

Data of Maximum color M in colorimetric system Offset print ORS40_18_96; separation cmyn6*, D65 and D50 for input or output; Six hue angles of the 60 degree standard colours s : $h_{ab,s} = 30.0, 90.0, 150.0, 210.0, 270.0, 330.0$;
Six hue angles of the device colours d : $h_{ab,d} = 31.4, 96.2, 152.6, 233.9, 298.6, 353.1$; Six hue angles of the elementary colours e : $h_{ab,e} = 25.5, 92.3, 162.2, 217.0, 271.7, 328.6$

$Y=J_d$ Yellow

$LCH^*_d = 90.3 \ 88.8 \ 96.2$

$LAB^*_d = 90.3 \ -9.6 \ 88.3$

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

$L=G_d$ Leaf green

$LCH^*_d = 55.8 \ 73.4 \ 152.5$

$LAB^*_d = 55.8 \ -65.1 \ 33.8$

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

$C=C_d$ Cyan blue

$LCH^*_d = 63.0 \ 52.0 \ 233.9$

$LAB^*_d = 63.0 \ -30.6 \ -42.0$

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

$O=R_d$ Orange red

$LCH^*_d = 48.6 \ 77.6 \ 31.4$

$LAB^*_d = 48.6 \ 66.3 \ 40.4$

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

$M=M_d$ Magenta red

$LCH^*_d = 49.6 \ 74.0 \ 353.0$

$LAB^*_d = 49.6 \ 73.5 \ -8.9$

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

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

$LCH^*_d = 27.5 \ 53.9 \ 298.6$

$LAB^*_d = 27.5 \ 25.8 \ -47.3$

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

J_e Yellow

$LCH^*_e = 85.8 \ 82.8 \ 92.0$

$LAB^*_e = 85.8 \ -2.8 \ 82.7$

$rgb^*_e = 1.0 \ 0.89 \ 0.0$

G_e Green

$LCH^*_e = 56.9 \ 64.9 \ 162.0$

$LAB^*_e = 56.9 \ -61.8 \ 20.0$

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

C_e Blue green

$LCH^*_e = 61.3 \ 49.2 \ 217.0$

$LAB^*_e = 61.3 \ -39.3 \ -29.6$

$rgb^*_e = 0.0 \ 1.0 \ 0.796$

B_e Blue

$LCH^*_e = 41.2 \ 45.0 \ 272.0$

$LAB^*_e = 41.2 \ 1.5 \ -45.0$

$rgb^*_e = 0.0 \ 0.385 \ 1.0$

R_e Red

$LCH^*_e = 48.8 \ 73.8 \ 25.0$

$LAB^*_e = 48.8 \ 66.8 \ 31.1$

$rgb^*_e = 1.0 \ 0.0 \ 0.175$

M_e Blue red

$LCH^*_e = 37.6 \ 58.8 \ 329.0$

$LAB^*_e = 37.6 \ 50.4 \ -30.3$

$rgb^*_e = 0.465 \ 0.0 \ 1.0$

J_s Yellow

$LCH^*_s = 83.9 \ 80.7 \ 90.0$

$LAB^*_s = 83.9 \ 0.0 \ 80.7$

$rgb^*_s = 1.0 \ 0.844 \ 0.0$

G_s Green

$LCH^*_s = 57.0 \ 71.7 \ 150.0$

$LAB^*_s = 57.0 \ -62.1 \ 35.8$

$rgb^*_s = 0.044 \ 1.0 \ 0.0$

R_s Red

$LCH^*_s = 48.6 \ 76.7 \ 30.0$

$LAB^*_s = 48.6 \ 66.4 \ 38.3$

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

M_s Blue red

$LCH^*_s = 37.9 \ 59.2 \ 330.0$

$LAB^*_s = 37.9 \ 51.3 \ -29.6$

$rgb^*_s = 0.478 \ 0.0 \ 1.0$

C_s Blue green

$LCH^*_s = 60.7 \ 49.0 \ 210.0$

$LAB^*_s = 60.7 \ -42.5 \ -24.5$

$rgb^*_s = 0.0 \ 1.0 \ 0.714$

B_s Blue

$LCH^*_s = 42.1 \ 45.0 \ 270.0$

$LAB^*_s = 42.1 \ 0.0 \ -45.0$

$rgb^*_s = 0.0 \ 0.41 \ 1.0$

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

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

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

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

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

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

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

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

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

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

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

6. The values rgb^*_{de} produce the output of the device-independent elementary hues

See original or copy: <http://web.me.com/klaus.richter/OE37/OE37L0NA.TXT> /PS
Technical information: <http://www.ps.bam.de> or <http://130.149.60.45/~farbmetrik>

Data of Maximum color M in colorimetric system Offset print ORS40_18_96; separation cmyn6*, D65 and D50 for input or output; Six hue angles of the 60 degree standard colours s: $h_{ab,s} = 30.0, 90.0, 150.0, 210.0, 270.0, 330.0$;
Six hue angles of the device colours d: $h_{ab,d} = 31.4, 96.2, 152.6, 233.9, 298.6, 353.1$; Six hue angles of the elementary colours e: $h_{ab,e} = 25.5, 92.3, 162.2, 217.0, 271.7, 328.6$

$h_{ab,d}$	$h_{ab,s}$	$h_{ab,e}$	rgb^*_{dd50M}	$LAB^*_{dd50Mx} (x=LabCh)$	rgb^*_{ds50M}	$LAB^*_{ds50Mx} (x=LabCh)$	rgb^*_{s50M}	LAB^*_{de50M}	$rgb^*_{de50Mx} (x=LabCh)$	rgb^*_{e50M}
31.4	30.0	25.5	1.0	0.0	0.0	48.6	66.3	40.5	77.7	31.4
39.1	37.5	33.8	1.0	0.125	0.0	53.0	56.7	46.0	73.1	39.1
47.7	45.0	42.2	1.0	0.25	0.0	57.6	46.8	51.4	69.5	47.7
58.1	52.5	50.5	1.0	0.375	0.0	63.0	35.9	57.7	68.0	58.1
68.6	60.0	58.9	1.0	0.5	0.0	68.6	25.0	63.8	68.6	68.6
78.3	67.5	67.2	1.0	0.625	0.0	74.6	14.7	70.7	72.2	78.3
85.6	75.0	75.6	1.0	0.75	0.0	80.1	5.9	76.6	76.8	85.6
91.4	82.5	84.0	1.0	0.875	0.0	85.2	-1.9	82.0	82.0	91.4
96.2	90.0	92.3	1.0	1.0	0.0	90.3	-9.5	88.4	88.9	96.2
99.9	97.5	101.1	0.875	1.0	0.0	86.5	-14.5	83.3	84.5	99.9
103.4	105.0	109.8	0.75	1.0	0.0	82.8	-18.9	79.5	81.8	103.4
110.3	112.5	118.5	0.625	1.0	0.0	77.7	-25.4	69.0	73.5	110.3
117.0	120.0	127.3	0.5	1.0	0.0	73.3	-31.8	62.6	70.3	117.0
124.4	127.5	136.0	0.375	1.0	0.0	68.7	-38.7	56.7	68.7	124.4
138.0	135.0	144.7	0.25	1.0	0.0	62.5	-48.5	43.8	65.5	138.0
145.4	142.5	153.5	0.125	1.0	0.0	59.4	-56.4	39.0	68.6	145.4
152.6	150.0	162.2	0.0	1.0	0.0	55.8	-65.1	33.8	73.5	152.6
159.5	157.5	169.1	0.0	1.0	0.125	56.7	-62.5	23.4	66.9	159.5
167.9	165.0	175.9	0.0	1.0	0.25	57.5	-59.1	12.7	60.6	167.9
179.2	172.5	182.8	0.0	1.0	0.375	58.5	-54.4	0.7	54.5	179.2
190.2	180.0	189.6	0.0	1.0	0.5	59.3	-50.3	-9.0	51.2	190.2
201.6	187.5	196.4	0.0	1.0	0.625	60.1	-45.9	-18.1	49.4	201.6
213.3	195.0	203.3	0.0	1.0	0.75	61.0	-40.8	-26.8	48.9	213.3
223.3	202.5	210.1	0.0	1.0	0.875	62.1	-36.1	-34.0	49.8	223.3
233.9	210.0	217.0	0.0	1.0	1.0	63.1	-30.5	-41.9	52.0	233.9
239.5	217.5	223.8	0.0	0.875	1.0	59.2	-25.0	-42.6	49.6	239.5
245.5	225.0	230.7	0.0	0.75	1.0	55.3	-19.6	-43.1	47.5	245.5
253.5	232.5	237.5	0.0	0.625	1.0	50.5	-12.9	-43.8	45.8	253.5
262.5	240.0	244.4	0.0	0.5	1.0	45.7	-5.8	-44.5	45.0	262.5
272.9	247.5	251.2	0.0	0.375	1.0	40.8	2.3	-44.9	45.1	272.9
281.4	255.0	258.0	0.0	0.25	1.0	36.5	9.2	-45.9	46.9	281.4
289.7	262.5	264.9	0.0	0.125	1.0	32.4	16.7	-46.5	49.5	289.7
298.6	270.0	271.7	0.0	0.0	1.0	27.5	25.8	-47.2	53.9	298.6
308.5	277.5	278.8	0.125	0.0	1.0	29.7	34.0	-42.6	54.5	308.5
317.1	285.0	286.0	0.25	0.0	1.0	31.4	40.7	-37.7	55.5	317.1
322.3	292.5	293.1	0.375	0.0	1.0	35.5	44.7	-34.4	56.5	322.3
331.6	300.0	300.2	0.5	0.0	1.0	38.5	52.6	-28.4	59.8	331.6
339.4	307.5	307.3	0.625	0.0	1.0	41.1	59.1	-22.1	63.1	339.4
343.5	315.0	314.4	0.75	0.0	1.0	44.9	63.2	-18.6	65.9	343.5
348.4	322.5	321.5	0.875	0.0	1.0	47.5	68.2	-13.9	69.7	348.4
353.1	330.0	328.6	1.0	0.0	1.0	49.7	73.5	-8.8	74.1	353.1
357.1	337.5	335.7	1.0	0.0	0.875	49.5	72.4	-3.5	72.5	357.1
360.9	345.0	342.8	1.0	0.0	0.75	49.4	71.3	1.1	71.3	360.9
365.8	352.5	349.9	1.0	0.0	0.625	49.4	69.9	7.1	70.2	365.8
370.7	360.0	357.0	1.0	0.0	0.5	49.0	69.3	13.1	70.6	370.7
375.8	367.5	364.2	1.0	0.0	0.375	49.1	68.3	19.3	71.0	375.8
382.1	375.0	371.3	1.0	0.0	0.25	49.0	67.2	27.2	72.5	382.1
387.0	382.5	378.4	1.0	0.0	0.125	48.8	66.6	33.9	74.7	387.0
391.4	390.0	385.5	1.0	0.0	0.0	48.6	66.3	40.5	77.7	391.4

OE370-7N, Page of series 2/20, RX0, D65, XYZnw=3.4, 3.5, 3.7, 85.8, 90.7, 95.4, LAB*_{nw}=22.0, 0.3, 0.6, 96.3, -0.7, 2.2, not adapted

TUB-test chart OE37; 48 and 360 step hue circles, Page 2/20
Data of Offset print ORS40_18_96, separation cmyn6*, D65 and D50

Output: Offset print ORS40_18_96; separation cmyn6*, D65 and D50, page 2/20

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

TUB registration: 20110301-OE37/OE37L0NA.TXT /PS
application for measurement of printer or monitor systems

TUB material: code=rha4ta

See original or copy: <http://web.me.com/klaus.richter/OE37/OE37L0NA.TXT> / <http://www.ps.ban.de> or <http://130.149.60.45/~fabdmetrik>

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Lab,d h _{ab} ,s h _{ab} ,e			rgb* _{dd361Mi} LAB* _{dd361Mix (x=LabCh)}									rgb* _{ds361Mi} LAB* _{ds361Mix (x=LabCh)}									rgb* _{s50M} LAB* _{de361Mix (x=LabCh)}									rgb* _{e50M} LAB* _{de361Mix (x=LabCh)}									rgb* _{da} rgb* _{ds} rgb* _d		
31	30	25	1.0	0.0	0.011	48.6	66.4	39.9	77.4	31	R _d	1.0	0.0	0.04	48.7	66.5	38.4	76.7	30	1.0	0.0	0.0R _s	1.0	0.0	0.175	48.9	66.9	31.2	73.8	25	1.0	0.0	0.0R _e								
32	31	27	1.0	0.01	0.0	48.9	65.6	41.0	77.3	32		1.0	0.0	0.011	48.6	66.4	39.9	77.4	31	1.0	0.017	0.0	1.0	0.0	0.124	48.8	66.6	33.9	74.7	27	1.0	0.017	0.0								
33	32	28	1.0	0.026	0.0	49.5	64.3	41.8	76.7	33		1.0	0.01	0.0	48.9	65.6	41.0	77.3	32	1.0	0.033	0.0	1.0	0.0	0.096	48.8	66.6	35.4	75.4	28	1.0	0.033	0.0								
34	33	29	1.0	0.042	0.0	50.1	63.1	42.6	76.1	34		1.0	0.026	0.0	49.5	64.3	41.8	76.7	33	1.0	0.05	0.0	1.0	0.0	0.068	48.7	66.5	36.9	76.1	29	1.0	0.05	0.0								
35	34	30	1.0	0.059	0.0	50.6	61.9	43.3	75.5	35		1.0	0.042	0.0	50.1	63.1	42.6	76.1	34	1.0	0.067	0.0	1.0	0.0	0.04	48.7	66.5	38.4	76.7	30	1.0	0.067	0.0								
36	35	31	1.0	0.075	0.0	51.2	60.6	44.0	74.9	36		1.0	0.059	0.0	50.6	61.9	43.3	75.5	35	1.0	0.083	0.0	1.0	0.0	0.011	48.6	66.4	39.9	77.4	31	1.0	0.083	0.0								
37	36	32	1.0	0.091	0.0	51.8	59.3	44.7	74.3	37		1.0	0.075	0.0	51.2	60.6	44.0	74.9	36	1.0	0.1	0.0	1.0	0.01	0.0	48.9	65.6	41.0	77.3	32	1.0	0.1	0.0								
38	37	33	1.0	0.108	0.0	52.4	58.1	45.4	73.7	38		1.0	0.091	0.0	51.8	59.3	44.7	74.3	37	1.0	0.117	0.0	1.0	0.026	0.0	49.5	64.3	41.8	76.7	33	1.0	0.117	0.0								
39	38	34	1.0	0.124	0.0	52.9	56.8	46.0	73.1	39		1.0	0.108	0.0	52.4	58.1	45.4	73.7	38	1.0	0.133	0.0	1.0	0.042	0.0	50.1	63.1	42.6	76.1	34	1.0	0.133	0.0								
40	39	36	1.0	0.139	0.0	53.5	55.7	46.7	72.7	40		1.0	0.124	0.0	52.9	56.8	46.0	73.1	39	1.0	0.15	0.0	1.0	0.075	0.0	51.2	60.6	44.0	74.9	36	1.0	0.15	0.0								
41	40	37	1.0	0.153	0.0	54.0	54.5	47.4	72.2	41		1.0	0.139	0.0	53.5	55.7	46.7	72.7	40	1.0	0.167	0.0	1.0	0.091	0.0	51.8	59.3	44.7	74.3	37	1.0	0.167	0.0								
42	41	38	1.0	0.168	0.0	54.5	53.4	48.1	71.8	42		1.0	0.153	0.0	54.0	54.5	47.4	72.2	41	1.0	0.183	0.0	1.0	0.108	0.0	52.4	58.1	45.4	73.7	38	1.0	0.183	0.0								
43	42	39	1.0	0.182	0.0	55.1	52.2	48.7	71.4	43		1.0	0.168	0.0	54.5	53.4	48.1	71.8	42	1.0	0.2	0.0	1.0	0.124	0.0	52.9	56.8	46.0	73.1	39	1.0	0.2	0.0								
44	43	40	1.0	0.197	0.0	55.6	51.1	49.3	71.0	44		1.0	0.182	0.0	55.1	52.2	48.7	71.4	43	1.0	0.217	0.0	1.0	0.139	0.0	53.5	55.7	46.7	72.7	40	1.0	0.217	0.0								
45	44	41	1.0	0.211	0.0	56.1	49.9	49.9	70.6	45		1.0	0.197	0.0	55.6	51.1	49.3	71.0	44	1.0	0.233	0.0	1.0	0.153	0.0	54.0	54.5	47.4	72.2	41	1.0	0.233	0.0								
46	45	42	1.0	0.226	0.0	56.7	48.7	50.5	70.2	46		1.0	0.211	0.0	56.1	49.9	49.9	70.6	45	1.0	0.25	0.0	1.0	0.168	0.0	54.5	53.4	48.1	71.8	42	1.0	0.25	0.0								
47	46	43	1.0	0.24	0.0	57.2	47.6	51.0	69.8	47		1.0	0.226	0.0	56.7	48.7	50.5	70.2	46	1.0	0.267	0.0	1.0	0.182	0.0	55.1	52.2	48.7	71.4	43	1.0	0.267	0.0								
48	47	44	1.0	0.254	0.0	57.7	46.5	51.6	69.4	48		1.0	0.24	0.0	57.2	47.6	51.0	69.8	47	1.0	0.283	0.0	1.0	0.197	0.0	55.6	51.1	49.3	71.0	44	1.0	0.283	0.0								
49	48	46	1.0	0.266	0.0	58.3	45.5	52.3	69.3	49		1.0	0.254	0.0	57.7	46.5	51.6	69.4	48	1.0	0.3	0.0	1.0	0.226	0.0	56.7	48.7	50.5	70.2	46	1.0	0.3	0.0								
50	49	47	1.0	0.278	0.0	58.8	44.4	53.0	69.1	50		1.0	0.266	0.0	58.3	45.5	52.3	69.3	49	1.0	0.317	0.0	1.0	0.24	0.0	57.2	47.6	51.0	69.8	47	1.0	0.317	0.0								
51	50	48	1.0	0.29	0.0	59.3	43.4	53.6	69.0	51		1.0	0.278	0.0	58.8	44.4	53.0	69.1	50	1.0	0.333	0.0	1.0	0.254	0.0	57.7	46.5	51.6	69.4	48	1.0	0.333	0.0								
52	51	49	1.0	0.302	0.0	59.8	42.4	54.3	68.9	52		1.0	0.29	0.0	59.3	43.4	53.6	69.0	51	1.0	0.35	0.0	1.0	0.266	0.0	58.3	45.5	52.3	69.3	49	1.0	0.35	0.0								
53	52	50	1.0	0.314	0.0	60.3	41.4	54.9	68.7	53		1.0	0.302	0.0	59.8	42.4	54.3	68.9	52	1.0	0.367	0.0	1.0	0.278	0.0	58.8	44.4	53.0	69.1	50	1.0	0.367	0.0								
54	53	51	1.0	0.326	0.0	60.8	40.3	55.5	68.6	54		1.0	0.314	0.0	60.3	41.4	54.9	68.7	53	1.0	0.383	0.0	1.0	0.29	0.0	59.3	43.4	53.6	69.0	51	1.0	0.383	0.0								
55	54	52	1.0	0.338	0.0	61.4	39.3	56.1	68.4	55		1.0	0.326	0.0	60.8	40.3	55.5	68.6	54	1.0	0.4	0.0	1.0	0.302	0.0	59.8	42.4	54.3	68.9	52	1.0	0.4	0.0								
56	55	53	1.0	0.35	0.0	61.9	38.2	56.6	68.3	56		1.0	0.338	0.0	61.4	39.3	56.1	68.4	55	1.0	0.417	0.0	1.0	0.314	0.0	60.3	41.4	54.9	68.7	53	1.0	0.417	0.0								
57	56	54	1.0	0.362	0.0	62.4	37.1	57.2	68.2	57		1.0	0.35	0.0	61.9	38.2	56.6	68.3	56	1.0	0.433	0.0	1.0	0.326	0.0	60.8	40.3	55.5	68.6	54	1.0	0.433	0.0								
58	57	56	1.0	0.374	0.0	62.9	36.0	57.7	68.0	58		1.0	0.362	0.0	62.4	37.1	57.2	68.2	57	1.0	0.45	0.0	1.0	0.35	0.0	61.9	38.2	56.6	68.3	56	1.0	0.45	0.0								
59	58	57	1.0	0.386	0.0	63.4	35.1	58.3	68.1	59		1.0	0.374	0.0	62.9	36.0	57.7	68.0	58	1.0	0.467	0.0	1.0	0.362	0.0	62.4	37.1	57.2	68.2	57	1.0	0.467	0.0								
60	59	58	1.0	0.397	0.0	64.0	34.1	59.0	68.1	60		1.0	0.386	0.0	63.4	35.1	58.3	68.1	59	1.0	0.483	0.0	1.0	0.374	0.0	62.9	36.0	57.7	68.0	58	1.0	0.483	0.0								
61	60	59	1.0	0.409	0.0	64.5	33.0	59.6	68.2	61		1.0	0.397	0.0	64.0	34.1	59.0	68.1	60	1.0	0.5	0.0	1.0	0.386	0.0	63.4	35.1	58.3	68.1	59	1.0	0.5	0.0								
62	61	60	1.0	0.421	0.0	65.1	32.0	60.2	68.2	62		1.0	0.409	0.0	64.5	33.0	59.6	68.2	61	1.0	0.517	0.0	1.0	0.397	0.0	64.0	34.1	59.0	68.1	60	1.0	0.517	0.0								
63	62	61	1.0	0.433	0.0	65.6	31.0	60.8	68.3	63		1.0	0.421	0.0	65.1	32.0	60.2	68.2	62	1.0	0.533	0.0	1.0	0.409	0.0	64.5	33.0	59.6	68.2	61	1.0	0.533	0.0								
64	63	62	1.0	0.445	0.0	66.1	30.0	61.4	68.3	64		1.0	0.433	0.0	65.6	31.0	60.8	68.3	63	1.0	0.55	0.0	1.0	0.421	0.0	65.1	32.0	60.2	68.2	62	1.0	0.55	0.0								
65	64	63	1.0	0.457	0.0	66.7	28.9	62.0	68.4	65		1.0	0.445	0.0	66.1	30.0	61.4	68.3	64	1.0	0.567	0.0	1.0	0.433	0.0	65.6	31.0	60.8	68.3	63	1.0	0.567	0.0								
66	65	64	1.0	0.469	0.0	67.2	27.8	62.5	68.4	66		1.0	0.457	0.0	66.7	28.9	62.0	68.4	65	1.0	0.583	0.0	1.0	0.445	0.0	66.1	30.0	61.4	68.3	64	1.0	0.583	0.0								
67	66	66	1.0	0.481	0.0	67.8	26.8	63.0	68.5	67		1.0	0.469	0.0	67.2	27.8	62.5	68.4	66	1.0	0.6	0.0	1.0	0.469	0.0	67.2	27.8	62.5	68.4	66	1.0	0.6	0.0								
68	67	67	1.0	0.493	0.0	68.3	25.7	63.5	68.5	68		1.0	0.481	0.0	67.8	26.8	63.0	68.5	67	1.0	0.617	0.0	1.0	0.481	0.0	67.8	26.8	63.0	68.5	67	1.0	0.617	0.0								
69	68	68	1.0	0.505	0.0	68.9	24.6	64.2	68.7	69		1.0	0.493	0.0	68.3	25.7	63.5	68.5	68	1.0	0.633	0.0	1.0	0.493	0.0	68.3	25.7	63.5	68.5	68	1.0	0.633	0.0								
70	69	69	1.0	0.518	0.0	69.5	23.6	64.9	69.1	70		1.0	0.505	0.0	68.9	24.6	64.2	68.7	69	1.0	0.65	0.0	1.0	0.505	0.0	68.9	24.6	64.2	68.7	69	1.0	0.65	0.0								
71	70	70	1.0	0.531	0.0	70.1	22.6	65.7	69.5	71		1.0	0.518	0.0	69.5	23.6	64.9	69.1	70	1.0	0.667	0.0	1.0	0.518</																	

See original or copy: <http://web.me.com/klaus.richter/OE37/OE37L0NA.TXT> /PS
Technical information: <http://www.ps.bam.de> or <http://130.149.60.45/~farbmetrik>

Data of Maximum color M in colorimetric system Offset print ORS40_18_96; separation cmyn6*, D65 and D50 for input or output; Six hue angles of the 60 degree standard colours s: $h_{ab,s} = 30.0, 90.0, 150.0, 210.0, 270.0, 330.0$;
Six hue angles of the device colours d: $h_{ab,d} = 31.4, 96.2, 152.6, 233.9, 298.6, 353.1$; Six hue angles of the elementary colours e: $h_{ab,e} = 25.5, 92.3, 162.2, 217.0, 271.7, 328.6$

