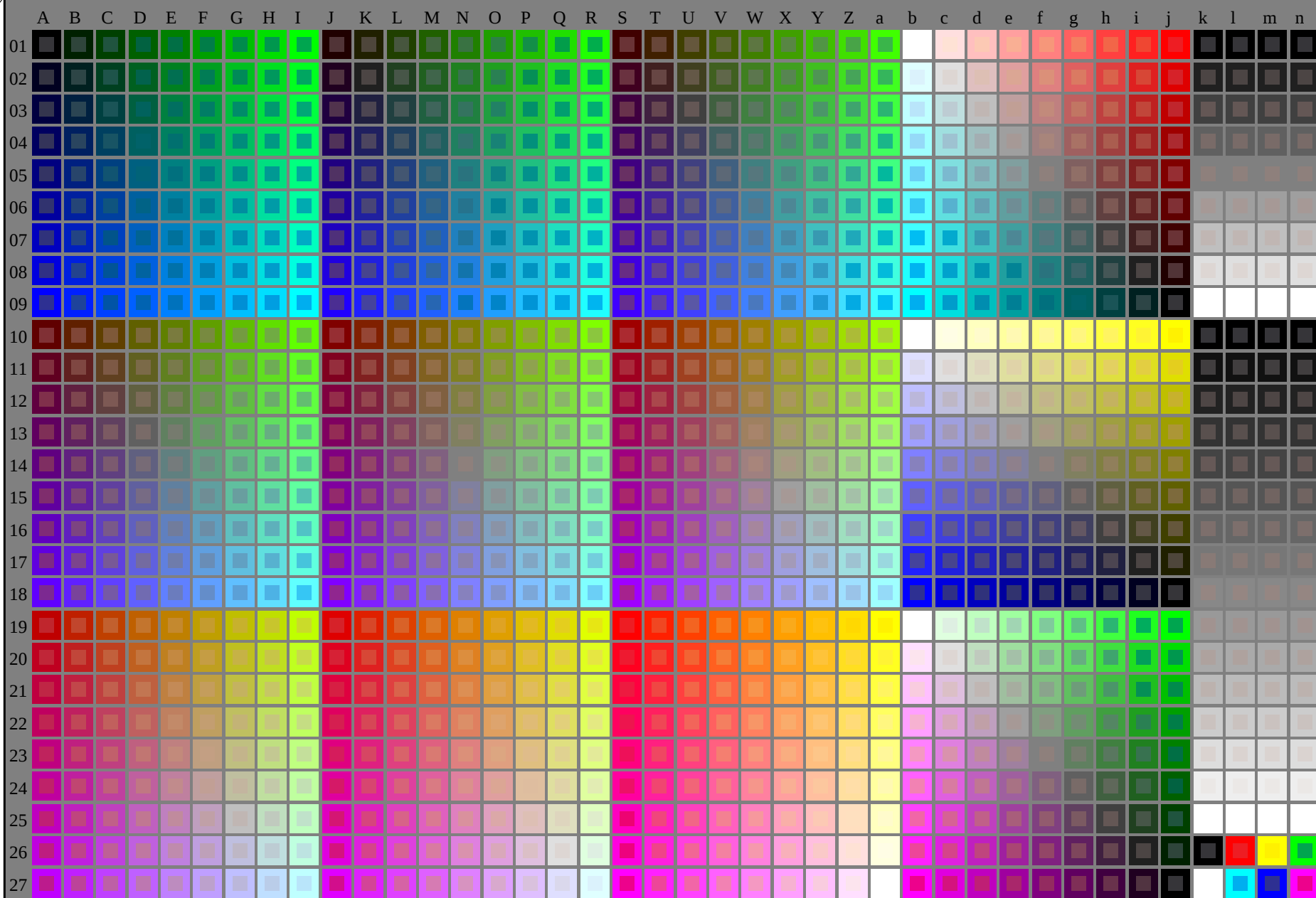


vedere dei file simili: <http://130.149.60.45/~farbmetrik/SI15/SI15.HTM>
informazioni tecniche: <http://www.ps.bam.de> o <http://130.149.60.45/~farbmetrik>



4-113030-L0

SI150-7N

rgb + cmy0 (A,j + k26,n27), 000n (k), w (l), nnn0 (m), www (n), 3D = 1

grafico TUB-SI15; 1080 colori, carta standard offset
grafico conformemente a DIN 33872

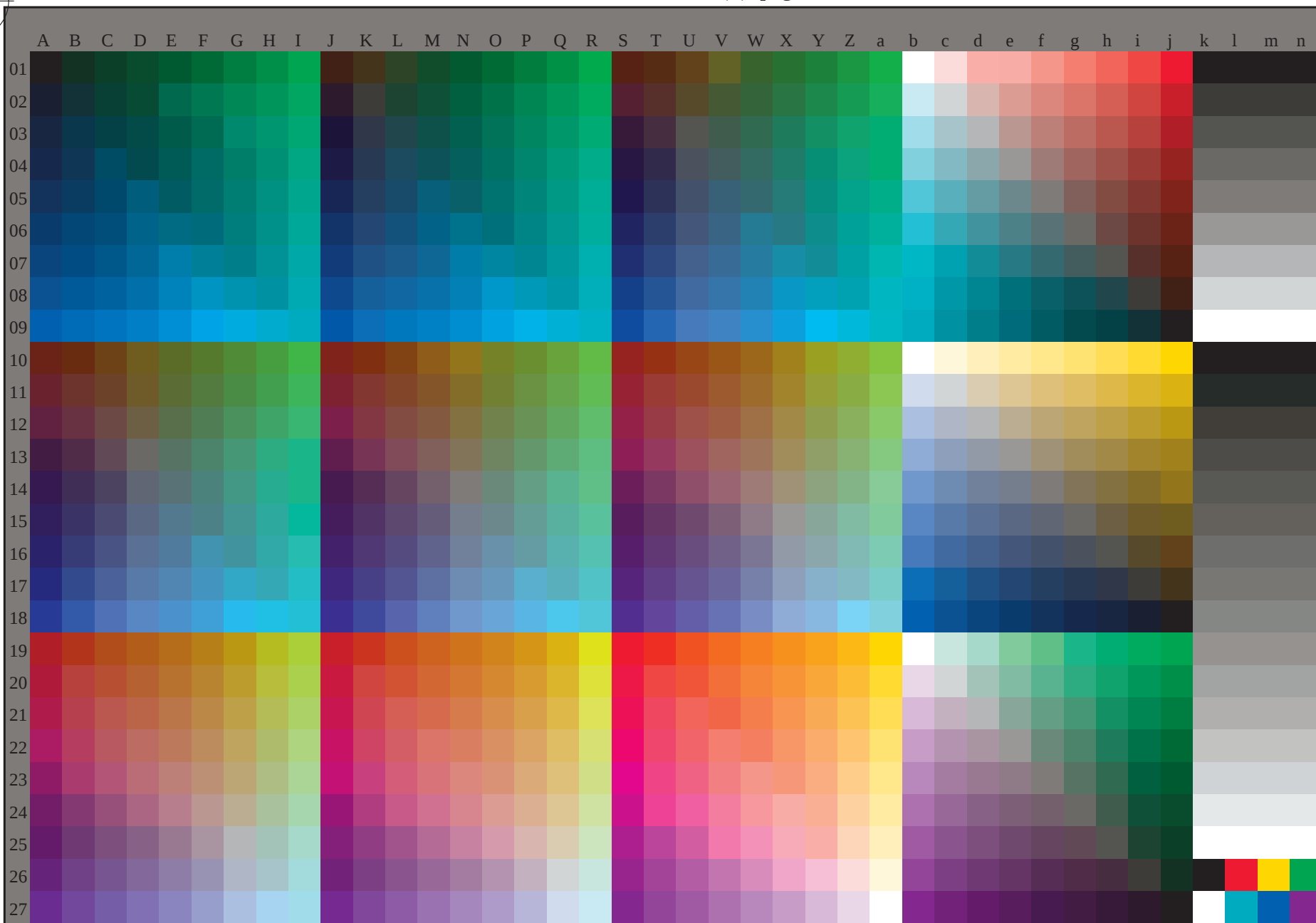
immettere: *rgb/cmyk* -> *rgb/cmyk*
uscita: nessun cambiamento

TUB iscrizione: 20130201-SI15/SI15L0FA.TXT / .PS
la domanda per la misura uscita nella stampa di offset

TUB materiale: code=rha4ta

vedere dei file simili: <http://130.149.60.45/~farbmetrik/SI15/SI15.HTM>
informazioni tecniche: <http://www.ps.bam.de> o <http://130.149.60.45/~farbmetrik>

TUB iscrizione: 20130201-SI15/SI15L0FA.TXT /.PS
la domanda per la misura uscita nella stampa di offset, separazionecmyk* (CMYK)
TUB materiale: code=rha4ta



4-113130-L0

SI150-73

rgb (A,n), 3D = 1

grafico TUB-SI15; 1080 colori, carta standard offset
grafico conformemente a DIN 33872, 3D=1, de=1, cmyk*

immettere: $rgb/cmyk \rightarrow rgb_{de}$
uscita: 3D-linearizzazzione a $cmyk^*_{de}$

4-113130-F0

C

M

Y

O

L

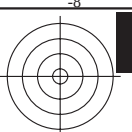
V



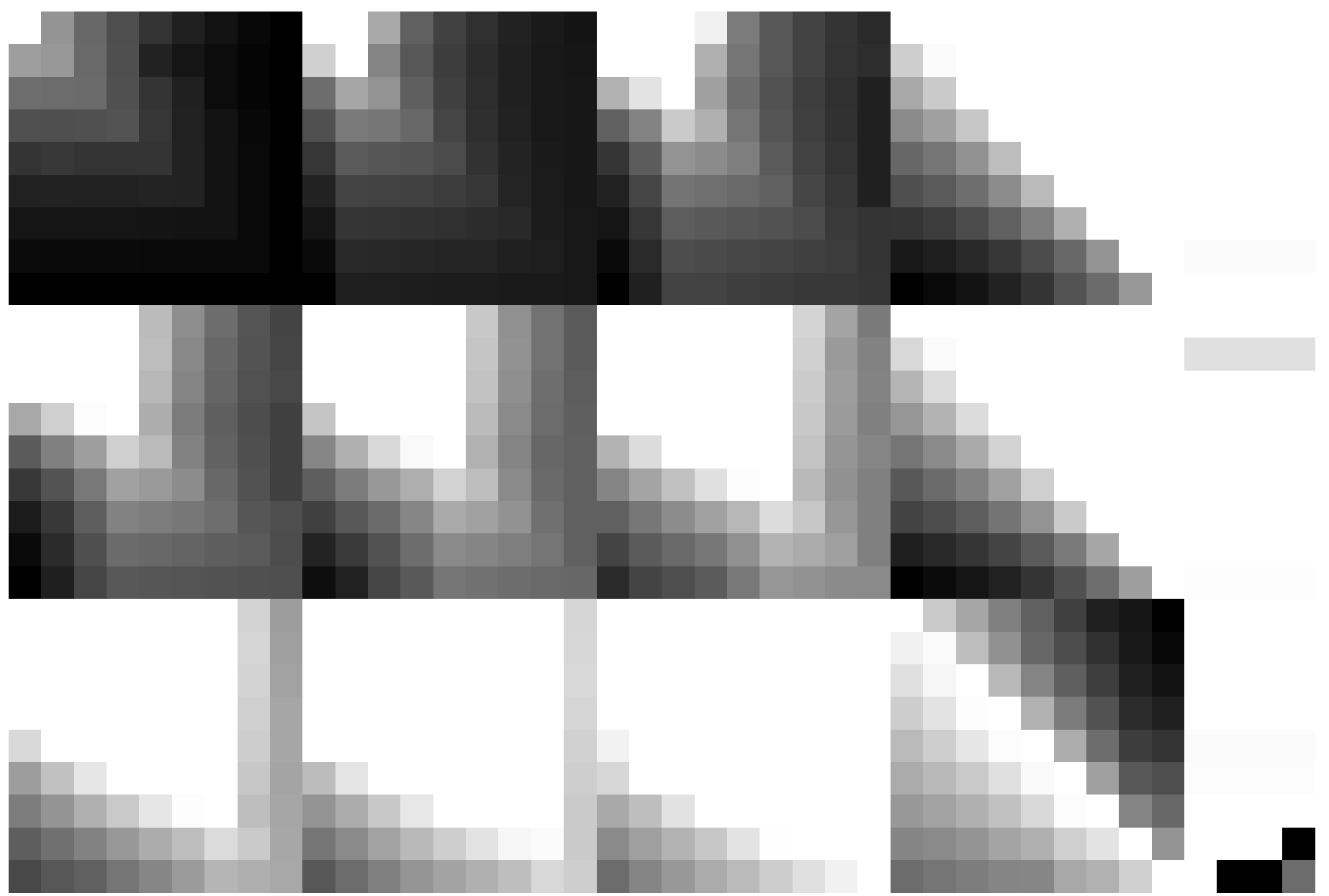
TUB iscrizione: 20130201-SI15/SI15L0FA.TXT /.PS
la domanda per la misura uscita nella stampa di offset, separazione cmyk* (CMYK)



http://130.149.60.45/~farbmetrik/SI15/SI15L0FA.TXT /.PS; 3D-linearizzazzione
F: 3D-linearizzazzione SI15/SI15LI30FA.DAT nel file (F), pagina 3/33



vedere dei file simili: <http://130.149.60.45/~farbmetrik/SI15/SI15.HTM>
informazioni tecniche: <http://www.ps.bam.de> o <http://130.149.60.45/~farbmetrik>

