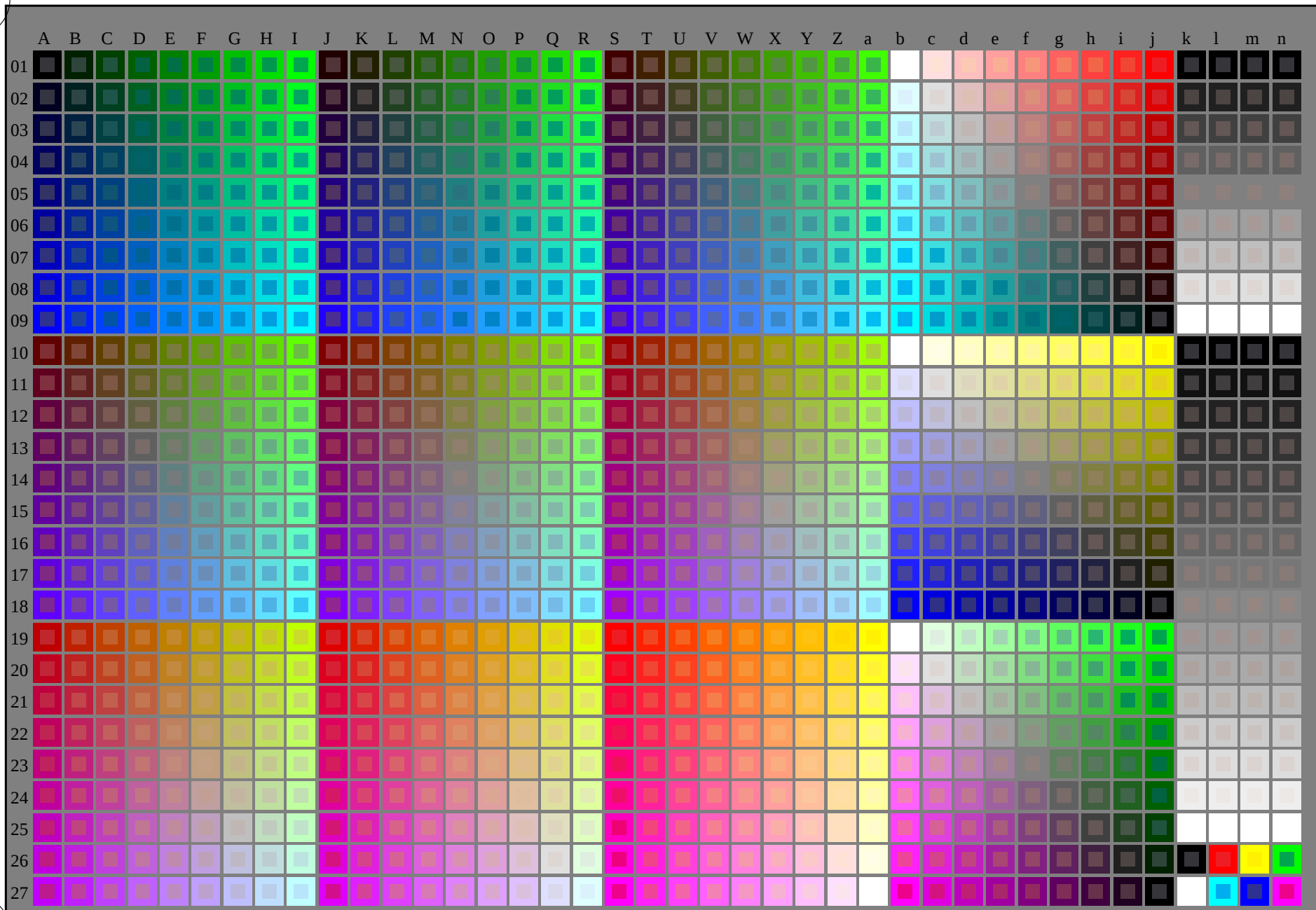


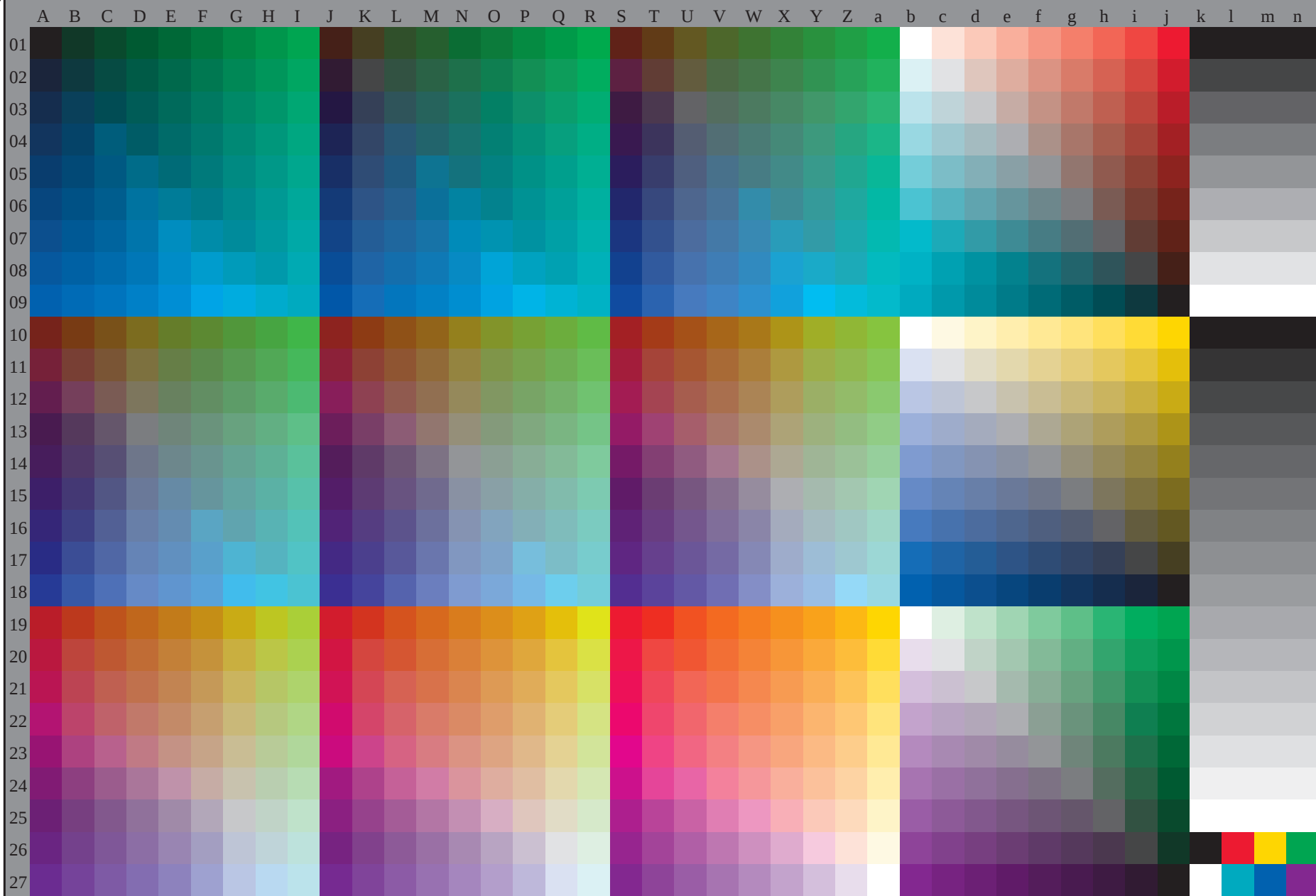
voir des fichiers similaires: <http://130.149.60.45/~farbmetrik/SF15/SF15.HTM>
informations techniques: <http://www.ps.bam.de> ou <http://130.149.60.45/~farbmetrik>



TUB enregistrement: 20130201-SF15/SF15L0NP.PDF /.PS
application pour la mesure des sorties sur offset
TUB matériel: code=rha4ta

voir des fichiers similaires: <http://130.149.60.45/~farbmetrik/SF15/SF15.HTM>
informations techniques: <http://www.ps.bam.de> ou <http://130.149.60.45/~farbmetrik>

TUB enregistrement: 20130201-SF15/SF15L0NP.PDF /.PS TUB matériel: code=rha4ta
application pour la mesure des sorties sur offset, séparationcmyn6 (CMYK)



