
258	256	259	0.0	0.449	1.0	42.7 -9.9 -46.8	47.9	258	0.0	0.476	1.0	43.7 -12.4 -46.7	48.2	256	0.0	0.233	1.0	0.0	0.436	1.0	42.1 -9.0 -46.8	47.8	259	0.0	0.233	1.0								
259	257	260	0.0	0.436	1.0	42.1 -9.0 -46.8	47.8	259	0.0	0.463	1.0	43.2 -10.7 -46.7	48.1	257	0.0	0.217	1.0	0.0	0.423	1.0	41.6 -8.2 -46.9	47.7	260	0.0	0.217	1.0								
260	258	261	0.0	0.423	1.0	41.6 -8.2 -46.9	47.7	260	0.0	0.449	1.0	42.7 -9.9 -46.8	47.9	258	0.0	0.2	1.0	0.0	0.41	1.0	41.1 -7.3 -46.9	47.5	261	0.0	0.2	1.0								
261	259	262	0.0	0.41	1.0	41.1 -7.3 -46.9	47.5	261	0.0	0.436	1.0	42.1 -9.0 -46.8	47.8	259	0.0	0.183	1.0	0.0	0.397	1.0	40.6 -6.5 -46.9	47.4	262	0.0	0.183	1.0								
262	260	263	0.0	0.397	1.0	40.6 -6.5 -46.9	47.4	262	0.0	0.423	1.0	41.6 -8.2 -46.9	47.7	260	0.0	0.167	1.0	0.0	0.384	1.0	40.1 -5.7 -46.8	47.3	263	0.0	0.167	1.0								
263	261	264	0.0	0.384	1.0	40.1 -5.7 -46.8	47.3	263	0.0	0.41	1.0	41.1 -7.3 -46.9	47.5	261	0.0	0.15	1.0	0.0	0.371	1.0	39.6 -4.8 -46.8	47.2	264	0.0	0.15	1.0								
264	262	264	0.0	0.371	1.0	39.6 -4.8 -46.8	47.2	264	0.0	0.397	1.0	40.6 -6.5 -46.9	47.4	262	0.0	0.133	1.0	0.0	0.371	1.0	39.6 -4.8 -46.8	47.2	264	0.0	0.133	1.0								
265	263	265	0.0	0.358	1.0	39.2 -4.0 -47.0	47.2	265	0.0	0.384	1.0	40.1 -5.7 -46.8	47.3	263	0.0	0.117	1.0	0.0	0.358	1.0	39.2 -4.0 -47.0	47.2	265	0.0	0.117	1.0								
266	264	266	0.0	0.345	1.0	38.7 -3.2 -47.0	47.3	266	0.0	0.371	1.0	39.6 -4.8 -46.8	47.2	264	0.0	0.1	1.0	0.0	0.345	1.0	38.7 -3.2 -47.0	47.3	266	0.0	0.1	1.0								
267	265	267	0.0	0.332	1.0	38.3 -2.4 -47.1	47.3	267	0.0	0.358	1.0	39.2 -4.0 -47.0	47.2	265	0.0	0.083	1.0	0.0	0.332	1.0	38.3 -2.4 -47.1	47.3	267	0.0	0.083	1.0								
268	266	268	0.0	0.319	1.0	37.8 -1.6 -47.2	47.3	268	0.0	0.345	1.0	38.7 -3.2 -47.0	47.3	266	0.0	0.067	1.0	0.0	0.319	1.0	37.8 -1.6 -47.2	47.3	268	0.0	0.067	1.0								
269	267	269	0.0	0.306	1.0	37.4 -0.7 -47.2	47.3	269	0.0	0.332	1.0	38.3 -2.4 -47.1	47.3	267	0.0	0.05	1.0	0.0	0.306	1.0	37.4 -0.7 -47.2	47.3	269	0.0	0.05	1.0								
270	268	270	0.0	0.293	1.0	36.9 0.0 -47.3	47.4	270	0.0	0.319	1.0	37.8 -1.6 -47.2	47.3	268	0.0	0.033	1.0	0.0	0.293	1.0	36.9 0.0 -47.3	47.4	270	0.0	0.033	1.0								
271	269	271	0.0	0.28	1.0	36.5 0.8 -47.3	47.4	271	0.0	0.306	1.0	37.4 -0.7 -47.2	47.3	269	0.0	0.017	1.0	0.0	0.28	1.0	36.5 0.8 -47.3	47.4	271	0.0	0.017	1.0								
272	270	272	0.0	0.268	1.0	36.0 1.7 -47.3	47.4	272	0.0	0.293	1.0	36.9 0.0 -47.3	47.4	270	0.0	0.0	1.0B _s	0.0	0.268	1.0	36.0 1.7 -47.3	47.4	272	0.0	0.0	1.0B _e								
273	271	273	0.0	0.255	1.0	35.6 2.5 -47.3	47.5	273	0.0	0.28	1.0	36.5 0.8 -47.3	47.4	271	0.017	0.0	1.0	0.0	0.255	1.0	35.6 2.5 -47.3	47.5	273	0.017	0.0	1.0								