$h_{ab,d}$	$h_{ab,s}$	$h_{ab,e}$	rgb^*_d 361Mi	LAB^*_d 361Mix (x=LabCh)	rgb^*_s 361Mi	LAB^*_s 361Mix (x=LabCh)	rgb^*_s 50M	rgb^*_e 361Mi	LAB^*_e 361Mix (x=LabCh)	rgb^*_e 50M	rgb^*_d 361Mi	rgb^*_s 361Mi	rgb^*_e 361Mi
76	75	76	1.0 0.596 0.0	73.2 17.3 69.3 71.4 76	1.0 0.583 0.0	72.6 18.4 68.6 71.0 75	1.0 0.75 0.0	1.0 0.596 0.0	73.2 17.3 69.3 71.4 76	1.0 0.75 0.0			
77	76	77	1.0 0.609 0.0	73.9 16.1 69.9 71.8 77	1.0 0.596 0.0	73.2 17.3 69.3 71.4 76	1.0 0.767 0.0	1.0 0.609 0.0	73.9 16.1 69.9 71.8 77	1.0 0.767 0.0			
78	77	78	1.0 0.622 0.0	74.5 15.0 70.6 72.1 78	1.0 0.609 0.0	73.9 16.1 69.9 71.8 77	1.0 0.783 0.0	1.0 0.622 0.0	74.5 15.0 70.6 72.1 78	1.0 0.783 0.0			
79	78	79	1.0 0.638 0.0	75.2 13.9 71.4 72.7 79	1.0 0.622 0.0	74.5 15.0 70.6 72.1 78	1.0 0.8 0.0	1.0 0.638 0.0	75.2 13.9 71.4 72.7 79	1.0 0.8 0.0			
80	79	80	1.0 0.655 0.0	75.9 12.7 72.2 73.3 80	1.0 0.638 0.0	75.2 13.9 71.4 72.7 79	1.0 0.817 0.0	1.0 0.655 0.0	75.9 12.7 72.2 73.3 80	1.0 0.817 0.0			
81	80	81	1.0 0.672 0.0	76.7 11.6 73.0 73.9 81	1.0 0.655 0.0	75.9 12.7 72.2 73.3 80	1.0 0.833 0.0	1.0 0.672 0.0	76.7 11.6 73.0 73.9 81	1.0 0.833 0.0			
82	81	82	1.0 0.689 0.0	77.4 10.4 73.8 74.6 82	1.0 0.672 0.0	76.7 11.6 73.0 73.9 81	1.0 0.85 0.0	1.0 0.689 0.0	77.4 10.4 73.8 74.6 82	1.0 0.85 0.0			
83	82	83	1.0 0.706 0.0	78.2 9.2 74.6 75.2 83	1.0 0.689 0.0	77.4 10.4 73.8 74.6 82	1.0 0.867 0.0	1.0 0.706 0.0	78.2 9.2 74.6 75.2 83	1.0 0.867 0.0			
84	83	85	1.0 0.723 0.0	78.9 7.9 75.4 75.8 84	1.0 0.706 0.0	78.2 9.2 74.6 75.2 83	1.0 0.883 0.0	1.0 0.74 0.0	79.6 6.7 76.1 76.4 85	1.0 0.883 0.0			
85	84	86	1.0 0.74 0.0	79.6 6.7 76.1 76.4 85	1.0 0.723 0.0	78.9 7.9 75.4 75.8 84	1.0 0.9 0.0	1.0 0.758 0.0	80.4 5.4 76.9 77.1 86	1.0 0.9 0.0			
86	85	87	1.0 0.758 0.0	80.4 5.4 76.9 77.1 86	1.0 0.74 0.0	79.6 6.7 76.1 76.4 85	1.0 0.917 0.0	1.0 0.78 0.0	81.3 4.1 77.9 78.0 87	1.0 0.917 0.0			
87	86	88	1.0 0.78 0.0	81.3 4.1 77.9 78.0 87	1.0 0.758 0.0	80.4 5.4 76.9 77.1 86	1.0 0.933 0.0	1.0 0.801 0.0	82.2 2.8 78.9 78.9 88	1.0 0.933 0.0			
88	87	89	1.0 0.801 0.0	82.2 2.8 78.9 78.9 88	1.0 0.78 0.0	81.3 4.1 77.9 78.0 87	1.0 0.95 0.0	1.0 0.823 0.0	83.1 1.4 79.8 79.8 89	1.0 0.95 0.0			
89	88	90	1.0 0.823 0.0	83.1 1.4 79.8 79.8 89	1.0 0.801 0.0	82.2 2.8 78.9 78.9 88	1.0 0.967 0.0	1.0 0.844 0.0	84.0 0.0 80.7 80.7 90	1.0 0.967 0.0			
90	89	91	1.0 0.844 0.0	84.0 0.0 80.7 80.7 90	1.0 0.823 0.0	83.1 1.4 79.8 79.8 89	1.0 0.983 0.0	1.0 0.866 0.0	84.8 -1.3 81.6 81.6 91	1.0 0.983 0.0			
91	90	92	1.0 0.866 0.0	84.8 -1.3 81.6 81.6 91	1.0 0.844 0.0	84.0 0.0 80.7 80.7 90	1.0 1.0 0.0 J_s	1.0 0.89 0.0	85.8 -2.8 82.8 82.8 92	1.0 1.0 0.0 J_e			
92	91	93	1.0 0.89 0.0	85.8 -2.8 82.8 82.8 92	1.0 0.866 0.0	84.8 -1.3 81.6 81.6 91	1.0 0.983 1.0 0.0	1.0 0.916 0.0	86.9 -4.3 84.1 84.3 93	1.0 0.983 1.0 0.0			
93	92	95	1.0 0.916 0.0	86.9 -4.3 84.1 84.3 93	1.0 0.89 0.0	85.8 -2.8 82.8 82.8 92	1.0 0.967 1.0 0.0	1.0 0.969 0.0	89.0 -7.5 86.8 87.2 95	1.0 0.967 1.0 0.0			
94	93	96	1.0 0.942 0.0	88.0 -5.9 85.5 85.7 94	1.0 0.916 0.0	86.9 -4.3 84.1 84.3 93	1.0 0.95 1.0 0.0	1.0 0.995 0.0	90.1 -9.2 88.1 88.6 96	1.0 0.95 1.0 0.0			
95	94	97	1.0 0.969 0.0	89.0 -7.5 86.8 87.2 95	1.0 0.942 0.0	88.0 -5.9 85.5 85.7 94	1.0 0.933 1.0 0.0	0.973 1.0 0.0	89.5 -10.6 87.3 88.0 97	1.0 0.933 1.0 0.0			
96	95	98	1.0 0.995 0.0	90.1 -9.2 88.1 88.6 96 J_d	1.0 0.969 0.0	89.0 -7.5 86.8 87.2 95	1.0 0.917 1.0 0.0	0.94 1.0 0.0	88.5 -12.0 85.9 86.8 98	1.0 0.917 1.0 0.0			
97	96	99	0.973 1.0 0.0	89.5 -10.6 87.3 88.0 97	1.0 0.995 0.0	90.1 -9.2 88.1 88.6 96	1.0 0.9 1.0 0.0	0.906 1.0 0.0	87.5 -13.3 84.6 85.6 99	1.0 0.9 1.0 0.0			
98	97	100	0.94 1.0 0.0	88.5 -12.0 85.9 86.8 98	0.973 1.0 0.0	89.5 -10.6 87.3 88.0 97	1.0 0.883 1.0 0.0	0.873 1.0 0.0	86.5 -14.6 83.2 84.5 100	1.0 0.883 1.0 0.0			
99	98	102	0.906 1.0 0.0	87.5 -13.3 84.6 85.6 99	0.94 1.0 0.0	88.5 -12.0 85.9 86.8 98	1.0 0.867 1.0 0.0	0.801 1.0 0.0	84.3 -17.1 81.1 82.9 102	1.0 0.867 1.0 0.0			
100	99	103	0.873 1.0 0.0	86.5 -14.6 83.2 84.5 100	0.906 1.0 0.0	87.5 -13.3 84.6 85.6 99	1.0 0.85 1.0 0.0	0.765 1.0 0.0	83.2 -18.4 80.0 82.1 103	1.0 0.85 1.0 0.0			
101	100	104	0.837 1.0 0.0	85.4 -15.9 82.2 83.7 101	0.873 1.0 0.0	86.5 -14.6 83.2 84.5 100	1.0 0.833 1.0 0.0	0.74 1.0 0.0	82.3 -19.5 78.7 81.1 104	1.0 0.833 1.0 0.0			
102	101	105	0.801 1.0 0.0	84.3 -17.1 81.1 82.9 102	0.837 1.0 0.0	85.4 -15.9 82.2 83.7 101	1.0 0.817 1.0 0.0	0.721 1.0 0.0	81.6 -20.6 77.2 79.9 105	1.0 0.817 1.0 0.0			
103	102	106	0.765 1.0 0.0	83.2 -18.4 80.0 82.1 103	0.801 1.0 0.0	84.3 -17.1 81.1 82.9 102	1.0 0.8 1.0 0.0	0.703 1.0 0.0	80.8 -21.6 75.6 78.7 106	1.0 0.8 1.0 0.0			
104	103	107	0.74 1.0 0.0	82.3 -19.5 78.7 81.1 104	0.765 1.0 0.0	83.2 -18.4 80.0 82.1 103	1.0 0.783 1.0 0.0	0.685 1.0 0.0	80.1 -22.6 74.1 77.5 107	1.0 0.783 1.0 0.0			
105	104	109	0.721 1.0 0.0	81.6 -20.6 77.2 79.9 105	0.74 1.0 0.0	82.3 -19.5 78.7 81.1 104	1.0 0.767 1.0 0.0	0.648 1.0 0.0	78.6 -24.3 71.0 75.1 109	1.0 0.767 1.0 0.0			
106	105	110	0.703 1.0 0.0	80.8 -21.6 75.6 78.7 106	0.721 1.0 0.0	81.6 -20.6 77.2 79.9 105	1.0 0.75 1.0 0.0	0.63 1.0 0.0	77.9 -25.2 69.4 73.9 110	1.0 0.75 1.0 0.0			
107	106	111	0.685 1.0 0.0	80.1 -22.6 74.1 77.5 107	0.703 1.0 0.0	80.8 -21.6 75.6 78.7 106	1.0 0.733 1.0 0.0	0.611 1.0 0.0	77.2 -26.1 68.3 73.2 111	1.0 0.733 1.0 0.0			
108	107	112	0.667 1.0 0.0	79.4 -23.5 72.5 76.3 108	0.685 1.0 0.0	80.1 -22.6 74.1 77.5 107	1.0 0.717 1.0 0.0	0.593 1.0 0.0	76.5 -27.1 67.4 72.7 112	1.0 0.717 1.0 0.0			
109	108	113	0.648 1.0 0.0	78.6 -24.3 71.0 75.1 109	0.667 1.0 0.0	79.4 -23.5 72.5 76.3 108	1.0 0.7 1.0 0.0	0.574 1.0 0.0	75.9 -28.1 66.5 72.2 113	1.0 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 -24.3 71.0 75.1 109	1.0 0.683 1.0 0.0	0.556 1.0 0.0	75.2 -29.1 65.5 71.7 114	1.0 0.683 1.0 0.0			
111	110	116	0.611 1.0 0.0	77.2 -26.1 68.3 73.2 111	0.63 1.0 0.0	77.9 -25.2 69.4 73.9 110	1.0 0.667 1.0 0.0	0.518 1.0 0.0	73.9 -30.9 63.6 70.8 116	1.0 0.667 1.0 0.0			
112	111	117	0.593 1.0 0.0	76.5 -27.1 67.4 72.7 112	0.611 1.0 0.0	77.2 -26.1 68.3 73.2 111	1.0 0.65 1.0 0.0	0.5 1.0 0.0	73.3 -31.8 62.6 70.3 117	1.0 0.65 1.0 0.0			
113	112	118	0.574 1.0 0.0	75.9 -28.1 66.5 72.2 113	0.593 1.0 0.0	76.5 -27.1 67.4 72.7 112	1.0 0.633 1.0 0.0	0.483 1.0 0.0	72.7 -32.8 61.9 70.1 118	1.0 0.633 1.0 0.0			
114	113	119	0.556 1.0 0.0	75.2 -29.1 65.5 71.7 114	0.574 1.0 0.0	75.9 -28.1 66.5 72.2 113	1.0 0.617 1.0 0.0	0.466 1.0 0.0	72.0 -33.8 61.1 69.9 119	1.0 0.617 1.0 0.0			
115	114	120	0.537 1.0 0.0	74.6 -30.0 64.6 71.3 115	0.556 1.0 0.0	75.2 -29.1 65.5 71.7 114	1.0 0.6 1.0 0.0	0.449 1.0 0.0	71.4 -34.7 60.3 69.7 120	1.0 0.6 1.0 0.0			
116	115	121	0.518 1.0 0.0	73.9 -30.9 63.6 70.8 116	0.537 1.0 0.0	74.6 -30.0 64.6 71.3 115	1.0 0.583 1.0 0.0	0.432 1.0 0.0	70.8 -35.7 59.5 69.4 121	1.0 0.583 1.0 0.0			
117	116	123	0.5 1.0 0.0	73.3 -31.8 62.6 70.3 117	0.518 1.0 0.0	73.9 -30.9 63.6 70.8 116	1.0 0.567 1.0 0.0	0.398 1.0 0.0	69.5 -37.5 57.9 69.0 123	1.0 0.567 1.0 0.0			
118	117	124	0.483 1.0 0.0	72.7 -32.8 61.9 70.1 118	0.5 1.0 0.0	73.3 -31.8 62.6 70.3 117	1.0 0.55 1.0 0.0	0.381 1.0 0.0	68.9 -38.4 57.0 68.8 124	1.0 0.55 1.0 0.0			
119	118	125	0.466 1.0 0.0	72.0 -33.8 61.1 69.9 119	0.483 1.0 0.0	72.7 -32.8 61.9 70.1 118	1.0 0.533 1.0 0.0	0.369 1.0 0.0	68.4 -39.2 56.2 68.6 125	1.0 0.533 1.0 0.0			
120	119	126	0.449 1.0 0.0	71.4 -34.7 60.3 69.7 120	0.466 1.0 0.0	72.0 -33.8 61.1 69.9 119	1.0 0.517 1.0 0.0	0.36 1.0 0.0	68.0 -40.1 55.3 68.3 126	1.0 0.517 1.0 0.0			
121	120	127	0.432 1.0 0.0	70.8 -35.7 59.5 69.4 121	0.449 1.0 0.0	71.4 -34.7 60.3 69.7 120	1.0 0.5 1.0 0.0	0.351 1.0 0.0	67.5 -40.9 54.4 68.1 127	1.0 0.5 1.0 0.0			

OE370-7N, Page of series 4/20, RX0, D65, XYZnw=3.4, 3.5, 3.7, 85.8, 90.7, 95.4, LAB*nw=22.0, 0.3, 0.6, 96.3, -0.7, 2.2, not adapted

Output: Offset print ORS40_18_96; separation cmyn6*, D65 and D50, page 4/20

TUB-test chart OE37; 48 and 360 step hue circles, Page 4/20
Data of Offset print ORS40_18_96, separation cmyn6*, D65 and D50

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

TUB registration: 20110301-OE37/OE37L0NA.TXT /PS
application for measurement of printer or monitor systems

TUB material: code=rha4ta

See original or copy: <http://web.me.com/klaus.richter/OE37/OE37L0NA.TXT> /PS
Technical information: <http://www.ps.bam.de> or <http://130.149.60.45/~farbmetrik>

Data of Maximum color M in colorimetric system Offset print ORS40_18_96; separation cmyn6*, D65 and D50 for input or output; Six hue angles of the 60 degree standard colours s: $h_{ab,s} = 30.0, 90.0, 150.0, 210.0, 270.0, 330.0$;
Six hue angles of the device colours d: $h_{ab,d} = 31.4, 96.2, 152.6, 233.9, 298.6, 353.1$; Six hue angles of the elementary colours e: $h_{ab,e} = 25.5, 92.3, 162.2, 217.0, 271.7, 328.6$

$h_{ab,d}$	$h_{ab,s}$	$h_{ab,e}$	rgb^*_d dd361Mi	LAB^*_d dd361Mix (x=LabCh)	rgb^*_s ds361Mi	LAB^*_s ds361Mix (x=LabCh)	rgb^*_e s50M	rgb^*_e de361Mi	LAB^*_e de361Mix (x=LabCh)	rgb^*_e e50M	rgb^*_d	rgb^*_s	rgb^*_e
121	120	127	0.432 1.0 0.0	70.8 -35.7 59.5 69.4 121	0.449 1.0 0.0	71.4 -34.7 60.3 69.7 120 0.5 1.0 0.0	0.351 1.0 0.0	67.5 -40.9 54.4 68.1 127 0.5 1.0 0.0					
122	121	128	0.415 1.0 0.0	70.2 -36.6 58.7 69.2 122	0.432 1.0 0.0	70.8 -35.7 59.5 69.4 121 0.483 1.0 0.0	0.342 1.0 0.0	67.0 -41.7 53.5 67.9 128 0.483 1.0 0.0					
123	122	130	0.398 1.0 0.0	69.5 -37.5 57.9 69.0 123	0.415 1.0 0.0	70.2 -36.6 58.7 69.2 122 0.467 1.0 0.0	0.323 1.0 0.0	66.1 -43.2 51.6 67.4 130 0.467 1.0 0.0					
124	123	131	0.381 1.0 0.0	68.9 -38.4 57.0 68.8 124	0.398 1.0 0.0	69.5 -37.5 57.9 69.0 123 0.45 1.0 0.0	0.314 1.0 0.0	65.7 -43.9 50.7 67.1 131 0.45 1.0 0.0					
125	124	132	0.369 1.0 0.0	68.4 -39.2 56.2 68.6 125	0.381 1.0 0.0	68.9 -38.4 57.0 68.8 124 0.433 1.0 0.0	0.305 1.0 0.0	65.2 -44.7 49.7 66.9 132 0.433 1.0 0.0					
126	125	133	0.36 1.0 0.0	68.0 -40.1 55.3 68.3 126	0.369 1.0 0.0	68.4 -39.2 56.2 68.6 125 0.417 1.0 0.0	0.296 1.0 0.0	64.8 -45.4 48.8 66.7 133 0.417 1.0 0.0					
127	126	134	0.351 1.0 0.0	67.5 -40.9 54.4 68.1 127	0.36 1.0 0.0	68.0 -40.1 55.3 68.3 126 0.4 1.0 0.0	0.286 1.0 0.0	64.3 -46.0 47.8 66.4 134 0.4 1.0 0.0					
128	127	135	0.342 1.0 0.0	67.0 -41.7 53.5 67.9 128	0.351 1.0 0.0	67.5 -40.9 54.4 68.1 127 0.383 1.0 0.0	0.277 1.0 0.0	63.9 -46.7 46.8 66.2 135 0.383 1.0 0.0					
129	128	137	0.332 1.0 0.0	66.6 -42.5 52.5 67.6 129	0.342 1.0 0.0	67.0 -41.7 53.5 67.9 128 0.367 1.0 0.0	0.259 1.0 0.0	63.0 -48.0 44.8 65.7 137 0.367 1.0 0.0					
130	129	138	0.323 1.0 0.0	66.1 -43.2 51.6 67.4 130	0.332 1.0 0.0	66.6 -42.5 52.5 67.6 129 0.35 1.0 0.0	0.25 1.0 0.0	62.5 -48.6 43.8 65.5 138 0.35 1.0 0.0					
131	130	139	0.314 1.0 0.0	65.7 -43.9 50.7 67.1 131	0.323 1.0 0.0	66.1 -43.2 51.6 67.4 130 0.333 1.0 0.0	0.233 1.0 0.0	62.1 -49.6 43.2 65.9 139 0.333 1.0 0.0					
132	131	140	0.305 1.0 0.0	65.2 -44.7 49.7 66.9 132	0.314 1.0 0.0	65.7 -43.9 50.7 67.1 131 0.317 1.0 0.0	0.216 1.0 0.0	61.7 -50.7 42.6 66.3 140 0.317 1.0 0.0					
133	132	141	0.296 1.0 0.0	64.8 -45.4 48.8 66.7 133	0.305 1.0 0.0	65.2 -44.7 49.7 66.9 132 0.3 1.0 0.0	0.199 1.0 0.0	61.2 -51.8 42.0 66.8 141 0.3 1.0 0.0					
134	133	142	0.286 1.0 0.0	64.3 -46.0 47.8 66.4 134	0.296 1.0 0.0	64.8 -45.4 48.8 66.7 133 0.283 1.0 0.0	0.182 1.0 0.0	60.8 -52.9 41.4 67.2 142 0.283 1.0 0.0					
135	134	144	0.277 1.0 0.0	63.9 -46.7 46.8 66.2 135	0.286 1.0 0.0	64.3 -46.0 47.8 66.4 134 0.267 1.0 0.0	0.148 1.0 0.0	60.0 -55.0 40.0 68.1 144 0.267 1.0 0.0					
136	135	145	0.268 1.0 0.0	63.4 -47.3 45.8 65.9 136	0.277 1.0 0.0	63.9 -46.7 46.8 66.2 135 0.25 1.0 0.0	0.131 1.0 0.0	59.5 -56.0 39.3 68.5 145 0.25 1.0 0.0					
137	136	146	0.259 1.0 0.0	63.0 -48.0 44.8 65.7 137	0.268 1.0 0.0	63.4 -47.3 45.8 65.9 136 0.233 1.0 0.0	0.114 1.0 0.0	59.1 -57.2 38.6 69.1 146 0.233 1.0 0.0					
138	137	147	0.25 1.0 0.0	62.5 -48.6 43.8 65.5 138	0.259 1.0 0.0	63.0 -48.0 44.8 65.7 137 0.217 1.0 0.0	0.097 1.0 0.0	58.6 -58.4 38.0 69.7 147 0.217 1.0 0.0					
139	138	148	0.233 1.0 0.0	62.1 -49.6 43.2 65.9 139	0.25 1.0 0.0	62.5 -48.6 43.8 65.5 138 0.2 1.0 0.0	0.079 1.0 0.0	58.1 -59.6 37.3 70.4 148 0.2 1.0 0.0					
140	139	149	0.216 1.0 0.0	61.7 -50.7 42.6 66.3 140	0.233 1.0 0.0	62.1 -49.6 43.2 65.9 139 0.183 1.0 0.0	0.062 1.0 0.0	57.6 -60.8 36.6 71.1 149 0.183 1.0 0.0					
141	140	151	0.199 1.0 0.0	61.2 -51.8 42.0 66.8 141	0.216 1.0 0.0	61.7 -50.7 42.6 66.3 140 0.167 1.0 0.0	0.027 1.0 0.0	56.6 -63.2 35.1 72.4 151 0.167 1.0 0.0					
142	141	152	0.182 1.0 0.0	60.8 -52.9 41.4 67.2 142	0.199 1.0 0.0	61.2 -51.8 42.0 66.8 141 0.15 1.0 0.0	0.01 1.0 0.0	56.1 -64.4 34.3 73.1 152 0.15 1.0 0.0					
143	142	153	0.165 1.0 0.0	60.4 -53.9 40.7 67.6 143	0.182 1.0 0.0	60.8 -52.9 41.4 67.2 142 0.133 1.0 0.0	0.0 1.0 0.008 55.9	-65.0 33.2 73.0 153 0.133 1.0 0.0					
144	143	154	0.148 1.0 0.0	60.0 -55.0 40.0 68.1 144	0.165 1.0 0.0	60.4 -53.9 40.7 67.6 143 0.117 1.0 0.0	0.0 1.0 0.026 56.0	-64.7 31.6 72.1 154 0.117 1.0 0.0					
145	144	155	0.131 1.0 0.0	59.5 -56.0 39.3 68.5 145	0.148 1.0 0.0	60.0 -55.0 40.0 68.1 144 0.1 1.0 0.0	0.0 1.0 0.044 56.1	-64.4 30.1 71.1 155 0.1 1.0 0.0					
146	145	156	0.114 1.0 0.0	59.1 -57.2 38.6 69.1 146	0.131 1.0 0.0	59.5 -56.0 39.3 68.5 145 0.083 1.0 0.0	0.0 1.0 0.062 56.2	-64.0 28.6 70.2 156 0.083 1.0 0.0					
147	146	158	0.097 1.0 0.0	58.6 -58.4 38.0 69.7 147	0.114 1.0 0.0	59.1 -57.2 38.6 69.1 146 0.067 1.0 0.0	0.0 1.0 0.098 56.5	-63.2 25.6 68.3 158 0.067 1.0 0.0					
148	147	159	0.079 1.0 0.0	58.1 -59.6 37.3 70.4 148	0.097 1.0 0.0	58.6 -58.4 38.0 69.7 147 0.05 1.0 0.0	0.0 1.0 0.116 56.6	-62.8 24.1 67.3 159 0.05 1.0 0.0					
149	148	160	0.062 1.0 0.0	57.6 -60.8 36.6 71.1 149	0.079 1.0 0.0	58.1 -59.6 37.3 70.4 148 0.033 1.0 0.0	0.0 1.0 0.133 56.7	-62.4 22.7 66.5 160 0.033 1.0 0.0					
150	149	161	0.045 1.0 0.0	57.1 -62.0 35.9 71.7 150	0.062 1.0 0.0	57.6 -60.8 36.6 71.1 149 0.017 1.0 0.0	0.0 1.0 0.147 56.8	-62.1 21.4 65.7 161 0.017 1.0 0.0					
151	150	162	0.027 1.0 0.0	56.6 -63.2 35.1 72.4 151	0.045 1.0 0.0	57.1 -62.0 35.9 71.7 150 0.0 1.0 0.006	0.0 1.0 0.162 56.9	-61.7 20.1 65.0 162 0.0 1.0 0.006					
152	151	163	0.01 1.0 0.0	56.1 -64.4 34.3 73.1 152	0.027 1.0 0.0	56.6 -63.2 35.1 72.4 151 0.0 1.0 0.017	0.0 1.0 0.177 57.0	-61.3 18.8 64.3 163 0.0 1.0 0.017					
153	152	164	0.0 1.0 0.008 55.9	-65.0 33.2 73.0 153	0.01 1.0 0.0	56.1 -64.4 34.3 73.1 152 0.0 1.0 0.033	0.0 1.0 0.192 57.1	-60.9 17.5 63.5 164 0.0 1.0 0.033					
154	153	165	0.0 1.0 0.026 56.0	-64.7 31.6 72.1 154	0.0 1.0 0.008 55.9	-65.0 33.2 73.0 153 0.0 1.0 0.05	0.0 1.0 0.207 57.2	-60.5 16.2 62.8 165 0.0 1.0 0.05					
155	154	166	0.0 1.0 0.044 56.1	-64.4 30.1 71.1 155	0.0 1.0 0.026 56.0	-64.7 31.6 72.1 154 0.0 1.0 0.067	0.0 1.0 0.221 57.3	-60.1 15.0 62.0 166 0.0 1.0 0.067					
156	155	167	0.0 1.0 0.062 56.2	-64.0 28.6 70.2 156	0.0 1.0 0.044 56.1	-64.4 30.1 71.1 155 0.0 1.0 0.083	0.0 1.0 0.236 57.4	-59.6 13.8 61.3 167 0.0 1.0 0.083					
157	156	168	0.0 1.0 0.08 56.4	-63.6 27.1 69.2 157	0.0 1.0 0.062 56.2	-64.0 28.6 70.2 156 0.0 1.0 0.1	0.0 1.0 0.251 57.5	-59.1 12.6 60.5 168 0.0 1.0 0.1					
158	157	169	0.0 1.0 0.098 56.5	-63.2 25.6 68.3 158	0.0 1.0 0.08 56.4	-63.6 27.1 69.2 157 0.0 1.0 0.117	0.0 1.0 0.262 57.6	-58.8 11.4 60.0 169 0.0 1.0 0.117					
159	158	170	0.0 1.0 0.116 56.6	-62.8 24.1 67.3 159	0.0 1.0 0.098 56.5	-63.2 25.6 68.3 158 0.0 1.0 0.133	0.0 1.0 0.273 57.7	-58.5 10.3 59.5 170 0.0 1.0 0.133					
160	159	170	0.0 1.0 0.133 56.7	-62.4 22.7 66.5 160	0.0 1.0 0.116 56.6	-62.8 24.1 67.3 159 0.0 1.0 0.15	0.0 1.0 0.273 57.7	-58.5 10.3 59.5 170 0.0 1.0 0.15					
161	160	171	0.0 1.0 0.147 56.8	-62.1 21.4 65.7 161	0.0 1.0 0.133 56.7	-62.4 22.7 66.5 160 0.0 1.0 0.167	0.0 1.0 0.284 57.8	-58.1 9.2 58.9 171 0.0 1.0 0.167					
162	161	172	0.0 1.0 0.162 56.9	-61.7 20.1 65.0 162	0.0 1.0 0.147 56.8	-62.1 21.4 65.7 161 0.0 1.0 0.183	0.0 1.0 0.295 57.9	-57.7 8.1 58.4 172 0.0 1.0 0.183					
163	162	173	0.0 1.0 0.177 57.0	-61.3 18.8 64.3 163	0.0 1.0 0.162 56.9	-61.7 20.1 65.0 162 0.0 1.0 0.2	0.0 1.0 0.306 58.0	-57.3 7.1 57.9 173 0.0 1.0 0.2					
164	163	174	0.0 1.0 0.192 57.1	-60.9 17.5 63.5 164	0.0 1.0 0.177 57.0	-61.3 18.8 64.3 163 0.0 1.0 0.217	0.0 1.0 0.317 58.1	-56.9 6.0 57.3 174 0.0 1.0 0.217					
165	164	175	0.0 1.0 0.207 57.2	-60.5 16.2 62.8 165	0.0 1.0 0.192 57.1	-60.9 17.5 63.5 164 0.0 1.0 0.233	0.0 1.0 0.328 58.1	-56.5 4.9 56.8 175 0.0 1.0 0.233					
166	165	176	0.0 1.0 0.221 57.3	-60.1 15.0 62.0 166	0.0 1.0 0.207 57.2	-60.5 16.2 62.8 165 0.0 1.0 0.25	0.0 1.0 0.339 58.2	-56.0 3.9 56.3 176 0.0 1.0 0.25					