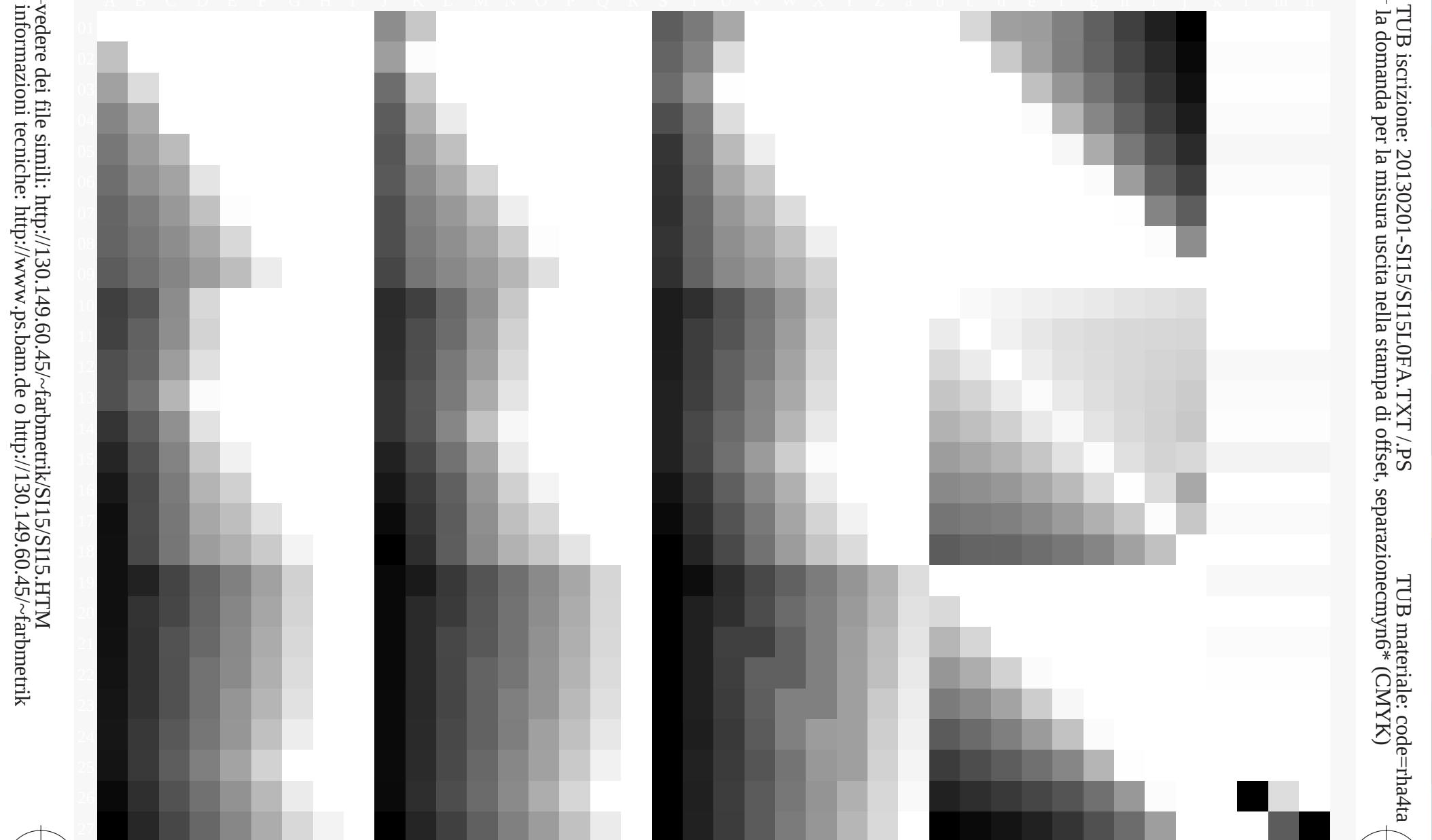
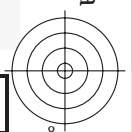
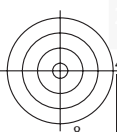
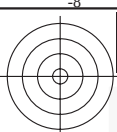


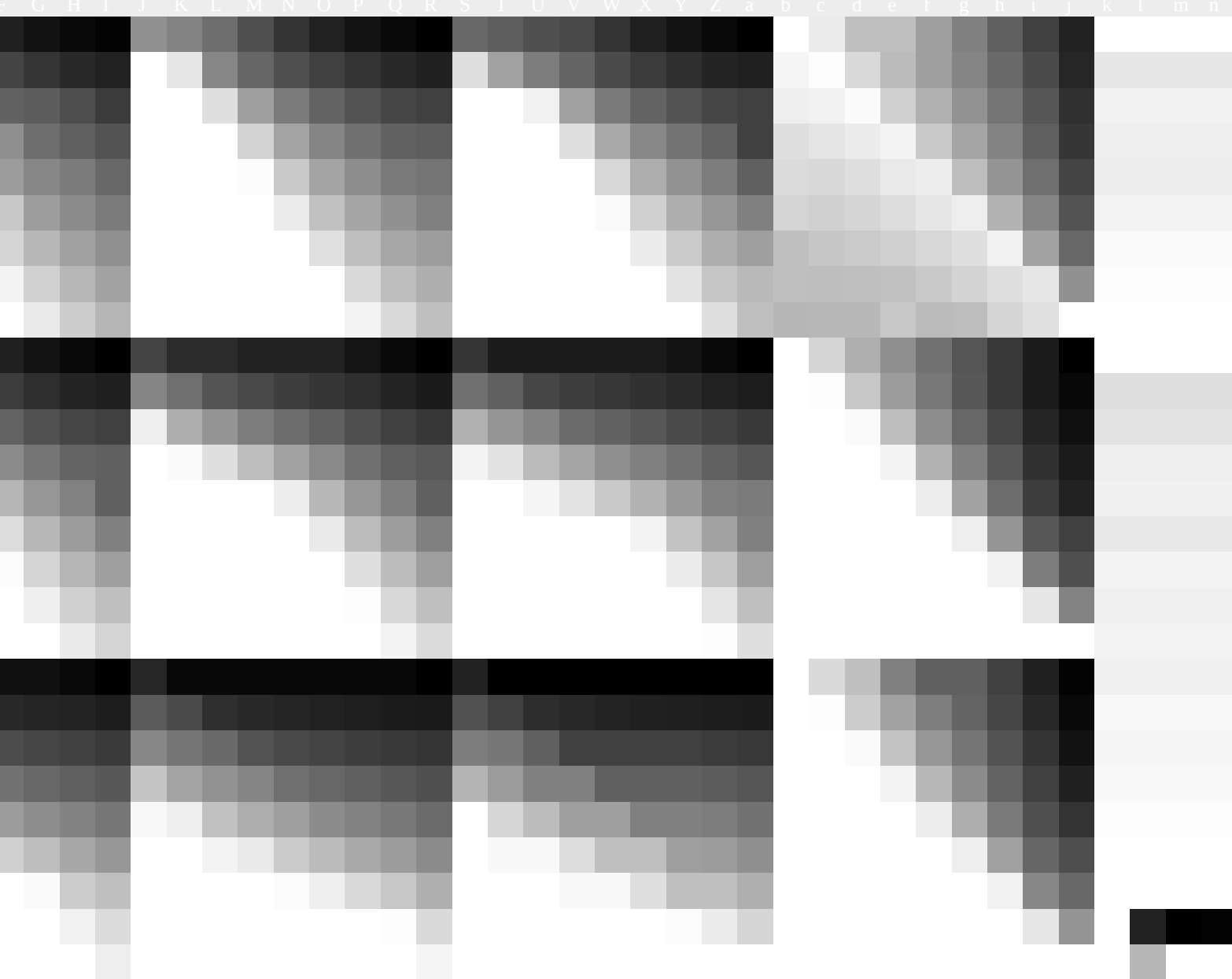
SI150-73
grafico TUB-SI15; 1080 colori, carta standard offset
grafico conformemente a DIN 33872, 3D=1, de=1, cmyk*

immettere: $rgb/cmyk \rightarrow rgb_{de}$
uscita: 3D-linearizzazzione a $cmyk^*_{de}$

4-113230-E0

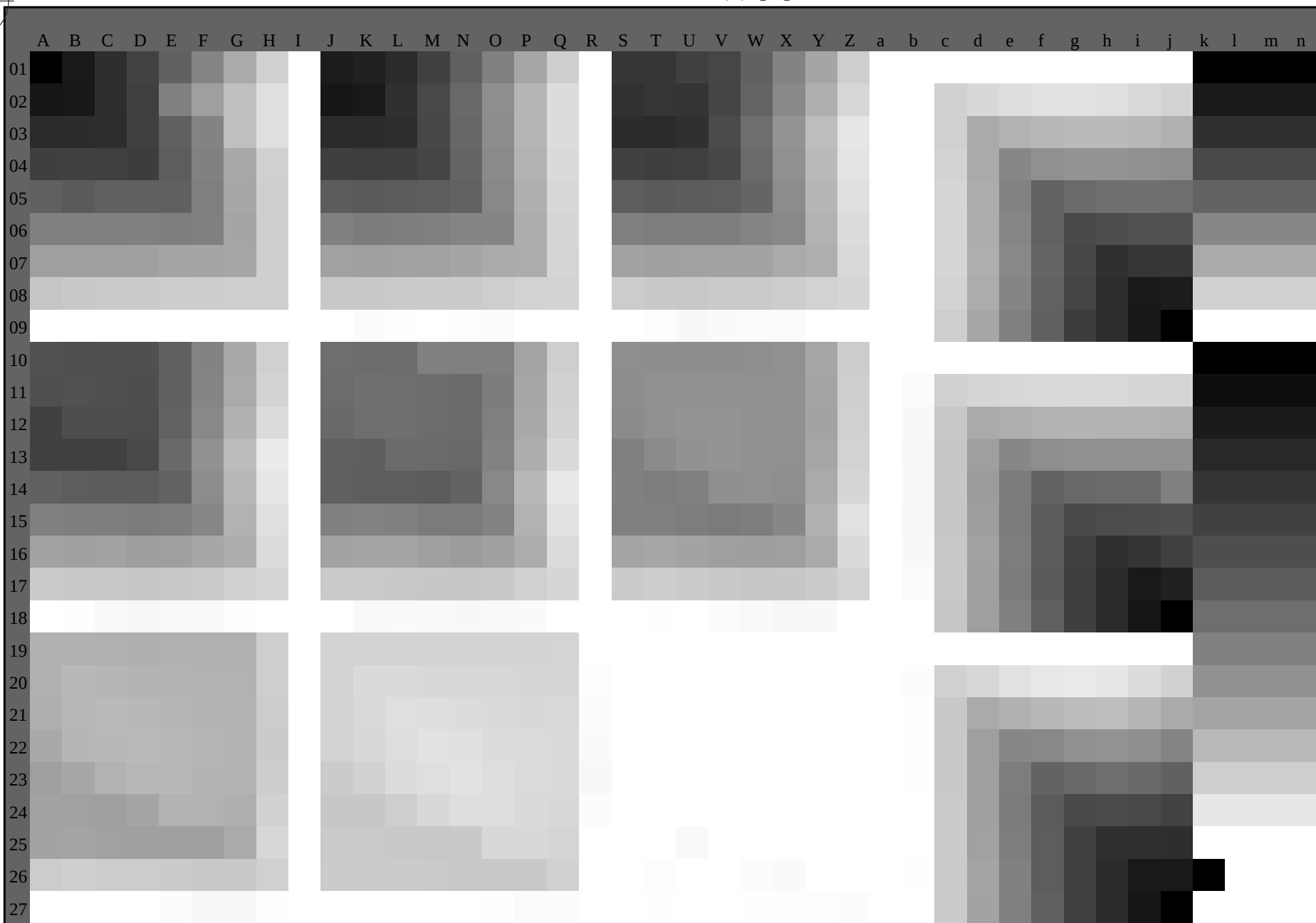
4-113230-L0





vedere dei file simili: <http://130.149.60.45/~farbmetrik/SI15/SI15.HTM>
informazioni tecniche: <http://www.ps.bam.de> o <http://130.149.60.45/~farbmetrik>

TUB iscrizione: 20130201-SI15/SI15L0FA.TXT /.PS
la domanda per la misura uscita nella stampa di offset, separazionecmyn6* (CMYK)
TUB materiale: code=rha4ta



4-113530-L0

SI150-73

,3D=1

grafico TUB-SI15; 1080 colori, carta standard offset
grafico conformemente a DIN 33872, 3D=1, de=1, cmyk*

immettere: $rgb/cmyk \rightarrow rgb_{de}$
uscita: 3D-linearizzazione a $cmyk^*_{de}$