274	272	274	0.0	0.242	1.0	35.1 3.3 -47.4	47.6	274	0.0	0.268	1.0	36.0 1.7 -47.3	47.4	272	0.033	0.0	1.0	0.0	0.242	1.0	35.1 3.3 -47.4	47.6	274	0.033	0.0	1.0								
275	273	275	0.0	0.228	1.0	34.6 4.2 -47.4	47.7	275	0.0	0.255	1.0	35.6 2.5 -47.3	47.5	273	0.05	0.0	1.0	0.0	0.228	1.0	34.6 4.2 -47.4	47.7	275	0.05	0.0	1.0								
276	274	276	0.0	0.215	1.0	34.2 5.0 -47.5	47.9	276	0.0	0.242	1.0	35.1 3.3 -47.4	47.6	274	0.067	0.0	1.0	0.0	0.215	1.0	34.2 5.0 -47.5	47.9	276	0.067	0.0	1.0								
277	275	276	0.0	0.202	1.0	33.7 5.9 -47.6	48.0	277	0.0	0.228	1.0	34.6 4.2 -47.4	47.7	275	0.083	0.0	1.0	0.0	0.215	1.0	34.2 5.0 -47.5	47.9	276	0.083	0.0	1.0								
278	276	277	0.0	0.189	1.0	33.2 6.7 -47.6	48.2	278	0.0	0.215	1.0	34.2 5.0 -47.5	47.9	276	0.1	0.0	1.0	0.0	0.202	1.0	33.7 5.9 -47.6	48.0	277	0.1	0.0	1.0								
279	277	278	0.0	0.176	1.0	32.7 7.6 -47.7	48.4	279	0.0	0.202	1.0	33.7 5.9 -47.6	48.0	277	0.117	0.0	1.0	0.0	0.189	1.0	33.2 6.7 -47.6	48.2	278	0.117	0.0	1.0								
280	278	279	0.0	0.162	1.0	32.3 8.4 -47.7	48.5	280	0.0	0.189	1.0	33.2 6.7 -47.6	48.2	278	0.133	0.0	1.0	0.0	0.176	1.0	32.7 7.6 -47.7	48.4	279	0.133	0.0	1.0								
281	279	280	0.0	0.149	1.0	31.8 9.3 -47.7	48.7	281	0.0	0.176	1.0	32.7 7.6 -47.7	48.4	279	0.15	0.0	1.0	0.0	0.162	1.0	32.3 8.4 -47.7	48.5	280	0.15	0.0	1.0								
282	280	281	0.0	0.136	1.0	31.3 10.2 -47.7	48.8	282	0.0	0.162	1.0	32.3 8.4 -47.7	48.5	280	0.167	0.0	1.0	0.0	0.149	1.0	31.8 9.3 -47.7	48.7	281	0.167	0.0	1.0								
283	281	282	0.0	0.123	1.0	30.9 11.0 -47.7	49.0	283	0.0	0.149	1.0	31.8 9.3 -47.7	48.7	281	0.183	0.0	1.0	0.0	0.136	1.0	31.3 10.2 -47.7	48.8	282	0.183	0.0	1.0								
284	282	283	0.0	0.11	1.0	30.4 11.9 -47.7	49.3	284	0.0	0.136	1.0	31.3 10.2 -47.7	48.8	282	0.2	0.0	1.0	0.0	0.123	1.0	30.9 11.0 -47.7	49.0	283	0.2	0.0	1.0								
285	283	284	0.0	0.097	1.0	30.0 12.8 -47.8	49.6	285	0.0	0.123	1.0	30.9 11.0 -47.7	49.0	283	0.217	0.0	1.0	0.0	0.11	1.0	30.4 11.9 -47.7	49.3	284	0.217	0.0	1.0								
286	284	285	0.0	0.084	1.0	29.5 13.8 -47.9	49.9	286	0.0	0.11	1.0	30.4 11.9 -47.7	49.3	284	0.233	0.0	1.0	0.0	0.097	1.0	30.0 12.8 -47.8	49.6	285	0.233	0.0	1.0								
287	285	286	0.0	0.071	1.0	29.1 14.7 -47.9	50.2	287	0.0	0.097	1.0	30.0 12.8 -47.8	49.6	285	0.25	0.0	1.0	0.0	0.084	1.0	29.5 13.8 -47.9	49.9	286	0.25	0.0	1.0								
288	286	287	0.0	0.058	1.0	28.6 15.6 -47.9	50.5	288	0.0	0.084	1.0	29.5 13.8 -47.9	49.9	286	0.267	0.0	1.0	0.0	0.071	1.0	29.1 14.7 -47.9	50.2	287	0.267	0.0	1.0								
289	287	288	0.0	0.045	1.0	28.2 16.5 -47.9	50.8	289	0.0	0.071	1.0	29.1 14.7 -47.9	50.2	287	0.283	0.0	1.0	0.0	0.058	1.0	28.6 15.6 -47.9	50.5	288	0.283	0.									