OE370-7N, Page of series 5/20, RX0, D65, XYZnw=3.4, 3.5, 3.7, 85.8, 90.7, 95.4, LAB*_{nw}=22.0, 0.3, 0.6, 96.3, -0.7, 2.2, not adapted

Output: Offset print ORS40_18_96; separation cmyn6*, D65 and D50, page 5/20

TUB-test chart OE37; 48 and 360 step hue circles, Page 5/20
Data of Offset print ORS40_18_96, separation cmyn6*, D65 and D50

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

TUB registration: 20110301-OE37/OE37L0NA.TXT /PS
application for measurement of printer or monitor systems

TUB material: code=rha4ta

See original or copy: <http://web.me.com/klaus.richter/OE37/OE37L0NA.TXT> /PS
Technical information: <http://www.ps.bam.de> or <http://130.149.60.45/~farbmetrik>

Data of Maximum color M in colorimetric system Offset print ORS40_18_96; separation cmyn6*, D65 and D50 for input or output; Six hue angles of the 60 degree standard colours s: $h_{ab,s} = 30.0, 90.0, 150.0, 210.0, 270.0, 330.0$;
Six hue angles of the device colours d: $h_{ab,d} = 31.4, 96.2, 152.6, 233.9, 298.6, 353.1$; Six hue angles of the elementary colours e: $h_{ab,e} = 25.5, 92.3, 162.2, 217.0, 271.7, 328.6$

$h_{ab,d}$	$h_{ab,s}$	$h_{ab,e}$	$rgb^*_{dd361Mi}$	$LAB^*_{dd361Mix(x=LabCh)}$	$rgb^*_{ds361Mi}$	$LAB^*_{ds361Mix(x=LabCh)}$	rgb^*_{s50M}	$rgb^*_{de361Mi}$	$LAB^*_{de361Mix(x=LabCh)}$	rgb^*_{e50M}	rgb^*_{dd}	rgb^*_{ds}	rgb^*_{de}
166	165	176	0.0	1.0 0.221 57.3	-60.1 15.0 62.0	166	0.0 1.0 0.207 57.2	-60.5 16.2 62.8	165	0.0 1.0 0.25	0.0 1.0 0.339 58.2	-56.0 3.9 56.3	176 0.0 1.0 0.25
167	166	177	0.0	1.0 0.236 57.4	-59.6 13.8 61.3	167	0.0 1.0 0.221 57.3	-60.1 15.0 62.0	166	0.0 1.0 0.267	0.0 1.0 0.35 58.3	-55.5 2.9 55.7	177 0.0 1.0 0.267
168	167	178	0.0	1.0 0.251 57.5	-59.1 12.6 60.5	168	0.0 1.0 0.236 57.4	-59.6 13.8 61.3	167	0.0 1.0 0.283	0.0 1.0 0.361 58.4	-55.1 1.9 55.2	178 0.0 1.0 0.283
169	168	179	0.0	1.0 0.262 57.6	-58.8 11.4 60.0	169	0.0 1.0 0.251 57.5	-59.1 12.6 60.5	168	0.0 1.0 0.3	0.0 1.0 0.372 58.5	-54.5 1.0 54.7	179 0.0 1.0 0.3
170	169	180	0.0	1.0 0.273 57.7	-58.5 10.3 59.5	170	0.0 1.0 0.262 57.6	-58.8 11.4 60.0	169	0.0 1.0 0.317	0.0 1.0 0.384 58.6	-54.2 0.0 54.3	180 0.0 1.0 0.317
171	170	180	0.0	1.0 0.284 57.8	-58.1 9.2 58.9	171	0.0 1.0 0.273 57.7	-58.5 10.3 59.5	170	0.0 1.0 0.333	0.0 1.0 0.384 58.6	-54.2 0.0 54.3	180 0.0 1.0 0.333
172	171	181	0.0	1.0 0.295 57.9	-57.7 8.1 58.4	172	0.0 1.0 0.284 57.8	-58.1 9.2 58.9	171	0.0 1.0 0.35	0.0 1.0 0.395 58.7	-53.9 -0.8 54.0	181 0.0 1.0 0.35
173	172	182	0.0	1.0 0.306 58.0	-57.3 7.1 57.9	173	0.0 1.0 0.295 57.9	-57.7 8.1 58.4	172	0.0 1.0 0.367	0.0 1.0 0.406 58.7	-53.6 -1.8 53.7	182 0.0 1.0 0.367
174	173	183	0.0	1.0 0.317 58.1	-56.9 6.0 57.3	174	0.0 1.0 0.306 58.0	-57.3 7.1 57.9	173	0.0 1.0 0.383	0.0 1.0 0.418 58.8	-53.2 -2.7 53.4	183 0.0 1.0 0.383
175	174	184	0.0	1.0 0.328 58.1	-56.5 4.9 56.8	175	0.0 1.0 0.317 58.1	-56.9 6.0 57.3	174	0.0 1.0 0.4	0.0 1.0 0.429 58.9	-52.8 -3.6 53.1	184 0.0 1.0 0.4
176	175	185	0.0	1.0 0.339 58.2	-56.0 3.9 56.3	176	0.0 1.0 0.328 58.1	-56.5 4.9 56.8	175	0.0 1.0 0.417	0.0 1.0 0.441 59.0	-52.5 -4.5 52.8	185 0.0 1.0 0.417
177	176	186	0.0	1.0 0.35 58.3	-55.5 2.9 55.7	177	0.0 1.0 0.339 58.2	-56.0 3.9 56.3	176	0.0 1.0 0.433	0.0 1.0 0.452 59.0	-52.1 -5.4 52.5	186 0.0 1.0 0.433
178	177	187	0.0	1.0 0.361 58.4	-55.1 1.9 55.2	178	0.0 1.0 0.35 58.3	-55.5 2.9 55.7	177	0.0 1.0 0.45	0.0 1.0 0.463 59.1	-51.7 -6.3 52.2	187 0.0 1.0 0.45
179	178	188	0.0	1.0 0.372 58.5	-54.5 1.0 54.7	179	0.0 1.0 0.361 58.4	-55.1 1.9 55.2	178	0.0 1.0 0.467	0.0 1.0 0.475 59.2	-51.2 -7.1 51.8	188 0.0 1.0 0.467
180	179	189	0.0	1.0 0.384 58.6	-54.2 0.0 54.3	180	0.0 1.0 0.372 58.5	-54.5 1.0 54.7	179	0.0 1.0 0.483	0.0 1.0 0.486 59.3	-50.8 -8.0 51.5	189 0.0 1.0 0.483
181	180	190	0.0	1.0 0.395 58.7	-53.9 -0.8 54.0	181	0.0 1.0 0.384 58.6	-54.2 0.0 54.3	180	0.0 1.0 0.5	0.0 1.0 0.498 59.3	-50.4 -8.8 51.2	190 0.0 1.0 0.5
182	181	191	0.0	1.0 0.406 58.7	-53.6 -1.8 53.7	182	0.0 1.0 0.395 58.7	-53.9 -0.8 54.0	181	0.0 1.0 0.517	0.0 1.0 0.509 59.4	-50.0 -9.6 51.1	191 0.0 1.0 0.517
183	182	191	0.0	1.0 0.418 58.8	-53.2 -2.7 53.4	183	0.0 1.0 0.406 58.7	-53.6 -1.8 53.7	182	0.0 1.0 0.533	0.0 1.0 0.509 59.4	-50.0 -9.6 51.1	191 0.0 1.0 0.533
184	183	192	0.0	1.0 0.429 58.9	-52.8 -3.6 53.1	184	0.0 1.0 0.418 58.8	-53.2 -2.7 53.4	183	0.0 1.0 0.55	0.0 1.0 0.52 59.5	-49.7 -10.5 50.9	192 0.0 1.0 0.55
185	184	193	0.0	1.0 0.441 59.0	-52.5 -4.5 52.8	185	0.0 1.0 0.429 58.9	-52.8 -3.6 53.1	184	0.0 1.0 0.567	0.0 1.0 0.531 59.5	-49.3 -11.3 50.7	193 0.0 1.0 0.567
186	185	194	0.0	1.0 0.452 59.0	-52.1 -5.4 52.5	186	0.0 1.0 0.441 59.0	-52.5 -4.5 52.8	185	0.0 1.0 0.583	0.0 1.0 0.542 59.6	-49.0 -12.1 50.6	194 0.0 1.0 0.583
187	186	195	0.0	1.0 0.463 59.1	-51.7 -6.3 52.2	187	0.0 1.0 0.452 59.0	-52.1 -5.4 52.5	186	0.0 1.0 0.6	0.0 1.0 0.553 59.7	-48.6 -13.0 50.4	195 0.0 1.0 0.6
188	187	196	0.0	1.0 0.475 59.2	-51.2 -7.1 51.8	188	0.0 1.0 0.463 59.1	-51.7 -6.3 52.2	187	0.0 1.0 0.617	0.0 1.0 0.564 59.7	-48.2 -13.8 50.3	196 0.0 1.0 0.617
189	188	197	0.0	1.0 0.486 59.3	-50.8 -8.0 51.5	189	0.0 1.0 0.475 59.2	-51.2 -7.1 51.8	188	0.0 1.0 0.633	0.0 1.0 0.575 59.8	-47.8 -14.6 50.1	197 0.0 1.0 0.633
190	189	198	0.0	1.0 0.498 59.3	-50.4 -8.8 51.2	190	0.0 1.0 0.486 59.3	-50.8 -8.0 51.5	189	0.0 1.0 0.65	0.0 1.0 0.586 59.8	-47.4 -15.3 50.0	198 0.0 1.0 0.65
191	190	199	0.0	1.0 0.509 59.4	-50.0 -9.6 51.1	191	0.0 1.0 0.498 59.3	-50.4 -8.8 51.2	190	0.0 1.0 0.667	0.0 1.0 0.597 59.9	-47.0 -16.1 49.8	199 0.0 1.0 0.667
192	191	200	0.0	1.0 0.52 59.5	-49.7 -10.5 50.9	192	0.0 1.0 0.509 59.4	-50.0 -9.6 51.1	191	0.0 1.0 0.683	0.0 1.0 0.608 60.0	-46.6 -16.9 49.7	200 0.0 1.0 0.683
193	192	201	0.0	1.0 0.531 59.5	-49.3 -11.3 50.7	193	0.0 1.0 0.52 59.5	-49.7 -10.5 50.9	192	0.0 1.0 0.7	0.0 1.0 0.619 60.0	-46.1 -17.6 49.5	201 0.0 1.0 0.7
194	193	201	0.0	1.0 0.542 59.6	-49.0 -12.1 50.6	194	0.0 1.0 0.531 59.5	-49.3 -11.3 50.7	193	0.0 1.0 0.717	0.0 1.0 0.619 60.0	-46.1 -17.6 49.5	201 0.0 1.0 0.717
195	194	202	0.0	1.0 0.553 59.7	-48.6 -13.0 50.4	195	0.0 1.0 0.542 59.6	-49.0 -12.1 50.6	194	0.0 1.0 0.733	0.0 1.0 0.63 60.1	-45.7 -18.4 49.4	202 0.0 1.0 0.733
196	195	203	0.0	1.0 0.564 59.7	-48.2 -13.8 50.3	196	0.0 1.0 0.553 59.7	-48.6 -13.0 50.4	195	0.0 1.0 0.75	0.0 1.0 0.64 60.2	-45.3 -19.2 49.4	203 0.0 1.0 0.75
197	196	204	0.0	1.0 0.575 59.8	-47.8 -14.6 50.1	197	0.0 1.0 0.564 59.7	-48.2 -13.8 50.3	196	0.0 1.0 0.767	0.0 1.0 0.651 60.3	-45.0 -20.0 49.3	204 0.0 1.0 0.767
198	197	205	0.0	1.0 0.586 59.8	-47.4 -15.3 50.0	198	0.0 1.0 0.575 59.8	-47.8 -14.6 50.1	197	0.0 1.0 0.783	0.0 1.0 0.662 60.3	-44.6 -20.7 49.3	205 0.0 1.0 0.783
199	198	206	0.0	1.0 0.597 59.9	-47.0 -16.1 49.8	199	0.0 1.0 0.586 59.8	-47.4 -15.3 50.0	198	0.0 1.0 0.8	0.0 1.0 0.672 60.4	-44.2 -21.5 49.2	206 0.0 1.0 0.8
200	199	207	0.0	1.0 0.608 60.0	-46.6 -16.9 49.7	200	0.0 1.0 0.597 59.9	-47.0 -16.1 49.8	199	0.0 1.0 0.817	0.0 1.0 0.683 60.5	-43.7 -22.2 49.2	207 0.0 1.0 0.817
201	200	208	0.0	1.0 0.619 60.0	-46.1 -17.6 49.5	201	0.0 1.0 0.608 60.0	-46.6 -16.9 49.7	200	0.0 1.0 0.833	0.0 1.0 0.694 60.6	-43.3 -23.0 49.2	208 0.0 1.0 0.833
202	201	209	0.0	1.0 0.63 60.1	-45.7 -18.4 49.4	202	0.0 1.0 0.619 60.0	-46.1 -17.6 49.5	201	0.0 1.0 0.85	0.0 1.0 0.704 60.6	-42.9 -23.7 49.1	209 0.0 1.0 0.85
203	202	210	0.0	1.0 0.64 60.2	-45.3 -19.2 49.4	203	0.0 1.0 0.63 60.1	-45.7 -18.4 49.4	202	0.0 1.0 0.867	0.0 1.0 0.715 60.7	-42.4 -24.4 49.1	210 0.0 1.0 0.867
204	203	211	0.0	1.0 0.651 60.3	-45.0 -20.0 49.3	204	0.0 1.0 0.64 60.2	-45.3 -19.2 49.4	203	0.0 1.0 0.883	0.0 1.0 0.726 60.8	-41.9 -25.2 49.0	211 0.0 1.0 0.883
205	204	212	0.0	1.0 0.662 60.3	-44.6 -20.7 49.3	205	0.0 1.0 0.651 60.3	-45.0 -20.0 49.3	204	0.0 1.0 0.9	0.0 1.0 0.736 60.9	-41.4 -25.9 49.0	212 0.0 1.0 0.9
206	205	212	0.0	1.0 0.672 60.4	-44.2 -21.5 49.2	206	0.0 1.0 0.662 60.3	-44.6 -20.7 49.3	205	0.0 1.0 0.917	0.0 1.0 0.736 60.9	-41.4 -25.9 49.0	212 0.0 1.0 0.917
207	206	213	0.0	1.0 0.683 60.5	-43.7 -22.2 49.2	207	0.0 1.0 0.672 60.4	-44.2 -21.5 49.2	206	0.0 1.0 0.933	0.0 1.0 0.747 61.0	-41.0 -26.6 49.0	213 0.0 1.0 0.933
208	207	214	0.0	1.0 0.694 60.6	-43.3 -23.0 49.2	208	0.0 1.0 0.683 60.5	-43.7 -22.2 49.2	207	0.0 1.0 0.95	0.0 1.0 0.759 61.1	-40.5 -27.3 49.0	214 0.0 1.0 0.95
209	208	215	0.0	1.0 0.704 60.6	-42.9 -23.7 49.1	209	0.0 1.0 0.694 60.6	-43.3 -23.0 49.2	208	0.0 1.0 0.967	0.0 1.0 0.771 61.2	-40.1 -28.1 49.1	215 0.0 1.0 0.967
210	209	216	0.0	1.0 0.715 60.7	-42.4 -24.4 49.1	210	0.0 1.0 0.704 60.6	-42.9 -23.7 49.1	209	0.0 1.0 0.983	0.0 1.0 0.784 61.3	-39.7 -28.8 49.2	216 0.0 1.0 0.983
211	210	217	0.0	1.0 0.726 60.8	-41.9 -25.2 49.0	211	0.0 1.0 0.715 60.7	-42.4 -24.4 49.1	210	0.0 1.0 1.0C _s	0.0 1.0 0.796 61.4	-39.2 -29.5 49.2	217 0.0 1.0 1.0C _e

OE370-7N, Page of series 6/20, RX0, D65, XYZnw=3.4, 3.5, 3.7, 85.8, 90.7, 95.4, LAB*_{nw}=22.0, 0.3, 0.6, 96.3, -0.7, 2.2, not adapted

Output: Offset print ORS40_18_96; separation cmyn6*, D65 and D50, page 6/20

TUB-test chart OE37; 48 and 360 step hue circles, Page 6/20
Data of Offset print ORS40_18_96, separation cmyn6*, D65 and D50

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

TUB registration: 20110301-OE37/OE37L0NA.TXT /PS
application for measurement of printer or monitor systems

TUB material: code=rha4ta

See original or copy: <http://web.me.com/klaus.richter/OE37/OE37L0NA.TXT> /PS
Technical information: <http://www.ps.bam.de> or <http://130.149.60.45/~farbmetrik>

Data of Maximum color M in colorimetric system Offset print ORS40_18_96; separation cmyn6*, D65 and D50 for input or output; Six hue angles of the 60 degree standard colours s: $h_{ab,s} = 30.0, 90.0, 150.0, 210.0, 270.0, 330.0$; Six hue angles of the device colours d: $h_{ab,d} = 31.4, 96.2, 152.6, 233.9, 298.6, 353.1$; Six hue angles of the elementary colours e: $h_{ab,e} = 25.5, 92.3, 162.2, 217.0, 271.7, 328.6$											
$h_{ab,d}$	$h_{ab,s}$	$h_{ab,e}$	rgb^*_d	rgb^*_s	rgb^*_e	LAB^*_d	LAB^*_s	LAB^*_e	$ds361Mi$	$ds361Mix$	$ds361Ch$
211	210	217	0.0	1.0	0.726	60.8	-41.9	-25.2	49.0	211	0.0
212	211	218	0.0	1.0	0.736	60.9	-41.4	-25.9	49.0	212	0.0
213	212	219	0.0	1.0	0.747	61.0	-41.0	-26.6	49.0	213	0.0
214	213	220	0.0	1.0	0.759	61.1	-40.5	-27.3	49.0	214	0.0
215	214	221	0.0	1.0	0.771	61.2	-40.1	-28.1	49.1	215	0.0
216	215	222	0.0	1.0	0.784	61.3	-39.7	-28.8	49.2	216	0.0
217	216	222	0.0	1.0	0.796	61.4	-39.2	-29.5	49.2	217	0.0
218	217	223	0.0	1.0	0.809	61.5	-38.8	-30.3	49.3	218	0.0
219	218	224	0.0	1.0	0.821	61.6	-38.3	-31.0	49.4	219	0.0
220	219	225	0.0	1.0	0.834	61.7	-37.8	-31.7	49.5	220	0.0
221	220	226	0.0	1.0	0.846	61.8	-37.3	-32.4	49.6	221	0.0
222	221	227	0.0	1.0	0.859	61.9	-36.8	-33.1	49.7	222	0.0
223	222	228	0.0	1.0	0.871	62.0	-36.3	-33.8	49.7	223	0.0
224	223	229	0.0	1.0	0.883	62.1	-35.8	-34.6	49.9	224	0.0
225	224	230	0.0	1.0	0.895	62.2	-35.3	-35.3	50.1	225	0.0
226	225	231	0.0	1.0	0.907	62.3	-34.9	-36.1	50.3	226	0.0
227	226	232	0.0	1.0	0.918	62.4	-34.4	-36.9	50.5	227	0.0
228	227	232	0.0	1.0	0.93	62.5	-33.9	-37.6	50.8	228	0.0
229	228	233	0.0	1.0	0.942	62.6	-33.3	-38.4	51.0	229	0.0
230	229	234	0.0	1.0	0.954	62.7	-32.8	-39.1	51.2	230	0.0
231	230	235	0.0	1.0	0.966	62.8	-32.2	-39.8	51.4	231	0.0
232	231	236	0.0	1.0	0.977	62.9	-31.7	-40.6	51.6	232	0.0
233	232	237	0.0	1.0	0.989	63.0	-31.1	-41.3	51.8	233	0.0
234	233	238	0.0	0.998	1.0	63.0	-30.4	-41.9	52.0	234	0.0
235	234	239	0.0	0.976	1.0	62.3	-29.5	-42.1	51.5	235	0.0
236	235	240	0.0	0.954	1.0	61.7	-28.5	-42.3	51.1	236	0.0
237	236	241	0.0	0.931	1.0	61.0	-27.5	-42.4	50.7	237	0.0
238	237	242	0.0	0.909	1.0	60.3	-26.5	-42.5	50.2	238	0.0
239	238	243	0.0	0.887	1.0	59.6	-25.5	-42.6	49.8	239	0.0
240	239	243	0.0	0.865	1.0	58.9	-24.6	-42.7	49.4	240	0.0
241	240	244	0.0	0.845	1.0	58.2	-23.7	-42.8	49.1	241	0.0
242	241	245	0.0	0.824	1.0	57.6	-22.8	-42.9	48.7	242	0.0
243	242	246	0.0	0.803	1.0	56.9	-21.9	-43.0	48.4	243	0.0
244	243	247	0.0	0.782	1.0	56.3	-21.0	-43.1	48.0	244	0.0
245	244	248	0.0	0.761	1.0	55.6	-20.1	-43.1	47.7	245	0.0
246	245	249	0.0	0.743	1.0	55.0	-19.2	-43.2	47.4	246	0.0
247	246	250	0.0	0.727	1.0	54.4	-18.3	-43.3	47.2	247	0.0
248	247	251	0.0	0.712	1.0	53.8	-17.5	-43.5	47.0	248	0.0
249	248	252	0.0	0.696	1.0	53.2	-16.7	-43.6	46.8	249	0.0
250	249	253	0.0	0.68	1.0	52.6	-15.8	-43.7	46.6	250	0.0
251	250	253	0.0	0.665	1.0	52.0	-15.0	-43.7	46.4	251	0.0
252	251	254	0.0	0.649	1.0	51.4	-14.2	-43.8	46.1	252	0.0
253	252	255	0.0	0.633	1.0	50.8	-13.3	-43.8	45.9	253	0.0
254	253	256	0.0	0.619	1.0	50.2	-12.5	-43.9	45.8	254	0.0
255	254	257	0.0	0.605	1.0	49.7	-11.7	-44.0	45.7	255	0.0
256	255	258	0.0	0.591	1.0	49.2	-10.9	-44.1	45.6	256	0.0

OE370-7N, Page of series 7/20, RX0, D65, XYZnw=3.4, 3.5, 3.7, 85.8, 90.7, 95.4, LAB*nw=22.0, 0.3, 0.6, 96.3, -0.7, 2.2, not adapted

TUB-test chart OE37; 48 and 360 step hue circles, Page 7/20
Data of Offset print ORS40_18_96, separation cmyn6*, D65 and D50

Output: Offset print ORS40_18_96; separation cmyn6*, D65 and D50, page 7/20

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

TUB registration: 20110301-OE37/OE37L0NA.TXT /PS
application for measurement of printer or monitor systems

TUB material: code=rha4ta

See original or copy: <http://web.me.com/klaus.richter/OE37/OE37L0NA.TXT> /PS
Technical information: <http://www.ps.bam.de> or <http://130.149.60.45/~farbmetrik>