4-113530-F0

C

M

Y

O

L

V

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

$LCH^*_s = 56.4 \ 65.7 \ 150.0$

$LAB^*_s = 56.4 \ -56.9 \ 32.8$

$rgb^*_{ds} = 0.117 \ 1.0 \ 0.0$

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^*, LCH^*, LAB^*

h_{ab}, rgb^*

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

$h_{ab,s}$

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

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

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

$h_{ab,e}$

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

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

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

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

rgb^*_{de}

4-113630-L0

SI150-73

$LAB^*Ia0, YN=0\%, XYZZnw=2.5, 2.6, 2.7, 86.0, 90.9, 95.9, LAB^*nw=18.5, 0.0, 0.0, 96.4, 0.0, 0.0$

uscita: Offset standard print; separation cmyn6*, D65, pagina 7/33

grafico TUB-SI15; 1080 colori, carta standard offset

immettere: $rgb/cmyk \rightarrow rgb_{de}$

cerchio delle tinte a 48 passi; $rgb-LabCh^*$ tavole, 3D=1, de=1, $cmyk \rightarrow 3D-linearizzazzione a cmyk^*_{de}$

4-113630-F0

Data of Maximum color M in colorimetric system Offset standard print; separation cmycn6*, D65 for input or output; Six hue angles of the 60 degree standard colours RYGBM_c: $h_{ab,ds} = 30.0, 90.0, 150.0, 210.0, 270.0, 330.0$;
Six hue angles of the device colours RYGBM_d: $h_{ab,d} = 30.4, 96.1, 161.6, 234.7, 295.7, 353.2$; Six hue angles of the elementary colours RYGBM_c: $h_{ab,e} = 25.5, 92.3, 162.2, 217.0, 271.7, 328.6$

$h_{ab,d}$	$h_{ab,s}$	$h_{ab,e}$	rgb^*_{dd64M}	LAB^*_{ddx64M} (x=LabCh)	$rgb^*_{ddx361M}$	$LAB^*_{ddx361M}$ (x=LabCh)	$rgb^*_{dsx361M}$	$LAB^*_{dsx361M}$ (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	1.0	0.0	0.0
37.2	37.5	33.8	1.0	0.125	0.0	51.5	56.6	43.1	71.2	37.2	1.0	0.125	0.0
47.2	45.0	42.1	1.0	0.25	0.0	56.6	45.8	49.4	67.4	47.2	1.0	0.25	0.0
58.6	52.5	50.5	1.0	0.375	0.0	62.3	34.4	56.4	66.1	58.6	1.0	0.375	0.0
69.1	60.0	58.8	1.0	0.5	0.0	68.1	24.0	63.0	67.4	69.1	1.0	0.5	0.0
80.3	67.5	67.2	1.0	0.625	0.0	74.9	12.1	71.5	72.5	80.3	1.0	0.625	0.0
87.4	75.0	75.6	1.0	0.75	0.0	80.5	3.4	78.0	78.1	87.4	1.0	0.75	0.0
92.5	82.5	83.9	1.0	0.875	0.0	85.4	-3.7	84.0	84.0	92.5	1.0	0.875	0.0
96.0	90.0	92.3	1.0	1.0	0.0	89.4	-9.5	89.0	89.6	96.0	1.0	1.0	0.0
99.5	97.5	101.0	0.875	1.0	0.0	86.7	-13.9	82.7	83.8	99.5	0.883	1.0	0.0
102.9	105.0	109.7	0.75	1.0	0.0	83.7	-17.7	77.1	79.2	102.9	0.75	1.0	0.0
107.9	112.5	118.5	0.625	1.0	0.0	77.9	-23.1	71.3	75.0	107.9	0.633	1.0	0.0
116.4	120.0	127.2	0.5	1.0	0.0	73.1	-30.2	60.8	67.9	116.4	0.5	1.0	0.0
124.5	127.5	136.0	0.375	1.0	0.0	68.8	-36.5	53.0	64.4	124.5	0.383	1.0	0.0
138.2	135.0	144.7	0.25	1.0	0.0	60.8	-47.5	42.4	63.7	138.2	0.25	1.0	0.0
149.2	142.5	153.4	0.125	1.0	0.0	56.7	-56.1	33.3	65.2	149.2	0.133	1.0	0.0
161.6	150.0	162.2	0.0	1.0	0.0	51.6	-69.3	23.0	73.1	161.6	0.0	1.0	0.0
168.3	157.5	169.0	0.0	1.0	0.125	52.3	-66.1	13.6	67.5	168.3	0.0	1.0	0.125
176.2	165.0	175.9	0.0	1.0	0.25	53.0	-61.8	4.0	61.9	176.2	0.0	1.0	0.25
186.9	172.5	182.7	0.0	1.0	0.375	53.8	-56.5	-6.8	56.9	186.9	0.0	1.0	0.375
198.8	180.0	189.6	0.0	1.0	0.5	54.6	-50.8	-17.3	53.7	198.8	0.0	1.0	0.5
209.5	187.5	196.4	0.0	1.0	0.625	55.4	-45.8	-25.9	52.6	209.5	0.0	1.0	0.625
220.1	195.0	203.2	0.0	1.0	0.75	56.6	-40.0	-33.7	52.4	220.1	0.0	1.0	0.75
227.6	202.5	210.1	0.0	1.0	0.875	57.2	-36.1	-39.6	53.6	227.6	0.0	1.0	0.875
234.6	210.0	216.9	0.0	1.0	1.0	57.8	-31.9	-45.1	55.3	234.6	0.0	1.0	1.0
238.7	217.5	223.8	0.0	0.875	1.0	54.9	-27.5	-45.3	53.0	238.7	0.0	0.883	1.0
244.0	225.0	230.6	0.0	0.75	1.0	51.3	-22.1	-45.6	50.7	244.0	0.0	0.75	1.0
250.7	232.5	237.5	0.0	0.625	1.0	47.2	-16.0	-45.9	48.7	250.7	0.0	0.633	1.0
260.4	240.0	244.3	0.0	0.5	1.0	42.3	-7.7	-46.3	46.9	260.4	0.0	0.5	1.0
270.4	247.5	251.2	0.0	0.375	1.0	37.3	0.3	-46.4	46.4	270.4	0.0	0.383	1.0
280.2	255.0	258.0	0.0	0.25	1.0	32.7	8.5	-47.0	47.8	280.2	0.0	0.25	1.0
289.3	262.5	264.8	0.0	0.125	1.0	28.1	16.7	-47.6	50.4	289.3	0.0	0.133	1.0
295.6	270.0	271.7	0.0	0.0	1.0	24.9	22.9	-47.8	53.0	295.6	0.0	0.0	1.0
305.9	277.5	278.8	0.125	0.0	1.0	27.8	31.4	-43.4	53.6	305.9	0.117	0.0	1.0
311.7	285.0	285.9	0.25	0.0	1.0	29.9	36.0	-40.4	54.1	311.7	0.25	0.0	1.0
325.9	292.5	293.0	0.375	0.0	1.0	33.7	47.7	-32.2	57.5	325.9	0.367	0.0	1.0
333.2	300.0	300.1	0.5	0.0	1.0	37.0	53.9	-27.1	60.4	333.2	0.5	0.0	1.0
339.6	307.5	307.2	0.625	0.0	1.0	40.2	59.7	-22.1	63.7	339.6	0.617	0.0	1.0
346.7	315.0	314.3	0.75	0.0	1.0	43.3	66.7	-15.7	68.5	346.7	0.75	0.0	1.0
350.3	322.5	321.4	0.875	0.0	1.0	45.9	70.7	-12.0	71.7	350.3	0.867	0.0	1.0
353.2	330.0	328.6	1.0	0.0	1.0	48.2	74.2	-8.7	74.7	353.2	1.0	0.0	1.0
356.1	337.5	335.7	1.0	0.0	0.875	48.2	73.1	-4.9	73.3	356.1	1.0	0.0	0.883
359.3	345.0	342.8	1.0	0.0	0.75	48.1	72.1	-0.7	72.1	359.3	1.0	0.0	0.75
364.0	352.5	349.9	1.0	0.0	0.625	48.0	70.7	4.9	70.9	364.0	1.0	0.0	0.633
369.2	360.0	357.0	1.0	0.0	0.5	47.8	69.7	11.3	70.6	369.2	1.0	0.0	0.5
375.0	367.5	364.1	1.0	0.0	0.375	47.8	68.2	18.3	70.6	375.0	1.0	0.0	0.383
380.8	375.0	371.2	1.0	0.0	0.25	47.8	67.0	25.4	71.7	380.8	1.0	0.0	0.25
385.7	382.5	378.3	1.0	0.0	0.125	47.6	66.2	31.9	73.5	385.7	1.0	0.0	0.133
390.4	390.0	385.4	1.0	0.0	0.0	47.5	65.5	38.4	76.0	390.4	1.0	0.0	0.0

4-113730-L0

SI150-73

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

uscita: Offset standard print; separation cmycn6*, D65, pagina 8/33

grafico TUB-SI15; 1080 colori, carta standard offset
cerchio delle tinte a 48 passi; $rgb-LabCh^*_{tavole}$, 3D=1, de=1, cmyk3D-linearizzazione a cmyk*_{de}

immettere: $rgb/cmyk \rightarrow rgb_{de}$
uscire: $cmyk3D-linearizzazione a cmyk^*_{de}$

4-113730-F0

vedere dei file simili: <http://130.149.60.45/~farbmetrik/SI15/SI15.HTM>
informazioni tecniche: <http://www.ps.bam.de> o <http://130.149.60.45/~farbmetrik>

TUB iscrizione: 20130201-SI15/SI15L0FA.TXT /.PS
la domanda per la misura uscita nella stampa di offset, separazione cmycn6* (CMYK)
TUB materiale: code=rha4ta

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

4-113830-L0

SI150-73

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

uscita: Offset standard print; separation cmyn6*, D65, pagina 9/33

grafico TUB-SI15; 1080 colori, carta standard offset
cerchio delle tinte a 48 passi; $rgb-LabCh^*_{tavole}$, 3D=1, de=1, $cmyn6^*_{3D}$ -linearizzazzione a $cmyn6^*_{de}$

immettere: $rgb/cmyk \rightarrow rgb_{de}$

uscire: $cmyn6^*_{3D}$ -linearizzazzione a $cmyn6^*_{de}$

4-113830-F0

TUB iscrizione: 20130201-SI15/SI15L0FA.TXT /.PS
la domanda per la misura uscita nella stampa di offset, separazione cmyn6* (CMYK)