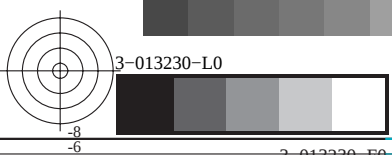
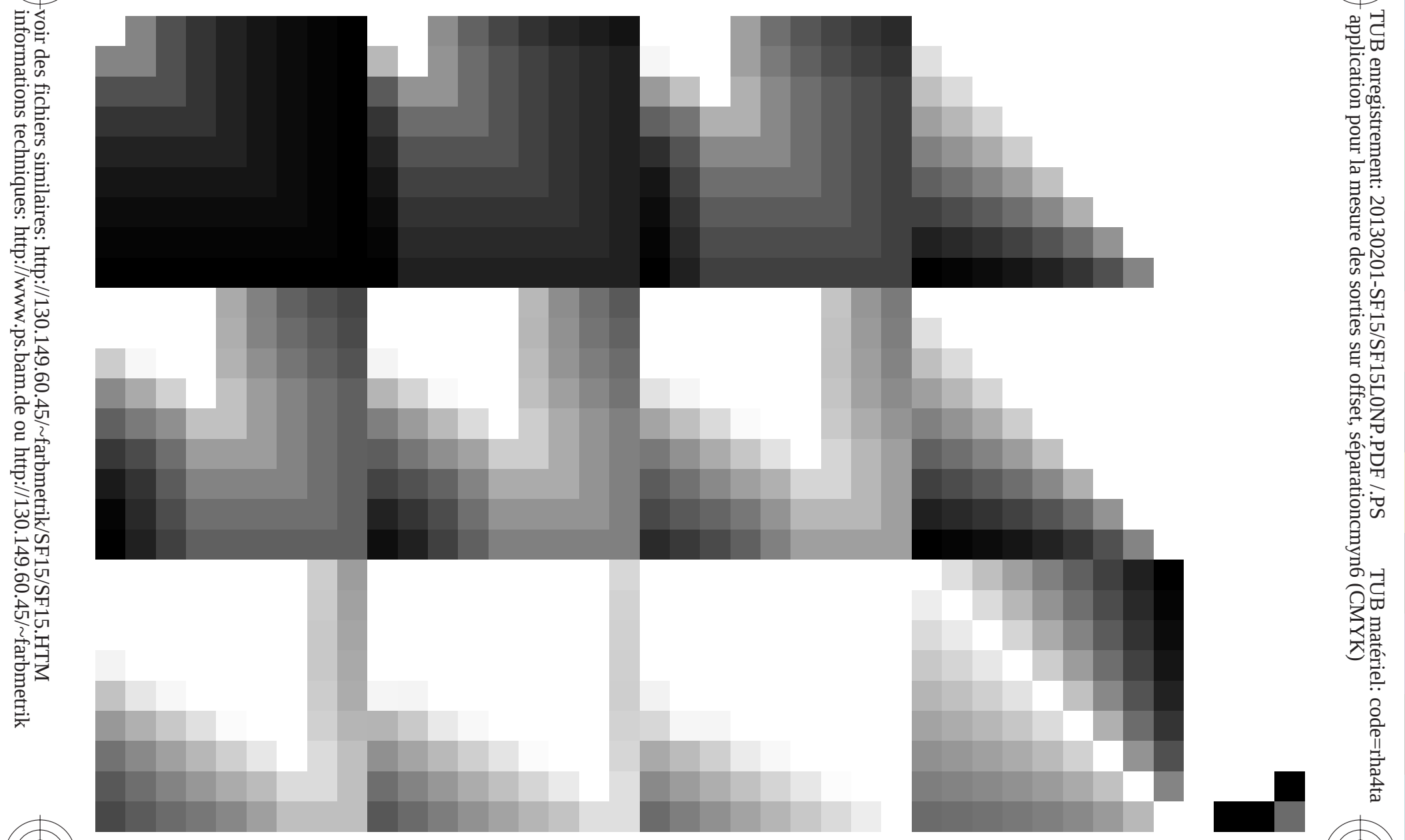
3-013130-L0

SF150-71

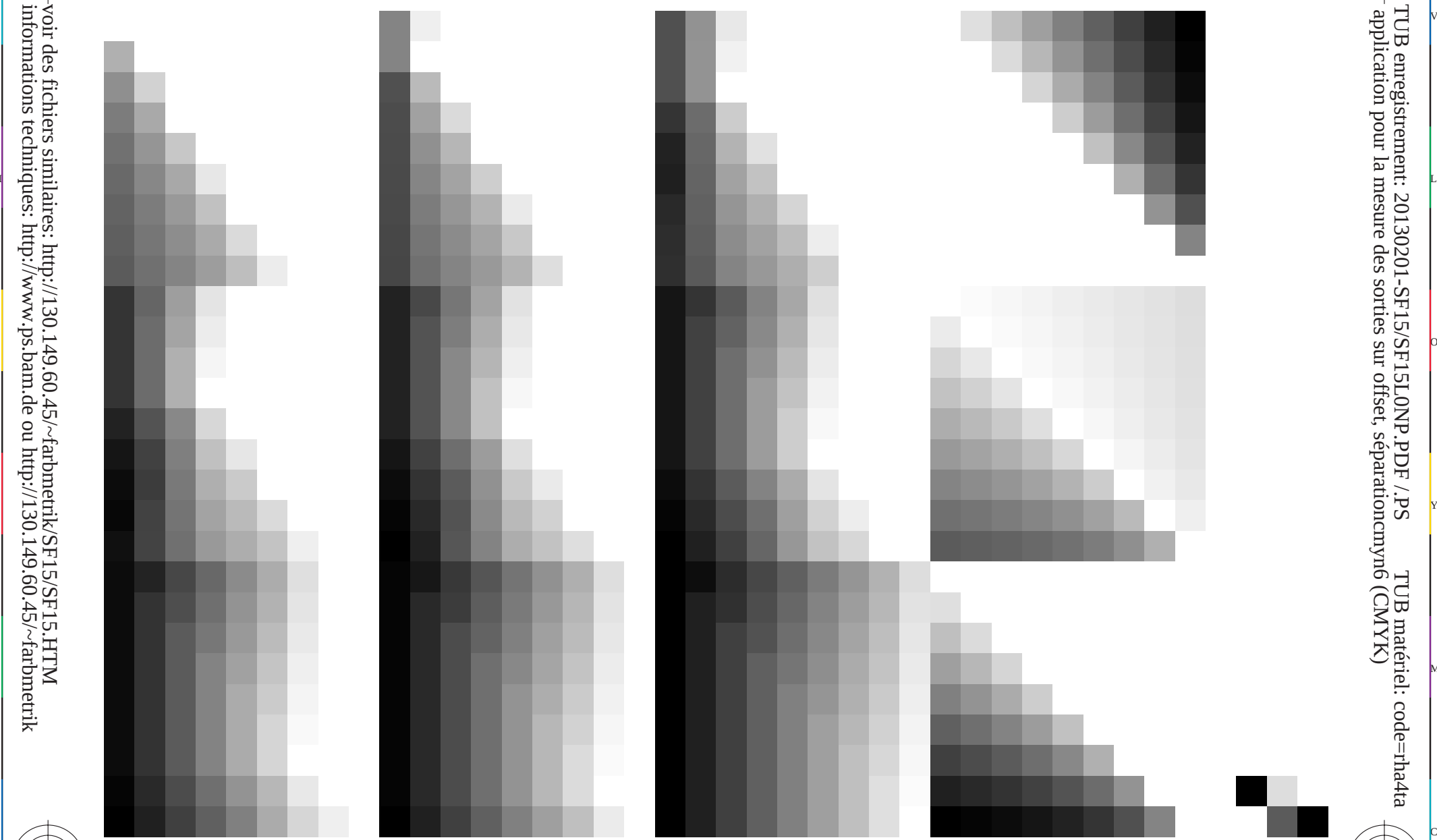
rgb (A_n), 3D = 0

graphique TUB-SF15; 1080 couleurs, papier standard offset entrée: *rgb/cmyk* -> *rgb_e*
graphique conforme à DIN 33872, 3D=0, de=1, *cmyk* sortie: transférer à *cmyk_e*