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

Data of Maximum color M in colorimetric system Offset print ORS08_18_96; separation cmyn4*, 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: $h_{ab,d} = 32.7, 92.6, 153.7, 229.4, 292.5, 357.5$; Six hue angles of the elementary colours e: $h_{ab,e} = 25.5, 92.3, 162.2, 217.0, 271.7, 328.6$

$h_{ab,d}$	$h_{ab,s}$	$h_{ab,e}$	$rgb^*_{dd361Mi}$	$LAB^*_{dd361Mix}(x=LabCh)$	$rgb^*_{ds361Mi}$	$LAB^*_{ds361Mix}(x=LabCh)$	rgb^*_{s50M}	$rgb^*_{de361Mi}$	$LAB^*_{de361Mix}(x=LabCh)$	rgb^*_{e50M}	rgb^*_{dd}	rgb^*_{ds}	rgb^*_{de}
302	300	300	0.1 0.0 1.0	28.5 27.5 -44.0 52.0	302	0.079 0.0 1.0	28.1 26.0 -44.9 51.9	300	0.5 0.0 1.0	0.079 0.0 1.0	28.1 26.0 -44.9 51.9	300	0.5 0.0 1.0
303	301	301	0.11 0.0 1.0	28.7 28.3 -43.5 52.0	303	0.089 0.0 1.0	28.3 26.7 -44.4 51.9	301	0.517 0.0 1.0	0.089 0.0 1.0	28.3 26.7 -44.4 51.9	301	0.517 0.0 1.0
304	302	302	0.121 0.0 1.0	28.9 29.1 -43.0 52.0	304	0.1 0.0 1.0	28.5 27.5 -44.0 52.0	302	0.533 0.0 1.0	0.1 0.0 1.0	28.5 27.5 -44.0 52.0	302	0.533 0.0 1.0
305	303	303	0.132 0.0 1.0	29.1 29.8 -42.5 52.0	305	0.11 0.0 1.0	28.7 28.3 -43.5 52.0	303	0.55 0.0 1.0	0.11 0.0 1.0	28.7 28.3 -43.5 52.0	303	0.55 0.0 1.0
306	304	304	0.144 0.0 1.0	29.3 30.6 -42.0 52.1	306	0.121 0.0 1.0	28.9 29.1 -43.0 52.0	304	0.567 0.0 1.0	0.121 0.0 1.0	28.9 29.1 -43.0 52.0	304	0.567 0.0 1.0
307	305	305	0.156 0.0 1.0	29.5 31.4 -41.5 52.1	307	0.132 0.0 1.0	29.1 29.8 -42.5 52.0	305	0.583 0.0 1.0	0.132 0.0 1.0	29.1 29.8 -42.5 52.0	305	0.583 0.0 1.0
308	306	306	0.169 0.0 1.0	29.7 32.1 -41.0 52.2	308	0.144 0.0 1.0	29.3 30.6 -42.0 52.1	306	0.6 0.0 1.0	0.144 0.0 1.0	29.3 30.6 -42.0 52.1	306	0.6 0.0 1.0
309	307	307	0.181 0.0 1.0	29.9 32.9 -40.5 52.2	309	0.156 0.0 1.0	29.5 31.4 -41.5 52.1	307	0.617 0.0 1.0	0.156 0.0 1.0	29.5 31.4 -41.5 52.1	307	0.617 0.0 1.0
310	308	308	0.193 0.0 1.0	30.1 33.6 -39.9 52.3	310	0.169 0.0 1.0	29.7 32.1 -41.0 52.2	308	0.633 0.0 1.0	0.169 0.0 1.0	29.7 32.1 -41.0 52.2	308	0.633 0.0 1.0
311	309	309	0.205 0.0 1.0	30.3 34.3 -39.4 52.3	311	0.181 0.0 1.0	29.9 32.9 -40.5 52.2	309	0.65 0.0 1.0	0.181 0.0 1.0	29.9 32.9 -40.5 52.2	309	0.65 0.0 1.0
312	310	310	0.217 0.0 1.0	30.5 35.0 -38.8 52.4	312	0.193 0.0 1.0	30.1 33.6 -39.9 52.3	310	0.667 0.0 1.0	0.193 0.0 1.0	30.1 33.6 -39.9 52.3	310	0.667 0.0 1.0