Data of Maximum color M in colorimetric system Offset print ORS40_18_96; separation cmyn6*, D65 and D50 for input or output; Six hue angles of the 60 degree standard colours s: $h_{ab,s} = 30.0, 90.0, 150.0, 210.0, 270.0, 330.0$;																											
Six hue angles of the device colours d: $h_{ab,d} = 31.4, 96.2, 152.6, 233.9, 298.6, 353.1$; Six hue angles of the elementary colours e: $h_{ab,e} = 25.5, 92.3, 162.2, 217.0, 271.7, 328.6$																											
$h_{ab,d}$	$h_{ab,s}$	$h_{ab,e}$	rgb^*_d	$dd361Mi$	LAB^*_d	$dd361Mix$ (x=LabCh)	rgb^*_s	$ds361Mi$	LAB^*_s	$ds361Mix$ (x=LabCh)	rgb^*_e	$s50M$	rgb^*_e	$de361Mi$	LAB^*_e	$de361Mix$ (x=LabCh)	rgb^*_e	$e50M$	rgb^*_d	rgb^*_s	rgb^*_e						
256	255	258	0.0	0.591	1.0	49.2 -10.9 -44.1 45.6	256	0.0	0.605	1.0	49.7 -11.7 -44.0 45.7	255	0.0	0.25	1.0	0.0	0.563	1.0	48.1 -9.3 -44.3 45.4	258	0.0	0.25	1.0				
257	256	259	0.0	0.577	1.0	48.6 -10.1 -44.2 45.5	257	0.0	0.591	1.0	49.2 -10.9 -44.1 45.6	256	0.0	0.233	1.0	0.0	0.549	1.0	47.6 -8.5 -44.4 45.3	259	0.0	0.233	1.0				
258	257	260	0.0	0.563	1.0	48.1 -9.3 -44.3 45.4	258	0.0	0.577	1.0	48.6 -10.1 -44.2 45.5	257	0.0	0.217	1.0	0.0	0.535	1.0	47.1 -7.8 -44.4 45.2	260	0.0	0.217	1.0				
259	258	261	0.0	0.549	1.0	47.6 -8.5 -44.4 45.3	259	0.0	0.563	1.0	48.1 -9.3 -44.3 45.4	258	0.0	0.2	1.0	0.0	0.521	1.0	46.5 -7.0 -44.5 45.1	261	0.0	0.2	1.0				
260	259	262	0.0	0.535	1.0	47.1 -7.8 -44.4 45.2	260	0.0	0.549	1.0	47.6 -8.5 -44.4 45.3	259	0.0	0.183	1.0	0.0	0.507	1.0	46.0 -6.2 -44.5 45.0	262	0.0	0.183	1.0				
261	260	263	0.0	0.521	1.0	46.5 -7.0 -44.5 45.1	261	0.0	0.535	1.0	47.1 -7.8 -44.4 45.2	260	0.0	0.167	1.0	0.0	0.494	1.0	45.5 -5.4 -44.5 45.0	263	0.0	0.167	1.0				
262	261	264	0.0	0.507	1.0	46.0 -6.2 -44.5 45.0	262	0.0	0.521	1.0	46.5 -7.0 -44.5 45.1	261	0.0	0.15	1.0	0.0	0.482	1.0	45.0 -4.6 -44.6 45.0	264	0.0	0.15	1.0				
263	262	264	0.0	0.494	1.0	45.5 -5.4 -44.5 45.0	263	0.0	0.507	1.0	46.0 -6.2 -44.5 45.0	262	0.0	0.133	1.0	0.0	0.482	1.0	45.0 -4.6 -44.6 45.0	264	0.0	0.133	1.0				
264	263	265	0.0	0.482	1.0	45.0 -4.6 -44.6 45.0	264	0.0	0.494	1.0	45.5 -5.4 -44.5 45.0	263	0.0	0.117	1.0	0.0	0.47	1.0	44.5 -3.8 -44.7 45.0	265	0.0	0.117	1.0				
265	264	266	0.0	0.47	1.0	44.5 -3.8 -44.7 45.0	265	0.0	0.482	1.0	45.0 -4.6 -44.6 45.0	264	0.0	0.1	1.0	0.0	0.458	1.0	44.1 -3.0 -44.8 45.0	266	0.0	0.1	1.0				
266	265	267	0.0	0.458	1.0	44.1 -3.0 -44.8 45.0	266	0.0	0.47	1.0	44.5 -3.8 -44.7 45.0	265	0.0	0.083	1.0	0.0	0.446	1.0	43.6 -2.3 -44.9 45.0	267	0.0	0.083	1.0				
267	266	268	0.0	0.446	1.0	43.6 -2.3 -44.9 45.0	267	0.0	0.458	1.0	44.1 -3.0 -44.8 45.0	266	0.0	0.067	1.0	0.0	0.434	1.0	43.1 -1.5 -44.9 45.0	268	0.0	0.067	1.0				
268	267	269	0.0	0.434	1.0	43.1 -1.5 -44.9 45.0	268	0.0	0.446	1.0	43.6 -2.3 -44.9 45.0	267	0.0	0.05	1.0	0.0	0.422	1.0	42.6 -0.7 -44.9 45.0	269	0.0	0.05	1.0				
269	268	270	0.0	0.422	1.0	42.6 -0.7 -44.9 45.0	269	0.0	0.434	1.0	43.1 -1.5 -44.9 45.0	268	0.0	0.033	1.0	0.0	0.41	1.0	42.2 0.0 -45.0 45.1	270	0.0	0.033	1.0				
270	269	271	0.0	0.41	1.0	42.2 0.0 -45.0 45.1	270	0.0	0.422	1.0	42.6 -0.7 -44.9 45.0	269	0.0	0.017	1.0	0.0	0.398	1.0	41.7 0.8 -45.0 45.1	271	0.0	0.017	1.0				
271	270	272	0.0	0.398	1.0	41.7 0.8 -45.0 45.1	271	0.0	0.41	1.0	42.2 0.0 -45.0 45.1	270	0.0	0.0	1.0B _s	0.0	0.386	1.0	41.2 1.6 -45.0 45.1	272	0.0	0.0	1.0B _e				
272	271	273	0.0	0.386	1.0	41.2 1.6 -45.0 45.1	272	0.0	0.398	1.0	41.7 0.8 -45.0 45.1	271	0.017	0.0	1.0	0.0	0.374	1.0	40.7 2.4 -44.9 45.1	273	0.017	0.0	1.0				
273	272	274	0.0	0.374	1.0	40.7 2.4 -44.9 45.1	273	0.0	0.386	1.0	41.2 1.6 -45.0 45.1	272	0.033	0.0	1.0	0.0	0.359	1.0	40.2 3.2 -45.1 45.3	274	0.033	0.0	1.0				
274	273	275	0.0	0.359	1.0	40.2 3.2 -45.1 45.3	274	0.0	0.374	1.0	40.7 2.4 -44.9 45.1	273	0.05	0.0	1.0	0.0	0.344	1.0	39.7 4.0 -45.3 45.5	275	0.05	0.0	1.0				
275	274	276	0.0	0.344	1.0	39.7 4.0 -45.3 45.5	275	0.0	0.359	1.0	40.2 3.2 -45.1 45.3	274	0.067	0.0	1.0	0.0	0.329	1.0	39.2 4.8 -45.4 45.7	276	0.067	0.0	1.0				
276	275	276	0.0	0.329	1.0	39.2 4.8 -45.4 45.7	276	0.0	0.344	1.0	39.7 4.0 -45.3 45.5	275	0.083	0.0	1.0	0.0	0.329	1.0	39.2 4.8 -45.4 45.7	276	0.083	0.0	1.0				
277	276	277	0.0	0.315	1.0	38.7 5.6 -45.5 46.0	277	0.0	0.329	1.0	39.2 4.8 -45.4 45.7	276	0.1	0.0	1.0	0.0	0.315	1.0	38.7 5.6 -45.5 46.0	277	0.1	0.0	1.0				
278	277	278	0.0	0.3	1.0	38.2 6.4 -45.6 46.2	278	0.0	0.315	1.0	38.7 5.6 -45.5 46.0	277	0.117	0.0	1.0	0.0	0.3	1.0	38.2 6.4 -45.6 46.2	278	0.117	0.0	1.0				
279	278	279	0.0	0.285	1.0	37.7 7.3 -45.7 46.4	279	0.0	0.3	1.0	38.2 6.4 -45.6 46.2	278	0.133	0.0	1.0	0.0	0.285	1.0	37.7 7.3 -45.7 46.4	279	0.133	0.0	1.0				
280	279	280	0.0	0.27	1.0	37.2 8.1 -45.8 46.6	280	0.0	0.285	1.0	37.7 7.3 -45.7 46.4	279	0.15	0.0	1.0	0.0	0.27	1.0	37.2 8.1 -45.8 46.6	280	0.15	0.0	1.0				
281	280	281	0.0	0.255	1.0	36.7 8.9 -45.8 46.8	281	0.0	0.27	1.0	37.2 8.1 -45.8 46.6	280	0.167	0.0	1.0	0.0	0.255	1.0	36.7 8.9 -45.8 46.8	281	0.167	0.0	1.0				
282	281	282	0.0	0.24	1.0	36.2 9.8 -45.9 47.1	282	0.0	0.255	1.0	36.7 8.9 -45.8 46.8	281	0.183	0.0	1.0	0.0	0.24	1.0	36.2 9.8 -45.9 47.1	282	0.183	0.0	1.0				
283	282	283	0.0	0.225	1.0	35.7 10.7 -46.1 47.4	283	0.0	0.24	1.0	36.2 9.8 -45.9 47.1	282	0.2	0.0	1.0	0.0	0.225	1.0	35.7 10.7 -46.1 47.4	283	0.2	0.0	1.0				
284	283	284	0.0	0.21	1.0	35.2 11.5 -46.2 47.7	284	0.0	0.225	1.0	35.7 10.7 -46.1 47.4	283	0.217	0.0	1.0	0.0	0.21	1.0	35.2 11.5 -46.2 47.7	284	0.217	0.0	1.0				
285	284	285	0.0	0.195	1.0	34.7 12.4 -46.3 48.0	285	0.0	0.21	1.0	35.2 11.5 -46.2 47.7	284	0.233	0.0	1.0	0.0	0.195	1.0	34.7 12.4 -46.3 48.0	285	0.233	0.0	1.0				
286	285	286	0.0	0.18	1.0	34.3 13.3 -46.3 48.3	286	0.0	0.195	1.0	34.7 12.4 -46.3 48.0	285	0.25	0.0	1.0	0.0	0.18	1.0	34.3 13.3 -46.3 48.3	286	0.25	0.0	1.0				
287	286	287	0.0	0.165	1.0	33.8 14.2 -46.4 48.6	287	0.0	0.18	1.0	34.3 13.3 -46.3 48.3	286	0.267	0.0	1.0	0.0	0.165	1.0	33.8 14.2 -46.4 48.6	287	0.267	0.0	1.0				
288	287	288	0.0	0.15	1.0	33.3 15.1 -46.4 48.9	288	0.0	0.165	1.0	33.8 14.2 -46.4 48.6	287	0.283	0.0	1.0	0.0	0.15	1.0	33.3 15.1 -46.4 48.9	288	0.283	0.0	1.0				
289	288	289	0.0	0.135	1.0	32.8 16.0 -46.5 49.3	289	0.0	0.15	1.0	33.3 15.1 -46.4 48.9	288	0.3	0.0	1.0	0.0	0.135	1.0	32.8 16.0 -46.5 49.3	289	0.3	0.0	1.0				
290	289	290	0.0	0.121	1.0	32.3 17.0 -46.5 49.6	290	0.0	0.135	1.0	32.8 16.0 -46.5 49.3	289	0.317	0.0	1.0	0.0	0.121	1.0	32.3 17.0 -46.5 49.6	290	0.317	0.0	1.0				
291	290	291	0.0	0.107	1.0	31.7 18.0 -46.7 50.1	291	0.0	0.121	1.0	32.3 17.0 -46.5 49.6	290	0.333	0.0	1.0	0.0	0.107	1.0	31.7 18.0 -46.7 50.1	291	0.333	0.0	1.0				
292	291	292	0.0	0.093	1.0	31.2 19.0 -46.8 50.6	292	0.0																			

See original or copy: <http://web.me.com/klaus.richter/OE37/OE37L0NA.TXT> /PS
Technical information: <http://www.ps.bam.de> or <http://130.149.60.45/~farbmetrik>

Data of Maximum color M in colorimetric system Offset print ORS40_18_96; separation cmyn6*, D65 and D50 for input or output; Six hue angles of the 60 degree standard colours s: $h_{ab,s} = 30.0, 90.0, 150.0, 210.0, 270.0, 330.0$;
Six hue angles of the device colours d: $h_{ab,d} = 31.4, 96.2, 152.6, 233.9, 298.6, 353.1$; Six hue angles of the elementary colours e: $h_{ab,e} = 25.5, 92.3, 162.2, 217.0, 271.7, 328.6$

$h_{ab,d}$	$h_{ab,s}$	$h_{ab,e}$	$rgb^*_{dd361Mi}$	$LAB^*_{dd361Mix}(x=LabCh)$	$rgb^*_{ds361Mi}$	$LAB^*_{ds361Mix}(x=LabCh)$	rgb^*_{s50M}	$rgb^*_{de361Mi}$	$LAB^*_{de361Mix}(x=LabCh)$	rgb^*_{e50M}	rgb^*_{dd}	rgb^*_{ds}	rgb^*_{de}
301	300	300	0.03 0.0	1.0 28.1 27.8 -46.2 54.1	301	0.017 0.0 1.0 27.8 27.0 -46.7 54.0	300 0.5 0.0 1.0	0.017 0.0 1.0 27.8 27.0 -46.7 54.0	300 0.5 0.0 1.0	0.017 0.0 1.0 27.8 27.0 -46.7 54.0			
302	301	301	0.042 0.0	1.0 28.3 28.7 -45.8 54.1	302	0.03 0.0 1.0 28.1 27.8 -46.2 54.1	301 0.517 0.0 1.0	0.03 0.0 1.0 28.1 27.8 -46.2 54.1	301 0.517 0.0 1.0	0.03 0.0 1.0 28.1 27.8 -46.2 54.1			
303	302	302	0.055 0.0	1.0 28.5 29.5 -45.3 54.2	303	0.042 0.0 1.0 28.3 28.7 -45.8 54.1	302 0.533 0.0 1.0	0.042 0.0 1.0 28.3 28.7 -45.8 54.1	302 0.533 0.0 1.0	0.042 0.0 1.0 28.3 28.7 -45.8 54.1			
304	303	303	0.068 0.0	1.0 28.7 30.3 -44.9 54.2	304	0.055 0.0 1.0 28.5 29.5 -45.3 54.2	303 0.55 0.0 1.0	0.055 0.0 1.0 28.5 29.5 -45.3 54.2	303 0.55 0.0 1.0	0.055 0.0 1.0 28.5 29.5 -45.3 54.2			
305	304	304	0.08 0.0	1.0 28.9 31.2 -44.4 54.3	305	0.068 0.0 1.0 28.7 30.3 -44.9 54.2	304 0.567 0.0 1.0	0.068 0.0 1.0 28.7 30.3 -44.9 54.2	304 0.567 0.0 1.0	0.068 0.0 1.0 28.7 30.3 -44.9 54.2			
306	305	305	0.093 0.0	1.0 29.2 32.0 -43.9 54.4	306	0.08 0.0 1.0 28.9 31.2 -44.4 54.3	305 0.583 0.0 1.0	0.08 0.0 1.0 28.9 31.2 -44.4 54.3	305 0.583 0.0 1.0	0.08 0.0 1.0 28.9 31.2 -44.4 54.3			
307	306	306	0.106 0.0	1.0 29.4 32.8 -43.4 54.4	307	0.093 0.0 1.0 29.2 32.0 -43.9 54.4	306 0.6 0.0 1.0	0.093 0.0 1.0 29.2 32.0 -43.9 54.4	306 0.6 0.0 1.0	0.093 0.0 1.0 29.2 32.0 -43.9 54.4			
308	307	307	0.118 0.0	1.0 29.6 33.6 -42.8 54.5	308	0.106 0.0 1.0 29.4 32.8 -43.4 54.4	307 0.617 0.0 1.0	0.106 0.0 1.0 29.4 32.8 -43.4 54.4	307 0.617 0.0 1.0	0.106 0.0 1.0 29.4 32.8 -43.4 54.4			
309	308	308	0.132 0.0	1.0 29.8 34.4 -42.3 54.6	309	0.118 0.0 1.0 29.6 33.6 -42.8 54.5	308 0.633 0.0 1.0	0.118 0.0 1.0 29.6 33.6 -42.8 54.5	308 0.633 0.0 1.0	0.118 0.0 1.0 29.6 33.6 -42.8 54.5			
310	309	309	0.146 0.0	1.0 30.0 35.2 -41.8 54.7	310	0.132 0.0 1.0 29.8 34.4 -42.3 54.6	309 0.65 0.0 1.0	0.132 0.0 1.0 29.8 34.4 -42.3 54.6	309 0.65 0.0 1.0	0.132 0.0 1.0 29.8 34.4 -42.3 54.6			
311	310	310	0.161 0.0	1.0 30.2 36.0 -41.3 54.8	311	0.146 0.0 1.0 30.0 35.2 -41.8 54.7	310 0.667 0.0 1.0	0.146 0.0 1.0 30.0 35.2 -41.8 54.7	310 0.667 0.0 1.0	0.146 0.0 1.0 30.0 35.2 -41.8 54.7			
312	311	311	0.176 0.0	1.0 30.4 36.8 -40.7 54.9	312	0.161 0.0 1.0 30.2 36.0 -41.3 54.8	311 0.683 0.0 1.0	0.161 0.0 1.0 30.2 36.0 -41.3 54.8	311 0.683 0.0 1.0	0.161 0.0 1.0 30.2 36.0 -41.3 54.8			
313	312	312	0.19 0.0	1.0 30.6 37.5 -40.2 55.0	313	0.176 0.0 1.0 30.4 36.8 -40.7 54.9	312 0.7 0.0 1.0	0.176 0.0 1.0 30.4 36.8 -40.7 54.9	312 0.7 0.0 1.0	0.176 0.0 1.0 30.4 36.8 -40.7 54.9			
314	313	312	0.205 0.0	1.0 30.8 38.3 -39.6 55.2	314	0.19 0.0 1.0 30.6 37.5 -40.2 55.0	313 0.717 0.0 1.0	0.176 0.0 1.0 30.4 36.8 -40.7 54.9	312 0.717 0.0 1.0	0.176 0.0 1.0 30.4 36.8 -40.7 54.9			
315	314	313	0.219 0.0	1.0 31.0 39.1 -39.0 55.3	315	0.205 0.0 1.0 30.8 38.3 -39.6 55.2	314 0.733 0.0 1.0	0.19 0.0 1.0 30.6 37.5 -40.2 55.0	313 0.733 0.0 1.0	0.19 0.0 1.0 30.6 37.5 -40.2 55.0			
316	315	314	0.234 0.0	1.0 31.1 39.8 -38.4 55.4	316	0.219 0.0 1.0 31.0 39.1 -39.0 55.3	315 0.75 0.0 1.0	0.205 0.0 1.0 30.8 38.3 -39.6 55.2	314 0.75 0.0 1.0	0.205 0.0 1.0 30.8 38.3 -39.6 55.2			
317	316	315	0.248 0.0	1.0 31.3 40.6 -37.7 55.5	317	0.234 0.0 1.0 31.1 39.8 -38.4 55.4	316 0.767 0.0 1.0	0.219 0.0 1.0 31.0 39.1 -39.0 55.3	315 0.767 0.0 1.0	0.219 0.0 1.0 31.0 39.1 -39.0 55.3			
318	317	316	0.271 0.0	1.0 32.0 41.4 -37.2 55.7	318	0.248 0.0 1.0 31.3 40.6 -37.7 55.5	317 0.783 0.0 1.0	0.234 0.0 1.0 31.1 39.8 -38.4 55.4	316 0.783 0.0 1.0	0.234 0.0 1.0 31.1 39.8 -38.4 55.4			
319	318	317	0.295 0.0	1.0 32.8 42.2 -36.5 55.9	319	0.271 0.0 1.0 32.0 41.4 -37.2 55.7	318 0.8 0.0 1.0	0.248 0.0 1.0 31.3 40.6 -37.7 55.5	317 0.8 0.0 1.0	0.248 0.0 1.0 31.3 40.6 -37.7 55.5			
320	319	318	0.319 0.0	1.0 33.6 42.9 -35.9 56.0	320	0.295 0.0 1.0 32.8 42.2 -36.5 55.9	319 0.817 0.0 1.0	0.271 0.0 1.0 32.0 41.4 -37.2 55.7	318 0.817 0.0 1.0	0.271 0.0 1.0 32.0 41.4 -37.2 55.7			
321	320	319	0.343 0.0	1.0 34.4 43.7 -35.3 56.2	321	0.319 0.0 1.0 33.6 42.9 -35.9 56.0	320 0.833 0.0 1.0	0.295 0.0 1.0 32.8 42.2 -36.5 55.9	319 0.833 0.0 1.0	0.295 0.0 1.0 32.8 42.2 -36.5 55.9			
322	321	320	0.367 0.0	1.0 35.2 44.4 -34.6 56.4	322	0.343 0.0 1.0 34.4 43.7 -35.3 56.2	321 0.85 0.0 1.0	0.319 0.0 1.0 33.6 42.9 -35.9 56.0	320 0.85 0.0 1.0	0.319 0.0 1.0 33.6 42.9 -35.9 56.0			
323	322	321	0.384 0.0	1.0 35.7 45.3 -34.0 56.7	323	0.367 0.0 1.0 35.2 44.4 -34.6 56.4	322 0.867 0.0 1.0	0.343 0.0 1.0 34.4 43.7 -35.3 56.2	321 0.867 0.0 1.0	0.343 0.0 1.0 34.4 43.7 -35.3 56.2			
324	323	322	0.398 0.0	1.0 36.0 46.2 -33.4 57.1	324	0.384 0.0 1.0 35.7 45.3 -34.0 56.7	323 0.883 0.0 1.0	0.367 0.0 1.0 35.2 44.4 -34.6 56.4	322 0.883 0.0 1.0	0.367 0.0 1.0 35.2 44.4 -34.6 56.4			
325	324	323	0.411 0.0	1.0 36.3 47.0 -32.8 57.4	325	0.398 0.0 1.0 36.0 46.2 -33.4 57.1	324 0.9 0.0 1.0	0.384 0.0 1.0 35.7 45.3 -34.0 56.7	323 0.9 0.0 1.0	0.384 0.0 1.0 35.7 45.3 -34.0 56.7			
326	325	324	0.425 0.0	1.0 36.6 47.9 -32.2 57.8	326	0.411 0.0 1.0 36.3 47.0 -32.8 57.4	325 0.917 0.0 1.0	0.398 0.0 1.0 36.0 46.2 -33.4 57.1	324 0.917 0.0 1.0	0.398 0.0 1.0 36.0 46.2 -33.4 57.1			
327	326	325	0.438 0.0	1.0 37.0 48.8 -31.6 58.2	327	0.425 0.0 1.0 36.6 47.9 -32.2 57.8	326 0.933 0.0 1.0	0.411 0.0 1.0 36.3 47.0 -32.8 57.4	325 0.933 0.0 1.0	0.411 0.0 1.0 36.3 47.0 -32.8 57.4			
328	327	326	0.452 0.0	1.0 37.3 49.6 -30.9 58.5	328	0.438 0.0 1.0 37.0 48.8 -31.6 58.2	327 0.95 0.0 1.0	0.425 0.0 1.0 36.6 47.9 -32.2 57.8	326 0.95 0.0 1.0	0.425 0.0 1.0 36.6 47.9 -32.2 57.8			
329	328	327	0.465 0.0	1.0 37.6 50.5 -30.2 58.9	329	0.452 0.0 1.0 37.3 49.6 -30.9 58.5	328 0.967 0.0 1.0	0.438 0.0 1.0 37.0 48.8 -31.6 58.2	327 0.967 0.0 1.0	0.438 0.0 1.0 37.0 48.8 -31.6 58.2			
330	329	328	0.479 0.0	1.0 37.9 51.3 -29.5 59.2	330	0.465 0.0 1.0 37.6 50.5 -30.2 58.9	329 0.983 0.0 1.0	0.452 0.0 1.0 37.3 49.6 -30.9 58.5	328 0.983 0.0 1.0	0.452 0.0 1.0 37.3 49.6 -30.9 58.5			
331	330	329	0.492 0.0	1.0 38.3 52.1 -28.8 59.6	331	0.479 0.0 1.0 37.9 51.3 -29.5 59.2	330 1.0 0.0 1.0M _s	0.465 0.0 1.0 37.6 50.5 -30.2 58.9	329 1.0 0.0 1.0M _e	0.465 0.0 1.0 37.6 50.5 -30.2 58.9			
332	331	330	0.507 0.0	1.0 38.6 53.0 -28.1 60.0	332	0.492 0.0 1.0 38.3 52.1 -28.8 59.6	331 1.0 0.0 0.983	0.479 0.0 1.0 37.9 51.3 -29.5 59.2	330 1.0 0.0 0.983	0.479 0.0 1.0 37.9 51.3 -29.5 59.2			
333	332	331	0.523 0.0	1.0 38.9 53.8 -27.3 60.4	333	0.507 0.0 1.0 38.6 53.0 -28.1 60.0	332 1.0 0.0 0.967	0.492 0.0 1.0 38.3 52.1 -28.8 59.6	331 1.0 0.0 0.967	0.492 0.0 1.0 38.3 52.1 -28.8 59.6			
334	333	331	0.539 0.0	1.0 39.3 54.7 -26.6 60.8	334	0.523 0.0 1.0 38.9 53.8 -27.3 60.4	333 1.0 0.0 0.95	0.492 0.0 1.0 38.3 52.1 -28.8 59.6	331 1.0 0.0 0.95	0.492 0.0 1.0 38.3 52.1 -28.8 59.6			
335	334	332	0.555 0.0	1.0 39.6 55.5 -25.8 61.3	335	0.539 0.0 1.0 39.3 54.7 -26.6 60.8	334 1.0 0.0 0.933	0.507 0.0 1.0 38.6 53.0 -28.1 60.0	332 1.0 0.0 0.933	0.507 0.0 1.0 38.6 53.0 -28.1 60.0			
336	335	333	0.571 0.0	1.0 39.9 56.4 -25.0 61.7	336	0.555 0.0 1.0 39.6 55.5 -25.8 61.3	335 1.0 0.0 0.917	0.523 0.0 1.0 38.9 53.8 -27.3 60.4	333 1.0 0.0 0.917	0.523 0.0 1.0 38.9 53.8 -27.3 60.4			
337	336	334	0.587 0.0	1.0 40.3 57.2 -24.2 62.1	337	0.571 0.0 1.0 39.9 56.4 -25.0 61.7	336 1.0 0.0 0.9	0.539 0.0 1.0 39.3 54.7 -26.6 60.8	334 1.0 0.0 0.9	0.539 0.0 1.0 39.3 54.7 -26.6 60.8			
338	337	335	0.603 0.0	1.0 40.6 58.0 -23.3 62.5	338	0.587 0.0 1.0 40.3 57.2 -24.2 62.1	337 1.0 0.0 0.883	0.555 0.0 1.0 39.6 55.5 -25.8 61.3	335 1.0 0.0 0.883	0.555 0.0 1.0 39.6 55.5 -25.8 61.3			
339	338	336	0.619 0.0	1.0 40.9 58.8 -22.5 63.0	339	0.603 0.0 1.0 40.6 58.0 -23.3 62.5	338 1.0 0.0 0.867	0.571 0.0 1.0 39.9 56.4 -25.0 61.7	336 1.0 0.0 0.867	0.571 0.0 1.0 39.9 56.4 -25.0 61.7			
340	339	337	0.643 0.0	1.0 41.6 59.7 -21.6 63.5	340	0.619 0.0 1.0 40.9 58.8 -22.5 63.0	339 1.0 0.0 0.85	0.587 0.0 1.0 40.3 57.2 -24.2 62.1	337 1.0 0.0 0.85	0.587 0.0 1.0 40.3 57.2 -24.2 62.1			
341	340	338	0.674 0.0	1.0 42.5 60.7 -20.8 64.2	341	0.643 0.0 1.0 41.6 59.7 -21.6 63.5	340 1.0 0.0 0.833	0.603 0.0 1.0 40.6 58.0 -23.3 62.5	338 1.0 0.0 0.833	0.603 0.0 1.0 40.6 58.0 -23.3 62.5			
342	341	339	0.705 0.0	1.0 43.5 61.7 -20.0 64.9	342	0.674 0.0 1.0 42.5 60.7 -20.8 64.2	341 1.0 0.0 0.817	0.619 0.0 1.0 40.9 58.8 -22.5 63.0	339 1.0 0.0 0.817	0.619 0.0 1.0 40.9 58.8 -22.5 63.0			
343	342	340	0.735 0.0	1.0 44.4 62.7 -19.1 65.6	343	0.705 0.0 1.0 43.5 61.7 -20.0 64.9	342 1.0 0.0 0.8	0.643 0.0 1.0 41.6 59.7 -21.6 63.5	340 1.0 0.0 0.8	0.643 0.0 1.0 41.6 59.7 -21.6 63.5			
344	343	341	0.763 0.0	1.0 45.1 63.8 -18.2 66.3	344	0.735 0.0 1.0 44.4 62.7 -19.1 65.6	343 1.0 0.0 0.783	0.674 0.0 1.0 42.5 60.7 -20.8 64.2	341 1.0 0.0 0.783	0.674 0.0 1.0 42.5 60.7 -20.8 64.2			
345	344	342	0.789 0.0	1.0 45.7 64.8 -17.3 67.1	345	0.763 0.0 1.0 45.1 63.8 -18.2 66.3	344 1.0 0.0 0.767	0.705 0.0 1.0 43.5 61.7 -20.0 64.9	342 1.0 0.0 0.767	0.705 0.0 1.0 43.5 61.7 -20.0 64.9			
346	345	343	0.814 0.0	1.0 46.2 65.8 -16.3 67.8	346	0.789 0.0 1.0 45.7 64.8 -17.3 67.1	345 1.0 0.0 0.75	0.735 0.0 1.0 44.4 62.7 -19.1 65.6	343 1.0 0.0 0.75	0.735 0.0 1.0 44.4 62.7 -19.1 65.6			