3-013130-F0

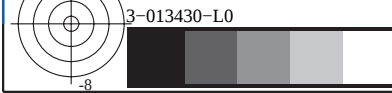
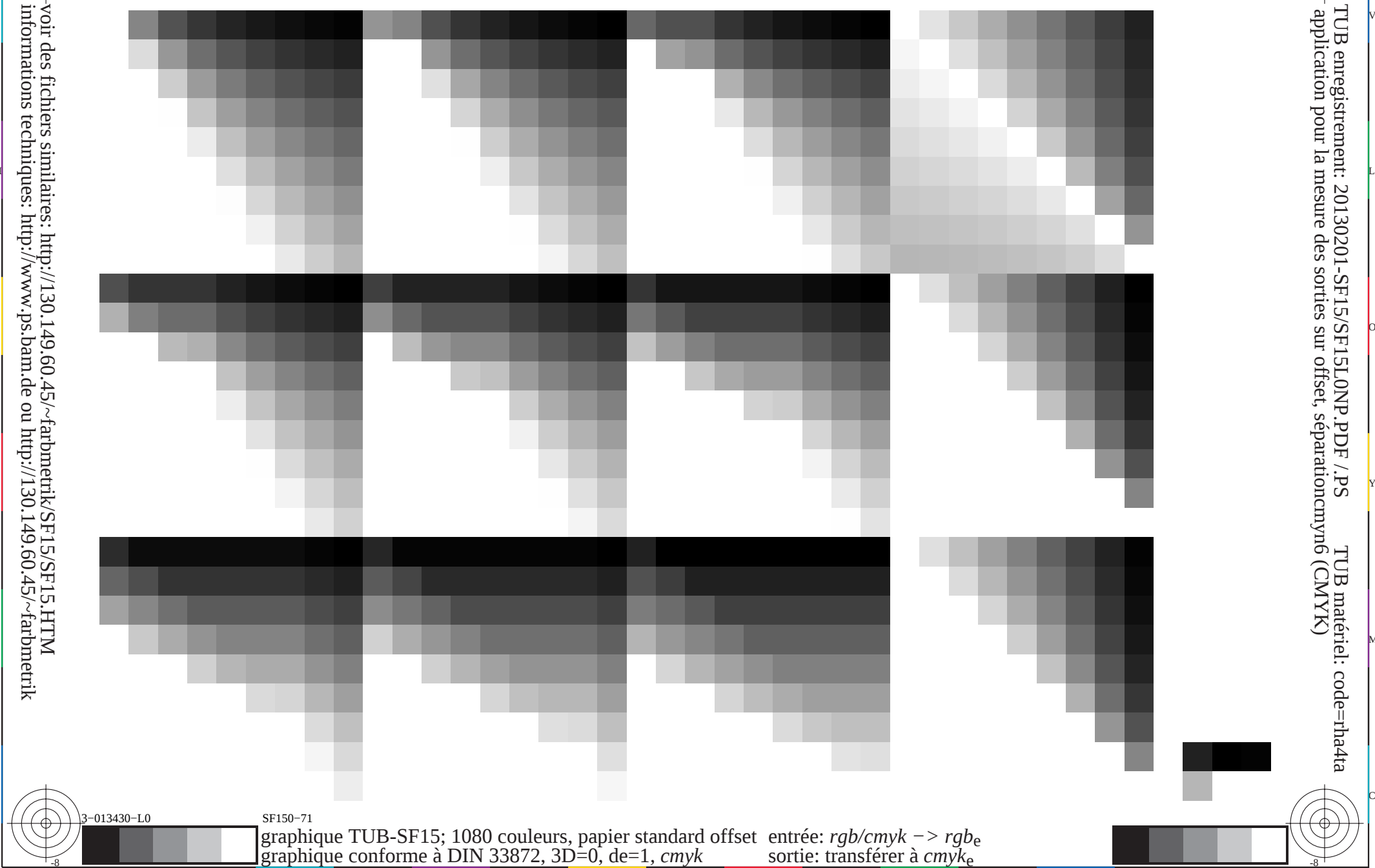
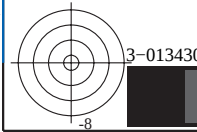
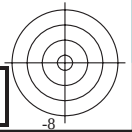


voir des fichiers similaires: <http://130.149.60.45/~farbmetrik/SF15/SF15.HTM>
informations techniques: <http://www.ps.bam.de> ou <http://130.149.60.45/~farbmetrik>



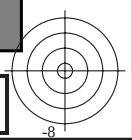
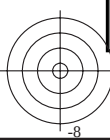
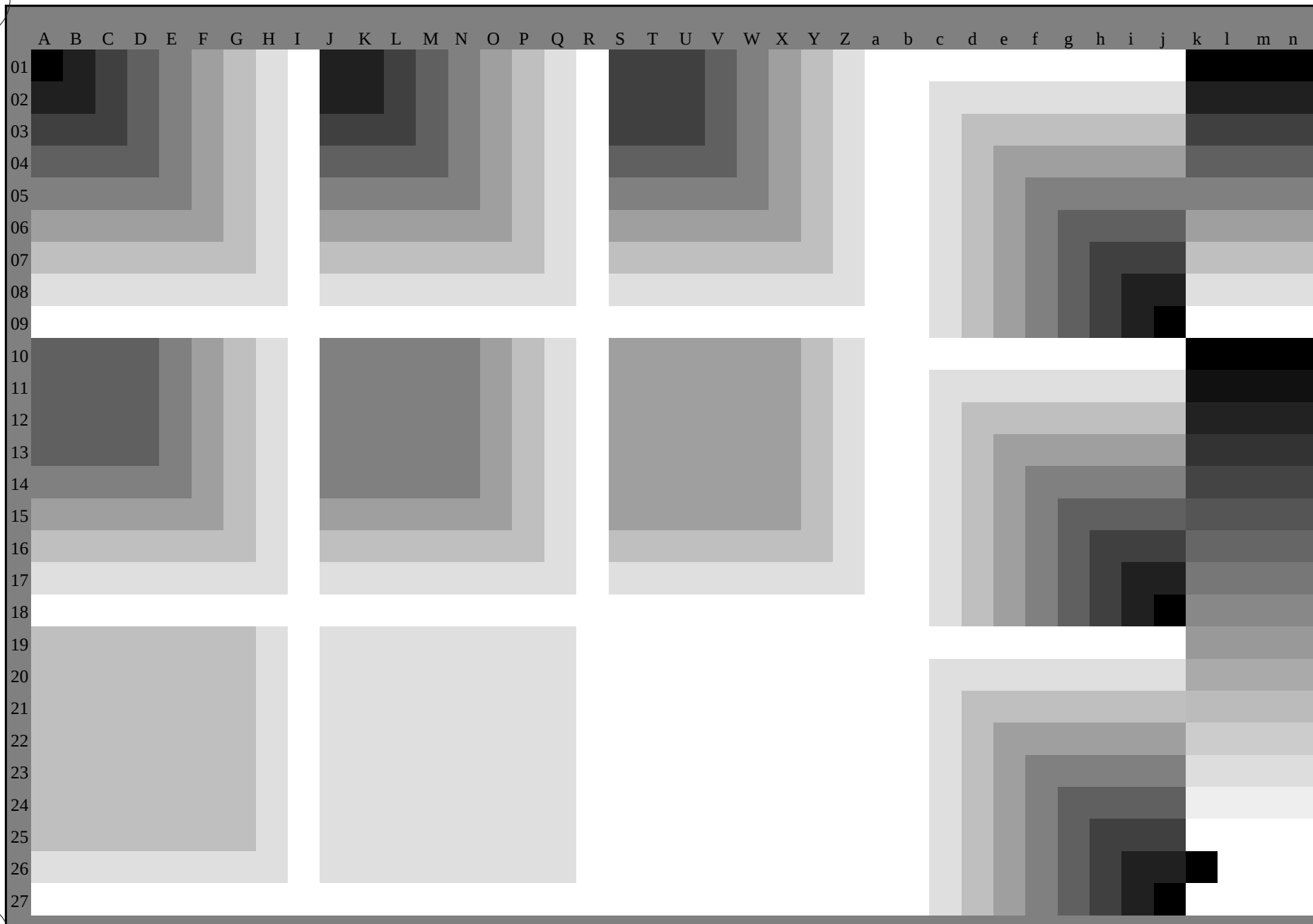
voir des fichiers similaires: <http://130.149.60.45/~farbmetrik/SF15/SF15.HTM>
informations techniques: <http://www.ps.bam.de> ou <http://130.149.60.45/~farbmetrik>







voir des fichiers similaires: <http://130.149.60.45/~farbmetrik/SF15/SF15.HTM>
informations techniques: <http://www.ps.bam.de> ou <http://130.149.60.45/~farbmetrik>



graphique TUB-SF15; 1080 couleurs, papier standard offset entrée: *rgb/cmyk* -> *rgb_e*
graphique conforme à DIN 33872, 3D=0, de=1, *cmyk* sortie: transférer à *cmyk_e*