313	311	311	0.229 0.0 1.0	30.7 35.7 -38.2 52.4	313	0.205 0.0 1.0	30.3 34.3 -39.4 52.3	311	0.683 0.0 1.0	0.205 0.0 1.0	30.3 34.3 -39.4 52.3	311	0.683 0.0 1.0
314	312	312	0.241 0.0 1.0	30.9 36.4 -37.6 52.5	314	0.217 0.0 1.0	30.5 35.0 -38.8 52.4	312	0.7 0.0 1.0	0.217 0.0 1.0	30.5 35.0 -38.8 52.4	312	0.7 0.0 1.0
315	313	313	0.254 0.0 1.0	31.2 37.2 -37.1 52.6	315	0.229 0.0 1.0	30.7 35.7 -38.2 52.4	313	0.717 0.0 1.0	0.229 0.0 1.0	30.7 35.7 -38.2 52.4	313	0.717 0.0 1.0
316	314	314	0.268 0.0 1.0	31.6 38.0 -36.6 52.8	316	0.241 0.0 1.0	30.9 36.4 -37.6 52.5	314	0.733 0.0 1.0	0.241 0.0 1.0	30.9 36.4 -37.6 52.5	314	0.733 0.0 1.0
317	315	315	0.283 0.0 1.0	31.9 38.8 -36.0 53.0	317	0.254 0.0 1.0	31.2 37.2 -37.1 52.6	315	0.75 0.0 1.0	0.254 0.0 1.0	31.2 37.2 -37.1 52.6	315	0.75 0.0 1.0
318	316	316	0.298 0.0 1.0	32.3 39.6 -35.5 53.2	318	0.268 0.0 1.0	31.6 38.0 -36.6 52.8	316	0.767 0.0 1.0	0.268 0.0 1.0	31.6 38.0 -36.6 52.8	316	0.767 0.0 1.0
319	317	317	0.313 0.0 1.0	32.7 40.3 -35.0 53.5	319	0.283 0.0 1.0	31.9 38.8 -36.0 53.0	317	0.783 0.0 1.0	0.283 0.0 1.0	31.9 38.8 -36.0 53.0	317	0.783 0.0 1.0
320	318	318	0.328 0.0 1.0	33.1 41.1 -34.4 53.7	320	0.298 0.0 1.0	32.3 39.6 -35.5 53.2	318	0.8 0.0 1.0	0.298 0.0 1.0	32.3 39.6 -35.5 53.2	318	0.8 0.0 1.0
321	319	319	0.343 0.0 1.0	33.4 41.9 -33.8 53.9	321	0.313 0.0 1.0	32.7 40.3 -35.0 53.5	319	0.817 0.0 1.0	0.313 0.0 1.0	32.7 40.3 -35.0 53.5	319	0.817 0.0 1.0
322	320	320	0.358 0.0 1.0	33.8 42.7 -33.2 54.1	322	0.328 0.0 1.0	33.1 41.1 -34.4 53.7	320	0.833 0.0 1.0	0.328 0.0 1.0	33.1 41.1 -34.4 53.7	320	0.833 0.0 1.0
323	321	321	0.373 0.0 1.0	34.2 43.4 -32.6 54.4	323	0.343 0.0 1.0	33.4 41.9 -33.8 53.9	321	0.85 0.0 1.0	0.343 0.0 1.0	33.4 41.9 -33.8 53.9	321	0.85 0.0 1.0
324	322	322	0.385 0.0 1.0	34.6 44.2 -32.0 54.7	324	0.358 0.0 1.0	33.8 42.7 -33.2 54.1	322	0.867 0.0 1.0	0.358 0.0 1.0	33.8 42.7 -33.2 54.1	322	0.867 0.0 1.0
325	323	323	0.397 0.0 1.0	35.0 45.0 -31.4 55.0	325	0.373 0.0 1.0	34.2 43.4 -32.6 54.4	323	0.883 0.0 1.0	0.373 0.0 1.0	34.2 43.4 -32.6 54.4	323	0.883 0.0 1.0
326	324	324	0.409 0.0 1.0	35.3 45.9 -30.8 55.3	326	0.385 0.0 1.0	34.6 44.2 -32.0 54.7	324	0.9 0.0 1.0	0.385 0.0 1.0	34.6 44.2 -32.0 54.7	324	0.9 0.0 1.0