TUB materiale: code=rha4ta

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^*_{dd361M}	$LAB^*_{dd361M}(x=LabCh)$	R_d	$rgb^*_{ds361Mi}$	$LAB^*_{ds361Mi}(x=LabCh)$	R_s	$rgb^*_{dd361Mi}$	$LAB^*_{de361Mi}(x=LabCh)$	R_e	$rgb^*_{dd361Mi}$	rgb^*_{dd}	rgb^*_{ds}	rgb^*_{de}
30	30	25	1.0 0.0 0.0	47.5 65.5 38.4	30	1.0 0.0 0.011	47.5 65.7 37.9	30	1.0 0.0 0.0	1.0 0.0 0.131	47.7 66.3 31.6	73.5 25	1.0 0.0 0.0		
31	31	26	1.0 0.016 0.0	48.0 64.4 39.2	31	1.0 0.011 0.0	47.9 64.8 39.0	31	1.0 0.017 0.0	1.0 0.0 0.102	47.6 66.2 33.1	74.0 26	1.0 0.017 0.0		
32	32	27	1.0 0.033 0.0	48.5 63.2 39.8	32	1.0 0.029 0.0	48.5 63.6 39.7	32	1.0 0.033 0.0	1.0 0.0 0.072	47.6 66.1 34.7	74.6 27	1.0 0.033 0.0		
33	33	28	1.0 0.05 0.0	49.1 62.0 40.5	33	1.0 0.047 0.0	49.0 62.3 40.4	33	1.0 0.05 0.0	1.0 0.0 0.043	47.6 65.9 36.3	75.2 28	1.0 0.05 0.0		
34	34	29	1.0 0.066 0.0	49.6 60.8 41.1	34	1.0 0.065 0.0	49.6 61.0 41.1	34	1.0 0.067 0.0	1.0 0.0 0.013	47.5 65.7 37.8	75.8 29	1.0 0.067 0.0		
34	35	31	1.0 0.083 0.0	50.2 59.6 41.7	34	1.0 0.084 0.0	50.2 59.7 41.8	35	1.0 0.083 0.0	1.0 0.012 0.0	47.9 64.8 39.0	75.6 31	1.0 0.083 0.0		
35	36	32	1.0 0.1 0.0	50.7 58.4 42.3	35	1.0 0.102 0.0	50.8 58.3 42.4	36	1.0 0.1 0.0	1.0 0.032 0.0	48.6 63.3 39.8	74.8 32	1.0 0.1 0.0		
36	37	33	1.0 0.116 0.0	51.2 57.2 42.8	36	1.0 0.12 0.0	51.4 57.0 43.0	37	1.0 0.117 0.0	1.0 0.052 0.0	49.2 61.9 40.6	74.0 33	1.0 0.117 0.0		
37	38	34	1.0 0.133 0.0	51.8 55.9 43.6	37	1.0 0.134 0.0	51.9 55.9 43.7	38	1.0 0.133 0.0	1.0 0.073 0.0	49.9 60.5 41.4	73.3 34	1.0 0.133 0.0		
39	39	35	1.0 0.15 0.0	52.5 54.5 44.5	39	1.0 0.147 0.0	52.4 54.8 44.4	39	1.0 0.15 0.0	1.0 0.093 0.0	50.5 59.0 42.1	72.5 35	1.0 0.15 0.0		
40	40	36	1.0 0.166 0.0	53.2 53.1 45.5	39	1.0 0.159 0.0	52.9 53.8 45.1	40	1.0 0.167 0.0	1.0 0.113 0.0	51.2 57.5 42.8	71.7 36	1.0 0.167 0.0		
41	41	37	1.0 0.183 0.0	53.9 51.7 46.3	40	1.0 0.172 0.0	53.5 52.7 45.8	41	1.0 0.183 0.0	1.0 0.131 0.0	51.8 56.2 43.5	71.1 37	1.0 0.183 0.0		
43	42	38	1.0 0.2 0.0	54.5 50.2 47.2	43	1.0 0.185 0.0	54.0 51.6 46.5	42	1.0 0.2 0.0	1.0 0.145 0.0	52.4 55.0 44.3	70.6 38	1.0 0.2 0.0		
44	43	39	1.0 0.216 0.0	55.2 48.7 48.0	44	1.0 0.197 0.0	54.5 50.5 47.1	43	1.0 0.217 0.0	1.0 0.159 0.0	52.9 53.8 45.1	70.2 39	1.0 0.217 0.0		
45	44	41	1.0 0.233 0.0	55.9 47.3 48.7	45	1.0 0.21 0.0	55.0 49.4 47.7	44	1.0 0.233 0.0	1.0 0.173 0.0	53.5 52.6 45.8	69.8 41	1.0 0.233 0.0		
47	45	42	1.0 0.25 0.0	56.6 45.8 49.4	47	1.0 0.222 0.0	55.5 48.3 48.3	45	1.0 0.25 0.0	1.0 0.187 0.0	54.1 51.4 46.6	69.4 42	1.0 0.25 0.0		
48	46	43	1.0 0.266 0.0	57.3 44.3 50.5	48	1.0 0.235 0.0	56.0 47.2 48.8	46	1.0 0.267 0.0	1.0 0.201 0.0	54.6 50.2 47.3	68.9 43	1.0 0.267 0.0		
50	47	44	1.0 0.283 0.0	58.1 42.8 51.5	50	1.0 0.247 0.0	56.5 46.1 49.4	47	1.0 0.283 0.0	1.0 0.215 0.0	55.2 48.9 47.9	68.5 44	1.0 0.283 0.0		
51	48	45	1.0 0.3 0.0	58.9 41.4 52.5	51	1.0 0.259 0.0	57.0 45.1 50.1	48	1.0 0.3 0.0	1.0 0.229 0.0	55.8 47.7 48.6	68.1 45	1.0 0.3 0.0		
53	49	46	1.0 0.316 0.0	59.6 39.8 53.5	53	1.0 0.27 0.0	57.5 44.1 50.7	49	1.0 0.317 0.0	1.0 0.243 0.0	56.3 46.5 49.2	67.7 46	1.0 0.317 0.0		
54	50	47	1.0 0.333 0.0	60.4 38.3 54.3	54	1.0 0.281 0.0	58.0 43.1 51.4	50	1.0 0.333 0.0	1.0 0.256 0.0	56.9 45.3 49.9	67.4 47	1.0 0.333 0.0		
56	51	48	1.0 0.35 0.0	61.2 36.7 55.2	56	1.0 0.292 0.0	58.5 42.2 52.1	51	1.0 0.35 0.0	1.0 0.268 0.0	57.5 44.2 50.7	67.2 48	1.0 0.35 0.0		
57	52	49	1.0 0.366 0.0	62.0 35.2 56.0	57	1.0 0.302 0.0	59.0 41.2 52.7	52	1.0 0.367 0.0	1.0 0.28 0.0	58.0 43.2 51.4	67.1 49	1.0 0.367 0.0		
59	53	51	1.0 0.383 0.0	62.7 33.7 56.9	59	1.0 0.313 0.0	59.6 40.2 53.3	53	1.0 0.383 0.0	1.0 0.293 0.0	58.6 42.1 52.1	67.0 51	1.0 0.383 0.0		
60	54	52	1.0 0.4 0.0	63.5 32.4 57.9	60	1.0 0.324 0.0	60.1 39.2 53.9	54	1.0 0.4 0.0	1.0 0.305 0.0	59.2 41.0 52.8	66.9 52	1.0 0.4 0.0		
62	55	53	1.0 0.416 0.0	64.2 31.1 58.8	62	1.0 0.335 0.0	60.6 38.2 54.5	55	1.0 0.417 0.0	1.0 0.317 0.0	59.7 39.9 53.5	66.7 53	1.0 0.417 0.0		
63	56	54	1.0 0.433 0.0	65.0 29.7 59.7	63	1.0 0.346 0.0	61.1 37.1 55.1	56	1.0 0.433 0.0	1.0 0.329 0.0	60.3 38.7 54.2	66.6 54	1.0 0.433 0.0		
64	57	55	1.0 0.45 0.0	65.8 28.3 60.6	64	1.0 0.357 0.0	61.6 36.1 55.6	57	1.0 0.45 0.0	1.0 0.341 0.0	60.8 37.6 54.8	66.5 55	1.0 0.45 0.0		
66	58	56	1.0 0.466 0.0	66.5 26.9 61.4	66	1.0 0.368 0.0	62.1 35.1 56.1	58	1.0 0.467 0.0	1.0 0.354 0.0	61.4 36.5 55.4	66.3 56	1.0 0.467 0.0		
67	59	57	1.0 0.483 0.0	67.3 25.4 62.2	67	1.0 0.379 0.0	62.6 34.1 56.7	59	1.0 0.483 0.0	1.0 0.366 0.0	62.0 35.3 56.0	66.2 57	1.0 0.483 0.0		
69	60	58	1.0 0.5 0.0	68.1 24.0 63.0	69	1.0 0.391 0.0	63.1 33.1 57.4	60	1.0 0.5 0.0	1.0 0.378 0.0	62.5 34.2 56.6	66.1 58	1.0 0.5 0.0		
70	61	60	1.0 0.516 0.0	69.0 22.5 64.2	70	1.0 0.403 0.0	63.7 32.2 58.1	61	1.0 0.517 0.0	1.0 0.391 0.0	63.1 33.1 57.4	66.3 60	1.0 0.517 0.0		
72	62	61	1.0 0.533 0.0	69.9 21.1 65.5	72	1.0 0.415 0.0	64.2 31.2 58.8	62	1.0 0.533 0.0	1.0 0.405 0.0	63.8 32.1 58.2	66.4 61	1.0 0.533 0.0		
73	63	62	1.0 0.55 0.0	70.8 19.6 66.6	73	1.0 0.427 0.0	64.8 30.3 59.4	63	1.0 0.55 0.0	1.0 0.418 0.0	64.4 31.0 58.9	66.6 62	1.0 0.55 0.0		
75	64	63	1.0 0.566 0.0	71.7 18.0 67.8	75	1.0 0.439 0.0	65.3 29.3 60.0	64	1.0 0.567 0.0	1.0 0.431 0.0	65.0 29.9 59.6	66.7 63	1.0 0.567 0.0		
76	65	64	1.0 0.583 0.0	72.6 16.4 68.9	76	1.0 0.451 0.0	65.9 28.3 60.7	65	1.0 0.583 0.0	1.0 0.444 0.0	65.6 28.8 60.3	66.9 64	1.0 0.583 0.0		
78	66	65	1.0 0.6 0.0	73.6 14.7 70.0	78	1.0 0.463 0.0	66.4 27.3 61.3	67	1.0 0.6 0.0	1.0 0.458 0.0	66.2 27.7 61.0	67.0 65	1.0 0.6 0.0		
79	67	66	1.0 0.616 0.0	74.5 13.0 71.0	79	1.0 0.475 0.0	66.9 26.3 61.8	67	1.0 0.617 0.0	1.0 0.471 0.0	66.8 26.6 61.7	67.1 66	1.0 0.617 0.0		
80	68	67	1.0 0.633 0.0	75.3 11.6 72.0	80	1.0 0.486 0.0	67.5 25.2 62.4	68	1.0 0.633 0.0	1.0 0.484 0.0	67.4 25.4 62.3	67.3 67	1.0 0.633 0.0		
81	69	68	1.0 0.65 0.0	76.0 10.5 72.9	81	1.0 0.498 0.0	68.0 24.2 63.0	69	1.0 0.65 0.0	1.0 0.497 0.0	68.0 24.3 62.9	67.4 68	1.0 0.65 0.0		
82	70	70	1.0 0.666 0.0	76.8 9.4 73.8	82	1.0 0.51 0.0	68.6 23.2 63.8	70	1.0 0.667 0.0	1.0 0.51 0.0	68.6 23.2 63.8	67.9 70	1.0 0.667 0.0		
83	71	71	1.0 0.683 0.0	77.5 8.3 74.7	83	1.0 0.521 0.0	69.2 22.2 64.6	71	1.0 0.683 0.0	1.0 0.522 0.0	69.3 22.1 64.7	68.4 71	1.0 0.683 0.0		
84	72	72	1.0 0.7 0.0	78.3 7.1 75.5	84	1.0 0.532 0.0	69.9 21.3 65.4	72	1.0 0.7 0.0	1.0 0.535 0.0	70.0 21.0 65.6	68.9 72	1.0 0.7 0.0		
85	73	73	1.0 0.716 0.0	79.0 5.9 76.4	85	1.0 0.543 0.0	70.5 20.2 66.2	73	1.0 0.717 0.0	1.0 0.547 0.0	70.7 19.9 66.5	69.4 73	1.0 0.717 0.0		
86	74	74	1.0 0.733 0.0	79.8 4.7 77.2	86	1.0 0.554 0.0	71.1 19.2 67.0	74	1.0 0.733 0.0	1.0 0.56 0.0	71.4 18.7 67.4	69.9 74	1.0 0.733 0.0		
87	75	75	1.0 0.75 0.0	80.5 3.4 78.0	87	1.0 0.565 0.0	71.7 18.2 67.8	75	1.0 0.75 0.0	1.0 0.572 0.0	72.1 17.5 68.2	70.4 75	1.0 0.75 0.0		

4-113930-L0 SI150-73 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

uscita: Offset standard print; separation cmyn6*, D65, pagina 10/33

grafico TUB-SI15; 1080 colori, carta standard offset
cerchio delle tinte a 48 passi; $rgb-LabCh^*_{tavole}$, 3D=1, de=1, $cmyn6^*_{3D}$

immettere: $rgb/cmyk \rightarrow rgb_{de}$
3D-linearizzazione a $cmyk^*_{de}$

vedere dei file simili: <http://130.149.60.45/~farbmetrik/SI15/SI15.HTM>
informazioni tecniche: <http://www.ps.bam.de> o <http://130.149.60.45/~farbmetrik>

TUB iscrizione: 20130201-SI15/SI15L0FA.TXT / .PS
la domanda per la misura uscita nella stampa di offset, separazionecmyn6* (CMYK)
TUB materiale: code=rha4ta

vedere dei file simili: <http://130.149.60.45/~farbmeterik/S115/S115.HTM>
informazioni tecniche: <http://www.ps.bam.de> o <http://130.149.60.45/~farbmeterik>

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*_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* _d dd361M LAB* _d dd361Mi (x=LabCh)								rgb* _s ds361Mi LAB* _s ds361Mi (x=LabCh)								rgb* _e de361Mi LAB* _e de361Mi (x=LabCh)								rgb* _d dd361Mi LAB* _d dd361Mi (x=LabCh)								rgb* _s ds361Mi LAB* _s ds361Mi (x=LabCh)								rgb* _e de361Mi LAB* _e de361Mi (x=LabCh)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
h16	h20	h127	0.5	1.0	0.0	73.1	-30.2	60.8	67.9	116	0.445	1.0	0.0	71.3	-33.1	57.5	66.4	120	0.5	1.0	0.0	0.35	1.0	0.0	67.3	-38.8	51.1	64.3	127	0.5	1.0	0.0																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																						

4-1131130-L0

SI150-73

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

uscita: Offset standard print; separation cmyn6*, D65, pagina 12/33

grafico TUB-SI15; 1080 colori, carta standard offset
cerchio delle tinte a 48 passi; *rgb-LabCh**tavole, 3D

immettere: $rgb/cmyk \rightarrow rgb_{de}$
 = $1,5cmyk^*_{3D}$ -linearizzazione a $cmyk^*_{de}$

~~4-1131130-F0~~

0

C

Age Group	Percentage
18-24	~10%
25-34	~35%
35-44	~25%
45-54	~20%
55-64	~15%
65-74	~10%
75-84	~5%
85+	~2%