TUB enregistrement: 20130201-SF15/SF15L0NP.PDF /.PS TUB matériel: code=rha4ta
application pour la mesure des sorties sur offset, séparationcmyb6 (CMYK)

Data of Maximum color M in colorimetric system Offset standard print; separation cmyn6*, D65 for input or output; Six hue angles of the 60 degree standard colours $RYGCBM_s$: $h_{ab,ds} = 30.0, 90.0, 150.0, 210.0, 270.0, 330.0$;
Six hue angles of the device colours $RYGCBM_d$: $h_{ab,d} = 30.4, 96.1, 161.6, 234.7, 295.7, 353.2$; Six hue angles of the elementary colours $RYGCBM_e$: $h_{ab,e} = 25.5, 92.3, 162.2, 217.0, 271.7, 328.6$

$J=Y_d$
 $LCH^*_d = 89.4 \ 89.6 \ 96.0$
 $LAB^*_d = 89.4 \ -9.5 \ 89.0$
 $rgb^*_d = 1.0 \ 1.0 \ 0.0$

$L=G_d$
 $LCH^*_d = 51.6 \ 73.1 \ 161.6$
 $LAB^*_d = 51.6 \ -69.3 \ 23.0$
 $rgb^*_d = 0.0 \ 1.0 \ 0.0$

$C=C_d$
 $LCH^*_d = 57.8 \ 55.3 \ 234.6$
 $LAB^*_d = 57.8 \ -31.9 \ -45.1$
 $rgb^*_d = 0.0 \ 1.0 \ 1.0$

$O=R_d$
 $LCH^*_d = 47.5 \ 76.0 \ 30.4$
 $LAB^*_d = 47.5 \ 65.5 \ 38.4$
 $rgb^*_d = 1.0 \ 0.0 \ 0.0$

$M=M_d$
 $LCH^*_d = 48.2 \ 74.7 \ 353.2$
 $LAB^*_d = 48.2 \ 74.2 \ -8.7$
 $rgb^*_d = 1.0 \ 0.0 \ 1.0$

$V=B_d$
 $LCH^*_d = 24.9 \ 53.0 \ 295.6$
 $LAB^*_d = 24.9 \ 22.9 \ -47.8$
 $rgb^*_d = 0.0 \ 0.0 \ 1.0$

Y_e
 $LCH^*_e = 85.1 \ 83.7 \ 92.3$
 $LAB^*_e = 85.1 \ -3.3 \ 83.7$
 $rgb^*_{de} = 1.0 \ 0.868 \ 0.0$

G_e
 $LCH^*_e = 51.7 \ 72.6 \ 162.2$
 $LAB^*_e = 51.7 \ -69.1 \ 22.1$
 $rgb^*_{de} = 0.0 \ 1.0 \ 0.011$

C_e
 $LCH^*_e = 56.3 \ 52.4 \ 216.9$
 $LAB^*_e = 56.3 \ -41.9 \ -31.5$
 $rgb^*_{de} = 0.0 \ 1.0 \ 0.712$

B_e
 $LCH^*_e = 36.7 \ 46.6 \ 271.7$
 $LAB^*_e = 36.7 \ 1.4 \ -46.6$
 $rgb^*_{de} = 0.0 \ 0.358 \ 1.0$

R_e
 $LCH^*_e = 47.6 \ 73.4 \ 25.4$
 $LAB^*_e = 47.6 \ 66.3 \ 31.6$
 $rgb^*_{de} = 1.0 \ 0.0 \ 0.131$

M_e
 $LCH^*_e = 34.9 \ 58.6 \ 328.6$
 $LAB^*_e = 34.9 \ 50.0 \ -30.5$
 $rgb^*_{de} = 0.42 \ 0.0 \ 1.0$

Y_s
 $LCH^*_s = 82.9 \ 81.0 \ 90.0$
 $LAB^*_s = 82.9 \ 0.0 \ 81.0$
 $rgb^*_{ds} = 1.0 \ 0.812 \ 0.0$

G_s
 $LCH^*_s = 56.4 \ 65.7 \ 150.0$
 $LAB^*_s = 56.4 \ -56.9 \ 32.8$
 $rgb^*_{ds} = 0.117 \ 1.0 \ 0.0$

C_s
 $LCH^*_s = 55.5 \ 52.6 \ 210.0$
 $LAB^*_s = 55.5 \ -45.6 \ -26.3$
 $rgb^*_{ds} = 0.0 \ 1.0 \ 0.63$

R_s
 $LCH^*_s = 47.5 \ 75.8 \ 30.0$
 $LAB^*_s = 47.5 \ 65.6 \ 37.9$
 $rgb^*_{ds} = 1.0 \ 0.0 \ 0.01$

M_s
 $LCH^*_s = 35.6 \ 59.1 \ 330.0$
 $LAB^*_s = 35.6 \ 51.2 \ -29.5$
 $rgb^*_{ds} = 0.443 \ 0.0 \ 1.0$

B_s
 $LCH^*_s = 37.5 \ 46.4 \ 270.0$
 $LAB^*_s = 37.5 \ 0.0 \ -46.4$
 $rgb^*_{ds} = 0.0 \ 0.38 \ 1.0$

$(a^*_d, b^*_d), (a^*_s, b^*_s), (a^*_e, b^*_e)$

$rgb^*_d, LCH^*_d, LAB^*_d$
 $h_{ab,s}, rgb^*_d$

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

$h_{ab,s}$

$s: h_{ab,i} = 30.0, 90.0, 150.0, 210.0, 270.0, 330.0, 390.0 (i=0,6)$

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

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

$h_{ab,e}$

$e: h_{ab,i} = 25.5, 92.3, 162.2, 217.0, 271.7, 328.6, 385.5 (i=0,6)$

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

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

$h_{ab,e}, h_{ab,d}$

rgb^*_{de}

3-013630-L0

SF150-71

$LAB^*_{la0}, YN=0\%, XYZ_{znw}=2.5, 2.6, 2.7, 86.0, 90.9, 95.9, LAB^*_{nw}=18.5, 0.0, 0.0, 96.4, 0.0, 0.0$

sortie: Offset standard print; separation cmyn6*, D65, page 7/33

graphique TUB-SF15; 1080 couleurs, papier standard offset entrée: $rgb/cmyk \rightarrow rgb_e$
cercle de teinte, 48 étapes; $rgb-LabCh^*$ tables, 3D=0, de=1, sortie: transférer à $cmyk_e$

3-013630-F0

Data of Maximum color M in colorimetric system Offset standard print; separation cmyn6*, D65 for input or output; Six hue angles of the 60 degree standard colours $RYGCBM_s$: $h_{ab,ds} = 30.0, 90.0, 150.0, 210.0, 270.0, 330.0$;
Six hue angles of the device colours $RYGCBM_d$: $h_{ab,d} = 30.4, 96.1, 161.6, 234.7, 295.7, 353.2$; Six hue angles of the elementary colours $RYGCBM_e$: $h_{ab,e} = 25.5, 92.3, 162.2, 217.0, 271.7, 328.6$