327	325	325	0.421 0.0 1.0	35.7 46.7 -30.2 55.6	327	0.397 0.0 1.0	35.0 45.0 -31.4 55.0	325	0.917 0.0 1.0	0.397 0.0 1.0	35.0 45.0 -31.4 55.0	325	0.917 0.0 1.0
328	326	326	0.433 0.0 1.0	36.1 47.5 -29.6 56.0	328	0.409 0.0 1.0	35.3 45.9 -30.8 55.3	326	0.933 0.0 1.0	0.409 0.0 1.0	35.3 45.9 -30.8 55.3	326	0.933 0.0 1.0
329	327	327	0.445 0.0 1.0	36.5 48.2 -28.9 56.3	329	0.421 0.0 1.0	35.7 46.7 -30.2 55.6	327	0.95 0.0 1.0	0.421 0.0 1.0	35.7 46.7 -30.2 55.6	327	0.95 0.0 1.0
330	328	328	0.457 0.0 1.0	36.9 49.0 -28.2 56.6	330	0.433 0.0 1.0	36.1 47.5 -29.6 56.0	328	0.967 0.0 1.0	0.433 0.0 1.0	36.1 47.5 -29.6 56.0	328	0.967 0.0 1.0
331	329	329	0.469 0.0 1.0	37.3 49.8 -27.5 56.9	331	0.445 0.0 1.0	36.5 48.2 -28.9 56.3	329	0.983 0.0 1.0	0.445 0.0 1.0	36.5 48.2 -28.9 56.3	329	0.983 0.0 1.0
332	330	330	0.481 0.0 1.0	37.6 50.6 -26.8 57.3	332	0.457 0.0 1.0	36.9 49.0 -28.2 56.6	330	1.0 0.0 1.0	0.457 0.0 1.0	36.9 49.0 -28.2 56.6	330	1.0 0.0 1.0
333	331	331	0.493 0.0 1.0	38.0 51.3 -26.0 57.6	333	0.469 0.0 1.0	37.3 49.8 -27.5 56.9	331	1.0 0.0 0.983	0.469 0.0 1.0	37.3 49.8 -27.5 56.9	331	1.0 0.0 0.983
334	332	332	0.506 0.0 1.0	38.4 52.1 -25.3 58.0	334	0.481 0.0 1.0	37.6 50.6 -26.8 57.3	332	1.0 0.0 0.967	0.481 0.0 1.0	37.6 50.6 -26.8 57.3	332	1.0 0.0 0.967
335	333	333	0.52 0.0 1.0	38.7 53.0 -24.6 58.5	335	0.493 0.0 1.0	38.0 51.3 -26.0 57.6	333	1.0 0.0 0.95	0.493 0.0 1.0	38.0 51.3 -26.0 57.6	333	1.0 0.0 0.95
336	334	334	0.534 0.0 1.0	39.0 53.8 -23.9 58.9	336	0.506 0.0 1.0	38.4 52.1 -25.3 58.0	334	1.0 0.0 0.933	0.506 0.0 1.0	38.4 52.1 -25.3 58.0	334	1.0 0.0 0.933
337	335	335	0.549 0.0 1.0	39.4 54.7 -23.1 59.4	337	0.52 0.0 1.0	38.7 53.0 -24.6 58.5	335	1.0 0.0 0.917	0.52 0.0 1.0	38.7 53.0 -24.6 58.5	335	1.0 0.0 0.917
338	336	336	0.563 0.0 1.0	39.7 55.5 -22.3 59.9	338	0.534 0.0 1.0	39.0 53.8 -23.9 58.9	336	1.0 0.0 0.9	0.534 0.0 1.0	39.0 53.8 -23.9 58.9	336	1.0 0.0 0.9
339	337	337	0.577 0.0 1.0	40.1 56.4 -21.5 60.4	339	0.549 0.0 1.0	39.4 54.7 -23.1 59.4	337	1.0 0.0 0.883	0.549 0.0 1.0	39.4 54.7 -23.1 59.4	337	1.0 0.0 0.883
340	338	338	0.592 0.0 1.0	40.4 57.2 -20.7 60.8	340	0.563 0.0 1.0	39.7 55.5 -22.3 59.9	338	1.0 0.0 0.867	0.563 0.0 1.0	39.7 55.5 -22.3 59.9	338	1.0 0.0 0.867
341	339	339	0.606 0.0 1.0	40.7 58.0 -19.9 61.3	341	0.577 0.0 1.0	40.1 56.4 -21.5 60.4	339	1.0 0.0 0.85	0.577 0.0 1.0	40.1 56.4 -21.5 60.4	339	1.0 0.0 0.85