OE370-7N, Page of series 9/20, RX0, D65, XYZnw=3.4, 3.5, 3.7, 85.8, 90.7, 95.4, LAB*_{nw}=22.0, 0.3, 0.6, 96.3, -0.7, 2.2, not adapted

Output: Offset print ORS40_18_96; separation cmyn6*, D65 and D50, page 9/20

TUB-test chart OE37; 4

See original or copy: <http://web.me.com/klaus.richter/OE37/OE37L0NA.TXT> /PS
Technical information: <http://www.ps.bam.de> or <http://130.149.60.45/~farbmetrik>

Data of Maximum color M in colorimetric system Offset print ORS40_18_96; separation cmyn6*, D65 and D50 for input or output; Six hue angles of the 60 degree standard colours s: $h_{ab,s} = 30.0, 90.0, 150.0, 210.0, 270.0, 330.0$;																																					
Six hue angles of the device colours d: $h_{ab,d} = 31.4, 96.2, 152.6, 233.9, 298.6, 353.1$; Six hue angles of the elementary colours e: $h_{ab,e} = 25.5, 92.3, 162.2, 217.0, 271.7, 328.6$																																					
$h_{ab,d}$	$h_{ab,s}$	$h_{ab,e}$	$rgb^*_{dd361Mi}$				$LAB^*_{dd361Mix}(x=LabCh)$				$rgb^*_{ds361Mi}$				$LAB^*_{ds361Mix}(x=LabCh)$				rgb^*_{s50M}				$rgb^*_{de361Mi}$				$LAB^*_{de361Mix}(x=LabCh)$				rgb^*_{e50M}				rgb^*_{dd}	rgb^*_{ds}	rgb^*_{de}
346	345	343	0.814	0.0	1.0	46.2	65.8	-16.3	67.8	346	0.789	0.0	1.0	45.7	64.8	-17.3	67.1	345	1.0	0.0	0.75	0.735	0.0	1.0	44.4	62.7	-19.1	65.6	343	1.0	0.0	0.75					
347	346	344	0.84	0.0	1.0	46.7	66.9	-15.3	68.6	347	0.814	0.0	1.0	46.2	65.8	-16.3	67.8	346	1.0	0.0	0.733	0.763	0.0	1.0	45.1	63.8	-18.2	66.3	344	1.0	0.0	0.733					
348	347	345	0.865	0.0	1.0	47.3	67.9	-14.3	69.4	348	0.84	0.0	1.0	46.7	66.9	-15.3	68.6	347	1.0	0.0	0.717	0.789	0.0	1.0	45.7	64.8	-17.3	67.1	345	1.0	0.0	0.717					
349	348	346	0.891	0.0	1.0	47.8	69.0	-13.3	70.2	349	0.865	0.0	1.0	47.3	67.9	-14.3	69.4	348	1.0	0.0	0.7	0.814	0.0	1.0	46.2	65.8	-16.3	67.8	346	1.0	0.0	0.7					
350	349	347	0.918	0.0	1.0	48.2	70.1	-12.3	71.2	350	0.891	0.0	1.0	47.8	69.0	-13.3	70.2	349	1.0	0.0	0.683	0.84	0.0	1.0	46.7	66.9	-15.3	68.6	347	1.0	0.0	0.683					
351	350	348	0.945	0.0	1.0	48.7	71.2	-11.2	72.1	351	0.918	0.0	1.0	48.2	70.1	-12.3	71.2	350	1.0	0.0	0.667	0.865	0.0	1.0	47.3	67.9	-14.3	69.4	348	1.0	0.0	0.667					
352	351	349	0.971	0.0	1.0	49.2	72.4	-10.1	73.1	352	0.945	0.0	1.0	48.7	71.2	-11.2	72.1	351	1.0	0.0	0.65	0.891	0.0	1.0	47.8	69.0	-13.3	70.2	349	1.0	0.0	0.65					
353	352	349	0.998	0.0	1.0	49.6	73.5	-8.9	74.0	353M _d	0.971	0.0	1.0	49.2	72.4	-10.1	73.1	352	1.0	0.0	0.633	0.891	0.0	1.0	47.8	69.0	-13.3	70.2	349	1.0	0.0	0.633					
354	353	350	1.0	0.0	0.972	49.6	73.3	-7.6	73.7	354	0.998	0.0	1.0	49.6	73.5	-8.9	74.0	353	1.0	0.0	0.617	0.918	0.0	1.0	48.2	70.1	-12.3	71.2	350	1.0	0.0	0.617					
355	354	351	1.0	0.0	0.941	49.6	73.0	-6.3	73.3	355	1.0	0.0	0.972	49.6	73.3	-7.6	73.7	354	1.0	0.0	0.6	0.945	0.0	1.0	48.7	71.2	-11.2	72.1	351	1.0	0.0	0.6					
356	355	352	1.0	0.0	0.91	49.6	72.7	-5.0	72.9	356	1.0	0.0	0.941	49.6	73.0	-6.3	73.3	355	1.0	0.0	0.583	0.971	0.0	1.0	49.2	72.4	-10.1	73.1	352	1.0	0.0	0.583					
357	356	353	1.0	0.0	0.879	49.5	72.4	-3.7	72.5	357	1.0	0.0	0.91	49.6	72.7	-5.0	72.9	356	1.0	0.0	0.567	0.998	0.0	1.0	49.6	73.5	-8.9	74.0	353	1.0	0.0	0.567					
358	357	354	1.0	0.0	0.846	49.5	72.2	-2.4	72.2	358	1.0	0.0	0.879	49.5	72.4	-3.7	72.5	357	1.0	0.0	0.55	1.0	0.0	0.972	49.6	73.3	-7.6	73.7	354	1.0	0.0	0.55					
359	358	355	1.0	0.0	0.812	49.5	71.9	-1.2	71.9	359	1.0	0.0	0.846	49.5	72.2	-2.4	72.2	358	1.0	0.0	0.533	1.0	0.0	0.941	49.6	73.0	-6.3	73.3	355	1.0	0.0	0.533					
0	359	356	1.0	0.0	0.779	49.5	71.6	0.0	71.6	0	1.0	0.0	0.812	49.5	71.9	-1.2	71.9	359	1.0	0.0	0.517	1.0	0.0	0.91	49.6	72.7	-5.0	72.9	356	1.0	0.0	0.517					
1	360	357	1.0	0.0	0.746	49.4	71.3	1.2	71.3	1	1.0	0.0	0.779	49.5	71.6	0.0	71.6	0	1.0	0.0	0.5	1.0	0.0	0.879	49.5	72.4	-3.7	72.5	357	1.0	0.0	0.5					
2	361	358	1.0	0.0	0.721	49.4	71.0	2.5	71.1	2	1.0	0.0	0.746	49.4	71.3	1.2	71.3	1	1.0	0.0	0.483	1.0	0.0	0.846	49.5	72.2	-2.4	72.2	358	1.0	0.0	0.483					
3	362	359	1.0	0.0	0.696	49.4	70.7	3.7	70.8	3	1.0	0.0	0.721	49.4	71.0	2.5	71.1	2	1.0	0.0	0.467	1.0	0.0	0.812	49.5	71.9	-1.2	71.9	359	1.0	0.0	0.467					
4	363	360	1.0	0.0	0.67	49.4	70.5	4.9	70.6	4	1.0	0.0	0.696	49.4	70.7	3.7	70.8	3	1.0	0.0	0.45	1.0	0.0	0.779	49.5	71.6	0.0	71.6	0	1.0	0.0	0.45					
5	364	361	1.0	0.0	0.645	49.4	70.1	6.1	70.4	5	1.0	0.0	0.67	49.4	70.5	4.9	70.6	4	1.0	0.0	0.433	1.0	0.0	0.746	49.4	71.3	1.2	71.3	1	1.0	0.0	0.433					
6	365	362	1.0	0.0	0.62	49.4	69.9	7.3	70.3	6	1.0	0.0	0.645	49.4	70.1	6.1	70.4	5	1.0	0.0	0.417	1.0	0.0	0.721	49.4	71.0	2.5	71.1	2	1.0	0.0	0.417					
7	366	363	1.0	0.0	0.594	49.3	69.8	8.6	70.3	7	1.0	0.0	0.62	49.4	69.9	7.3	70.3	6	1.0	0.0	0.4	1.0	0.0	0.696	49.4	70.7	3.7	70.8	3	1.0	0.0	0.4					
8	367	364	1.0	0.0	0.569	49.2	69.7	9.8	70.4	8	1.0	0.0	0.594	49.3	69.8	8.6	70.3	7	1.0	0.0	0.383	1.0	0.0	0.67	49.4	70.5	4.9	70.6	4	1.0	0.0	0.383					
9	368	365	1.0	0.0	0.543	49.2	69.6	11.0	70.4	9	1.0	0.0	0.569	49.2	69.7	9.8	70.4	8	1.0	0.0	0.367	1.0	0.0	0.645	49.4	70.1	6.1	70.4	5	1.0	0.0	0.367					
10	369	366	1.0	0.0	0.517	49.1	69.4	12.2	70.5	10	1.0	0.0	0.543	49.2	69.6	11.0	70.4	9	1.0	0.0	0.35	1.0	0.0	0.62	49.4	69.9	7.3	70.3	6	1.0	0.0	0.35					
11	370	367	1.0	0.0	0.492	49.0	69.3	13.5	70.6	11	1.0	0.0	0.517	49.1	69.4	12.2	70.5	10	1.0	0.0	0.333	1.0	0.0	0.594	49.3	69.8	8.6	70.3	7	1.0	0.0	0.333					
12	371	367	1.0	0.0	0.468	49.1	69.1	14.7	70.7	12	1.0	0.0	0.492	49.0	69.3	13.5	70.6	11	1.0	0.0	0.317	1.0	0.0	0.594	49.3	69.8	8.6	70.3	7	1.0	0.0	0.317					
13	372	368	1.0	0.0	0.443	49.1	68.9	15.9	70.8	13	1.0	0.0	0.468	49.1	69.1	14.7	70.7	12	1.0	0.0	0.3	1.0	0.0	0.569	49.2	69.7	9.8	70.4	8	1.0	0.0	0.3					
14	373	369	1.0	0.0	0.419	49.1	68.7	17.1	70.8	14	1.0	0.0	0.443	49.1	68.9	15.9	70.8	13	1.0	0.0	0.283	1.0	0.0	0.543	49.2	69.6	11.0	70.4	9	1.0	0.0	0.283					
15	374	370	1.0	0.0	0.395	49.1	68.5	18.4	70.9	15	1.0	0.0	0.419	49.1	68.7	17.1	70.8	14	1.0	0.0	0.267	1.0	0.0	0.517	49.1	69.4	12.2	70.5	10	1.0	0.0	0.267					
16	375	371	1.0	0.0	0.371	49.1	68.3	19.6	71.0	16	1.0	0.0	0.395	49.1	68.5	18.4	70.9	15	1.0	0.0	0.25	1.0	0.0	0.492	49.0	69.3	13.5	70.6	11	1.0	0.0	0.25					
17	376	372	1.0	0.0	0.351	49.1	68.2	20.8	71.3	17	1.0	0.0	0.371	49.1	68.3	19.6	71.0	16	1.0	0.0	0.233	1.0	0.0	0.468	49.1	69.1	14.7	70.7	12	1.0	0.0	0.233					
18	377	373	1.0	0.0	0.331	49.0	68.0	22.1	71.5	18	1.0	0.0	0.351	49.1	68.2	20.8	71.3	17	1.0	0.0	0.217	1.0	0.0	0.443	49.1	68.9	15.9	70.8	13	1.0	0.0	0.217					
19	378	374	1.0	0.0	0.311	49.0	67.8	23.4	71.7	19	1.0	0.0	0.331	49.0	68.0	22.1	71.5	18	1.0	0.0	0.2	1.0	0.0	0.419	49.1	68.7	17.1	70.8	14	1.0	0.0	0.2					
20	379	375	1.0	0.0	0.291	49.0	67.6	24.6	72.0	20	1.0	0.0	0.311	49.0	67.8	23.4	71.7	19	1.0	0.0	0.183	1.0	0.0	0.395	49.1	68.5	18.4	70.9	15	1.0	0.0	0.183					
21	380	376	1.0	0.0	0.271	49.0	67.4	25.9	72.2	21	1.0	0.0	0.291	49.0	67.6	24.6	72.0	20	1.0	0.0	0.167	1.0	0.0	0.371	49.1	68.3	19.6	71.0	16	1.0	0.0	0.167					
22	381	377	1.0	0.0	0.251	49.0	67.2	27.1	72.4	22	1.0	0.0	0.271	49.0	67.4	25.9	72.2	21	1.0	0.0	0.15	1.0	0.0	0.351	49.1	68.2	20.8	71.3	17	1.0	0.0	0.15					
23	382	378	1.0	0.0	0.226	49.0	67.1	28.5	72.9	23	1.0	0.0	0.251	49.0	67.2	27.1	72.4	22	1.0	0.0	0.133	1.0	0.0	0.331	49.0	68.0	22.1	71.5	18	1.0	0.0	0.133					
24	383	379	1.0	0.0	0.201	48.9	67.0	29.8	73.4	24	1.0	0.0	0.226	49.0	67.1	28.5	72.9	23	1.0	0.0	0.117	1.0	0.0	0.311	49.0	67.8	23.4	71.7	19	1.0	0.0	0.117					
25	384																																				

OE370-7N, Page of series 10/20, RX0, D65, XYZnw=3.4, 3.5, 3.7, 85.8, 90.7, 95.4, LAB*_{nw}=22.0, 0.3, 0.6, 96.3, -0.7, 2.2, not adapted

Output: Offset print ORS40_18_96; separation cmyn6*, D65 and D50, page 10/20

TUB-test chart OE37; 48 and 360 step hue circles, Page 10/20
Data of Offset print ORS40_18_96, separation cmyn6*, D65 and D50

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

TUB registration: 20110301-OE37/OE37L0NA.TXT /PS
application for measurement of printer or monitor systems

TUB material: code=rha4ta

Data of Maximum color M in colorimetric system Offset print ORS40_18_96; separation cmyn6*, D65 and D50 for input or output; Six hue angles of the 60 degree standard colours s : $h_{ab,s} = 30.0, 90.0, 150.0, 210.0, 270.0, 330.0$;
Six hue angles of the device colours d : $h_{ab,d} = 32.3, 92.7, 153.6, 229.1, 292.1, 356.0$; Six hue angles of the elementary colours e : $h_{ab,e} = 25.5, 92.3, 162.2, 217.0, 271.7, 328.6$

$Y=J_d$ Yellow

$LCH^*_d = 90.9 \ 87.8 \ 92.7$

$LAB^*_d = 90.9 \ -4.1 \ 87.7$

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

$L=G_d$ Leaf green

$LCH^*_d = 55.0 \ 70.2 \ 153.6$

$LAB^*_d = 55.0 \ -62.9 \ 31.1$

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

$C=C_d$ Cyan blue

$LCH^*_d = 61.5 \ 59.4 \ 229.0$

$LAB^*_d = 61.5 \ -38.9 \ -44.9$

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

$O=R_d$ Orange red

$LCH^*_d = 50.6 \ 82.2 \ 32.3$

$LAB^*_d = 50.6 \ 69.4 \ 43.9$

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

$M=M_d$ Magenta red

$LCH^*_d = 51.4 \ 74.1 \ 355.9$

$LAB^*_d = 51.4 \ 73.9 \ -5.2$

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

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

$LCH^*_d = 26.8 \ 51.7 \ 292.0$

$LAB^*_d = 26.8 \ 19.4 \ -47.9$

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

J_e Yellow

$LCH^*_e = 90.2 \ 86.9 \ 92.0$

$LAB^*_e = 90.2 \ -3.0 \ 86.9$

$rgb^*_e = 1.0 \ 0.982 \ 0.0$

G_e Green

$LCH^*_e = 55.9 \ 64.3 \ 162.0$

$LAB^*_e = 55.9 \ -61.2 \ 19.9$

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

C_e Blue green

$LCH^*_e = 60.2 \ 56.2 \ 217.0$

$LAB^*_e = 60.2 \ -44.8 \ -33.8$

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

B_e Blue

$LCH^*_e = 35.9 \ 47.3 \ 272.0$

$LAB^*_e = 35.9 \ 1.6 \ -47.2$

$rgb^*_e = 0.0 \ 0.261 \ 1.0$

R_e Red

$LCH^*_e = 50.9 \ 77.0 \ 25.0$

$LAB^*_e = 50.9 \ 69.8 \ 32.5$

$rgb^*_e = 1.0 \ 0.0 \ 0.216$

M_e Blue red

$LCH^*_e = 38.1 \ 56.2 \ 329.0$

$LAB^*_e = 38.1 \ 48.2 \ -28.9$

$rgb^*_e = 0.459 \ 0.0 \ 1.0$

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

$LCH^*_s = 88.3 \ 84.6 \ 90.0$

$LAB^*_s = 88.3 \ 0.0 \ 84.6$

$rgb^*_s = 1.0 \ 0.933 \ 0.0$

G_s Green

$LCH^*_s = 56.7 \ 67.7 \ 150.0$

$LAB^*_s = 56.7 \ -58.6 \ 33.8$

$rgb^*_s = 0.056 \ 1.0 \ 0.0$

R_s Red

$LCH^*_s = 50.7 \ 80.3 \ 30.0$

$LAB^*_s = 50.7 \ 69.5 \ 40.1$

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

M_s Blue red

$LCH^*_s = 38.4 \ 56.6 \ 330.0$

$LAB^*_s = 38.4 \ 49.0 \ -28.3$

$rgb^*_s = 0.47 \ 0.0 \ 1.0$

C_s Blue green

$LCH^*_s = 59.4 \ 55.1 \ 210.0$

$LAB^*_s = 59.4 \ -47.7 \ -27.5$

$rgb^*_s = 0.0 \ 1.0 \ 0.721$

B_s Blue

$LCH^*_s = 36.9 \ 47.2 \ 270.0$

$LAB^*_s = 36.9 \ 0.0 \ -47.2$

$rgb^*_s = 0.0 \ 0.29 \ 1.0$

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

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

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

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

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

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

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

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

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

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

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

6. The values rgb^*_{de} produce the output of the device-independent elementary hues

See original or copy: <http://web.me.com/klaus.richter/OE37/OE37L0NA.TXT> / <http://www.ps.ban.de> or <http://130.149.60.45/~fabdmetrik>

TUB registration: 20110301-OE37/OE37L0NA.TXT/.PS
application for measurement of printer or monitor systems

TUB material: code=rh4ta

Data of Maximum color M in colorimetric system Offset print ORS40_18_96; separation cmyk6*, D65 and D50 for input or output; Six hue angles of the 60 degree standard colours s: $h_{ab,s} = 30.0, 90.0, 150.0, 210.0, 270.0, 330.0$;

$h_{ab,d}$	$h_{ab,s}$	$h_{ab,e}$	$rgb^*_{ds361Mi}$	$LAB^*_{ds361Mix}(x=LabCh)$	$rgb^*_{ds361Mi}$	$LAB^*_{ds361Mix}(x=LabCh)$	rgb^*_{s50M}	$rgb^*_{de361Mi}$	$LAB^*_{de361Mix}(x=LabCh)$	rgb^*_{e50M}	$rgb^*_{de361Mi}$	rgb^*_{ds}	rgb^*_{de}	rgb^*_{ds}	rgb^*_{de}
32	30	25	1.0	0.0	0.01	50.7	69.5	43.4	82.0	32	R_d	1.0	0.0	0.0	0.0
33	31	27	1.0	0.013	0.0	51.1	68.6	44.5	81.7	33		1.0	0.0	0.041	50.7
34	32	28	1.0	0.032	0.0	51.7	67.2	45.3	81.1	34		1.0	0.0	0.041	50.7
35	33	29	1.0	0.051	0.0	52.3	65.9	46.1	80.4	35		1.0	0.0	0.041	50.7
36	34	30	1.0	0.07	0.0	53.0	64.5	46.9	79.7	36		1.0	0.0	0.041	50.7
37	35	31	1.0	0.089	0.0	53.6	63.2	47.6	79.1	37		1.0	0.0	0.041	50.7
38	36	32	1.0	0.108	0.0	54.2	61.8	48.3	78.4	38		1.0	0.0	0.041	50.7
39	37	33	1.0	0.127	0.0	54.8	60.4	48.9	77.8	39		1.0	0.013	0.0	51.1
40	38	34	1.0	0.144	0.0	55.4	59.2	49.7	77.3	40		1.0	0.032	0.0	51.7
41	39	36	1.0	0.161	0.0	56.0	57.9	50.4	76.8	41		1.0	0.07	0.0	53.0
42	40	37	1.0	0.178	0.0	56.6	56.7	51.0	76.3	42		1.0	0.089	0.0	53.6
43	41	38	1.0	0.194	0.0	57.2	55.4	51.7	75.8	43		1.0	0.108	0.0	54.2
44	42	39	1.0	0.211	0.0	57.8	54.1	52.3	75.3	44		1.0	0.127	0.0	54.8
45	43	40	1.0	0.228	0.0	58.4	52.9	52.9	74.8	45		1.0	0.144	0.0	55.4
46	44	41	1.0	0.245	0.0	59.0	51.6	53.4	74.3	46		1.0	0.161	0.0	56.0
47	45	42	1.0	0.259	0.0	59.5	50.4	54.1	73.9	47		1.0	0.178	0.0	56.6
48	46	43	1.0	0.273	0.0	60.1	49.3	54.8	73.7	48		1.0	0.211	0.0	57.8
49	47	44	1.0	0.287	0.0	60.7	48.2	55.5	73.5	49		1.0	0.228	0.0	58.4
50	48	46	1.0	0.3	0.0	61.2	47.1	56.1	73.3	50		1.0	0.245	0.0	59.0
51	49	47	1.0	0.314	0.0	61.8	46.0	56.8	73.0	51		1.0	0.259	0.0	59.5
52	50	48	1.0	0.327	0.0	62.3	44.8	57.4	72.8	52		1.0	0.273	0.0	60.1
53	51	49	1.0	0.341	0.0	62.9	43.7	58.0	72.6	53		1.0	0.287	0.0	60.7
54	52	50	1.0	0.355	0.0	63.5	42.5	58.5	72.4	54		1.0	0.3	0.0	61.2
55	53	51	1.0	0.368	0.0	64.0	41.4	59.1	72.1	55		1.0	0.314	0.0	61.8
56	54	52	1.0	0.382	0.0	64.6	40.3	59.7	72.0	56		1.0	0.327	0.0	62.3
57	55	53	1.0	0.395	0.0	65.2	39.2	60.3	71.9	57		1.0	0.341	0.0	62.9
58	56	54	1.0	0.408	0.0	65.7	38.1	61.0	71.9	58		1.0	0.355	0.0	63.5
59	57	56	1.0	0.421	0.0	66.3	37.0	61.6	71.8	59		1.0			