$h_{ab,d}$	$h_{ab,s}$	$h_{ab,e}$	rgb^*_{dd64M}	$LAB^*_{ddx64M} (x=LabCh)$	$rgb^*_{dex361M}$	$LAB^*_{dex361M}$	rgb^*_{dd}	rgb^*_{ds}	rgb^*_{de}	
30.4	30.0	25.4	1.0	0.0	0.0	47.5	65.5	38.4	76.0	30.4
37.2	37.5	33.8	1.0	0.125	0.0	51.5	56.6	43.1	71.2	37.2
47.2	45.0	42.1	1.0	0.25	0.0	56.6	45.8	49.4	67.4	47.2
58.6	52.5	50.5	1.0	0.375	0.0	62.3	34.4	56.4	66.1	58.6
69.1	60.0	58.8	1.0	0.5	0.0	68.1	24.0	63.0	67.4	69.1
80.3	67.5	67.2	1.0	0.625	0.0	74.9	12.1	71.5	72.5	80.3
87.4	75.0	75.6	1.0	0.75	0.0	80.5	3.4	78.0	78.1	87.4
92.5	82.5	83.9	1.0	0.875	0.0	85.4	-3.7	84.0	84.0	92.5
96.0	90.0	92.3	1.0	1.0	0.0	89.4	-9.5	89.0	89.6	96.0
99.5	97.5	101.0	0.875	1.0	0.0	86.7	-13.9	82.7	83.8	99.5
102.9	105.0	109.7	0.75	1.0	0.0	83.7	-17.7	77.1	79.2	102.9
107.9	112.5	118.5	0.625	1.0	0.0	77.9	-23.1	71.3	75.0	107.9
116.4	120.0	127.2	0.5	1.0	0.0	73.1	-30.2	60.8	67.9	116.4
124.5	127.5	136.0	0.375	1.0	0.0	68.8	-36.5	53.0	64.4	124.5
138.2	135.0	144.7	0.25	1.0	0.0	60.8	-47.5	42.4	63.7	138.2
149.2	142.5	153.4	0.125	1.0	0.0	56.7	-56.1	33.3	65.2	149.2
161.6	150.0	162.2	0.0	1.0	0.0	51.6	-69.3	23.0	73.1	161.6
168.3	157.5	169.0	0.0	1.0	0.125	52.3	-66.1	13.6	67.5	168.3
176.2	165.0	175.9	0.0	1.0	0.25	53.0	-61.8	4.0	61.9	176.2
186.9	172.5	182.7	0.0	1.0	0.375	53.8	-56.5	-6.8	56.9	186.9
198.8	180.0	189.6	0.0	1.0	0.5	54.6	-50.8	-17.3	53.7	198.8
209.5	187.5	196.4	0.0	1.0	0.625	55.4	-45.8	-25.9	52.6	209.5
220.1	195.0	203.2	0.0	1.0	0.75	56.6	-40.0	-33.7	52.4	220.1
227.6	202.5	210.1	0.0	1.0	0.875	57.2	-36.1	-39.6	53.6	227.6
234.6	210.0	216.9	0.0	1.0	1.0	57.8	-31.9	-45.1	55.3	234.6
238.7	217.5	223.8	0.0	0.875	1.0	54.9	-27.5	-45.3	53.0	238.7
244.0	225.0	230.6	0.0	0.75	1.0	51.3	-22.1	-45.6	50.7	244.0
250.7	232.5	237.5	0.0	0.625	1.0	47.2	-16.0	-45.9	48.7	250.7
260.4	240.0	244.3	0.0	0.5	1.0	42.3	-7.7	-46.3	46.9	260.4
270.4	247.5	251.2	0.0	0.375	1.0	37.3	0.3	-46.4	46.4	270.4
280.2	255.0	258.0	0.0	0.25	1.0	32.7	8.5	-47.0	47.8	280.2
289.3	262.5	264.8	0.0	0.125	1.0	28.1	16.7	-47.6	50.4	289.3
295.6	270.0	271.7	0.0	0.0	1.0	24.9	22.9	-47.8	53.0	295.6
305.9	277.5	278.8	0.125	0.0	1.0	27.8	31.4	-43.4	53.6	305.9
311.7	285.0	285.9	0.25	0.0	1.0	29.9	36.0	-40.4	54.1	311.7
325.9	292.5	293.0	0.375	0.0	1.0	33.7	47.7	-32.2	57.5	325.9
333.2	300.0	300.1	0.5	0.0	1.0	37.0	53.9	-27.1	60.4	333.2
339.6	307.5	307.2	0.625	0.0	1.0	40.2	59.7	-22.1	63.7	339.6
346.7	315.0	314.3	0.75	0.0	1.0	43.3	66.7	-15.7	68.5	346.7
350.3	322.5	321.4	0.875	0.0	1.0	45.9	70.7	-12.0	71.7	350.3
353.2	330.0	328.6	1.0	0.0	1.0	48.2	74.2	-8.7	74.7	353.2
356.1	337.5	335.7	1.0	0.0	0.875	48.2	73.1	-4.9	73.3	356.1
359.3	345.0	342.8	1.0	0.0	0.75	48.1	72.1	-0.7	72.1	359.3
364.0	352.5	349.9	1.0	0.0	0.625	48.0	70.7	4.9	70.9	364.0
369.2	360.0	357.0	1.0	0.0	0.5	47.8	69.7	11.3	70.6	369.2
375.0	367.5	364.1	1.0	0.0	0.375	47.8	68.2	18.3	70.6	375.0
380.8	375.0	371.2	1.0	0.0	0.25	47.8	67.0	25.4	71.7	380.8
385.7	382.5	378.3	1.0	0.0	0.125	47.6	66.2	31.9	73.5	385.7
390.4	390.0	385.4	1.0	0.0	0.0	47.5	65.5	38.4	76.0	390.4

Data of Maximum color M in colorimetric system Offset standard print; separation cmyn6*, D65 for input or output; Six hue angles of the 60 degree standard colours $RYGCBM_s$: $h_{ab,ds} = 30.0, 90.0, 150.0, 210.0, 270.0, 330.0$; Six hue angles of the device colours $RYGCBM_d$: $h_{ab,d} = 30.4, 96.1, 161.6, 234.7, 295.7, 353.2$; Six hue angles of the elementary colours $RYGCBM_e$: $h_{ab,e} = 25.5, 92.3, 162.2, 217.0, 271.7, 328.6$

sortie: Offset standard print; separation cmyn6*, D65, page 12/33

3-0131130-F0

voir des fichiers similaires: <http://130.149.60.45/~farbmetrik/SF15/SF15.HTM>
 informations techniques: <http://www.ps.ban.de> ou <http://130.149.60.45/~farbmetrik>

Data of Maximum color M in colorimetric system Offset standard print; separation cmy ^{6*} , D65 for input or output; Six hue angles of the 60 degree standard colours $RYGCBM_s$: $h_{ab,s} = 30.0, 90.0, 150.0, 210.0, 270.0, 330.0$; Six hue angles of the device colours $RYGCBM_d$: $h_{ab,d} = 30.4, 96.1, 161.6, 234.7, 295.7, 353.2$; Six hue angles of the elementary colours $RYGCBM_e$: $h_{ab,e} = 25.5, 92.3, 162.2, 217.0, 271.7, 328.6$																																			
$h_{ab,d}$	$h_{ab,s}$	$h_{ab,e}$	rgb^*_{dd361M} LAB [*] _{ddx361Mi} (x=LabCh)						$rgb^*_{ds361Mi}$ LAB [*] _{dsx361Mi} (x=LabCh)						$rgb^*_{dd361Mi}$ LAB [*] _{de361Mi} (x=LabCh)						$rgb^*_{dd361Mi}$ LAB [*] _{de361Mi} (x=LabCh)														
176	165	175	0.0	1.0	0.25	53.0	-61.8	4.0	61.9	176	0.0	1.0	0.063	52.0	-67.8	18.2	70.3	165	0.0	1.0	0.25	0.0	1.0	0.244	53.0	-62.0	4.4	62.2	175	0.0	1.0	0.25			
177	166	176	0.0	1.0	0.266	53.1	-61.2	2.4	61.3	177	0.0	1.0	0.082	52.1	-67.3	16.8	69.5	166	0.0	1.0	0.267	0.0	1.0	0.257	53.1	-61.5	3.4	61.7	176	0.0	1.0	0.267			
179	167	177	0.0	1.0	0.283	53.2	-60.6	0.9	60.6	179	0.0	1.0	0.1	52.2	-66.8	15.4	68.6	167	0.0	1.0	0.283	0.0	1.0	0.267	53.2	-61.2	2.4	61.3	177	0.0	1.0	0.283			
180	168	178	0.0	1.0	0.3	53.3	-59.9	-0.5	59.9	180	0.0	1.0	0.119	52.3	-66.2	14.1	67.8	168	0.0	1.0	0.3	0.0	1.0	0.278	53.2	-60.8	1.4	60.9	178	0.0	1.0	0.3			
181	169	179	0.0	1.0	0.316	53.4	-59.2	-2.0	59.3	181	0.0	1.0	0.136	52.4	-65.7	12.8	67.1	169	0.0	1.0	0.317	0.0	1.0	0.289	53.3	-60.3	0.5	60.4	179	0.0	1.0	0.317			
183	170	180	0.0	1.0	0.333	53.5	-58.5	-3.4	58.6	183	0.0	1.0	0.151	52.5	-65.3	11.5	66.4	170	0.0	1.0	0.333	0.0	1.0	0.299	53.4	-59.9	-0.4	60.0	180	0.0	1.0	0.333			
184	171	181	0.0	1.0	0.35	53.7	-57.7	-4.8	57.9	184	0.0	1.0	0.167	52.6	-64.8	10.3	65.7	171	0.0	1.0	0.35	0.0	1.0	0.31	53.4	-59.5	-1.3	59.6	181	0.0	1.0	0.35			
186	172	182	0.0	1.0	0.366	53.8	-56.9	-6.1	57.3	186	0.0	1.0	0.183	52.7	-64.2	9.0	65.0	172	0.0	1.0	0.367	0.0	1.0	0.321	53.5	-59.0	-2.3	59.1	182	0.0	1.0	0.367			
187	173	183	0.0	1.0	0.383	53.9	-56.2	-7.6	56.7	187	0.0	1.0	0.199	52.8	-63.7	7.8	64.3	173	0.0	1.0	0.383	0.0	1.0	0.332	53.6	-58.5	-3.2	58.7	183	0.0	1.0	0.383			
189	174	184	0.0	1.0	0.4	54.0	-55.5	-9.0	56.3	189	0.0	1.0	0.214	52.9	-63.1	6.6	63.6	174	0.0	1.0	0.4	0.0	1.0	0.342	53.7	-58.0	-4.1	58.3	184	0.0	1.0	0.4			
190	175	185	0.0	1.0	0.416	54.1	-54.8	-10.5	55.8	190	0.0	1.0	0.23	52.9	-62.5	5.5	62.9	175	0.0	1.0	0.417	0.0	1.0	0.353	53.7	-57.5	-5.0	57.9	185	0.0	1.0	0.417			
192	176	185	0.0	1.0	0.433	54.2	-54.1	-11.9	55.4	192	0.0	1.0	0.246	53.0	-61.9	4.3	62.2	176	0.0	1.0	0.433	0.0	1.0	0.364	53.8	-57.0	-5.0	57.4	185	0.0	1.0	0.433			
194	177	186	0.0	1.0																															