342	340	340	0.62 0.0 1.0	41.1 58.8 -19.0 61.8	342	0.592 0.0 1.0	40.4 57.2 -20.7 60.8	340	1.0 0.0 0.833	0.592 0.0 1.0	40.4 57.2 -20.7 60.8	340	1.0 0.0 0.833
343	341	341	0.642 0.0 1.0	41.7 59.7 -18.2 62.5	343	0.606 0.0 1.0	40.7 58.0 -19.9 61.3	341	1.0 0.0 0.817	0.606 0.0 1.0	40.7 58.0 -19.9 61.3	341	1.0 0.0 0.817
344	342	342	0.667 0.0 1.0	42.4 60.8 -17.3 63.2	344	0.62 0.0 1.0	41.1 58.8 -19.0 61.8	342	1.0 0.0 0.8	0.62 0.0 1.0	41.1 58.8 -19.0 61.8	342	1.0 0.0 0.8
345	343	343	0.693 0.0 1.0	43.2 61.8 -16.4 63.9	345	0.642 0.0 1.0	41.7 59.7 -18.2 62.5	343	1.0 0.0 0.783	0.642 0.0 1.0	41.7 59.7 -18.2 62.5	343	1.0 0.0 0.783
346	344	344	0.718 0.0 1.0	43.9 62.8 -15.5 64.7	346	0.667 0.0 1.0	42.4 60.8 -17.3 63.2	344	1.0 0.0 0.767	0.667 0.0 1.0	42.4 60.8 -17.3 63.2	344	1.0 0.0 0.767
347	345	345	0.743 0.0 1.0	44.7 63.7 -14.6 65.4	347	0.693 0.0 1.0	43.2 61.8 -16.4 63.9	345	1.0 0.0 0.75	0.693 0.0 1.0	43.2 61.8 -16.4 63.9	345	1.0 0.0 0.75

OE360-7N, Page of series 19/20, RX0, D50, XYZnw=3.6, 3.7, 3.0, 87.7, 91.3, 72.9, LAB*_{nw}=22.6, 0.7, 0.6, 96.5, -0.5, 2.1, not adapted

TUB-test chart OE36; 48 and 360 step hue circles, Page 19/20
Data of Offset print ORS08_18_96, separation cmyn6*, D65 and D50

Output: Offset print ORS08_18_96; separation cmyn4*, D65 and D50, page 19/20

input: rgb^*_d set $rgbcolor$
output: $cmyn4^*_d = f_4(rgb^*_d)$

TUB registration: 20110301-OE36/OE36L0NP.PDF /.PS
application for measurement of printer or monitor systems

TUB material: code=rha4ta

See original or copy: <http://web.me.com/klaus.richter/OE36/OE36L0NP.PDF> /.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 ORS08_18_96; separation cmyn4*, 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: $h_{ab,d} = 32.7, 92.6, 153.7, 229.4, 292.5, 357.5$; 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	0.743	0.0	1.0	44.7	63.7	-14.6	65.4	347	0.693	0.0	1.0	43.2	61.8	-16.4	63.9	345	1.0	0.0	0.75	0.642	0.0	1.0	41.7	59.7	-18.2	62.5	343	1.0	0.0	0.75
348	346	344	0.768	0.0	1.0	45.3	64.8	-13.7	66.2	348	0.718	0.0	1.0	43.9	62.8	-15.5	64.7	346	1.0	0.0	0.733	0.667	0.0	1.0	42.4	60.8	-17.3	63.2	344	1.0	0.0	0.733
349	347	345	0.792	0.0	1.0	45.9	65.8	-12.7	67.1	349	0.743	0.0	1.0	44.7	63.7	-14.6	65.4	347	1.0	0.0	0.717	0.693	0.0	1.0	43.2	61.8	-16.4	63.9	345	1.0	0.0	0.717