Y



0

L

V

-6

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 $RYGCBM_e$: $h_{ab,e} = 25.5, 92.3, 162.2, 217.0, 271.7, 328.6$

Six hue angles of the device colours RYGBCM: $h_{ab,d} = 30.4, 96.1, 161.6, 234.7, 295.7, 353.2$; Six hue angles of the elementary colours RYGBM: $h_{ab,e} = 25.5, 92.3, 162.2, 217.0, 271.7, 328.6$														
$h_{ab,d}$	$h_{ab,s}$	$h_{ab,e}$	rgb^*_{dd361M}	$LAB^*_{dsx361Mi}$ (x=LabCh)	$rgb^*_{ds361Mi}$	$LAB^*_{dsx361Mi}$ (x=LabCh)	$rgb^*_{dd361Mi}$	$rgb^*_{de361Mi}$	$LAB^*_{dex361Mi}$ (x=LabCh)	$rgb^*_{dd361Mi}$	rgb^*_{dd}	rgb^*_{ds}	rgb^*_{de}	
176	165	175	0.0	1.0	0.25	53.0	-61.8 4.0	61.9	176	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	0.267		
179	167	177	0.0	1.0	0.283	53.2	-60.6 0.9	60.6	179	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	0.3		
181	169	179	0.0	1.0	0.316	53.4	-59.2 -2.0	59.3	181	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	0.333		
184	171	181	0.0	1.0	0.35	53.7	-57.7 -4.8	57.9	184	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	0.367		
187	173	183	0.0	1.0	0.383	53.9	-56.2 -7.6	56.7	187	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	0.4		
190	175	185	0.0	1.0	0.416	54.1	-54.8 -10.5	55.8	190	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	0.433		
194	177	186	0.0	1.0	0.45	54.3	-53.3 -13.3	55.0	194	0.0	1.0	0.45		
195	178	187	0.0	1.0	0.466	54.4	-52.5 -14.7	54.6	195	0.0	1.0	0.467		
197	179	188	0.0	1.0	0.483	54.5	-51.7 -16.0	54.1	197	0.0	1.0	0.483		
198	180	189	0.0	1.0	0.5	54.6	-50.8 -17.3	53.7	198	0.0	1.0	0.5		
200	181	190	0.0	1.0	0.516	54.7	-50.2 -18.5	53.6	200	0.0	1.0	0.517		
201	182	191	0.0	1.0	0.533	54.8	-49.6 -19.7	53.4	201	0.0	1.0	0.533		
203	183	192	0.0	1.0	0.55	54.9	-49.0 -20.9	53.3	203	0.0	1.0	0.55		
204	184	193	0.0	1.0	0.566	55.0	-48.3 -22.0	53.1	204	0.0	1.0	0.567		
205	185	194	0.0	1.0	0.583	55.1	-47.6 -23.1	53.0	205	0.0	1.0	0.583		
207	186	195	0.0	1.0	0.6	55.2	-46.9 -24.3	52.8	207	0.0	1.0	0.6		
208	187	195	0.0	1.0	0.616	55.3	-46.2 -25.4	52.7	208	0.0	1.0	0.617		
210	188	196	0.0	1.0	0.633	55.5	-45.4 -26.5	52.6	210	0.0	1.0	0.633		
211	189	197	0.0	1.0	0.65	55.6	-44.7 -27.5	52.6	211	0.0	1.0	0.65		
213	190	198	0.0	1.0	0.666	55.8	-44.0 -28.6	52.5	213	0.0	1.0	0.667		
214	191	199	0.0	1.0	0.683	56.0	-43.3 -29.7	52.5	214	0.0	1.0	0.683		
215	192	200	0.0	1.0	0.7	56.1	-42.5 -30.7	52.5	215	0.0	1.0	0.7		
217	193	201	0.0	1.0	0.716	56.3	-41.7 -31.8	52.4	217	0.0	1.0	0.717		
218	194	202	0.0	1.0	0.733	56.5	-40.9 -32.8	52.4	218	0.0	1.0	0.733		
220	195	203	0.0	1.0	0.75	56.6	-40.0 -33.7	52.4	220	0.0	1.0	0.75		
221	196	204	0.0	1.0	0.766	56.7	-39.6 -34.5	52.5	221	0.0	1.0	0.767		
222	197	205	0.0	1.0	0.783	56.8	-39.1 -35.3	52.7	222	0.0	1.0	0.783		
223	198	206	0.0	1.0	0.8	56.9	-38.6 -36.1	52.9	223	0.0	1.0	0.8		
224	199	206	0.0	1.0	0.816	56.9	-38.0 -36.9	53.0	224	0.0	1.0	0.817		
225	200	207	0.0	1.0	0.833	57.0	-37.5 -37.7	53.2	225	0.0	1.0	0.833		
226	201	208	0.0	1.0	0.85	57.1	-36.9 -38.5	53.3	226	0.0	1.0	0.85		
227	202	209	0.0	1.0	0.866	57.2	-36.4 -39.2	53.5	227	0.0	1.0	0.867		
228	203	210	0.0	1.0	0.883	57.3	-35.8 -40.0	53.7	228	0.0	1.0	0.883		
229	204	211	0.0	1.0	0.9	57.4	-35.3 -40.7	53.9	229	0.0	1.0	0.9		
230	205	212	0.0	1.0	0.916	57.4	-34.8 -41.5	54.1	230	0.0	1.0	0.917		
230	206	213	0.0	1.0	0.933	57.5	-34.2 -42.2	54.4	230	0.0	1.0	0.933		
231	207	214	0.0	1.0	0.95	57.6	-33.7 -42.9	54.6	231	0.0	1.0	0.95		
232	208	215	0.0	1.0	0.966	57.7	-33.1 -43.7	54.8	232	0.0	1.0	0.967		
233	209	216	0.0	1.0	0.983	57.7	-32.5 -44.4	55.0	233	0.0	1.0	0.983		
234	210	216	0.0	1.0	1.0	57.8	-31.9 -45.1	55.3	234	0.0	1.0	1.0		

4-1131230-L0

SI150-73

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

uscita: Offset standard print; separation cmyn6*, D65, pagina 13/33

grafico TUB-SI15; 1080 colori, carta standard offset
cerchio delle tinte a 48 passi; $rgb-LabCh^*_{tavole}$, 3D=1, de=1, $cmyn6^*_{3D}$

immettere: $rgb/cmyk \rightarrow rgb_{de}$
3D-linearizzazione a $cmyk^*_{de}$

TUB iscrizione: 20130201-SI15/SI15L0FA.TXT / .PS
la domanda per la misura uscita nella stampa di offset, separazionecmyn6* (CMYK)

TUB materiale: code=rha4ta

Colorimetric system Offset standard print; separation cmyk6*, D65 for input or output; Six hue angles of the 60 degree standard colours $RYGCBM_s$: $h_{ab,ds} = 30.0, 90.0, 150.0, 210.0, 270.0, 330.0$;

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

lab,d			hab,s			hab,e			rgb*dd361M			LAB*dd361Mi (x=LabCh)			rgb*ds361Mi			LAB*dsx361Mi (x=LabCh)			rgb*dd361Mi			rgb*de361Mi			LAB*dex361Mi (x=LabCh)			rgb*dd361Mi			rgb*ad			rgb*ds			rgb*de		
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	0.0	0.38	1.0	37.5	0.0	-46.4	46.5	270	0.0	0.0	1.0	0.0	0.358	1.0	36.7	1.4	-46.5	46.7	271	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	-43.2	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																																				

uscita: Offset standard print; separation cmyn6*, D65, pagina 15/33

grafico TUB-SI15; 1080 colori, carta standard offset
cerchio delle tinte a 48 passi; *rgb-LabCh** tavole, 3I