sortie: Offset standard print; separation cmyn6*, D65, page 13/33

graphique TUB-SF15; 1080 couleurs, papier standard offset entrée: *rgb/cmyk* -> *rgb*
cercle de teinte, 48 étapes; *rgb-LabCh** tables, 3D=0, de=1, *soy*: transférer à *cmyk*

3-0131230-F0

voir des fichiers similaires: <http://130.149.60.45/~farbmetrik/SF15/SF15.HTM>
 informations techniques: <http://www.ps.bam.de> ou <http://130.149.60.45/~farbmetrik>

Data of Maximum color M in colorimetric system Offset standard print; separation cmyn*6, D65 for input or output; Six hue angles of the 60 degree standard colours $RYGCBM_{\lambda}$; $h_{ab,ds} = 30.0, 90.0, 150.0, 210.0, 270.0, 330.0$;

Six hue angles of the device colours $RYGCBM_d$: $h_{ab,d} = 30.4, 96.1, 161.6, 234.7, 295.7, 353.2$; Six hue angles of the elementary colours $RYGCBM_e$: $h_{ab,e} = 25.5, 92.3, 162.2, 217.0, 271.7, 328.6$

$h_{ab}, h_{ab,s}, h_{ab,e}$			$rgb^*dd361M$							$LAB^*ddx361Mi(x=LabCh)$							$rgb^*ds361Mi$							$LAB^*dsx361Mi(x=LabCh)$							$rgb^*dd361Mi$							$rgb^*de361Mi$							$LAB^*dex361Mi(x=LabCh)$							$rgb^*dd361Mi$						
280	255	258	0.0	0.25	1.0	32.7	8.5	-47.0	47.8	280	0.0	0.57	1.0	45.1	-12.3	-46.2	47.9	255	0.0	0.25	1.0	0.0	0.531	1.0	43.6	-9.7	-46.3	47.4	258	0.0	0.25	1.0																										
281	256	258	0.0	0.233	1.0	32.1	9.5	-47.2	48.1	281	0.0	0.557	1.0	44.6	-11.5	-46.2	47.8	256	0.0	0.233	1.0	0.0	0.519	1.0	43.1	-8.9	-46.3	47.2	258	0.0	0.233	1.0																										
282	257	259	0.0	0.216	1.0	31.5	10.6	-47.3	48.5	282	0.0	0.545	1.0	44.1	-10.6	-46.3	47.6	257	0.0	0.217	1.0	0.0	0.507	1.0	42.7	-8.2	-46.2	47.1	259	0.0	0.217	1.0																										
283	258	260	0.0	0.2	1.0	30.9	11.7	-47.4	48.8	283	0.0	0.532	1.0	43.6	-9.8	-46.3	47.4	258	0.0	0.2	1.0	0.0	0.496	1.0	42.2	-7.4	-46.2	47.0	260	0.0	0.2	1.0																										
285	259	261	0.0	0.183	1.0	30.2	12.8	-47.5	49.2	285	0.0	0.519	1.0	43.1	-8.9	-46.3	47.2	259	0.0	0.183	1.0	0.0	0.484	1.0	41.7	-6.7	-46.3	46.9	261	0.0	0.183	1.0																										
286	260	262	0.0	0.166	1.0	29.6	13.9	-47.5	49.5	286	0.0	0.506	1.0	42.6	-8.1	-46.2	47.1	260	0.0	0.167	1.0	0.0	0.473	1.0	41.3	-5.9	-46.4	46.9	262	0.0	0.167	1.0																										
287	261	263	0.0	0.15	1.0	29.0	15.0	-47.6	49.9	287	0.0	0.493	1.0	42.1	-7.2	-46.3	46.9	261	0.0	0.15	1.0	0.0	0.461	1.0	40.8	-5.2	-46.4	46.8	263	0.0	0.15	1.0																										
288	262	264	0.0	0.133	1.0	28.4	16.1	-47.6	50.3	288	0.0	0.481	1.0	41.6	-6.4	-46.3	46.9	262	0.0	0.133	1.0	0.0	0.45	1.0	40.3	-4.4	-46.5	46.8	264	0.0	0.133	1.0																										
289	263	265	0.0	0.116	1.0	27.8	17.1	-47.6	50.6	289	0.0	0.468	1.0	41.1	-5.6	-46.4	46.8	263	0.0	0.117	1.0	0.0	0.439	1.0	39.9	-3.7	-46.5	46.7	265	0.0	0.117	1.0																										
290	264	266	0.0	0.1	1.0	27.4	17.9	-47.7	50.9	290	0.0	0.455	1.0	40.6	-4.8	-46.4	46.8	264	0.0	0.1	1.0	0.0	0.427	1.0	39.4	-2.9	-46.5	46.7	266	0.0	0.1	1.0																										
291	265	267	0.0	0.083	1.0	27.0	18.8	-47.7	51.3	291	0.0	0.443	1.0	40.1	-4.0	-46.5	46.7	265	0.0	0.083	1.0	0.0	0.416	1.0	39.0	-2.2	-46.5	46.6	267	0.0	0.083	1.0																										
292	266	268	0.0	0.066	1.0	26.6	19.6	-47.8	51.6	292	0.0	0.43	1.0	39.6	-3.2	-46.5	46.7	266	0.0	0.067	1.0	0.0	0.404	1.0	38.5	-1.5	-46.5	46.6	268	0.0	0.067	1.0																										
293	267	269	0.0	0.049	1.0	26.2	20.4	-47.8	52.0	293	0.0	0.418	1.0	39.0	-2.3	-46.5	46.6	267	0.0	0.05	1.0	0.0	0.393	1.0	38.0	-0.7	-46.4	46.5	269	0.0	0.05	1.0																										
293	268	269	0.0	0.033	1.0	25.8	21.2	-47.8	52.3	293	0.0	0.405	1.0	38.5	-1.5	-46.5	46.6	268	0.0	0.033	1.0	0.0	0.381	1.0	37.6	0.0	-46.4	46.5	269	0.0	0.033	1.0																										
294	269	270	0.0	0.016	1.0	25.4	22.1	-47.8	52.7	294	0.0	0.393	1.0	38.0	-0.7	-46.4	46.5	269	0.0	0.017	1.0	0.0	0.37	1.0	37.1	0.7	-46.4	46.5	270	0.0	0.017	1.0																										
295	270	271	0.0	0.0	1.0	24.9	22.9	-47.8	53.0	295	B_d	0.0	0.38	1.0	37.5	0.0	-46.4	46.5	$270B_s$	0.0	0.0	1.0	0.0	0.358	1.0	36.7	1.4	-46.5	46.7	$271B_e$	0.0	0.0	1.0																									
297	271	272	0.016	0.0	1.0	25.3	24.1	-47.3	53.1	297	0.0	0.368	1.0	37.0	0.8	-46.4	46.6	271	0.017	0.0	1.0	0.0	0.346	1.0	36.3	2.2	-46.6	46.8	272	0.017	0.0	1.0																										
298	272	273	0.033	0.0	1.0	25.7	25.3	-46.8	53.2	298	0.0	0.355	1.0	36.6	1.6	-46.6	46.7	272	0.033	0.0	1.0	0.0	0.334	1.0	35.8	3.0	-46.7	46.9	273	0.033	0.0	1.0																										
299	273	274	0.05	0.0	1.0	26.1	26.4	-46.2	53.3	299	0.0	0.342	1.0	36.1	2.5	-46.7	46.8	273	0.05	0.0	1.0	0.0	0.322	1.0	35.4	3.8	-46.8	47.0	274	0.05	0.0	1.0																										
301	274	275	0.066	0.0	1.0	26.5	27.6	-45.7	53.3	301	0.0	0.33	1.0	35.7	3.3	-46.7	47.0	274	0.067	0.0	1.0	0.0	0.31	1.0	35.0	4.5	-46.9	47.2	275	0.067	0.0	1.0																										