See original or copy: <http://web.me.com/klaus.richter/OE37/OE37L0NA.TXT> /PS
Technical information: <http://www.ps.bam.de> or <http://130.149.60.45/~farbmetrik>

Data of Maximum color M in colorimetric system Offset print ORS40_18_96; separation cmyn6*, D65 and D50 for input or output; Six hue angles of the 60 degree standard colours s: $h_{ab,s} = 30.0, 90.0, 150.0, 210.0, 270.0, 330.0$;											
Six hue angles of the device colours d: $h_{ab,d} = 32.3, 92.7, 153.6, 229.1, 292.1, 356.0$; Six hue angles of the elementary colours e: $h_{ab,e} = 25.5, 92.3, 162.2, 217.0, 271.7, 328.6$											
$h_{ab,d}$	$h_{ab,s}$	$h_{ab,e}$	rgb^*_d 361Mi	LAB^*_d 361Mix (x=LabCh)	rgb^*_s 361Mi	LAB^*_s 361Mix (x=LabCh)	rgb^*_e 50M	rgb^*_e 361Mi	LAB^*_e 361Mix (x=LabCh)	rgb^*_e 50M	rgb^*_e 361Mi
77	75	76	1.0	0.672 0.0	77.6	16.9 73.4 75.3	77	1.0	0.637 0.0	76.1	19.2 71.8 74.4
78	76	77	1.0	0.689 0.0	78.3	15.8 74.1 75.8	78	1.0	0.654 0.0	76.9	18.1 72.6 74.8
79	77	78	1.0	0.706 0.0	79.1	14.5 74.8 76.2	79	1.0	0.672 0.0	77.6	16.9 73.4 75.3
80	78	79	1.0	0.723 0.0	79.8	13.3 75.6 76.7	80	1.0	0.689 0.0	78.3	15.8 74.1 75.8
81	79	80	1.0	0.74 0.0	80.5	12.1 76.2 77.2	81	1.0	0.706 0.0	79.1	14.5 74.8 76.2
82	80	81	1.0	0.759 0.0	81.3	10.8 77.0 77.8	82	1.0	0.723 0.0	79.8	13.3 75.6 76.7
83	81	82	1.0	0.779 0.0	82.1	9.6 77.9 78.5	83	1.0	0.74 0.0	80.5	12.1 76.2 77.2
84	82	83	1.0	0.8 0.0	82.9	8.3 78.8 79.2	84	1.0	0.759 0.0	81.3	10.8 77.0 77.8
85	83	85	1.0	0.821 0.0	83.8	7.0 79.6 79.9	85	1.0	0.779 0.0	82.1	9.6 77.9 78.5
86	84	86	1.0	0.842 0.0	84.6	5.6 80.4 80.6	86	1.0	0.8 0.0	82.9	8.3 78.8 79.2
87	85	87	1.0	0.863 0.0	85.4	4.3 81.2 81.3	87	1.0	0.821 0.0	83.8	7.0 79.6 79.9
88	86	88	1.0	0.885 0.0	86.3	2.9 82.2 82.2	88	1.0	0.842 0.0	84.6	5.6 80.4 80.6
89	87	89	1.0	0.909 0.0	87.3	1.5 83.4 83.4	89	1.0	0.863 0.0	85.4	4.3 81.2 81.3
90	88	90	1.0	0.934 0.0	88.3	0.0 84.6 84.6	90	1.0	0.885 0.0	86.3	2.9 82.2 82.2
91	89	91	1.0	0.958 0.0	89.3	-1.4 85.8 85.8	91	1.0	0.909 0.0	87.3	1.5 83.4 83.4
92	90	92	1.0	0.983 0.0	90.3	-2.9 86.9 87.0	92	1.0	0.934 0.0	88.3	0.0 84.6 84.6
93	91	93	0.99	1.0 0.0	90.7	-4.5 87.4 87.5	93	1.0	0.958 0.0	89.3	1.5 83.4 83.4
94	92	95	0.957	1.0 0.0	89.6	-5.9 85.9 86.1	94	1.0	0.983 0.0	90.3	-2.9 86.9 87.0
95	93	96	0.923	1.0 0.0	88.6	-7.3 84.5 84.8	95	0.99	1.0 0.0	90.7	-4.5 87.4 87.5
96	94	97	0.89	1.0 0.0	87.5	-8.6 83.1 83.5	96	0.957	1.0 0.0	89.6	-5.9 85.9 86.1
97	95	98	0.855	1.0 0.0	86.4	-9.9 81.8 82.4	97	0.923	1.0 0.0	88.6	-7.3 84.5 84.8
98	96	99	0.82	1.0 0.0	85.3	-11.2 80.7 81.5	98	0.89	1.0 0.0	87.5	-8.6 83.1 83.5
99	97	100	0.785	1.0 0.0	84.2	-12.5 79.6 80.6	99	0.855	1.0 0.0	86.4	-9.9 81.8 82.4
100	98	102	0.75	1.0 0.0	83.2	-13.7 78.5 79.7	100	0.82	1.0 0.0	85.3	-11.2 80.7 81.5
101	99	103	0.732	1.0 0.0	82.4	-14.9 77.0 78.4	101	0.785	1.0 0.0	84.2	-12.5 79.6 80.6
102	100	104	0.714	1.0 0.0	81.6	-15.9 75.4 77.1	102	0.75	1.0 0.0	83.2	-13.7 78.5 79.7
103	101	105	0.696	1.0 0.0	80.9	-17.0 73.9 75.8	103	0.732	1.0 0.0	82.4	-14.9 77.0 78.4
104	102	106	0.678	1.0 0.0	80.1	-17.9 72.3 74.6	104	0.714	1.0 0.0	81.6	-15.9 75.4 77.1
105	103	107	0.66	1.0 0.0	79.3	-18.9 70.8 73.3	105	0.696	1.0 0.0	80.9	-17.0 73.9 75.8
106	104	109	0.642	1.0 0.0	78.6	-19.7 69.2 72.0	106	0.678	1.0 0.0	80.1	-17.9 72.3 74.6
107	105	110	0.624	1.0 0.0	77.8	-20.6 67.7 70.7	107	0.66	1.0 0.0	79.3	-18.9 70.8 73.3
108	106	111	0.607	1.0 0.0	77.2	-21.6 66.8 70.2	108	0.642	1.0 0.0	78.6	-19.7 69.2 72.0
109	107	112	0.589	1.0 0.0	76.6	-22.6 65.9 69.7	109	0.624	1.0 0.0	77.8	-20.6 67.7 70.7
110	108	113	0.572	1.0 0.0	75.9	-23.5 65.0 69.1	110	0.607	1.0 0.0	77.2	-21.6 66.8 70.2
111	109	114	0.554	1.0 0.0	75.3	-24.5 64.0 68.6	111	0.589	1.0 0.0	76.6	-22.6 65.9 69.7
112	110	116	0.537	1.0 0.0	74.6	-25.4 63.1 68.1	112	0.572	1.0 0.0	75.9	-23.5 65.0 69.1
113	111	117	0.519	1.0 0.0	74.0	-26.3 62.1 67.5	113	0.554	1.0 0.0	75.3	-24.5 64.0 68.6
114	112	118	0.502	1.0 0.0	73.4	-27.1 61.2 67.0	114	0.537	1.0 0.0	74.6	-25.4 63.1 68.1
115	113	119	0.486	1.0 0.0	72.8	-28.1 60.4 66.7	115	0.519	1.0 0.0	74.0	-26.3 62.1 67.5
116	114	120	0.47	1.0 0.0	72.2	-29.0 59.7 66.4	116	0.502	1.0 0.0	73.4	-27.1 61.2 67.0
117	115	121	0.455	1.0 0.0	71.6	-29.9 59.0 66.2	117	0.486	1.0 0.0	72.8	-28.1 60.4 66.7
118	116	123	0.439	1.0 0.0	71.0	-30.8 58.2 65.9	118	0.47	1.0 0.0	72.2	-29.0 59.7 66.4
119	117	124	0.424	1.0 0.0	70.4	-31.7 57.4 65.7	119	0.455	1.0 0.0	71.6	-29.9 59.0 66.2
120	118	125	0.408	1.0 0.0	69.8	-32.6 56.6 65.4	120	0.439	1.0 0.0	71.0	-30.8 58.2 65.9
121	119	126	0.393	1.0 0.0	69.2	-33.5 55.8 65.1	121	0.424	1.0 0.0	70.4	-31.7 57.4 65.7
122	120	127	0.377	1.0 0.0	68.6	-34.3 55.0 64.9	122	0.408	1.0 0.0	69.8	-32.6 56.6 65.4

OE370-7N, Page of series 14/20, RX0, D50, XYZnw=3.4, 3.5, 2.8, 87.2, 90.7, 72.4, LAB*nw=22.0, 0.6, 0.5, 96.3, -0.4, 2.2, not adapted

TUB-test chart OE37; 48 and 360 step hue circles, Page 14/20
Data of Offset print ORS40_18_96, separation cmyn6*, D65 and D50

Output: Offset print ORS40_18_96; separation cmyn6*, D65 and D50, page 14/20

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

TUB registration: 20110301-OE37/OE37L0NA.TXT /PS
application for measurement of printer or monitor systems

TUB material: code=rha4ta

See original or copy: <http://web.me.com/klaus.richter/OE37/OE37L0NA.TXT> /PS
Technical information: <http://www.ps.bam.de> or <http://130.149.60.45/~farbmetrik>

Data of Maximum color M in colorimetric system Offset print ORS40_18_96; separation cmyn6*, D65 and D50 for input or output; Six hue angles of the 60 degree standard colours s: $h_{ab,s} = 30.0, 90.0, 150.0, 210.0, 270.0, 330.0$;
Six hue angles of the device colours d: $h_{ab,d} = 32.3, 92.7, 153.6, 229.1, 292.1, 356.0$; Six hue angles of the elementary colours e: $h_{ab,e} = 25.5, 92.3, 162.2, 217.0, 271.7, 328.6$

Lab,d	h _{ab,s}	h _{ab,e}	rgb* _d 361Mi	LAB* _d 361Mix (x=LabCh)	rgb* _s 361Mi	LAB* _s 361Mix (x=LabCh)	rgb* _e 50M	rgb* _e 361Mi	LAB* _e 361Mix (x=LabCh)	rgb* _e 50M	rgb* _d 361Mi	rgb* _s 361Mi	rgb* _e 361Mi
122	120	127	0.377 1.0 0.0	68.6 -34.3 55.0 64.9 122	0.408 1.0 0.0	69.8 -32.6 56.6 65.4 120 0.5 1.0 0.0	0.335 1.0 0.0	66.5 -38.3 50.9 63.7 127 0.5 1.0 0.0	0.335 1.0 0.0	66.5 -38.3 50.9 63.7 127 0.5 1.0 0.0	0.335 1.0 0.0	0.335 1.0 0.0	0.335 1.0 0.0
123	121	128	0.368 1.0 0.0	68.2 -35.1 54.2 64.6 123	0.393 1.0 0.0	69.2 -33.5 55.8 65.1 121 0.483 1.0 0.0	0.327 1.0 0.0	66.1 -39.0 50.0 63.5 128 0.483 1.0 0.0	0.327 1.0 0.0	66.1 -39.0 50.0 63.5 128 0.483 1.0 0.0	0.327 1.0 0.0	0.327 1.0 0.0	0.327 1.0 0.0
124	122	130	0.36 1.0 0.0	67.8 -35.9 53.4 64.4 124	0.377 1.0 0.0	68.6 -34.3 55.0 64.9 122 0.467 1.0 0.0	0.31 1.0 0.0	65.2 -40.4 48.3 63.0 130 0.467 1.0 0.0	0.31 1.0 0.0	65.2 -40.4 48.3 63.0 130 0.467 1.0 0.0	0.31 1.0 0.0	0.31 1.0 0.0	0.31 1.0 0.0
125	123	131	0.351 1.0 0.0	67.3 -36.7 52.6 64.2 125	0.368 1.0 0.0	68.2 -35.1 54.2 64.6 123 0.45 1.0 0.0	0.302 1.0 0.0	64.8 -41.1 47.4 62.8 131 0.45 1.0 0.0	0.302 1.0 0.0	64.8 -41.1 47.4 62.8 131 0.45 1.0 0.0	0.302 1.0 0.0	0.302 1.0 0.0	0.302 1.0 0.0
126	124	132	0.343 1.0 0.0	66.9 -37.5 51.7 64.0 126	0.36 1.0 0.0	67.8 -35.9 53.4 64.4 124 0.433 1.0 0.0	0.293 1.0 0.0	64.4 -41.8 46.5 62.6 132 0.433 1.0 0.0	0.293 1.0 0.0	64.4 -41.8 46.5 62.6 132 0.433 1.0 0.0	0.293 1.0 0.0	0.293 1.0 0.0	0.293 1.0 0.0
127	125	133	0.335 1.0 0.0	66.5 -38.3 50.9 63.7 127	0.351 1.0 0.0	67.3 -36.7 52.6 64.2 125 0.417 1.0 0.0	0.285 1.0 0.0	63.9 -42.4 45.6 62.4 133 0.417 1.0 0.0	0.285 1.0 0.0	63.9 -42.4 45.6 62.4 133 0.417 1.0 0.0	0.285 1.0 0.0	0.285 1.0 0.0	0.285 1.0 0.0
128	126	134	0.327 1.0 0.0	66.1 -39.0 50.0 63.5 128	0.343 1.0 0.0	66.9 -37.5 51.7 64.0 126 0.4 1.0 0.0	0.277 1.0 0.0	63.5 -43.1 44.7 62.1 134 0.4 1.0 0.0	0.277 1.0 0.0	63.5 -43.1 44.7 62.1 134 0.4 1.0 0.0	0.277 1.0 0.0	0.277 1.0 0.0	0.277 1.0 0.0
129	127	135	0.318 1.0 0.0	65.6 -39.7 49.2 63.3 129	0.335 1.0 0.0	66.5 -38.3 50.9 63.7 127 0.383 1.0 0.0	0.269 1.0 0.0	63.1 -43.7 43.8 61.9 135 0.383 1.0 0.0	0.269 1.0 0.0	63.1 -43.7 43.8 61.9 135 0.383 1.0 0.0	0.269 1.0 0.0	0.269 1.0 0.0	0.269 1.0 0.0
130	128	137	0.31 1.0 0.0	65.2 -40.4 48.3 63.0 130	0.327 1.0 0.0	66.1 -39.0 50.0 63.5 128 0.367 1.0 0.0	0.252 1.0 0.0	62.2 -44.8 41.9 61.4 137 0.367 1.0 0.0	0.252 1.0 0.0	62.2 -44.8 41.9 61.4 137 0.367 1.0 0.0	0.252 1.0 0.0	0.252 1.0 0.0	0.252 1.0 0.0
131	129	138	0.302 1.0 0.0	64.8 -41.1 47.4 62.8 131	0.318 1.0 0.0	65.6 -39.7 49.2 63.3 129 0.35 1.0 0.0	0.239 1.0 0.0	61.8 -45.7 41.3 61.7 138 0.35 1.0 0.0	0.239 1.0 0.0	61.8 -45.7 41.3 61.7 138 0.35 1.0 0.0	0.239 1.0 0.0	0.239 1.0 0.0	0.239 1.0 0.0
132	130	139	0.293 1.0 0.0	64.4 -41.8 46.5 62.6 132	0.31 1.0 0.0	65.2 -40.4 48.3 63.0 130 0.333 1.0 0.0	0.224 1.0 0.0	61.4 -46.8 40.7 62.1 139 0.333 1.0 0.0	0.224 1.0 0.0	61.4 -46.8 40.7 62.1 139 0.333 1.0 0.0	0.224 1.0 0.0	0.224 1.0 0.0	0.224 1.0 0.0
133	131	140	0.285 1.0 0.0	63.9 -42.4 45.6 62.4 133	0.302 1.0 0.0	64.8 -41.1 47.4 62.8 131 0.317 1.0 0.0	0.209 1.0 0.0	61.0 -47.8 40.2 62.5 140 0.317 1.0 0.0	0.209 1.0 0.0	61.0 -47.8 40.2 62.5 140 0.317 1.0 0.0	0.209 1.0 0.0	0.209 1.0 0.0	0.209 1.0 0.0
134	132	141	0.277 1.0 0.0	63.5 -43.1 44.7 62.1 134	0.293 1.0 0.0	64.4 -41.8 46.5 62.6 132 0.3 1.0 0.0	0.194 1.0 0.0	60.6 -48.8 39.6 62.9 141 0.3 1.0 0.0	0.194 1.0 0.0	60.6 -48.8 39.6 62.9 141 0.3 1.0 0.0	0.194 1.0 0.0	0.194 1.0 0.0	0.194 1.0 0.0
135	133	142	0.269 1.0 0.0	63.1 -43.7 43.8 61.9 135	0.285 1.0 0.0	63.9 -42.4 45.6 62.4 133 0.283 1.0 0.0	0.179 1.0 0.0	60.2 -49.8 39.0 63.3 142 0.283 1.0 0.0	0.179 1.0 0.0	60.2 -49.8 39.0 63.3 142 0.283 1.0 0.0	0.179 1.0 0.0	0.179 1.0 0.0	0.179 1.0 0.0
136	134	144	0.26 1.0 0.0	62.6 -44.3 42.8 61.7 136	0.277 1.0 0.0	63.5 -43.1 44.7 62.1 134 0.267 1.0 0.0	0.149 1.0 0.0	59.4 -51.8 37.7 64.1 144 0.267 1.0 0.0	0.149 1.0 0.0	59.4 -51.8 37.7 64.1 144 0.267 1.0 0.0	0.149 1.0 0.0	0.149 1.0 0.0	0.149 1.0 0.0
137	135	145	0.252 1.0 0.0	62.2 -44.8 41.9 61.4 137	0.269 1.0 0.0	63.1 -43.7 43.8 61.9 135 0.25 1.0 0.0	0.134 1.0 0.0	59.0 -52.8 37.0 64.5 145 0.25 1.0 0.0	0.134 1.0 0.0	59.0 -52.8 37.0 64.5 145 0.25 1.0 0.0	0.134 1.0 0.0	0.134 1.0 0.0	0.134 1.0 0.0
138	136	146	0.239 1.0 0.0	61.8 -45.7 41.3 61.7 138	0.26 1.0 0.0	62.6 -44.3 42.8 61.7 136 0.233 1.0 0.0	0.119 1.0 0.0	58.6 -53.8 36.4 65.1 146 0.233 1.0 0.0	0.119 1.0 0.0	58.6 -53.8 36.4 65.1 146 0.233 1.0 0.0	0.119 1.0 0.0	0.119 1.0 0.0	0.119 1.0 0.0
139	137	147	0.224 1.0 0.0	61.4 -46.8 40.7 62.1 139	0.252 1.0 0.0	62.2 -44.8 41.9 61.4 137 0.217 1.0 0.0	0.103 1.0 0.0	58.1 -55.0 35.8 65.7 147 0.217 1.0 0.0	0.103 1.0 0.0	58.1 -55.0 35.8 65.7 147 0.217 1.0 0.0	0.103 1.0 0.0	0.103 1.0 0.0	0.103 1.0 0.0
140	138	148	0.209 1.0 0.0	61.0 -47.8 40.2 62.5 140	0.239 1.0 0.0	61.8 -45.7 41.3 61.7 138 0.2 1.0 0.0	0.088 1.0 0.0	57.7 -56.2 35.2 66.4 148 0.2 1.0 0.0	0.088 1.0 0.0	57.7 -56.2 35.2 66.4 148 0.2 1.0 0.0	0.088 1.0 0.0	0.088 1.0 0.0	0.088 1.0 0.0
141	139	149	0.194 1.0 0.0	60.6 -48.8 39.6 62.9 141	0.224 1.0 0.0	61.4 -46.8 40.7 62.1 139 0.183 1.0 0.0	0.072 1.0 0.0	57.2 -57.4 34.6 67.1 149 0.183 1.0 0.0	0.072 1.0 0.0	57.2 -57.4 34.6 67.1 149 0.183 1.0 0.0	0.072 1.0 0.0	0.072 1.0 0.0	0.072 1.0 0.0
142	140	151	0.179 1.0 0.0	60.2 -49.8 39.0 63.3 142	0.209 1.0 0.0	61.0 -47.8 40.2 62.5 140 0.167 1.0 0.0	0.041 1.0 0.0	56.3 -59.8 33.2 68.5 151 0.167 1.0 0.0	0.041 1.0 0.0	56.3 -59.8 33.2 68.5 151 0.167 1.0 0.0	0.041 1.0 0.0	0.041 1.0 0.0	0.041 1.0 0.0
143	141	152	0.164 1.0 0.0	59.8 -50.8 38.4 63.7 143	0.194 1.0 0.0	60.6 -48.8 39.6 62.9 141 0.15 1.0 0.0	0.026 1.0 0.0	55.8 -60.9 32.5 69.1 152 0.15 1.0 0.0	0.026 1.0 0.0	55.8 -60.9 32.5 69.1 152 0.15 1.0 0.0	0.026 1.0 0.0	0.026 1.0 0.0	0.026 1.0 0.0
144	142	153	0.149 1.0 0.0	59.4 -51.8 37.7 64.1 144	0.179 1.0 0.0	60.2 -49.8 39.0 63.3 142 0.133 1.0 0.0	0.01 1.0 0.0	55.4 -62.1 31.7 69.8 153 0.133 1.0 0.0	0.01 1.0 0.0	55.4 -62.1 31.7 69.8 153 0.133 1.0 0.0	0.01 1.0 0.0	0.01 1.0 0.0	0.01 1.0 0.0
145	143	154	0.134 1.0 0.0	59.0 -52.8 37.0 64.5 145	0.164 1.0 0.0	59.8 -50.8 38.4 63.7 143 0.117 1.0 0.0	0.0 1.0 0.006	55.1 -62.8 30.7 70.0 154 0.117 1.0 0.0	0.0 1.0 0.006	55.1 -62.8 30.7 70.0 154 0.117 1.0 0.0	0.0 1.0 0.006	0.0 1.0 0.006	0.0 1.0 0.006
146	144	155	0.119 1.0 0.0	58.6 -53.8 36.4 65.1 146	0.149 1.0 0.0	59.4 -51.8 37.7 64.1 144 0.1 1.0 0.0	0.0 1.0 0.023	55.2 -62.7 29.3 69.3 155 0.1 1.0 0.0	0.0 1.0 0.023	55.2 -62.7 29.3 69.3 155 0.1 1.0 0.0	0.0 1.0 0.023	0.0 1.0 0.023	0.0 1.0 0.023
147	145	156	0.103 1.0 0.0	58.1 -55.0 35.8 65.7 147	0.134 1.0 0.0	59.0 -52.8 37.0 64.5 145 0.083 1.0 0.0	0.0 1.0 0.039	55.3 -62.5 27.9 68.6 156 0.083 1.0 0.0	0.0 1.0 0.039	55.3 -62.5 27.9 68.6 156 0.083 1.0 0.0	0.0 1.0 0.039	0.0 1.0 0.039	0.0 1.0 0.039
148	146	158	0.088 1.0 0.0	57.7 -56.2 35.2 66.4 148	0.119 1.0 0.0	58.6 -53.8 36.4 65.1 146 0.067 1.0 0.0	0.0 1.0 0.072	55.5 -62.1 25.1 67.1 158 0.067 1.0 0.0	0.0 1.0 0.072	55.5 -62.1 25.1 67.1 158 0.067 1.0 0.0	0.0 1.0 0.072	0.0 1.0 0.072	0.0 1.0 0.072
149	147	159	0.072 1.0 0.0	57.2 -57.4 34.6 67.1 149	0.103 1.0 0.0	58.1 -55.0 35.8 65.7 147 0.05 1.0 0.0	0.0 1.0 0.089	55.6 -61.9 23.8 66.4 159 0.05 1.0 0.0	0.0 1.0 0.089	55.6 -61.9 23.8 66.4 159 0.05 1.0 0.0	0.0 1.0 0.089	0.0 1.0 0.089	0.0 1.0 0.089
150	148	160	0.057 1.0 0.0	56.7 -58.6 33.9 67.8 150	0.088 1.0 0.0	57.7 -56.2 35.2 66.4 148 0.033 1.0 0.0	0.0 1.0 0.106	55.7 -61.6 22.5 65.7 160 0.033 1.0 0.0	0.0 1.0 0.106	55.7 -61.6 22.5 65.7 160 0.033 1.0 0.0	0.0 1.0 0.106	0.0 1.0 0.106	0.0 1.0 0.106
151	149	161	0.041 1.0 0.0	56.3 -59.8 33.2 68.5 151	0.072 1.0 0.0	57.2 -57.4 34.6 67.1 149 0.017 1.0 0.0	0.0 1.0 0.122	55.8 -61.3 21.1 65.0 161 0.017 1.0 0.0	0.0 1.0 0.122	55.8 -61.3 21.1 65.0 161 0.017 1.0 0.0	0.0 1.0 0.122	0.0 1.0 0.122	0.0 1.0 0.122
152	150	162	0.026 1.0 0.0	55.8 -60.9 32.5 69.1 152	0.057 1.0 0.0	56.7 -58.6 33.9 67.8 150 0.0 1.0 0.006	0.0 1.0 0.137	55.9 -61.1 19.9 64.4 162 0.0 1.0 0.006	0.0 1.0 0.137	55.9 -61.1 19.9 64.4 162 0.0 1.0 0.006	0.0 1.0 0.137	0.0 1.0 0.137	0.0 1.0 0.137
153	151	163	0.01 1.0 0.0	55.4 -62.1 31.7 69.8 153	0.041 1.0 0.0	56.3 -59.8 33.2 68.5 151 0.0 1.0 0.017	0.0 1.0 0.15	56.0 -61.0 18.7 63.9 163 0.0 1.0 0.017	0.0 1.0 0.15	56.0 -61.0 18.7 63.9 163 0.0 1.0 0.017	0.0 1.0 0.15	0.0 1.0 0.15	0.0 1.0 0.15
154	152	164	0.0 1.0 0.006	55.1 -62.8 30.7 70.0 154	0.026 1.0 0.0	55.8 -60.9 32.5 69.1 152 0.0 1.0 0.033	0.0 1.0 0.164	56.1 -60.8 17.5 63.3 164 0.0 1.0 0.033	0.0 1.0 0.164	56.1 -60.8 17.5 63.3 164 0.0 1.0 0.033	0.0 1.0 0.164	0.0 1.0 0.164	0.0 1.0 0.164
155	1536												