immettere: $rab/cmyk \rightarrow rab_{de}$

=15cmyk3D-linearizzazione a cmyk*_{de}

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^*_{dd361M}	LAB^*_{d361Mi}	$LAB^*_{dsx361Mi}$	$rgb^*_{ds361Mi}$	$LAB^*_{de361Mi}$	$rgb^*_{de361Mi}$	$LAB^*_{dex361Mi}$	$rgb^*_{dd361Mi}$	$rgb^*_{ds361Mi}$	$rgb^*_{de361Mi}$	
333	300	300	0.5 0.0 1.0	37.0 53.9 -27.1 60.4	333	0.053 0.0 1.0	26.2 26.7 -46.1 53.3	300	0.5 0.0 1.0	0.055 0.0 1.0	26.3 26.8 -46.0 53.3	300	0.5 0.0 1.0
334	301	301	0.516 0.0 1.0	37.5 54.7 -26.5 60.8	334	0.065 0.0 1.0	26.5 27.5 -45.7 53.4	301	0.517 0.0 1.0	0.067 0.0 1.0	26.5 27.6 -45.6 53.4	301	0.517 0.0 1.0
334	302	302	0.533 0.0 1.0	37.9 55.5 -25.9 61.3	334	0.077 0.0 1.0	26.8 28.3 -45.2 53.4	302	0.533 0.0 1.0	0.078 0.0 1.0	26.8 28.4 -45.2 53.4	302	0.533 0.0 1.0
335	303	303	0.55 0.0 1.0	38.3 56.3 -25.2 61.7	335	0.09 0.0 1.0	27.1 29.1 -44.8 53.5	303	0.55 0.0 1.0	0.09 0.0 1.0	27.1 29.2 -44.8 53.5	303	0.55 0.0 1.0
336	304	303	0.566 0.0 1.0	38.7 57.1 -24.6 62.2	336	0.102 0.0 1.0	27.3 29.9 -44.3 53.6	304	0.567 0.0 1.0	0.101 0.0 1.0	27.3 29.9 -44.3 53.6	303	0.567 0.0 1.0
337	305	304	0.583 0.0 1.0	39.1 57.8 -23.9 62.6	337	0.114 0.0 1.0	27.6 30.8 -43.8 53.6	305	0.583 0.0 1.0	0.113 0.0 1.0	27.6 30.7 -43.9 53.6	304	0.583 0.0 1.0
338	306	305	0.6 0.0 1.0	39.6 58.6 -23.2 63.0	338	0.127 0.0 1.0	27.9 31.5 -43.3 53.7	306	0.6 0.0 1.0	0.124 0.0 1.0	27.9 31.4 -43.4 53.7	305	0.6 0.0 1.0
339	307	306	0.616 0.0 1.0	40.0 59.4 -22.5 63.5	339	0.148 0.0 1.0	28.3 32.4 -42.8 53.8	307	0.617 0.0 1.0	0.144 0.0 1.0	28.2 32.2 -42.9 53.7	306	0.617 0.0 1.0
340	308	307	0.633 0.0 1.0	40.4 60.2 -21.7 64.0	340	0.17 0.0 1.0	28.6 33.2 -42.3 53.8	308	0.633 0.0 1.0	0.165 0.0 1.0	28.5 33.0 -42.5 53.8	307	0.633 0.0 1.0
341	309	308	0.65 0.0 1.0	40.8 61.2 -20.9 64.7	341	0.191 0.0 1.0	29.0 33.9 -41.8 53.9	309	0.65 0.0 1.0	0.185 0.0 1.0	28.9 33.7 -42.0 53.9	308	0.65 0.0 1.0
342	310	309	0.666 0.0 1.0	41.2 62.1 -20.1 65.3	342	0.213 0.0 1.0	29.3 34.7 -41.3 54.0	310	0.667 0.0 1.0	0.205 0.0 1.0	29.2 34.5 -41.5 54.0	309	0.667 0.0 1.0
342	311	310	0.683 0.0 1.0	41.6 63.1 -19.3 66.0	342	0.234 0.0 1.0	29.7 35.5 -40.7 54.1	311	0.683 0.0 1.0	0.225 0.0 1.0	29.6 35.2 -41.0 54.1	310	0.683 0.0 1.0
343	312	311	0.7 0.0 1.0	42.1 64.0 -18.4 66.6	343	0.252 0.0 1.0	30.0 36.3 -40.2 54.2	312	0.7 0.0 1.0	0.246 0.0 1.0	29.9 35.9 -40.4 54.2	311	0.7 0.0 1.0
344	313	312	0.716 0.0 1.0	42.5 64.9 -17.5 67.3	344	0.261 0.0 1.0	30.3 37.2 -39.7 54.5	313	0.717 0.0 1.0	0.257 0.0 1.0	30.2 36.7 -40.0 54.4	312	0.717 0.0 1.0
345	314	313	0.733 0.0 1.0	42.9 65.8 -16.6 67.9	345	0.27 0.0 1.0	30.6 38.0 -39.3 54.7	314	0.733 0.0 1.0	0.265 0.0 1.0	30.4 37.5 -39.5 54.6	313	0.733 0.0 1.0
346	315	314	0.75 0.0 1.0	43.3 66.7 -15.7 68.5	346	0.279 0.0 1.0	30.8 38.9 -38.8 55.0	315	0.75 0.0 1.0	0.273 0.0 1.0	30.7 38.3 -39.1 54.8	314	0.75 0.0 1.0
347	316	315	0.766 0.0 1.0	43.6 67.3 -15.2 69.0	347	0.287 0.0 1.0	31.1 39.7 -38.2 55.2	316	0.767 0.0 1.0	0.282 0.0 1.0	30.9 39.1 -38.6 55.0	315	0.767 0.0 1.0
347	317	316	0.783 0.0 1.0	44.0 67.8 -14.7 69.4	347	0.296 0.0 1.0	31.4 40.5 -37.7 55.4	317	0.783 0.0 1.0	0.29 0.0 1.0	31.2 39.9 -38.1 55.3	316	0.783 0.0 1.0
348	318	317	0.8 0.0 1.0	44.3 68.3 -14.2 69.8	348	0.305 0.0 1.0	31.7 41.4 -37.2 55.7	318	0.8 0.0 1.0	0.298 0.0 1.0	31.4 40.7 -37.6 55.5	317	0.8 0.0 1.0
348	319	318	0.816 0.0 1.0	44.7 68.8 -13.7 70.2	348	0.314 0.0 1.0	31.9 42.2 -36.6 55.9	319	0.817 0.0 1.0	0.307 0.0 1.0	31.7 41.5 -37.1 55.7	318	0.817 0.0 1.0
349	320	319	0.833 0.0 1.0	45.0 69.4 -13.2 70.6	349	0.323 0.0 1.0	32.2 43.0 -36.0 56.2	320	0.833 0.0 1.0	0.315 0.0 1.0	32.0 42.3 -36.5 55.9	319	0.833 0.0 1.0
349	321	320	0.85 0.0 1.0	45.4 69.9 -12.7 71.0	349	0.331 0.0 1.0	32.5 43.8 -35.4 56.4	321	0.85 0.0 1.0	0.323 0.0 1.0	32.2 43.1 -36.0 56.2	320	0.85 0.0 1.0
350	322	321	0.866 0.0 1.0	45.7 70.4 -12.2 71.5	350	0.34 0.0 1.0	32.7 44.6 -34.8 56.6	322	0.867 0.0 1.0	0.332 0.0 1.0	32.5 43.9 -35.4 56.4	321	0.867 0.0 1.0
350	323	321	0.883 0.0 1.0	46.0 70.9 -11.8 71.9	350	0.349 0.0 1.0	33.0 45.4 -34.1 56.9	323	0.883 0.0 1.0	0.34 0.0 1.0	32.7 44.6 -34.8 56.6	321	0.883 0.0 1.0
350	324	322	0.9 0.0 1.0	46.3 71.4 -11.3 72.3	350	0.358 0.0 1.0	33.3 46.2 -33.5 57.1	324	0.9 0.0 1.0	0.348 0.0 1.0	33.0 45.4 -34.2 56.9	322	0.9 0.0 1.0
351	325	323	0.916 0.0 1.0	46.7 71.8 -10.9 72.7	351	0.366 0.0 1.0	33.5 47.0 -32.8 57.4	325	0.917 0.0 1.0	0.357 0.0 1.0	33.2 46.1 -33.6 57.1	323	0.917 0.0 1.0
351	326	324	0.933 0.0 1.0	47.0 72.3 -10.5 73.1	351	0.375 0.0 1.0	33.8 47.8 -32.1 57.6	326	0.933 0.0 1.0	0.365 0.0 1.0	33.5 46.8 -32.9 57.3	324	0.933 0.0 1.0
352	327	325	0.95 0.0 1.0	47.3 72.8 -10.1 73.5	352	0.393 0.0 1.0	34.3 48.6 -31.5 58.0	327	0.95 0.0 1.0	0.373 0.0 1.0	33.7 47.6 -32.3 57.5	325	0.95 0.0 1.0
352	328	326	0.966 0.0 1.0	47.6 73.2 -9.6 73.9	352	0.41 0.0 1.0	34.7 49.5 -30.8 58.4	328	0.967 0.0 1.0	0.388 0.0 1.0	34.1 48.4 -31.7 57.9	326	0.967 0.0 1.0
352	329	327	0.983 0.0 1.0	47.9 73.7 -9.2 74.3	352	0.427 0.0 1.0	35.2 50.4 -30.2 58.8	329	0.983 0.0 1.0	0.404 0.0 1.0	34.6 49.2 -31.1 58.2	327	0.983 0.0 1.0
353	330	328	1.0 0.0 1.0	48.2 74.2 -8.7 74.7	353	0.444 0.0 1.0	35.6 51.2 -29.5 59.1	330	1.0 0.0 1.0	0.42 0.0 1.0	35.0 50.0 -30.4 58.6	328	1.0 0.0 1.0
353	331	329	1.0 0.0 0.983	48.2 74.0 -8.2 74.5	353	0.461 0.0 1.0	36.1 52.1 -28.8 59.5	331	1.0 0.0 0.983	0.436 0.0 1.0	35.4 50.8 -29.8 59.0	329	1.0 0.0 0.983
354	332	330	1.0 0.0 0.966	48.2 73.9 -7.7 74.3	354	0.478 0.0 1.0	36.5 52.9 -28.0 59.9	332	1.0 0.0 0.967	0.452 0.0 1.0	35.8 51.7 -29.1 59.3	330	1.0 0.0 0.967
354	333	331	1.0 0.0 0.95	48.2 73.8 -7.2 74.1	354	0.495 0.0 1.0	37.0 53.7 -27.3 60.3	333	1.0 0.0 0.95	0.469 0.0 1.0	36.3 52.4 -28.4 59.7	331	1.0 0.0 0.95
354	334	332	1.0 0.0 0.933	48.2 73.6 -6.7 73.9	354	0.514 0.0 1.0	37.4 54.6 -26.5 60.8	334	1.0 0.0 0.933	0.485 0.0 1.0	36.7 53.2 -27.7 60.1	332	1.0 0.0 0.933
355	335	333	1.0 0.0 0.916	48.2 73.5 -6.2 73.8	355	0.534 0.0 1.0	37.9 55.6 -25.8 61.3	335	1.0 0.0 0.917	0.501 0.0 1.0	37.1 54.0 -27.0 60.4	333	1.0 0.0 0.917
355	336	334	1.0 0.0 0.9	48.2 73.3 -5.6 73.6	355	0.553 0.0 1.0	38.4 56.5 -25.1 61.8	336	1.0 0.0 0.9	0.52 0.0 1.0	37.6 54.9 -26.3 60.9	334	1.0 0.0 0.9
355	337	335	1.0 0.0 0.883	48.2 73.2 -5.1 73.4	355	0.573 0.0 1.0	38.9 57.4 -24.3 62.4	337	1.0 0.0 0.883	0.538 0.0 1.0	38.1 55.8 -25.6 61.4	335	1.0 0.0 0.883
356	338	336	1.0 0.0 0.866	48.2 73.1 -4.6 73.2	356	0.592 0.0 1.0	39.4 58.3 -23.5 62.9	338	1.0 0.0 0.867	0.557 0.0 1.0	38.5 56.7 -24.9 61.9	336	1.0 0.0 0.867
356	339	337	1.0 0.0 0.85	48.1 72.9 -4.0 73.0	356	0.612 0.0 1.0	39.9 59.2 -22.6 63.4	339	1.0 0.0 0.85	0.575 0.0 1.0	39.0 57.5 -24.2 62.4	337	1.0 0.0 0.85
357	340	338	1.0 0.0 0.833	48.1 72.8 -3.5 72.9	357	0.631 0.0 1.0	40.4 60.1 -21.8 64.0	340	1.0 0.0 0.833	0.594 0.0 1.0	39.5 58.4 -23.4 62.9	338	1.0 0.0 0.833
357	341	339	1.0 0.0 0.816	48.1 72.7 -2.9 72.7	357	0.648 0.0 1.0	40.8 61.1 -21.0 64.7	341	1.0 0.0 0.817	0.613 0.0 1.0	39.9 59.2 -22.6 63.4	339	1.0 0.0 0.817
358	342	339	1.0 0.0 0.8	48.1 72.5 -2.4 72.5	358	0.666 0.0 1.0	41.3 62.2 -20.1 65.4	342	1.0 0.0 0.8	0.631 0.0 1.0	40.4 60.1 -21.8 64.0	339	1.0 0.0 0.8
358	343	340	1.0 0.0 0.783	48.1 72.4 -1.8 72.4	358	0.684 0.0 1.0	41.7 63.2 -19.2 66.0	343	1.0 0.0 0.783	0.647 0.0 1.0	40.8 61.1 -21.0 64.6	340	1.0 0.0 0.783
358	344	341	1.0 0.0 0.766	48.1 72.2 -1.3 72.2	358	0.701 0.0 1.0	42.1 64.1 -18.3 66.7	344	1.0 0.0 0.767	0.664 0.0 1.0	41.2 62.0 -20.2 65.3	341	1.0 0.0 0.767
359	345	342	1.0 0.0 0.75	48.1 72.1 -0.7 72.1	359	0.719 0.0 1.0	42.6 65.1 -17.3 67.4	345	1.0 0.0 0.75	0.681 0.0 1.0	41.6 63.0 -19.4 65.9	342	1.0 0.0 0.75

4-1131530-L0 SI150-73 LAB*la0, YN=0%, XYZnw=2.5, 2.6, 2.7, 86.0, 90.9, 95.9, LAB*nmw=18.5, 0.0, 0.0, 96.4, 0.0, 0.0

uscita: Offset standard print; separation cmyn6*, D65, pagina 16/33

grafico TUB-SI15; 1080 colori, carta standard offset
cerchio delle tinte a 48 passi; $rgb-LabCh^*_{tavole}$, 3D=1, de=1

immettere: $rgb/cmyk \rightarrow rgb_{de}$
3D-linearizzzzazione a $cmyk^*_{de}$

TUB iscrizione: 20130201-SI15/SI15L0FA.TXT / .PS
la domanda per la misura uscita nella stampa di offset, separazionecmyn6* (CMYK)

TUB materiale: code=rha4ta

vedere dei file simili: <http://130.149.60.45/~farbmeterik/S115/S115.HTM>
informazioni tecniche: <http://www.ps.bam.de> o <http://130.149.60.45/~farbmeterik>

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 $RYGBCM_{51}$: $h_{ab,ds} = 30.0, 90.0, 150.0, 210.0, 270.0, 330.0$; Six hue angles of the device colours $RYGBCM_{51}$: $h_{ab,d} = 30.4, 96.1, 161.6, 234.7, 295.7, 353.2$; Six hue angles of the elementary colours $RYGBCM_{51}$: $h_{ab,e} = 25.5, 92.3, 162.2, 217.0, 271.7, 328.6$

[illegible]

uscita: Offset standard print; separation cmyn6*, D65, pagina 17/33

grafico TUB-SI15; 1080 colori, carta standard offset
cerchio delle tinte a 48 passi; *rgb-LabCh** tavole, 3I

immettere: $rgb/cmyk \rightarrow rgb_{de}$
 $= 1/cmyk_{3D}$ -linearizzazione a $cmyk^*_{de}$

http://130.149.60.45/~farbmetrik/SI15/SI15L0FA.TXT /.PS; 3D-linearizzzzazione
F: 3D-linearizzzzazione SI15/SI15LI30FA.DAT nel file (F), pagina 19/33