302	275	276	0.083	0.0	1.0	26.9	28.7	-45.1	53.4	302	0.0	0.317	1.0	35.2	4.1	-46.8	47.1	275	0.083	0.0	1.0	0.0	0.298	1.0	34.5	5.3	-46.9	47.3	276	0.083	0.0	1.0																										
303	276	277	0.1	0.0	1.0	27.2	29.8	-44.4	53.5	303	0.0	0.304	1.0	34.7	4.9	-46.9	47.2	276	0.1	0.0	1.0	0.0	0.286	1.0	34.1	6.1	-46.9	47.4	277	0.1	0.0	1.0																										
305	277	278	0.116	0.0	1.0	27.6	30.9	-43.8	53.6	305	0.0	0.291	1.0	34.3	5.8	-46.9	47.4	277	0.117	0.0	1.0	0.0	0.274	1.0	33.7	6.9	-47.0	47.6	278	0.117	0.0	1.0																										
306	278	279	0.133	0.0	1.0	28.0	31.7	-42.5	53.7	306	0.0	0.279	1.0	33.8	6.6	-46.9	47.5	278	0.133	0.0	1.0	0.0	0.262	1.0	33.2	7.7	-47.0	47.7	279	0.133	0.0	1.0																										
307	279	280	0.15	0.0	1.0	28.2	32.4	-42.8	53.7	307	0.0	0.266	1.0	33.4	7.5	-47.0	47.6	279	0.15	0.0	1.0	0.0	0.25	1.0	32.8	8.5	-47.0	47.8	280	0.15	0.0	1.0																										
307	280	281	0.166	0.0	1.0	28.5	33.0	-42.5	53.8	307	0.0	0.253	1.0	32.9	8.3	-47.0	47.8	280	0.167	0.0	1.0	0.0	0.237	1.0	32.3	9.4	-47.1	48.1	281	0.167	0.0	1.0																										
308	281	282	0.183	0.0	1.0	28.8	33.6	-42.1	53.9	308	0.0	0.24	1.0	32.4	9.2	-47.0	48.0	281	0.183	0.0	1.0	0.0	0.224	1.0	31.8	10.2	-47.2	48.4	282	0.183	0.0	1.0																										
309	282	283	0.2	0.0	1.0	29.1	34.2	-41.6	53.9	309	0.0	0.226	1.0	31.9	10.0	-47.2	48.3	282	0.2	0.0	1.0	0.0	0.211	1.0	31.3	11.0	-47.3	48.6	283	0.2	0.0	1.0																										
310	283	284	0.216	0.0	1.0	29.4	34.8	-41.2	54.0	310	0.0	0.213	1.0	31.4	10.9	-47.3	48.6	283	0.217	0.0	1.0	0.0	0.198	1.0	30.8	11.9	-47.4	48.9	284	0.217	0.0	1.0																										
310	284	285	0.233	0.0	1.0	29.6	35.4	-40.8	54.1	310	0.0	0.199	1.0	30.9	11.8	-47.4	48.9	284	0.233	0.0	1.0	0.0	0.185	1.0	30.4	12.7	-47.4	49.2	285	0.233	0.0	1.0																										
311	285	285	0.25	0.0	1.0	29.9	36.0	-40.4	54.1	311	0.0	0.185	1.0	30.4	12.7	-47.4	49.2	285	0.25	0.0	1.0	0.0	0.172	1.0	29.9	13.6	-47.5	49.5	285	0.25	0.0	1.0																										
313	286	286	0.266	0.0	1.0	30.4	37.7	-39.5	54.6	313	0.0	0.172	1.0	29.8	13.6	-47.5	49.5	286	0.267	0.0	1.0	0.0	0.159	1.0	29.4	14.5	-47.5	49.8	286	0.267	0.0	1.0																										
315	287	287	0.283	0.0	1.0	30.9	39.3	-38.5	55.0	315	0.0	0.158	1.0	29.3	14.6	-47.5	49.8	287	0.283	0.0	1.0	0.0	0.146	1.0	28.9	15.3	-47.5	50.0	287	0.283	0.0	1.0																										
317	288	288	0.3	0.0	1.0	31.5	40.9	-37.5	55.5	317	0.0	0.144	1.0	28.8	15.5	-47.5	50.1	288	0.3	0.0	1.0	0.0	0.133	1.0	28.4	16.2	-47.5	50.3	288	0.3	0.0	1.0																										
319	289	289	0.316	0.0	1.0	32.0	42.4	-36.4	55.9	319	0.0	0.13	1.0	28.3	16.4	-47.5	50.4	289	0.317	0.0	1.0	0.0	0.118	1.0	27.9	17.1	-47.5	50.6	289	0.317	0.0	1.0																										
321	290	290	0.333	0.0	1.0	32.5	44.0	-35.3	56.4	321	0.0	0.113	1.0	27.8	17.4	-47.6	50.7	290	0.333	0.0	1.0	0.0	0.099	1.0	27.5	18.0	-47.6	51.0	290	0.333	0.0	1.0																										
323	291	291	0.35	0.0	1.0	33.0	45.5	-34.1	56.9	323	0.0	0.093	1.0	27.3	18.3	-47.6	51.1	291	0.35	0.0	1.0	0.0	0.08	1.0	27.0	19.0	-47.7	51.4	291	0.35	0.0	1.0																										
325	292	292	0.366	0.0	1.0	33.5	47.0	-32.8	57.3	325	0.0	0.073	1.0	26.8	19.3	-47.7	51.6	292	0.367	0.0	1.0	0.0	0.061	1.0	26.5	19.9	-47.7	51.8	292	0.367	0.0	1.0																										
326	293	293	0.383	0.0	1.0	34.0	48.1	-31.9	57.7	326	0.0	0.053	1.0	26.3	20.3	-47.7	52.0	293	0.383	0.0	1.0	0.0	0.042	1.0	26.0	20.8	-47.8	52.2	293	0.383	0.0	1.0																										
327	294	294	0.4	0.0	1.0	34.4	49.0	-31.3	58.1	327	0.0	0.033	1.0	25.8	21.3	-47.8	52.4	294	0.4	0.0	1.0	0.0	0.023	1.0	25.6	21.8	-47.8	52.6	294	0.4	0.0	1.0																										
328	295	295	0.416	0.0	1.0	34.8	49.8	-30.6	58.5	328	0.0	0.013	1.0	25.3	22.3	-47.8	52.8	295	0.417	0.0	1.0	0.0	0.005	1.0	25.1	22.8	-47.8	53.0	295	0.417	0.0	1.0																										
329	296	296	0.433	0.0	1.0	35.3	50.6	-30.0	58.9	329	0.004	0.0	1.0	25.1	23.3	-47.6	53.1	296	0.433	0.0	1.0	0.009	0.0	1.0	25.2	23.6	-47.5	53.1	296	0.433	0.0	1.0																										
330	297	297	0.45	0.0	1.0	35.7	51.5	-29.3	59.2	330	0.016																																															

3-0131430-L0

SF150-71

LAB*la0, YN=0%, XYZnw=2.5, 2.6, 2.7, 86.0, 90.9, 95.9, LAB*nw=18.5, 0.0, 0.0, 96.4, 0.0, 0.0

sortie: Offset standard print; separation cmyn6*, D65, page 15/33

graphique TUB-SF15; 1080 couleurs, papier standard offset entrée: *rgb/cmyk* → *rgb_e*
cercle de teinte, 48 étapes; *rgb-LabCh** tables, 3D=0, de=1, *cmyk* → *cmyk_e*; transférer à *cmyk_e*

3-0131430-F0

TUB enregistrement: 20130201-SF15/SF15L0NP.PDF /.PS TUB matériel: code=rha4ta
+ application pour la mesure des sorties sur offset, séparationcmyb6 (CMYK)