350	348	346	0.816	0.0	1.0	46.6	66.9	-11.7	67.9	350	0.768	0.0	1.0	45.3	64.8	-13.7	66.2	348	1.0	0.0	0.7	0.718	0.0	1.0	43.9	62.8	-15.5	64.7	346	1.0	0.0	0.7
351	349	347	0.84	0.0	1.0	47.2	67.9	-10.7	68.7	351	0.792	0.0	1.0	45.9	65.8	-12.7	67.1	349	1.0	0.0	0.683	0.743	0.0	1.0	44.7	63.7	-14.6	65.4	347	1.0	0.0	0.683
352	350	348	0.865	0.0	1.0	47.8	68.9	-9.6	69.6	352	0.816	0.0	1.0	46.6	66.9	-11.7	67.9	350	1.0	0.0	0.667	0.768	0.0	1.0	45.3	64.8	-13.7	66.2	348	1.0	0.0	0.667
353	351	349	0.889	0.0	1.0	48.3	70.0	-8.5	70.5	353	0.84	0.0	1.0	47.2	67.9	-10.7	68.7	351	1.0	0.0	0.65	0.792	0.0	1.0	45.9	65.8	-12.7	67.1	349	1.0	0.0	0.65
354	352	349	0.914	0.0	1.0	48.7	71.2	-7.4	71.6	354	0.865	0.0	1.0	47.8	68.9	-9.6	69.6	352	1.0	0.0	0.633	0.792	0.0	1.0	45.9	65.8	-12.7	67.1	349	1.0	0.0	0.633
355	353	350	0.938	0.0	1.0	49.1	72.4	-6.2	72.7	355	0.889	0.0	1.0	48.3	70.0	-8.5	70.5	353	1.0	0.0	0.617	0.816	0.0	1.0	46.6	66.9	-11.7	67.9	350	1.0	0.0	0.617
356	354	351	0.963	0.0	1.0	49.5	73.5	-5.0	73.7	356	0.914	0.0	1.0	48.7	71.2	-7.4	71.6	354	1.0	0.0	0.6	0.84	0.0	1.0	47.2	67.9	-10.7	68.7	351	1.0	0.0	0.6
357	355	352	0.987	0.0	1.0	49.9	74.7	-3.8	74.8	357	0.938	0.0	1.0	49.1	72.4	-6.2	72.7	355	1.0	0.0	0.583	0.865	0.0	1.0	47.8	68.9	-9.6	69.6	352	1.0	0.0	0.583
358	356	353	1.0	0.0	0.983	50.1	75.2	-2.5	75.2	358	0.963	0.0	1.0	49.5	73.5	-5.0	73.7	356	1.0	0.0	0.567	0.889	0.0	1.0	48.3	70.0	-8.5	70.5	353	1.0	0.0	0.567
359	357	354	1.0	0.0	0.948	50.2	74.9	-1.2	74.9	359	0.987	0.0	1.0	49.9	74.7	-3.8	74.8	357	1.0	0.0	0.55	0.914	0.0	1.0	48.7	71.2	-7.4	71.6	354	1.0	0.0	0.55
0	358	355	1.0	0.0	0.913	50.2	74.7	0.0	74.7	0	1.0	0.0	0.983	50.1	75.2	-2.5	75.2	358	1.0	0.0	0.533	0.938	0.0	1.0	49.1	72.4	-6.2	72.7	355	1.0	0.0	0.533
1	359	356	1.0	0.0	0.878	50.3	74.4	1.3	74.4	1	1.0	0.0	0.948	50.2	74.9	-1.2	74.9	359	1.0	0.0	0.517	0.963	0.0	1.0	49.5	73.5	-5.0	73.7	356	1.0	0.0	0.517
2	360	357	1.0	0.0	0.843	50.3	74.2	2.6	74.3	2	1.0	0.0	0.913	50.2	74.7	0.0	74.7	0	1.0	0.0	0.5	0.987	0.0	1.0	49.9	74.7	-3.8	74.8	357	1.0	0.0	0.5
3	361	358	1.0	0.0	0.809	50.2	74.0	3.9	74.1	3	1.0	0.0	0.878	50.3	74.4	1.3	74.4	1	1.0	0.0	0.483	1.0	0.0	0.983	50.1	75.2	-2.5	75.2	358	1.0	0.0	0.483
4	362	359	1.0	0.0	0.774	50.2	73.8	5.2	74.0	4	1.0	0.0	0.843	50.3	74.2	2.6	74.3	2	1.0	0.0	0.467	1.0	0.0	0.948	50.2	74.9	-1.2	74.9	359	1.0	0.0	0.467