n/j	HIC*F _{de}	rgb_F _{de}	ic _t _F _{de}	hsi_F _{de}	rgb*F _{de}	LabCh*F _{de}	cmyn*sep_F _{de}	hsi_M _{de}	rgb*M _{de}	LabCh*M _{de}
0/648	R00Y_100_100de	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	0.0 1.0 0.867	0.0	0.0
1/666	R25Y_100_100de	1.0 0.25 0.0	1.0 1.0 0.5	44	1.0 0.172 0.0	53.4 52.6 45.8	69.7 41.0	0.0 0.826 1.0	0.0	0.0
2/684	R50Y_100_100de	1.0 0.5 0.0	1.0 1.0 0.5	60	1.0 0.378 0.0	62.5 34.1 56.6	66.1 58.8	0.0 0.62 1.0	0.0	0.0
3/702	R75Y_100_100de	1.0 0.75 0.0	1.0 1.0 0.5	76	1.0 0.584 0.0	72.7 16.2 69.0	70.9 76.7	0.0 0.415 1.0	0.0	0.0
4/720	Y00G_100_100de	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	0.0 0.132 1.0	0.0	0.0
5/558	Y25G_100_100de	0.75 1.0 0.0	1.0 1.0 0.5	104	0.615 1.0 0.0	77.6 -23.7 70.5	74.4 108.6	0.385 0.0 1.0	0.0	0.0
6/396	Y50G_100_100de	0.5 1.0 0.0	1.0 1.0 0.5	120	0.35 1.0 0.0	67.2 -38.9 51.1	64.2 127.2	0.648 0.0 1.0	0.0	0.0
7/234	Y75G_100_100de	0.25 1.0 0.0	1.0 1.0 0.5	136	0.163 1.0 0.0	57.9 -53.6 36.3	64.8 145.9	0.836 0.0 1.0	0.0	0.0
8/72	G00B_100_100de	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	1.0 0.0 0.988	0.0	0.0
9/72	G00B_100_100de	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	1.0 0.0 0.988	0.0	0.0
10/76	G25B_100_100de	0.0 1.0 0.5	1.0 1.0 0.5	180	0.0 1.0 0.403	54.0 -55.4 -9.3	56.2 189.6	1.0 0.0 0.593	0.0	0.0
11/80	G50B_100_100de	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	1.0 0.0 0.286	0.0	0.0
12/44	G75B_100_100de	0.0 0.5 1.0	1.0 1.0 0.5	240	0.0 0.744 1.0	51.1 -45.6 50.6	244.3	1.0 0.257 0.0	0.0	0.0
13/8	B00M_100_100de	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	1.0 0.639 0.0	0.0	0.0
14/332	B25R_100_100de	0.5 0.0 1.0	1.0 1.0 0.5	300	0.055 0.0 1.0	26.2 26.8 -46.1	53.3 300.1	0.944 1.0 0.0	0.0	0.0
15/656	B50R_100_100de	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	0.577 1.0 0.0	0.0	0.0
16/652	B75R_100_100de	1.0 0.0 0.5	1.0 1.0 0.5	360	0.948 0.0 1.0	47.3 72.7 -10.1	73.5 352.0	0.051 1.0 0.0	0.0	0.0
17/648	R00Y_100_100de	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	0.0 1.0 0.867	0.0	0.0
18/688	R00Y_100_050de	1.0 0.5 0.5	1.0 0.5 0.75	390	1.0 0.5 0.565	72.0 33.1 15.8	36.7 25.4	0.0 0.5 0.375	0.0	0.0
19/706	R50Y_100_050de	1.0 0.75 0.5	1.0 0.5 0.75	60	1.0 0.689 0.5	79.4 17.0 28.3	33.0 58.8	0.0 0.375 0.5	0.0	0.0
20/724	Y00G_100_050de	1.0 1.0 0.5	1.0 0.5 0.75	90	1.0 0.934 0.5	90.7 -1.6 41.8	41.8 92.3	0.0 0.07 0.553	0.0	0.0
21/562	Y50G_100_050de	0.75 1.0 0.5	1.0 0.5 0.75	120	0.675 1.0 0.5	81.8 -19.4 25.5	32.1 127.2	0.347 0.0 0.532	0.0	0.0
22/400	G00B_100_050de	0.5 1.0 0.5	1.0 0.5 0.75	150	0.5 1.0 0.505	74.0 -34.5 11.0	36.3 162.2	0.623 0.0 0.623	0.0	0.0
23/404	G50B_100_050de	0.5 1.0 1.0	1.0 0.5 0.75	210	0.5 1.0 0.856	76.3 -20.9 -15.7	26.2 216.9	0.596 0.0 0.141	0.0	0.0
24/368	B00R_100_050de	0.5 0.5 1.0	1.0 0.5 0.75	270	0.5 0.679 1.0	66.5 0.7 -23.3	23.3 271.7	0.541 0.302 0.0	0.029	0.0
25/692	B50R_100_050de	1.0 0.5 1.0	1.0 0.5 0.75	330	0.71 0.5 1.0	65.6 25.0 -15.2	29.3 328.6	0.272 0.517 0.0	0.005	0.0
26/688	R00Y_100_050de	1.0 0.5 0.5	1.0 0.5 0.75	390	1.0 0.5 0.565	72.0 33.1 15.8	36.7 25.4	0.0 0.5 0.375	0.0	0.0
27/506	R00Y_075_050de	0.75 0.25 0.25	0.75 0.5 0.5	390	0.75 0.25 0.315	52.5 33.1 15.8	36.7 25.4	0.0 0.678 0.541	0.271	0.0
28/524	R50Y_075_050de	0.75 0.5 0.25	0.75 0.5 0.5	60	0.75 0.439 0.25	60.0 17.0 28.3	33.0 58.8	0.0 0.464 0.673	0.287	0.0
29/542	Y00G_075_050de	0.75 0.75 0.25	0.75 0.5 0.5	90	0.75 0.684 0.25	71.3 -1.6 41.8	41.8 92.3	0.0 0.154 0.729	0.296	0.0
30/380	Y50G_075_050de	0.5 0.75 0.25	0.75 0.5 0.5	120	0.425 0.75 0.25	62.3 -19.4 25.5	32.1 127.2	0.438 0.0 0.691	0.335	0.0
31/218	G00B_075_050de	0.25 0.75 0.25	0.75 0.5 0.5	150	0.25 0.75 0.255	54.5 -34.5 11.0	36.3 162.2	0.757 0.0 0.672	0.259	0.0
32/222	G50B_075_050de	0.25 0.75 0.75	0.75 0.5 0.5	210	0.25 0.75 0.606	56.8 -20.9 -15.7	26.2 216.9	0.703 0.0 0.207	0.315	0.0
33/186	B00R_075_050de	0.25 0.25 0.75	0.75 0.5 0.5	270	0.25 0.429 0.75	47.0 0.7 -23.3	23.3 271.7	0.637 0.408 0.0	0.368	0.0
34/510	B50R_075_050de	0.75 0.25 0.75	0.75 0.5 0.5	330	0.46 0.25 0.75	46.2 25.0 -15.2	29.3 328.6	0.309 0.635 0.0	0.37	0.0
35/506	R00Y_075_050de	0.75 0.25 0.25	0.75 0.5 0.5	390	0.75 0.25 0.315	52.5 33.1 15.8	36.7 25.4	0.0 0.678 0.541	0.271	0.0
36/324	R00Y_050_050de	0.5 0.0 0.0	0.5 0.5 0.25	390	0.5 0.0 0.065	33.1 33.1 15.8	36.7 25.4	0.0 0.831 0.734	0.569	0.0
37/342	R50Y_050_050de	0.5 0.25 0.0	0.5 0.5 0.25	60	0.5 0.189 0.0	40.5 17.0 28.3	33.0 58.8	0.0 0.587 0.83	0.571	0.0
38/360	Y00G_050_050de	0.5 0.5 0.0	0.5 0.5 0.25	90	0.5 0.434 0.0	51.8 -1.6 41.8	41.8 92.3	0.0 0.216 0.867	0.5	0.0
39/198	Y50G_050_050de	0.25 0.5 0.0	0.5 0.5 0.25	120	0.175 0.5 0.0	42.9 -19.4 25.5	32.1 127.2	0.519 0.0 0.801	0.619	0.0
40/36	G00B_050_050de	0.0 0.5 0.0	0.5 0.5 0.25	150	0.0 0.5 0.005	35.1 -34.5 11.0	36.3 162.2	0.801 0.0 0.801	0.619	0.0
41/40	G50B_050_050de	0.0 0.5 0.5	0.5 0.5 0.25	210	0.0 0.5 0.356	37.4 -20.9 -15.7	26.2 216.9	0.797 0.0 0.265	0.625	0.0
42/4	B00R_050_050de	0.0 0.0 0.5	0.5 0.5 0.25	270	0.0 0.179 0.5	27.6 0.7 -23.3	23.3 271.7	0.797 0.531 0.0	0.625	0.0
43/328	B50R_050_050de	0.5 0.0 0.5	0.5 0.5 0.25	330	0.21 0.0 0.5	26.7 25.0 -15.2	29.3 328.6	0.476 0.798 0.0	0.623	0.0
44/324	R00Y_050_050de	0.5 0.0 0.0	0.5 0.5 0.25	390	0.5 0.0 0.065	33.1 33.1 15.8	36.7 25.4	0.0 0.831 0.734	0.569	0.0
45/0	NW_000de	0.0 0.0 0.0	0.0 0.0 0.0	360	0.0 0.0 0.0	18.5 0.0 0.0	0.0 0.0	0.0 0.0 0.0	1.0	0.0
46/91	NW_013de	0.125 0.125 0.125	0.125 0.0 0.125	360	0.125 0.125 0.125	28.2 0.0 0.0	0.0 0.0	0.0 0.011 0.1	0.901	0.0
47/182	NW_025de	0.25 0.25 0.25	0.25 0.0 0.25	360	0.25 0.25 0.25	37.9 0.0 0.0	0.0 0.0	0.0 0.003 0.053	0.81	0.0
48/273	NW_038de	0.375 0.375 0.375	0.375 0.0 0.375	360	0.375 0.375 0.375	47.4 0.0 0.0	0.0 0.0	0.0 0.016 0.067	0.714	0.0
49/364	NW_050de	0.5 0.5 0.5	0.5 0.0 0.5	360	0.5 0.5 0.5	57.7 0.0 0.0	0.0 0.0	0.0 0.033 0.072	0.612	0.0
50/455	NW_063de	0.625 0.625 0.625	0.625 0.0 0.625	360	0.625 0.625 0.625	67.1 0.0 0.0	0.0 0.0	0.0 0.014 0.045	0.469	0.0
51/546	NW_075de	0.75 0.75 0.75	0.75 0.0 0.75	360	0.75 0.75 0.75	76.9 0.0 0.0	0.0 0.0	0.0 0.02 0.333	0.369	0.0
52/637	NW_088de	0.875 0.875 0.875	0.875 0.0 0.875	360	0.875 0.875 0.875	86.6 0.0 0.0	0.0 0.0	0.0 0.008 0.18	0.360	0.0
53/728	NW_100de	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	0.0 0.0 0.0	0.0	0.0

delta

grafico TUB-SI15; 1080 colori, carta standard offset
colori e la differenza, ΔE^* , 3D=1, de=1, *cm*yk*

immettere: *rgb/cmyk* -> *rgb*_{de}
uscita: 3D-linearizzazione a *cm*yk*_{de}

TUB iscrizione: 20130201-SI15/SI15L0FA.TXT /.PS
la domanda per la misura uscita nella stampa di offset, separazionecmynb* (CMYK)

TUB materiale: code=rha4ta

http://130.149.60.45/~farbmetrik/SI15/SI15L0FA.TXT /.PS; 3D-linearizzzzazione
F: 3D-linearizzzzazione SI15/SI15LI30FA.DAT nel file (F), pagina 20/33

SI1511A

TUB iscrizione: 20130201-SI15/SI15L0FA.TXT /.PS
la domanda per la misura uscita nella stampa di offset, separazionecmyb* (CMYK)