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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 ORS40_18_96; separation cmyn6*, D65 and D50 for input or output; Six hue angles of the 60 degree standard colours s: $h_{ab,s} = 30.0, 90.0, 150.0, 210.0, 270.0, 330.0$;
Six hue angles of the device colours d: $h_{ab,d} = 32.3, 92.7, 153.6, 229.1, 292.1, 356.0$; Six hue angles of the elementary colours e: $h_{ab,e} = 25.5, 92.3, 162.2, 217.0, 271.7, 328.6$

$h_{ab,d}$	$h_{ab,s}$	$h_{ab,e}$	$rgb^*_{dd361Mi}$	$LAB^*_{dd361Mix}(x=LabCh)$	$rgb^*_{ds361Mi}$	$LAB^*_{ds361Mix}(x=LabCh)$	rgb^*_{s50M}	$rgb^*_{de361Mi}$	$LAB^*_{de361Mix}(x=LabCh)$	rgb^*_{e50M}	rgb^*_{dd}	rgb^*_{ds}	rgb^*_{de}								
167	165	176	0.0	1.0	0.206	56.3	-60.1	13.9	61.8	167	0.0	1.0	0.25								
168	166	177	0.0	1.0	0.22	56.4	-59.8	12.7	61.2	168	0.0	1.0	0.267								
169	167	178	0.0	1.0	0.234	56.5	-59.5	11.6	60.7	169	0.0	1.0	0.283								
170	168	179	0.0	1.0	0.248	56.6	-59.2	10.4	60.2	170	0.0	1.0	0.3								
171	169	180	0.0	1.0	0.259	56.7	-59.0	9.4	59.8	171	0.0	1.0	0.317								
172	170	180	0.0	1.0	0.27	56.8	-58.8	8.3	59.4	172	0.0	1.0	0.333								
173	171	181	0.0	1.0	0.281	56.8	-58.6	7.2	59.1	173	0.0	1.0	0.35								
174	172	182	0.0	1.0	0.291	56.9	-58.3	6.1	58.8	174	0.0	1.0	0.367								
175	173	183	0.0	1.0	0.302	57.0	-58.1	5.1	58.4	175	0.0	1.0	0.383								
176	174	184	0.0	1.0	0.313	57.1	-57.8	4.1	58.1	176	0.0	1.0	0.4								
177	175	185	0.0	1.0	0.324	57.1	-57.5	3.0	57.7	177	0.0	1.0	0.417								
178	176	186	0.0	1.0	0.335	57.2	-57.2	2.0	57.4	178	0.0	1.0	0.433								
179	177	187	0.0	1.0	0.346	57.3	-56.9	1.0	57.0	179	0.0	1.0	0.45								
180	178	188	0.0	1.0	0.356	57.4	-56.6	0.0	56.7	180	0.0	1.0	0.467								
181	179	189	0.0	1.0	0.367	57.5	-56.2	-0.9	56.4	181	0.0	1.0	0.483								
182	180	190	0.0	1.0	0.378	57.5	-55.9	-1.9	56.1	182	0.0	1.0	0.5								
183	181	191	0.0	1.0	0.39	57.6	-55.7	-2.8	55.9	183	0.0	1.0	0.517								
184	182	191	0.0	1.0	0.402	57.7	-55.5	-3.8	55.8	184	0.0	1.0	0.533								
185	183	192	0.0	1.0	0.414	57.7	-55.3	-4.7	55.6	185	0.0	1.0	0.55								
186	184	193	0.0	1.0	0.426	57.8	-55.1	-5.7	55.5	186	0.0	1.0	0.567								
187	185	194	0.0	1.0	0.438	57.9	-54.8	-6.6	55.3	187	0.0	1.0	0.583								
188	186	195	0.0	1.0	0.45	57.9	-54.6	-7.6	55.2	188	0.0	1.0	0.6								
189	187	196	0.0	1.0	0.462	58.0	-54.3	-8.5	55.1	189	0.0	1.0	0.617								
190	188	197	0.0	1.0	0.474	58.1	-54.0	-9.4	54.9	190	0.0	1.0	0.633								
191	189	198	0.0	1.0	0.486	58.1	-53.7	-10.3	54.8	191	0.0	1.0	0.65								
192	190	199	0.0	1.0	0.498	58.2	-53.3	-11.3	54.6	192	0.0	1.0	0.667								
193	191	200	0.0	1.0	0.51	58.3	-53.1	-12.2	54.6	193	0.0	1.0	0.683								
194	192	201	0.0	1.0	0.522	58.3	-52.9	-13.1	54.6	194	0.0	1.0	0.7								
195	193	201	0.0	1.0	0.534	58.4	-52.6	-14.0	54.6	195	0.0	1.0	0.717								
196	194	202	0.0	1.0	0.547	58.4	-52.3	-14.9	54.6	196	0.0	1.0	0.733								
197	195	203	0.0	1.0	0.559	58.5	-52.1	-15.8	54.5	197	0.0	1.0	0.75								
198	196	204	0.0	1.0	0.571	58.6	-51.8	-16.8	54.5	198	0.0	1.0	0.767								
199	197	205	0.0	1.0	0.584	58.6	-51.5	-17.7	54.5	199	0.0	1.0	0.783								
200	198	206	0.0	1.0	0.596	58.7	-51.1	-18.5	54.5	200	0.0	1.0	0.8								
201	199	207	0.0	1.0	0.608	58.8	-50.8	-19.4	54.5	201	0.0	1.0	0.817								
202	200	208	0.0	1.0	0.621	58.8	-50.4	-20.3	54.5	202	0.0	1.0	0.833								
203	201	209	0.0	1.0	0.633	58.9	-50.1	-21.2	54.6	203	0.0	1.0	0.85								
204	202	210	0.0	1.0	0.646	59.0	-49.8	-22.1	54.6	204	0.0	1.0	0.867								
205	203	211	0.0	1.0	0.658	59.0	-49.5	-23.0	54.7	205	0.0	1.0	0.883								
206	204	212	0.0	1.0	0.671	59.1	-49.2	-23.9	54.8	206	0.0	1.0	0.9								
207	205	212	0.0	1.0	0.683	59.2	-48.8	-24.8	54.9	207	0.0	1.0	0.917								
208	206	213	0.0	1.0	0.696	59.3	-48.4	-25.7	55.0	208	0.0	1.0	0.933								
209	207	214	0.0	1.0	0.709	59.4	-48.0	-26.6	55.0	209	0.0	1.0	0.95								
210	208	215	0.0	1.0	0.721	59.5	-47.6	-27.5	55.1	210	0.0	1.0	0.967								
211	209	216	0.0	1.0	0.734	59.5	-47.2	-28.3	55.2	211	0.0	1.0	0.983								
212	210	217	0.0	1.0	0.746	59.6	-46.8	-29.2	55.3	212	0.0	1.0	1.0C _s								
0.0	1.0	0.721	59.5	-47.6	-27.5	55.1	210	0.0	1.0	1.0C _e	0.0	1.0	0.822	60.2	-44.8	-33.7	56.2	217	0.0	1.0	1.0C _e

OE370-7N, Page of series 16/20, RX0, D50, XYZnw=3.4, 3.5, 2.8, 87.2, 90.7, 72.4, LAB*_{nw}=22.0, 0.6, 0.5, 96.3, -0.4, 2.2, not adapted

Output: Offset print ORS40_18_96; separation cmyn6*, D65 and D50, page 16/20

TUB-test chart OE37; 48 and 360 step hue circles, Page 16/20
Data of Offset print ORS40_18_96, separation cmyn6*, D65 and D50

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

TUB registration: 20110301-OE37/OE37L0NA.TXT /PS
application for measurement of printer or monitor systems

TUB material: code=rha4ta

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TUB registration: 20110301-OE37/OE37L0NA.TXT / PS application for measurement of printer or monitor systems

TUB material: code=rha4ta

Data of Maximum color M in colorimetric system Offset print ORS40_18_96; separation cmyn6*, D65 and D50 for input or output; Six hue angles of the 60 degree standard colours s: $h_{ab,s} = 30.0, 90.0, 150.0, 210.0, 270.0, 330.0$; Six hue angles of the device colours d: $h_{ab,d} = 32.3, 92.7, 153.6, 229.1, 292.1, 356.0$; Six hue angles of the elementary colours e: $h_{ab,e} = 25.5, 92.3, 162.2, 217.0, 271.7, 328.6$

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See original or copy: <http://web.me.com/klaus.richter/OE37/OE37L0NA.TXT> /PS
Technical information: <http://www.ps.bam.de> or <http://130.149.60.45/~farbmetrik>

Data of Maximum color M in colorimetric system Offset print ORS40_18_96; separation cmyn6*, D65 and D50 for input or output; Six hue angles of the 60 degree standard colours s: $h_{ab,s} = 30.0, 90.0, 150.0, 210.0, 270.0, 330.0$; Six hue angles of the device colours d: $h_{ab,d} = 32.3, 92.7, 153.6, 229.1, 292.1, 356.0$; Six hue angles of the elementary colours e: $h_{ab,e} = 25.5, 92.3, 162.2, 217.0, 271.7, 328.6$																																			
$h_{ab,d}$	$h_{ab,s}$	$h_{ab,e}$	rgb^*_d	$dd361Mi$	LAB^*_d	$dd361Mix(x=LabCh)$	rgb^*_s	$ds361Mi$	LAB^*_s	$ds361Mix(x=LabCh)$	rgb^*_e	$s50M$	rgb^*_e	$de361Mi$	LAB^*_e	$de361Mix(x=LabCh)$	rgb^*_e	$e50M$	rgb^*_d	rgb^*_s	rgb^*_e														
257	255	258	0.0	0.463	1.0	43.1	-10.7	-46.6	48.0	257	0.0	0.487	1.0	44.1	-12.4	-46.5	48.3	255	0.0	0.25	1.0	0.0	0.45	1.0	42.6	-9.8	-46.7	47.8	258	0.0	0.25	1.0			
258	256	259	0.0	0.45	1.0	42.6	-9.8	-46.7	47.8	258	0.0	0.475	1.0	43.6	-11.5	-46.6	48.1	256	0.0	0.233	1.0	0.0	0.438	1.0	42.1	-9.0	-46.7	47.7	259	0.0	0.233	1.0			
259	257	260	0.0	0.438	1.0	42.1	-9.0	-46.7	47.7	259	0.0	0.463	1.0	43.1	-10.7	-46.6	48.0	257	0.0	0.217	1.0	0.0	0.426	1.0	41.7	-8.1	-46.7	47.5	260	0.0	0.217	1.0			
260	258	261	0.0	0.426	1.0	41.7	-8.1	-46.7	47.5	260	0.0	0.45	1.0	42.6	-9.8	-46.7	47.8	258	0.0	0.2	1.0	0.0	0.413	1.0	41.2	-7.3	-46.7	47.3	261	0.0	0.2	1.0			
261	259	262	0.0	0.413	1.0	41.2	-7.3	-46.7	47.3	261	0.0	0.438	1.0	42.1	-9.0	-46.7	47.7	259	0.0	0.183	1.0	0.0	0.401	1.0	40.7	-6.5	-46.6	47.2	262	0.0	0.183	1.0			
262	260	263	0.0	0.401	1.0	40.7	-6.5	-46.6	47.2	262	0.0	0.426	1.0	41.7	-8.1	-46.7	47.5	260	0.0	0.167	1.0	0.0	0.389	1.0	40.2	-5.6	-46.6	47.0	263	0.0	0.167	1.0			
263	261	264	0.0	0.389	1.0	40.2	-5.6	-46.6	47.0	263	0.0	0.413	1.0	41.2	-7.3	-46.7	47.3	261	0.0	0.15	1.0	0.0	0.376	1.0	39.8	-4.8	-46.5	46.9	264	0.0	0.15	1.0			
264	262	264	0.0	0.376	1.0	39.8	-4.8	-46.5	46.9	264	0.0	0.401	1.0	40.7	-6.5	-46.6	47.2	262	0.0	0.133	1.0	0.0	0.376	1.0	39.8	-4.8	-46.5	46.9	264	0.0	0.133	1.0			
265	263	265	0.0	0.362	1.0	39.3	-4.0	-46.7	46.9	265	0.0	0.389	1.0	40.2	-5.6	-46.6	47.0	263	0.0	0.117	1.0	0.0	0.362	1.0	39.3	-4.0	-46.7	46.9	265	0.0	0.117	1.0			
266	264	266	0.0	0.348	1.0	38.8	-3.2	-46.8	47.0	266	0.0	0.376	1.0	39.8	-4.8	-46.5	46.9	264	0.0	0.1	1.0	0.0	0.348	1.0	38.8	-3.2	-46.8	47.0	266	0.0	0.1	1.0			
267	265	267	0.0	0.333	1.0	38.3	-2.4	-46.9	47.0	267	0.0	0.362	1.0	39.3	-4.0	-46.7	46.9	265	0.0	0.083	1.0	0.0	0.333	1.0	38.3	-2.4	-46.9	47.0	267	0.0	0.083	1.0			
268	266	268	0.0	0.319	1.0	37.9	-1.5	-47.0	47.1	268	0.0	0.348	1.0	38.8	-3.2	-46.8	47.0	266	0.0	0.067	1.0	0.0	0.319	1.0	37.9	-1.5	-47.0	47.1	268	0.0	0.067	1.0			
269	267	269	0.0	0.304	1.0	37.4	-0.7	-47.0	47.1	269	0.0	0.333	1.0	38.3	-2.4	-46.9	47.0	267	0.0	0.05	1.0	0.0	0.304	1.0	37.4	-0.7	-47.0	47.1	269	0.0	0.05	1.0			
270	268	270	0.0	0.29	1.0	36.9	0.0	-47.1	47.2	270	0.0	0.319	1.0	37.9	-1.5	-47.0	47.1	268	0.0	0.033	1.0	0.0	0.29	1.0	36.9	0.0	-47.1	47.2	270	0.0	0.033	1.0			
271	269	271	0.0	0.276	1.0	36.4	0.8	-47.1	47.3	271	0.0	0.304	1.0	37.4	-0.7	-47.0	47.1	269	0.0	0.017	1.0	0.0	0.276	1.0	36.4	0.8	-47.1	47.3	271	0.0	0.017	1.0			
272	270	272	0.0	0.261	1.0	36.0	1.7	-47.2	47.3	272	0.0	0.29	1.0	36.9	0.0	-47.1	47.2	270	0.0	0.0	1.0B _s	0.0	0.261	1.0	36.0	1.7	-47.2	47.3	272	0.0	0.0	1.0B _e			
273	271	273	0.0	0.247	1.0	35.5	2.5	-47.2	47.4	273	0.0	0.276	1.0	36.4	0.8	-47.1	47.3	271	0.017	0.0	1.0	0.0	0.247	1.0	35.5	2.5	-47.2	47.4	273	0.017	0.0	1.0			
274	272	274	0.0	0.233	1.0	35.0	3.3	-47.3	47.5	274	0.0	0.261	1.0	36.0	1.7	-47.2	47.3	272	0.033	0.0	1.0	0.0	0.233	1.0	35.0	3.3	-47.3	47.5	274	0.033	0.0	1.0			
275	273	275	0.0	0.219	1.0	34.6	4.2	-47.4	47.7	275	0.0	0.247	1.0	35.5	2.5	-47.2	47.4	273	0.05	0.0	1.0	0.0	0.219	1.0	34.6	4.2	-47.4	47.7	275	0.05	0.0	1.0			
276	274	276	0.0	0.206	1.0	34.2	5.0	-47.5	47.8	276	0.0	0.233	1.0	35.0	3.3	-47.3	47.5	274	0.067	0.0	1.0	0.0	0.206	1.0	34.2	5.0	-47.5	47.8	276	0.067	0.0	1.0			
277	275	276	0.0	0.192	1.0	33.7	5.8	-47.5	48.0	277	0.0	0.219	1.0	34.6	4.2	-47.4	47.7	275	0.083	0.0	1.0	0.0	0.206	1.0	34.2	5.0	-47.5	47.8	276	0.083	0.0	1.0			
278	276	277	0.0	0.178	1.0	33.3	6.7	-47.5	48.1	278	0.0	0.206	1.0	34.2	5.0	-47.5	47.8	276	0.1	0.0	1.0	0.0	0.192	1.0	33.7	5.8	-47.5	48.0	277	0.1	0.0	1.0			
279	277	278	0.0	0.164	1.0	32.9	7.5	-47.6	48.2	279	0.0	0.192	1.0	33.7	5.8	-47.5	48.0	277	0.117	0.0	1.0	0.0	0.178	1.0	33.3	6.7	-47.5	48.1	278	0.117	0.0	1.0			
280	278	279	0.0	0.151	1.0	32.4	8.4	-47.6	48.4	280	0.0	0.178	1.0	33.3	6.7	-47.5	48.1	278	0.133	0.0	1.0	0.0	0.164	1.0	32.9	7.5	-47.6	48.2	279	0.133	0.0	1.0			
281	279	280	0.0	0.137	1.0	32.0	9.3	-47.5	48.5	281	0.0	0.164	1.0	32.9	7.5	-47.6	48.2	279	0.15	0.0	1.0	0.0	0.151	1.0	32.4	8.4	-47.6	48.4	280	0.15	0.0	1.0			
282	280	281	0.0	0.123	1.0	31.5	10.1	-47.5	48.7	282	0.0	0.151	1.0	32.4	8.4	-47.6	48.4	280	0.167	0.0	1.0	0.0	0.137	1.0	32.0	9.3	-47.5	48.5	281	0.167	0.0	1.0			
283	281	282	0.0	0.111	1.0	31.1	11.0	-47.7	49.0	283	0.0	0.137	1.0	32.0	9.3	-47.5	48.5	281	0.183	0.0	1.0	0.0	0.123	1.0	31.5	10.1	-47.5	48.7	282	0.183	0.0	1.0			
284	282	283	0.0	0.099	1.0	30.6	11.9	-47.7	49.3	284	0.0	0.123	1.0	31.5	10.1	-47.5	48.7	282	0.2	0.0	1.0	0.0	0.111	1.0	31.1	11.0	-47.7	49.0	283	0.2	0.0	1.0			
285	283	284	0.0	0.087	1.0	30.2	12.8	-47.8	49.6	285	0.0	0.111	1.0	31.1	11.0	-47.7	49.0	283	0.217	0.0	1.0	0.0	0.099	1.0	30.6	11.9	-47.7	49.3	284	0.217	0.0	1.0			
286	284	285	0.0	0.074	1.0	29.7	13.8	-47.9	49.9	286	0.0	0.099	1.0	30.6	11.9	-47.7	49.3	284	0.233	0.0	1.0	0.0	0.087	1.0	30.2	12.8	-47.8	49.6	285	0.233	0.0	1.0			
287	285	286	0.0	0.062	1.0	29.2	14.7	-47.9	50.2	287	0.0	0.087	1.0	30.2	12.8	-47.8	49.6	285	0.25	0.0	1.0	0.0	0.074	1.0	29.7	13.8	-47.9	49.9	286	0.25	0.0	1.0			
288	286	287	0.0	0.05	1.0	28.8	15.6	-47.9	50.5	288	0.0	0.074	1.0	29.7	13.8	-47.9	49.9	286	0.267	0.0	1.0	0.0	0.062	1.0	29.2	14.7	-47.9	50.2	287	0.267	0.0	1.0			
289	287	288	0.0	0.030																															

See original or copy: <http://web.me.com/klaus.richter/OE37/OE37L0NA.TXT> /PS
Technical information: <http://www.ps.bam.de> or <http://130.149.60.45/~farbmetrik>

Data of Maximum color M in colorimetric system Offset print ORS40_18_96; separation cmyn6*, D65 and D50 for input or output; Six hue angles of the 60 degree standard colours s: $h_{ab,s} = 30.0, 90.0, 150.0, 210.0, 270.0, 330.0$;
Six hue angles of the device colours d: $h_{ab,d} = 32.3, 92.7, 153.6, 229.1, 292.1, 356.0$; Six hue angles of the elementary colours e: $h_{ab,e} = 25.5, 92.3, 162.2, 217.0, 271.7, 328.6$