5	363	360	1.0	0.0	0.741	50.2	73.6	6.4	73.9	5	1.0	0.0	0.809	50.2	74.0	3.9	74.1	3	1.0	0.0	0.45	1.0	0.0	0.913	50.2	74.7	0.0	74.7	0	1.0	0.0	0.45
6	364	361	1.0	0.0	0.713	50.2	73.5	7.7	73.9	6	1.0	0.0	0.774	50.2	73.8	5.2	74.0	4	1.0	0.0	0.433	1.0	0.0	0.878	50.3	74.4	1.3	74.4	1	1.0	0.0	0.433
7	365	362	1.0	0.0	0.686	50.2	73.3	9.0	73.9	7	1.0	0.0	0.741	50.2	73.6	6.4	73.9	5	1.0	0.0	0.417	1.0	0.0	0.843	50.3	74.2	2.6	74.3	2	1.0	0.0	0.417
8	366	363	1.0	0.0	0.658	50.2	73.1	10.3	73.8	8	1.0	0.0	0.713	50.2	73.5	7.7	73.9	6	1.0	0.0	0.4	1.0	0.0	0.809	50.2	74.0	3.9	74.1	3	1.0	0.0	0.4
9	367	364	1.0	0.0	0.63	50.2	72.9	11.5	73.8	9	1.0	0.0	0.686	50.2	73.3	9.0	73.9	7	1.0	0.0	0.383	1.0	0.0	0.774	50.2	73.8	5.2	74.0	4	1.0	0.0	0.383
10	368	365	1.0	0.0	0.604	50.2	72.8	12.8	73.9	10	1.0	0.0	0.658	50.2	73.1	10.3	73.8	8	1.0	0.0	0.367	1.0	0.0	0.741	50.2	73.6	6.4	73.9	5	1.0	0.0	0.367
11	369	366	1.0	0.0	0.579	50.2	72.7	14.1	74.1	11	1.0	0.0	0.63	50.2	72.9	11.5	73.8	9	1.0	0.0	0.35	1.0	0.0	0.713	50.2	73.5	7.7	73.9	6	1.0	0.0	0.35
12	370	367	1.0	0.0	0.554	50.2	72.6	15.4	74.2	12	1.0	0.0	0.604	50.2	72.8	12.8	73.9	10	1.0	0.0	0.333	1.0	0.0	0.686	50.2	73.3	9.0	73.9	7	1.0	0.0	0.333
13	371	367	1.0	0.0	0.528	50.2	72.4	16.7	74.3	13	1.0	0.0	0.579	50.2	72.7	14.1	74.1	11	1.0	0.0	0.317	1.0	0.0	0.686	50.2	73.3	9.0	73.9	7	1.0	0.0	0.317
14	372	368	1.0	0.0	0.503	50.2	72.2	18.0	74.4	14	1.0	0.0	0.554	50.2	72.6	15.4	74.2	12	1.0	0.0	0.3	1.0	0.0	0.658	50.2	73.1	10.3	73.8	8	1.0	0.0	0.3
15	373	369	1.0	0.0	0.478	50.2	72.1	19.3	74.7	15	1.0	0.0	0.528	50.2	72.4	16.7	74.3	13	1.0	0.0	0.283	1.0	0.0	0.63	50.2	72.9	11.5	73.8	9	1.0	0.0	0.283
16	374	370	1.0	0.0	0.453	50.1	72.1	20.7	75.0	16	1.0	0.0	0.503	50.2	72.2	18.0	74.4	14	1.0	0.0	0.267	1.0	0.0	0.604	50.2	72.8	12.8	73.9	10	1.0	0.0	0.267
17	375	371	1.0	0.0	0.429	50.1	72.0	22.0	75.2	17	1.0	0.0	0.478	50.2	72.1	19.3	74.7	15	1.0	0.0	0.25	1.0	0.0	0.579	50.2	72.7	14.1	74.1	11	1.0	0.0	0.25
18	376	372	1.0	0.0	0.404	50.1	71.8	23.3	75.5	18	1.0	0.0	0.453	50.1	72.1	20.7	75.0	16	1.0	0.0	0.233	1.0	0.0	0.554	50.2	72.6	15.4	74.2	12	1.0	0.0	0.233
19	377	373	1.0	0.0	0.379	50.1	71.7	24.7	75.8	19	1.0	0.0	0.429	50.1	72.0	22.0	75.2	17	1.0	0.0	0.217	1.0	0.0	0.528	50.2	72.4	16.7	74.3	13	1.0	0.0	0.217
20	378	374	1.0	0.0	0.357	50.0	71.6	26.1	76.2	20	1.0	0.0	0.404	50.1	71.8	23.3	75.5	18	1.0	0.0	0.2	1.0	0.0	0.503	5							