TUB matériel: code=rha4ta
16 (CMYK)

voir des fichiers similaires: <http://130.149.60.45/~farbmetrik/SF15/SF15.HTM>
informations techniques: <http://www.ps.bam.de> ou <http://130.149.60.45/~farbmetrik>

TUB enregistrement: 20130201-SF15/SF15L0NP.PDF /.PS TUB matériel: code=rha4ta
application pour la mesure des sorties sur offset, séparationcmyb6 (CMYK)

n	HIC*Fe	rgb_Fe		ict_Fe		hsi_F,e	rgb*Fe		LabCh*Fe				rgb**Fe		LabCh**Fe				DE**Fe	hsiM,e	rgb*Me		LabCh*Me											
1053	NW_086e	0.866	0.866	0.866	0.866	0.0	0.866	360	0.866	0.866	0.866	85.9	0.0	0.0	0.0	0.0	0.866	0.866	0.866	91.0	0.0	-0.5	0.5	264.4	5.1	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0	0.0
1054	NW_093e	0.933	0.933	0.933	0.933	0.0	0.933	360	0.933	0.933	0.933	91.1	0.0	0.0	0.0	0.0	0.933	0.933	0.933	93.5	0.0	-0.3	0.3	271.8	2.4	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0	0.0
1055	NW_100e	1.0	1.0	1.0	1.0	0.0	1.0	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0	0.0	1.0	1.0	1.0	96.3	0.0	-0.1	0.1	284.8	0.1	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0	0.0
1056	NW_000e	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	18.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	19.2	0.0	0.0	0.0	6.0	0.7	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0	0.0
1057	NW_006e	0.066	0.066	0.066	0.066	0.0	0.066	360	0.066	0.066	0.066	23.6	0.0	0.0	0.0	0.0	0.066	0.066	0.066	24.0	0.0	-0.5	0.5	260.1	0.6	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0	0.0
1058	NW_013e	0.133	0.133	0.133	0.133	0.0	0.133	360	0.133	0.133	0.133	28.8	0.0	0.0	0.0	0.0	0.133	0.133	0.133	33.3	-0.3	-1.5	1.5	258.6	4.7	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0	0.0
1059	NW_020e	0.2	0.2	0.2	0.2	0.0	0.2	360	0.2	0.2	0.2	34.1	0.0	0.0	0.0	0.0	0.2	0.2	0.2	42.5	-0.3	-2.0	2.0	259.3	8.6	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0	0.0
1060	NW_026e	0.266	0.266	0.266	0.266	0.0	0.266	360	0.266	0.266	0.266	39.2	0.0	0.0	0.0	0.0	0.266	0.266	0.266	48.9	-0.3	-2.2	2.2	260.4	9.9	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0	0.0
1061	NW_033e	0.333	0.333	0.333	0.333	0.0	0.333	360	0.333	0.333	0.333	44.4	0.0	0.0	0.0	0.0	0.333	0.333	0.333	55.2	-0.3	-2.2	2.3	260.3	11.0	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0	0.0
1062	NW_040e	0.4	0.4	0.4	0.4	0.0	0.4	360	0.4	0.4	0.4	49.6	0.0	0.0	0.0	0.0	0.4	0.4	0.4	60.4	-0.3	-2.1	2.2	261.8	11.0	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0	0.0
1063	NW_046e	0.466	0.466	0.466	0.466	0.0	0.466	360	0.466	0.466	0.466	54.8	0.0	0.0	0.0	0.0	0.466	0.466	0.466	65.1	-0.2	-2.0	2.0	261.9	10.5	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0	0.0
1064	NW_053e	0.533	0.533	0.533	0.533	0.0	0.533	360	0.533	0.533	0.533	60.0	0.0	0.0	0.0	0.0	0.533	0.533	0.533	70.0	-0.2	-1.9	1.9	262.3	10.2	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0	0.0
1065	NW_060e	0.6	0.6	0.6	0.6	0.0	0.6	360	0.6	0.6	0.6	65.2	0.0	0.0	0.0	0.0	0.6	0.6	0.6	74.7	-0.2	-1.6	1.6	262.4	9.6	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0	0.0
1066	NW_066e	0.666	0.666	0.666	0.666	0.0	0.666	360	0.666	0.666	0.666	70.3	0.0	0.0	0.0	0.0	0.666	0.666	0.666	78.8	-0.1	-1.4	1.4	262.5	8.6	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0	0.0
1067	NW_073e	0.734	0.734	0.734	0.734	0.0	0.734	360	0.734	0.734	0.734	75.6	0.0	0.0	0.0	0.0	0.734	0.734	0.734	82.8	-0.1	-1.2	1.2	262.2	7.2	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0	0.0
1068	NW_080e	0.8	0.8	0.8	0.8	0.0	0.8	360	0.8	0.8	0.8	80.8	0.0	0.0	0.0	0.0	0.8	0.8	0.8	86.6	0.0	-0.9	0.9	264.2	5.8	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0	0.0
1069	NW_086e	0.866	0.866	0.866	0.866	0.0	0.866	360	0.866	0.866	0.866	85.9	0.0	0.0	0.0	0.0	0.866	0.866	0.866	90.9	0.0	-0.6	0.6	268.4	5.0	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0	0.0
1070	NW_093e	0.933	0.933	0.933	0.933	0.0	0.933	360	0.933	0.933	0.933	91.1	0.0	0.0	0.0	0.0	0.933	0.933	0.933	93.4	0.0	-0.3	0.3	272.6	2.3	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0	0.0
1071	NW_100e	1.0	1.0	1.0	1.0	0.0	1.0	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0	0.0	1.0	1.0	1.0	96.3	0.0	0.0	0.0	289.1	0.0	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0	0.0
1072	NW_000e	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	18.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	20.7	0.1	0.3	0.3	65.1	2.1	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0	0.0
1073	NW_100e	1.0	1.0	1.0	1.0	0.0	1.0	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0	0.0	1.0	1.0	1.0	96.6	0.0	0.0	0.0	196.8	0.2	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0	0.0
1074	R00Y_100_100e	1.0	0.0	0.0	1.0	1.0	0.5	390	1.0	0.0	0.131	47.6	66.3	31.6	73.4	25.4	1.0	0.0	0.0	45.6	67.7	39.1	78.2	30.0	7.8	383	1.0	0.0	0.131	47.6	66.3	31.6	73.4	25.4
1075	G50B_100_100e	0.0	1.0	1.0	1.0	1.0	0.5	210	0.0	1.0	0.712	56.3	-41.9	-31.5	52.4	216.9	0.0	1.0	1.0	56.4	-31.6	-46.1	55.9	235.5	17.8	193	0.0	1.0	0.712	56.3	-41.9	-31.5	52.4	216.9
1076	Y00G_100_100e	1.0	1.0	0.0	1.0	1.0	0.5	90	1.0	0.868	0.0	85.1	-3.3	83.7	83.7	92.3	1.0	1.0	0.0	87.9	-7.9	89.2	89.6	95.0	7.7	83	1.0	0.868	0.0	85.1	-3.3	83.7	83.7	92.3
1077	B00R_100_100e	0.0	0.0	1.0	1.0	1.0	0.5	270	0.0	0.358	1.0	36.7	1.4	-46.6	46.6	271.7	0.0	0.0	1.0	23.1	24.3	-46.5	52.5	297.6	26.6	249	0.0	0.358	1.0	36.7	1.4	-46.6	46.6	271.7
1078	G00B_100_100e	0.0	1.0	0.0	1.0	1.0	0.5	150	0.0	1.0	0.011	51.7	-69.1	22.1	72.6	162.2	0.0	1.0	0.0	48.7	-69.8	21.6	73.1	162.7	3.1	150	0.0	1.0	0.011	51.7	-69.1	22.1	72.6	162.2
1079	B50R_100_100e	1.0	0.0	1.0	1.0	1.0	0.5	330	0.42	0.0	1.0	34.9	50.0	-30.5	58.6	328.6	1.0	0.0	1.0	45.8	75.8	-5.0	76.0	356.2	37.8	294	0.42	0.0	1.0	34.9	50.0	-30.5	58.6	328.6

delta E* = 8.0

3-0133230-F0

SF150-7N, 33/33-F

graphique TUB-SF15; 1080 couleurs, papier standard offset entrée: *rgb/cmyk* -> *rgb_e*
couleurs et différences, ΔE^* , 3D=0, de=1, *cmyk* sortie: transférer à *cmyk_e*

3-0133230-F0