$h_{ab,d}$	$h_{ab,s}$	$h_{ab,e}$	$rgb^*_{dd361Mi}$	$LAB^*_{dd361Mix(x=LabCh)}$	$rgb^*_{ds361Mi}$	$LAB^*_{ds361Mix(x=LabCh)}$	rgb^*_{s50M}	$rgb^*_{de361Mi}$	$LAB^*_{de361Mix(x=LabCh)}$	rgb^*_{e50M}	rgb^*_{dd}	rgb^*_{ds}	rgb^*_{de}
302	300	300	0.098 0.0 1.0	29.0 27.4 -43.8 51.7 302	0.079 0.0 1.0	28.5 25.9 -44.7 51.7 300	0.5 0.0 1.0	0.079 0.0 1.0	28.5 25.9 -44.7 51.7 300	0.5 0.0 1.0			
303	301	301	0.108 0.0 1.0	29.2 28.2 -43.3 51.7 303	0.088 0.0 1.0	28.7 26.6 -44.2 51.7 301	0.517 0.0 1.0	0.088 0.0 1.0	28.7 26.6 -44.2 51.7 301	0.517 0.0 1.0			
304	302	302	0.118 0.0 1.0	29.4 28.9 -42.8 51.7 304	0.098 0.0 1.0	29.0 27.4 -43.8 51.7 302	0.533 0.0 1.0	0.098 0.0 1.0	29.0 27.4 -43.8 51.7 302	0.533 0.0 1.0			
305	303	303	0.129 0.0 1.0	29.6 29.7 -42.3 51.7 305	0.108 0.0 1.0	29.2 28.2 -43.3 51.7 303	0.55 0.0 1.0	0.108 0.0 1.0	29.2 28.2 -43.3 51.7 303	0.55 0.0 1.0			
306	304	304	0.14 0.0 1.0	29.8 30.4 -41.8 51.8 306	0.118 0.0 1.0	29.4 28.9 -42.8 51.7 304	0.567 0.0 1.0	0.118 0.0 1.0	29.4 28.9 -42.8 51.7 304	0.567 0.0 1.0			
307	305	305	0.152 0.0 1.0	30.0 31.2 -41.3 51.9 307	0.129 0.0 1.0	29.6 29.7 -42.3 51.7 305	0.583 0.0 1.0	0.129 0.0 1.0	29.6 29.7 -42.3 51.7 305	0.583 0.0 1.0			
308	306	306	0.164 0.0 1.0	30.1 32.0 -40.8 52.0 308	0.14 0.0 1.0	29.8 30.4 -41.8 51.8 306	0.6 0.0 1.0	0.14 0.0 1.0	29.8 30.4 -41.8 51.8 306	0.6 0.0 1.0			
309	307	307	0.176 0.0 1.0	30.3 32.8 -40.3 52.0 309	0.152 0.0 1.0	30.0 31.2 -41.3 51.9 307	0.617 0.0 1.0	0.152 0.0 1.0	30.0 31.2 -41.3 51.9 307	0.617 0.0 1.0			
310	308	308	0.187 0.0 1.0	30.5 33.5 -39.8 52.1 310	0.164 0.0 1.0	30.1 32.0 -40.8 52.0 308	0.633 0.0 1.0	0.164 0.0 1.0	30.1 32.0 -40.8 52.0 308	0.633 0.0 1.0			
311	309	309	0.199 0.0 1.0	30.7 34.3 -39.3 52.2 311	0.176 0.0 1.0	30.3 32.8 -40.3 52.0 309	0.65 0.0 1.0	0.176 0.0 1.0	30.3 32.8 -40.3 52.0 309	0.65 0.0 1.0			
312	310	310	0.211 0.0 1.0	30.9 35.0 -38.8 52.3 312	0.187 0.0 1.0	30.5 33.5 -39.8 52.1 310	0.667 0.0 1.0	0.187 0.0 1.0	30.5 33.5 -39.8 52.1 310	0.667 0.0 1.0			
313	311	311	0.223 0.0 1.0	31.1 35.7 -38.2 52.4 313	0.199 0.0 1.0	30.7 34.3 -39.3 52.2 311	0.683 0.0 1.0	0.199 0.0 1.0	30.7 34.3 -39.3 52.2 311	0.683 0.0 1.0			
314	312	312	0.234 0.0 1.0	31.3 36.4 -37.6 52.4 314	0.211 0.0 1.0	30.9 35.0 -38.8 52.3 312	0.7 0.0 1.0	0.211 0.0 1.0	30.9 35.0 -38.8 52.3 312	0.7 0.0 1.0			
315	313	312	0.246 0.0 1.0	31.5 37.1 -37.0 52.5 315	0.223 0.0 1.0	31.1 35.7 -38.2 52.4 313	0.717 0.0 1.0	0.211 0.0 1.0	30.9 35.0 -38.8 52.3 312	0.717 0.0 1.0			
316	314	313	0.263 0.0 1.0	32.0 37.9 -36.5 52.7 316	0.234 0.0 1.0	31.3 36.4 -37.6 52.4 314	0.733 0.0 1.0	0.223 0.0 1.0	31.1 35.7 -38.2 52.4 313	0.733 0.0 1.0			
317	315	314	0.283 0.0 1.0	32.6 38.7 -36.0 52.9 317	0.246 0.0 1.0	31.5 37.1 -37.0 52.5 315	0.75 0.0 1.0	0.234 0.0 1.0	31.3 36.4 -37.6 52.4 314	0.75 0.0 1.0			
318	316	315	0.302 0.0 1.0	33.3 39.4 -35.4 53.1 318	0.263 0.0 1.0	32.0 37.9 -36.5 52.7 316	0.767 0.0 1.0	0.246 0.0 1.0	31.5 37.1 -37.0 52.5 315	0.767 0.0 1.0			
319	317	316	0.322 0.0 1.0	34.0 40.2 -34.8 53.2 319	0.283 0.0 1.0	32.6 38.7 -36.0 52.9 317	0.783 0.0 1.0	0.263 0.0 1.0	32.0 37.9 -36.5 52.7 316	0.783 0.0 1.0			
320	318	317	0.341 0.0 1.0	34.7 40.9 -34.2 53.4 320	0.302 0.0 1.0	33.3 39.4 -35.4 53.1 318	0.8 0.0 1.0	0.283 0.0 1.0	32.6 38.7 -36.0 52.9 317	0.8 0.0 1.0			
321	319	318	0.361 0.0 1.0	35.4 41.7 -33.6 53.6 321	0.322 0.0 1.0	34.0 40.2 -34.8 53.2 319	0.817 0.0 1.0	0.302 0.0 1.0	33.3 39.4 -35.4 53.1 318	0.817 0.0 1.0			
322	320	319	0.378 0.0 1.0	35.9 42.4 -33.1 53.8 322	0.341 0.0 1.0	34.7 40.9 -34.2 53.4 320	0.833 0.0 1.0	0.322 0.0 1.0	34.0 40.2 -34.8 53.2 319	0.833 0.0 1.0			
323	321	320	0.39 0.0 1.0	36.2 43.3 -32.5 54.2 323	0.361 0.0 1.0	35.4 41.7 -33.6 53.6 321	0.85 0.0 1.0	0.341 0.0 1.0	34.7 40.9 -34.2 53.4 320	0.85 0.0 1.0			
324	322	321	0.401 0.0 1.0	36.6 44.1 -32.0 54.5 324	0.378 0.0 1.0	35.9 42.4 -33.1 53.8 322	0.867 0.0 1.0	0.361 0.0 1.0	35.4 41.7 -33.6 53.6 321	0.867 0.0 1.0			
325	323	322	0.413 0.0 1.0	36.9 45.0 -31.4 54.9 325	0.39 0.0 1.0	36.2 43.3 -32.5 54.2 323	0.883 0.0 1.0	0.378 0.0 1.0	35.9 42.4 -33.1 53.8 322	0.883 0.0 1.0			
326	324	323	0.424 0.0 1.0	37.2 45.8 -30.8 55.2 326	0.401 0.0 1.0	36.6 44.1 -32.0 54.5 324	0.9 0.0 1.0	0.39 0.0 1.0	36.2 43.3 -32.5 54.2 323	0.9 0.0 1.0			
327	325	324	0.436 0.0 1.0	37.5 46.6 -30.2 55.6 327	0.413 0.0 1.0	36.9 45.0 -31.4 54.9 325	0.917 0.0 1.0	0.401 0.0 1.0	36.6 44.1 -32.0 54.5 324	0.917 0.0 1.0			
328	326	325	0.448 0.0 1.0	37.8 47.4 -29.5 55.9 328	0.424 0.0 1.0	37.2 45.8 -30.8 55.2 326	0.933 0.0 1.0	0.413 0.0 1.0	36.9 45.0 -31.4 54.9 325	0.933 0.0 1.0			
329	327	326	0.459 0.0 1.0	38.1 48.3 -28.9 56.3 329	0.436 0.0 1.0	37.5 46.6 -30.2 55.6 327	0.95 0.0 1.0	0.424 0.0 1.0	37.2 45.8 -30.8 55.2 326	0.95 0.0 1.0			
330	328	327	0.471 0.0 1.0	38.4 49.1 -28.2 56.6 330	0.448 0.0 1.0	37.8 47.4 -29.5 55.9 328	0.967 0.0 1.0	0.436 0.0 1.0	37.5 46.6 -30.2 55.6 327	0.967 0.0 1.0			
331	329	328	0.482 0.0 1.0	38.7 49.9 -27.5 57.0 331	0.459 0.0 1.0	38.1 48.3 -28.9 56.3 329	0.983 0.0 1.0	0.448 0.0 1.0	37.8 47.4 -29.5 55.9 328	0.983 0.0 1.0			
332	330	329	0.494 0.0 1.0	39.1 50.6 -26.8 57.3 332	0.471 0.0 1.0	38.4 49.1 -28.2 56.6 330	1.0 0.0 1.0M _s	0.459 0.0 1.0	38.1 48.3 -28.9 56.3 329	1.0 0.0 1.0M _e			
333	331	330	0.506 0.0 1.0	39.4 51.4 -26.1 57.7 333	0.482 0.0 1.0	38.7 49.9 -27.5 57.0 331	1.0 0.0 0.983	0.471 0.0 1.0	38.4 49.1 -28.2 56.6 330	1.0 0.0 0.983			
334	332	331	0.521 0.0 1.0	39.7 52.3 -25.4 58.2 334	0.494 0.0 1.0	39.1 50.6 -26.8 57.3 332	1.0 0.0 0.967	0.482 0.0 1.0	38.7 49.9 -27.5 57.0 331	1.0 0.0 0.967			
335	333	331	0.535 0.0 1.0	40.1 53.1 -24.7 58.6 335	0.506 0.0 1.0	39.4 51.4 -26.1 57.7 333	1.0 0.0 0.95	0.482 0.0 1.0	38.7 49.9 -27.5 57.0 331	1.0 0.0 0.95			
336	334	332	0.549 0.0 1.0	40.4 54.0 -23.9 59.1 336	0.521 0.0 1.0	39.7 52.3 -25.4 58.2 334	1.0 0.0 0.933	0.494 0.0 1.0	39.1 50.6 -26.8 57.3 332	1.0 0.0 0.933			
337	335	333	0.563 0.0 1.0	40.7 54.8 -23.2 59.5 337	0.535 0.0 1.0	40.1 53.1 -24.7 58.6 335	1.0 0.0 0.917	0.506 0.0 1.0	39.4 51.4 -26.1 57.7 333	1.0 0.0 0.917			
338	336	334	0.577 0.0 1.0	41.1 55.6 -22.4 60.0 338	0.549 0.0 1.0	40.4 54.0 -23.9 59.1 336	1.0 0.0 0.9	0.521 0.0 1.0	39.7 52.3 -25.4 58.2 334	1.0 0.0 0.9			
339	337	335	0.592 0.0 1.0	41.4 56.4 -21.6 60.4 339	0.563 0.0 1.0	40.7 54.8 -23.2 59.5 337	1.0 0.0 0.883	0.535 0.0 1.0	40.1 53.1 -24.7 58.6 335	1.0 0.0 0.883			
340	338	336	0.606 0.0 1.0	41.7 57.2 -20.7 60.9 340	0.577 0.0 1.0	41.1 55.6 -22.4 60.0 338	1.0 0.0 0.867	0.549 0.0 1.0	40.4 54.0 -23.9 59.1 336	1.0 0.0 0.867			
341	339	337	0.62 0.0 1.0	42.1 58.0 -19.9 61.3 341	0.592 0.0 1.0	41.4 56.4 -21.6 60.4 339	1.0 0.0 0.85	0.563 0.0 1.0	40.7 54.8 -23.2 59.5 337	1.0 0.0 0.85			
342	340	338	0.643 0.0 1.0	42.8 58.9 -19.0 62.0 342	0.606 0.0 1.0	41.7 57.2 -20.7 60.9 340	1.0 0.0 0.833	0.577 0.0 1.0	41.1 55.6 -22.4 60.0 338	1.0 0.0 0.833			
343	341	339	0.671 0.0 1.0	43.6 60.0 -18.2 62.7 343	0.62 0.0 1.0	42.1 58.0 -19.9 61.3 341	1.0 0.0 0.817	0.592 0.0 1.0	41.4 56.4 -21.6 60.4 339	1.0 0.0 0.817			
344	342	340	0.699 0.0 1.0	44.5 61.0 -17.4 63.4 344	0.643 0.0 1.0	42.8 58.9 -19.0 62.0 342	1.0 0.0 0.8	0.606 0.0 1.0	41.7 57.2 -20.7 60.9 340	1.0 0.0 0.8			
345	343	341	0.727 0.0 1.0	45.4 62.0 -16.5 64.2 345	0.671 0.0 1.0	43.6 60.0 -18.2 62.7 343	1.0 0.0 0.783	0.62 0.0 1.0	42.1 58.0 -19.9 61.3 341	1.0 0.0 0.783			
346	344	342	0.755 0.0 1.0	46.3 63.0 -15.6 64.9 346	0.699 0.0 1.0	44.5 61.0 -17.4 63.4 344	1.0 0.0 0.767	0.643 0.0 1.0	42.8 58.9 -19.0 62.0 342	1.0 0.0 0.767			
347	345	343	0.778 0.0 1.0	46.8 64.1 -14.7 65.8 347	0.727 0.0 1.0	45.4 62.0 -16.5 64.2 345	1.0 0.0 0.75	0.671 0.0 1.0	43.6 60.0 -18.2 62.7 343	1.0 0.0 0.75			

OE370-7N, Page of series 19/20, RX0, D50, XYZnw=3.4, 3.5, 2.8, 87.2, 90.7, 72.4, LAB*_{nw}=22.0, 0.6, 0.5, 96.3, -0.4, 2.2, not adapted

Output: Offset print ORS40_18_96; separation cmyn6*, D65 and D50, page 19/20

TUB-test chart OE37; 48 and 360 step hue circles, Page 19/20
Data of Offset print ORS40_18_96, separation cmyn6*, D65 and D50

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

TUB registration: 20110301-OE37/OE37L0NA.TXT /PS
application for measurement of printer or monitor systems

TUB material: code=rha4ta

See original or copy: <http://web.me.com/klaus.richter/OE37/OE37L0NA.TXT> /PS
Technical information: <http://www.ps.bam.de> or <http://130.149.60.45/~farbmetrik>

Data of Maximum color M in colorimetric system Offset print ORS40_18_96; separation cmyn6*, D65 and D50 for input or output; Six hue angles of the 60 degree standard colours s: $h_{ab,s} = 30.0, 90.0, 150.0, 210.0, 270.0, 330.0$;													
Six hue angles of the device colours d: $h_{ab,d} = 32.3, 92.7, 153.6, 229.1, 292.1, 356.0$; Six hue angles of the elementary colours e: $h_{ab,e} = 25.5, 92.3, 162.2, 217.0, 271.7, 328.6$													
$h_{ab,d}$	$h_{ab,s}$	$h_{ab,e}$	$rgb^*_{dd361Mi}$	$LAB^*_{dd361Mix}(x=LabCh)$	$rgb^*_{ds361Mi}$	$LAB^*_{ds361Mix}(x=LabCh)$	rgb^*_{s50M}	$rgb^*_{de361Mi}$	$LAB^*_{de361Mix}(x=LabCh)$	rgb^*_{e50M}	rgb^*_{dd}	rgb^*_{ds}	rgb^*_{de}
347	345	343	0.778 0.0 1.0	46.8 64.1 -14.7 65.8 347	0.727 0.0 1.0	45.4 62.0 -16.5 64.2 345	1.0 0.0 0.75	0.671 0.0 1.0	43.6 60.0 -18.2 62.7 343	1.0 0.0 0.75			
348	346	344	0.802 0.0 1.0	47.3 65.1 -13.7 66.6 348	0.755 0.0 1.0	46.3 63.0 -15.6 64.9 346	1.0 0.0 0.733	0.699 0.0 1.0	44.5 61.0 -17.4 63.4 344	1.0 0.0 0.733			
349	347	345	0.826 0.0 1.0	47.9 66.2 -12.8 67.4 349	0.778 0.0 1.0	46.8 64.1 -14.7 65.8 347	1.0 0.0 0.717	0.727 0.0 1.0	45.4 62.0 -16.5 64.2 345	1.0 0.0 0.717			
350	348	346	0.85 0.0 1.0	48.4 67.2 -11.7 68.2 350	0.802 0.0 1.0	47.3 65.1 -13.7 66.6 348	1.0 0.0 0.7	0.755 0.0 1.0	46.3 63.0 -15.6 64.9 346	1.0 0.0 0.7			
351	349	347	0.874 0.0 1.0	49.0 68.2 -10.7 69.1 351	0.826 0.0 1.0	47.9 66.2 -12.8 67.4 349	1.0 0.0 0.683	0.778 0.0 1.0	46.8 64.1 -14.7 65.8 347	1.0 0.0 0.683			
352	350	348	0.899 0.0 1.0	49.5 69.4 -9.7 70.1 352	0.85 0.0 1.0	48.4 67.2 -11.7 68.2 350	1.0 0.0 0.667	0.802 0.0 1.0	47.3 65.1 -13.7 66.6 348	1.0 0.0 0.667			
353	351	349	0.924 0.0 1.0	50.0 70.6 -8.6 71.1 353	0.874 0.0 1.0	49.0 68.2 -10.7 69.1 351	1.0 0.0 0.65	0.826 0.0 1.0	47.9 66.2 -12.8 67.4 349	1.0 0.0 0.65			
354	352	349	0.95 0.0 1.0	50.5 71.7 -7.4 72.1 354	0.899 0.0 1.0	49.5 69.4 -9.7 70.1 352	1.0 0.0 0.633	0.826 0.0 1.0	47.9 66.2 -12.8 67.4 349	1.0 0.0 0.633			
355	353	350	0.975 0.0 1.0	51.0 72.9 -6.3 73.1 355	0.924 0.0 1.0	50.0 70.6 -8.6 71.1 353	1.0 0.0 0.617	0.85 0.0 1.0	48.4 67.2 -11.7 68.2 350	1.0 0.0 0.617			
356	354	351	1.0 0.0 0.999	51.4 73.9 -5.1 74.1 356	0.95 0.0 1.0	50.5 71.7 -7.4 72.1 354	1.0 0.0 0.6	0.874 0.0 1.0	49.0 68.2 -10.7 69.1 351	1.0 0.0 0.6			
357	355	352	1.0 0.0 0.969	51.4 73.8 -3.8 73.9 357	0.975 0.0 1.0	51.0 72.9 -6.3 73.1 355	1.0 0.0 0.583	0.899 0.0 1.0	49.5 69.4 -9.7 70.1 352	1.0 0.0 0.583			
358	356	353	1.0 0.0 0.938	51.4 73.6 -2.5 73.7 358	1.0 0.0 0.999	51.4 73.9 -5.1 74.1 356	1.0 0.0 0.567	0.924 0.0 1.0	50.0 70.6 -8.6 71.1 353	1.0 0.0 0.567			
359	357	354	1.0 0.0 0.908	51.4 73.5 -1.2 73.5 359	1.0 0.0 0.969	51.4 73.8 -3.8 73.9 357	1.0 0.0 0.55	0.95 0.0 1.0	50.5 71.7 -7.4 72.1 354	1.0 0.0 0.55			
0	358	355	1.0 0.0 0.878	51.4 73.3 0.0 73.3 0	1.0 0.0 0.938	51.4 73.6 -2.5 73.7 358	1.0 0.0 0.533	0.975 0.0 1.0	51.0 72.9 -6.3 73.1 355	1.0 0.0 0.533			
1	359	356	1.0 0.0 0.844	51.3 73.1 1.3 73.1 1	1.0 0.0 0.908	51.4 73.5 -1.2 73.5 359	1.0 0.0 0.517	1.0 0.0 0.999	51.4 73.9 -5.1 74.1 356	1.0 0.0 0.517			
2	360	357	1.0 0.0 0.81	51.3 72.9 2.5 72.9 2	1.0 0.0 0.878	51.4 73.3 0.0 73.3 0	1.0 0.0 0.5	1.0 0.0 0.969	51.4 73.8 -3.8 73.9 357	1.0 0.0 0.5			
3	361	358	1.0 0.0 0.776	51.3 72.7 3.8 72.8 3	1.0 0.0 0.844	51.3 73.1 1.3 73.1 1	1.0 0.0 0.483	1.0 0.0 0.938	51.4 73.6 -2.5 73.7 358	1.0 0.0 0.483			
4	362	359	1.0 0.0 0.744	51.3 72.5 5.1 72.6 4	1.0 0.0 0.81	51.3 72.9 2.5 72.9 2	1.0 0.0 0.467	1.0 0.0 0.908	51.4 73.5 -1.2 73.5 359	1.0 0.0 0.467			
5	363	360	1.0 0.0 0.718	51.3 72.3 6.3 72.6 5	1.0 0.0 0.776	51.3 72.7 3.8 72.8 3	1.0 0.0 0.45	1.0 0.0 0.878	51.4 73.3 0.0 73.3 0	1.0 0.0 0.45			
6	364	361	1.0 0.0 0.692	51.3 72.1 7.6 72.5 6	1.0 0.0 0.744	51.3 72.5 5.1 72.6 4	1.0 0.0 0.433	1.0 0.0 0.844	51.3 73.1 1.3 73.1 1	1.0 0.0 0.433			
7	365	362	1.0 0.0 0.666	51.3 71.9 8.8 72.4 7	1.0 0.0 0.718	51.3 72.3 6.3 72.6 5	1.0 0.0 0.417	1.0 0.0 0.81	51.3 72.9 2.5 72.9 2	1.0 0.0 0.417			
8	366	363	1.0 0.0 0.64	51.3 71.7 10.1 72.4 8	1.0 0.0 0.692	51.3 72.1 7.6 72.5 6	1.0 0.0 0.4	1.0 0.0 0.776	51.3 72.7 3.8 72.8 3	1.0 0.0 0.4			
9	367	364	1.0 0.0 0.614	51.2 71.5 11.3 72.4 9	1.0 0.0 0.666	51.3 71.9 8.8 72.4 7	1.0 0.0 0.383	1.0 0.0 0.744	51.3 72.5 5.1 72.6 4	1.0 0.0 0.383			
10	368	365	1.0 0.0 0.587	51.2 71.5 12.6 72.6 10	1.0 0.0 0.64	51.3 71.7 10.1 72.4 8	1.0 0.0 0.367	1.0 0.0 0.718	51.3 72.3 6.3 72.6 5	1.0 0.0 0.367			
11	369	366	1.0 0.0 0.56	51.1 71.5 13.9 72.8 11	1.0 0.0 0.614	51.2 71.5 11.3 72.4 9	1.0 0.0 0.35	1.0 0.0 0.692	51.3 72.1 7.6 72.5 6	1.0 0.0 0.35			
12	370	367	1.0 0.0 0.533	51.0 71.4 15.2 73.0 12	1.0 0.0 0.587	51.2 71.5 12.6 72.6 10	1.0 0.0 0.333	1.0 0.0 0.666	51.3 71.9 8.8 72.4 7	1.0 0.0 0.333			
13	371	367	1.0 0.0 0.506	51.0 71.3 16.5 73.2 13	1.0 0.0 0.56	51.1 71.5 13.9 72.8 11	1.0 0.0 0.317	1.0 0.0 0.666	51.3 71.9 8.8 72.4 7	1.0 0.0 0.317			
14	372	368	1.0 0.0 0.48	51.0 71.3 17.8 73.4 14	1.0 0.0 0.533	51.0 71.4 15.2 73.0 12	1.0 0.0 0.3	1.0 0.0 0.64	51.3 71.7 10.1 72.4 8	1.0 0.0 0.3			
15	373	369	1.0 0.0 0.454	51.0 71.1 19.1 73.7 15	1.0 0.0 0.506	51.0 71.3 16.5 73.2 13	1.0 0.0 0.283	1.0 0.0 0.614	51.2 71.5 11.3 72.4 9	1.0 0.0 0.283			
16	374	370	1.0 0.0 0.428	51.0 71.0 20.4 73.9 16	1.0 0.0 0.48	51.0 71.3 17.8 73.4 14	1.0 0.0 0.267	1.0 0.0 0.587	51.2 71.5 12.6 72.6 10	1.0 0.0 0.267			
17	375	371	1.0 0.0 0.402	51.0 70.8 21.7 74.1 17	1.0 0.0 0.454	51.0 71.1 19.1 73.7 15	1.0 0.0 0.25	1.0 0.0 0.56	51.1 71.5 13.9 72.8 11	1.0 0.0 0.25			
18	376	372	1.0 0.0 0.376	51.0 70.7 23.0 74.3 18	1.0 0.0 0.428	51.0 71.0 20.4 73.9 16	1.0 0.0 0.233	1.0 0.0 0.533	51.0 71.4 15.2 73.0 12	1.0 0.0 0.233			
19	377	373	1.0 0.0 0.354	51.0 70.6 24.3 74.7 19	1.0 0.0 0.402	51.0 70.8 21.7 74.1 17	1.0 0.0 0.217	1.0 0.0 0.506	51.0 71.3 16.5 73.2 13	1.0 0.0 0.217			
20	378	374	1.0 0.0 0.332	51.0 70.5 25.7 75.0 20	1.0 0.0 0.376	51.0 70.7 23.0 74.3 18	1.0 0.0 0.2	1.0 0.0 0.48	51.0 71.3 17.8 73.4 14	1.0 0.0 0.2			
21	379	375	1.0 0.0 0.311	51.0 70.4 27.0 75.4 21	1.0 0.0 0.354	51.0 70.6 24.3 74.7 19	1.0 0.0 0.183	1.0 0.0 0.454	51.0 71.1 19.1 73.7 15	1.0 0.0 0.183			
22	380	376	1.0 0.0 0.289	51.0 70.2 28.4 75.7 22	1.0 0.0 0.332	51.0 70.5 25.7 75.0 20	1.0 0.0 0.167	1.0 0.0 0.428	51.0 71.0 20.4 73.9 16	1.0 0.0 0.167			
23	381	377	1.0 0.0 0.267	51.0 70.0 29.7 76.1 23	1.0 0.0 0.311	51.0 70.4 27.0 75.4 21	1.0 0.0 0.15	1.0 0.0 0.402	51.0 70.8 21.7 74.1 17	1.0 0.0 0.15			
24	382	378	1.0 0.0 0.244	51.0 69.9 31.1 76.5 24	1.0 0.0 0.289	51.0 70.2 28.4 75.7 22	1.0 0.0 0.133	1.0 0.0 0.376	51.0 70.7 23.0 74.3 18	1.0 0.0 0.133			
25	383	379	1.0 0.0 0.216	50.9 69.9 32.6 77.1 25	1.0 0.0 0.267	51.0 70.0 29.7 76.1 23	1.0 0.0 0.117	1.0 0.0 0.354	51.0 70.6 24.3 74.7 19	1.0 0.0 0.117			
26	384	380	1.0 0.0 0.188	50.9 69.8 34.0 77.7 26	1.0 0.0 0.244	51.0 69.9 31.1 76.5 24	1.0 0.0 0.1	1.0 0.0 0.332	51.0 70.5 25.7 75.0 20	1.0 0.0 0.1			
27	385	381	1.0 0.0 0.161	50.9 69.7 35.5 78.2 27	1.0 0.0 0.216	50.9 69.9 32.6 77.1 25	1.0 0.0 0.083	1.0 0.0 0.311	51.0 70.4 27.0 75.4 21	1.0 0.0 0.083			
28	386	382	1.0 0.0 0.133	50.9 69.6 37.0 78.8 28	1.0 0.0 0.188	50.9 69.8 34.0 77.7 26	1.0 0.0 0.067	1.0 0.0 0.289	51.0 70.2 28.4 75.7 22	1.0 0.0 0.067			
29	387	383	1.0 0.0 0.102	50.8 69.6 38.6 79.6 29	1.0 0.0 0.161	50.9 69.7 35.5 78.2 27	1.0 0.0 0.05	1.0 0.0 0.267	51.0 70.0 29.7 76.1 23	1.0 0.0 0.05			
30	388	384	1.0 0.0 0.072	50.8 69.6 40.2 80.4 30	1.0 0.0 0.133	50.9 69.6 37.0 78.8 28	1.0 0.0 0.033	1.0 0.0 0.244	51.0 69.9 31.1 76.5 24	1.0 0.0 0.033			
31	389	385	1.0 0.0 0.041	50.7 69.6 41.8 81.2 31	1.0 0.0 0.102	50.8 69.6 38.6 79.6 29	1.0 0.0 0.017	1.0 0.0 0.216	50.9 69.9 32.6 77.1 25	1.0 0.0 0.017			
32	390	385	1.0 0.0 0.01	50.7 69.5 43.4 82.0 32	1.0 0.0 0.072	50.8 69.6 40.2 80.4 30	1.0 0.0 0.0	1.0 0.0 0.216	50.9 69.9 32.6 77.1 25	1.0 0.0 0.0			

OE370-7N, Page of series 20/20, RX0, D50, XYZnw=3.4, 3.5, 2.8, 87.2, 90.7, 72.4, LAB*nw=22.0, 0.6, 0.5, 96.3, -0.4, 2.2, not adapted

Output: Offset print ORS40_18_96; separation cmyn6*, D65 and D50, page 20/20

TUB-test chart OE37; 48 and 360 step hue circles, Page 20/20
Data of Offset print ORS40_18_96, separation cmyn6*, D65 and D50

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

TUB registration: 20110301-OE37/OE37L0NA.TXT /PS
application for measurement of printer or monitor systems

TUB material: code=rha4ta