TUB materiale: code=rha4ta

n=j	HIC*Fde	rgb_Fde	ict_Fde	hsi_Fde	rgb*Fde	LabCh*Fde	cmyn*sep_Fde	hsiM_de	rgb*Mde	LabCh*Mde	
0	NW_000de	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	0.0	0.0
1	B00R_012_012de	0.0	0.125	0.125	0.062	270	0.0	0.044	0.125	20.8	0.1
2	B00R_025_025de	0.0	0.0	0.25	0.25	0.125	270	0.0	0.089	0.25	23.0
3	B00R_037_037de	0.0	0.0	0.375	0.375	0.187	270	0.0	0.134	0.375	25.3
4	B00R_050_050de	0.0	0.0	0.5	0.5	0.25	270	0.0	0.179	0.5	27.6
5	B00R_062_062de	0.0	0.0	0.625	0.625	0.312	270	0.0	0.223	0.625	29.8
6	B00R_075_075de	0.0	0.0	0.75	0.75	0.375	270	0.0	0.268	0.75	32.1
7	B00R_087_087de	0.0	0.0	0.875	0.875	0.437	270	0.0	0.313	0.875	34.4
8	B00R_100_100de	0.0	0.0	1.0	1.0	0.5	270	0.0	0.358	1.0	36.7
9	G00B_012_012de	0.0	0.125	0.0	0.125	0.062	150	0.0	0.125	0.001	22.6
10	G50B_012_012de	0.0	0.125	0.125	0.125	0.062	210	0.0	0.125	0.089	23.2
11	G75B_025_025de	0.0	0.125	0.25	0.25	0.125	240	0.0	0.186	0.25	26.6
12	G84B_037_037de	0.0	0.125	0.375	0.375	0.187	251	0.0	0.216	0.375	28.6
13	G88B_050_050de	0.0	0.125	0.5	0.5	0.25	256	0.0	0.259	0.5	30.8
14	G90B_062_062de	0.0	0.125	0.625	0.625	0.312	259	0.0	0.302	0.625	33.0
15	G92B_075_075de	0.0	0.125	0.75	0.75	0.375	261	0.0	0.346	0.75	35.2
16	G93B_087_087de	0.0	0.125	0.875	0.875	0.437	262	0.0	0.393	0.875	37.6
17	G94B_100_100de	0.0	0.125	1.0	1.0	0.5	263	0.0	0.438	1.0	39.8
18	G00B_025_025de	0.0	0.25	0.0	0.25	0.125	150	0.0	0.25	0.002	26.8
19	G25B_025_025de	0.0	0.25	0.125	0.25	0.125	180	0.0	0.25	0.1	27.4
20	G50B_025_025de	0.0	0.25	0.25	0.25	0.125	210	0.0	0.25	0.178	27.9
21	G65B_037_037de	0.0	0.25	0.375	0.375	0.187	229	0.0	0.375	0.372	33.2
22	G75B_050_050de	0.0	0.25	0.5	0.5	0.25	240	0.0	0.372	0.5	34.8
23	G80B_062_062de	0.0	0.25	0.625	0.625	0.312	247	0.0	0.39	0.625	36.5
24	G84B_075_075de	0.0	0.25	0.75	0.75	0.375	251	0.0	0.433	0.75	38.7
25	G86B_087_087de	0.0	0.25	0.875	0.875	0.437	254	0.0	0.474	0.875	40.8
26	G88B_100_100de	0.0	0.25	1.0	1.0	0.5	256	0.0	0.519	1.0	43.1
27	G00B_037_037de	0.0	0.375	0.0	0.375	0.187	150	0.0	0.375	0.004	30.9
28	G15B_037_037de	0.0	0.375	0.125	0.375	0.187	169	0.0	0.375	0.108	31.5
29	G34B_037_037de	0.0	0.375	0.25	0.375	0.187	191	0.0	0.375	0.191	32.1
30	G50B_037_037de	0.0	0.375	0.375	0.375	0.187	210	0.0	0.375	0.267	32.7
31	G61B_050_050de	0.0	0.375	0.5	0.5	0.25	224	0.0	0.5	0.456	38.0
32	G69B_062_062de	0.0	0.375	0.625	0.625	0.312	233	0.0	0.561	0.625	41.6
33	G75B_075_075de	0.0	0.375	0.75	0.75	0.375	240	0.0	0.558	0.75	43.0
34	G79B_087_087de	0.0	0.375	0.875	0.875	0.437	245	0.0	0.577	0.875	44.6
35	G81B_100_100de	0.0	0.375	1.0	1.0	0.5	248	0.0	0.613	1.0	46.8
36	G00B_050_050de	0.0	0.5	0.0	0.5	0.25	150	0.0	0.5	0.005	35.1
37	G11B_050_050de	0.0	0.5	0.125	0.5	0.25	164	0.0	0.5	0.115	35.7
38	G25B_050_050de	0.0	0.5	0.25	0.5	0.25	180	0.0	0.5	0.201	36.2
39	G38B_050_050de	0.0	0.5	0.375	0.5	0.25	196	0.0	0.5	0.281	36.7
40	G50B_050_050de	0.0	0.5	0.5	0.5	0.25	210	0.0	0.5	0.356	37.4
41	G59B_062_062de	0.0	0.5	0.625	0.625	0.312	221	0.0	0.625	0.54	42.7
42	G65B_075_075de	0.0	0.5	0.75	0.75	0.375	229	0.0	0.75	0.745	48.0
43	G70B_087_087de	0.0	0.5	0.875	0.875	0.437	235	0.0	0.743	0.875	49.7
44	G75B_100_100de	0.0	0.5	1.0	1.0	0.5	240	0.0	0.744	1.0	51.1
45	G00B_062_062de	0.0	0.625	0.0	0.625	0.312	150	0.0	0.625	0.007	39.2
46	G09B_062_062de	0.0	0.625	0.125	0.625	0.312	161	0.0	0.625	0.116	39.8
47	G19B_062_062de	0.0	0.625	0.25	0.625	0.312	173	0.0	0.625	0.207	40.4
48	G30B_062_062de	0.0	0.625	0.375	0.625	0.312	187	0.0	0.625	0.294	41.0
49	G40B_062_062de	0.0	0.625	0.5	0.625	0.312	199	0.0	0.625	0.371	41.4
50	G50B_062_062de	0.0	0.625	0.625	0.625	0.312	210	0.0	0.625	0.445	42.1
51	G57B_075_075de	0.0	0.625	0.75	0.75	0.375	219	0.0	0.75	0.625	47.4
52	G63B_087_087de	0.0	0.625	0.875	0.875	0.437	226	0.0	0.875	0.826	52.7
53	G68B_100_100de	0.0	0.625	1.0	1.0	0.5	232	0.0	0.926	1.0	56.1
54	G00B_075_075de	0.0	0.75	0.0	0.75	0.375	150	0.0	0.75	0.008	43.4
55	G07B_075_075de	0.0	0.75	0.125	0.75	0.375	159	0.0	0.75	0.118	44.0
56	G15B_075_075de	0.0	0.75	0.25	0.75	0.375	169	0.0	0.75	0.216	44.6
57	G25B_075_075de	0.0	0.75	0.375	0.75	0.375	180	0.0	0.75	0.302	45.1
58	G34B_075_075de	0.0	0.75	0.5	0.75	0.375	191	0.0	0.75	0.382	45.6
59	G42B_075_075de	0.0	0.75	0.625	0.75	0.375	201	0.0	0.75	0.462	46.1
60	G50B_075_075de	0.0	0.75	0.75	0.75	0.375	210	0.0	0.75	0.534	46.8
61	G56B_087_087de	0.0	0.75	0.875	0.875	0.437	218	0.0	0.875	0.716	52.2
62	G61B_100_100de	0.0	0.75	1.0	1.0	0.5	224	0.0	1.0	0.912	57.4
63	G00B_087_087de	0.0	0.875	0.0	0.875	0.437	150	0.0	0.875	0.009	47.5
64	G06B_087_087de	0.0	0.875	0.125	0.875	0.437	158	0.0	0.875	0.125	48.2
65	G13B_087_087de	0.0	0.875	0.25	0.875	0.437	166	0.0	0.875	0.224	48.7
66	G20B_087_087de	0.0	0.875	0.375	0.875	0.437	175	0.0	0.875	0.308	49.3
67	G29B_087_087de	0.0	0.875	0.5	0.875	0.437	185	0.0	0.875	0.394	49.8
68	G36B_087_087de	0.0	0.875	0.625	0.875	0.437	194	0.0	0.875	0.474	50.3
69	G43B_087_087de	0.0	0.875	0.75	0.875	0.437	202	0.0	0.875	0.548	50.8
70	G50B_087_087de	0.0	0.875	0.875	0.875	0.437	210	0.0	0.875	0.623	51.5
71	G55B_100_100de	0.0	0.875	1.0	1.0	0.5	217	0.0	1.0	0.803	56.9
72	G00B_100_100de	0.0	1.0	0.0	1.0	0.5	150	0.0	1.0	0.011	51.7
73	G05B_100_100de	0.0	1.0	0.125	1.0	0.5	157	0.0	1.0	0.129	52.4
74	G11B_100_100de	0.0	1.0	0.25	1.0	0.5	164	0.0	1.0	0.23	52.9
75	G18B_100_100de	0.0	1.0	0.375	1.0	0.5	172	0.0	1.0	0.32	53.5
76	G25B_100_100de	0.0	1.0	0.5	1.0	0.5	180	0.0	1.0	0.403	54.0
77	G31B_100_100de	0.0	1.0	0.625	1.0	0.5	188	0.0	1.0	0.48	54.5
78	G38B_100_100de	0.0	1.0	0.75	1.0	0.5	196	0.0	1.0	0.563	55.0
79	G44B_100_100de	0.0	1.0	0.875	1.0	0.5	203	0.0	1.0	0.637	55.5
80	G50B_100_100de	0.0	1.0	1.0	1.0	0.5	210	0.0	1.0	0.712	56.3
delta											

4-1131930-F0

SI150-7N, 20/33-F

grafico TUB-SI15; 1080 colori, carta standard offset
colori e la differenza, ΔE^* , 3D=1, de=1, *cmk**

immettere: *rgb/cmyk* -> *rgb*_{de}
uscita: 3D-linearizzazione a *cmk**_{de}

4-1131930-F0

http://130.149.60.45/~farbmetrik/SI15/SI15L0FA.TXT /PS; 3D-linearizzzzazione
F: 3D-linearizzzzazione SI15/SI15LI30FA.DAT nel file (F), pagina 28/33

n	HIC*Fde	rgb_Fde	ict_Fde	hsa_Fde	rgb*Fde	LabCh*Fde	cmyn*sep.Fde	hsaMde	rgb*Mde	LabCh*Mde
648	R00Y_100_100de	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	0.0 1.0 0.867	0.0	
649	R38Y_100_100de	1.0 0.0 0.125	1.0 1.0 0.5	383	1.0 0.0 0.317	47.8 67.7	21.6 71.1 17.6	0.0 1.0 0.68	0.0	
650	R26Y_100_100de	1.0 0.0 0.25	1.0 1.0 0.5	376	1.0 0.0 0.486	47.8 69.5	12.1 70.6 9.8	0.0 1.0 0.511	0.0	
651	R13Y_100_100de	1.0 0.0 0.375	1.0 1.0 0.5	368	1.0 0.0 0.706	48.1 71.6	1.2 71.7 0.9	0.0 1.0 0.294	0.0	
652	R00Y_100_100de	1.0 0.0 0.5	1.0 1.0 0.5	360	0.948 0.0 1.0	47.3 72.7	-10.1 73.5 352.0	0.051 1.0 0.0	0.0	
653	B68R_100_100de	1.0 0.0 0.625	1.0 1.0 0.5	352	0.843 0.0 1.0	45.2 69.7	-12.9 70.9 349.4	0.156 0.999 0.0	0.0	
654	B61R_100_100de	1.0 0.0 0.75	1.0 1.0 0.5	344	0.663 0.0 1.0	41.2 62.0	-20.3 65.2 341.8	0.336 1.0 0.0	0.0	
655	B55R_100_100de	1.0 0.0 0.875	1.0 1.0 0.5	337	0.538 0.0 1.0	38.0 55.7	-25.7 61.4 335.2	0.459 1.0 0.0	0.0	
656	B50R_100_100de	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	0.577 1.0 0.0	0.0	
657	R11Y_100_100de	1.0 0.125 0.0	1.0 1.0 0.5	37	1.0 0.052 0.0	46.2 61.9	40.6 74.0 33.2	0.0 0.947 1.0	0.0	
658	R00Y_100_087de	1.0 0.125 0.125	1.0 0.875 0.562	390	1.0 0.125 0.24	53.7 58.0	27.6 64.3 25.4	0.0 0.875 0.75	0.0	
659	R36Y_100_087de	1.0 0.125 0.25	1.0 0.875 0.562	382	1.0 0.125 0.423	53.9 58.4	17.6 62.0 16.5	0.0 0.874 0.534	0.0	
660	R23Y_100_087de	1.0 0.125 0.375	1.0 0.875 0.562	374	1.0 0.125 0.596	53.9 61.3	8.2 61.8 7.6	0.0 0.874 0.394	0.0	
661	R08Y_100_087de	1.0 0.125 0.5	1.0 0.875 0.562	365	1.0 0.125 0.84	54.2 63.6	-2.6 63.6 357.6	0.0 0.876 0.161	0.0	
662	B70R_100_087de	1.0 0.125 0.625	1.0 0.875 0.562	355	0.964 0.125 1.0	53.6 63.9	-8.6 64.5 352.3	0.0 0.883 0.024	0.0	
663	B63R_100_087de	1.0 0.125 0.75	1.0 0.875 0.562	346	0.735 0.125 1.0	48.8 55.9	-16.2 58.2 343.7	0.252 0.867 0.0	0.0	
664	B56R_100_087de	1.0 0.125 0.875	1.0 0.875 0.562	338	0.612 0.125 1.0	45.7 49.5	-21.8 54.1 336.1	0.374 0.875 0.0	0.006	
665	B50R_100_087de	1.0 0.125 1.0	1.0 0.875 0.562	330	0.492 0.125 1.0	42.6 43.7	-26.7 51.2 328.6	0.48 0.869 0.0	0.005	
666	R23Y_100_100de	1.0 0.25 0.0	1.0 1.0 0.5	44	1.0 0.172 0.0	53.4 52.6	45.8 69.7 41.0	0.0 0.826 1.0	0.0	
667	R13Y_100_087de	1.0 0.25 0.125	1.0 0.875 0.562	38	1.0 0.188 0.125	55.6 52.8	36.2 64.0 34.3	0.0 0.814 0.825	0.0	
668	R00Y_100_075de	1.0 0.25 0.25	1.0 0.75 0.625	390	1.0 0.25 0.348	59.8 49.7	23.7 55.1 25.4	0.0 0.75 0.625	0.0	
669	R35Y_100_075de	1.0 0.25 0.375	1.0 0.75 0.625	381	1.0 0.25 0.524	60.0 51.1	14.1 53.0 15.4	0.0 0.754 0.498	0.0	
670	R18Y_100_075de	1.0 0.25 0.5	1.0 0.75 0.625	371	1.0 0.25 0.713	60.1 53.0	4.0 53.1 4.3	0.0 0.765 0.26	0.0	
671	R00Y_100_075de	1.0 0.25 0.625	1.0 0.75 0.625	360	0.961 0.25 1.0	59.5 54.5	-7.6 55.1 352.0	0.0 0.775 0.025	0.0	
672	B65R_100_075de	1.0 0.25 0.75	1.0 0.75 0.625	349	0.81 0.25 1.0	56.5 49.9	-11.8 51.3 346.6	0.114 0.768 0.0	0.023	
673	B57R_100_075de	1.0 0.25 0.875	1.0 0.75 0.625	339	0.681 0.25 1.0					

grafico TUB-SI15; 1080 colori, carta standard offset
colori e la differenza, ΔE^* , 3D=1, de=1, *cmYK**

immettere: $rgb/cmyk \rightarrow rgb_{de}$
uscita: 3D-linearizzazione a $cmyk^*_{de}$

vedere dei file simili: <http://130.149.60.45/~farbmatrik/S115/S115.HTM>
informazioni tecniche: <http://www.ps.bam.de> o <http://130.149.60.45/~farbmatrik>

vedere dei file simili: <http://130.149.60.45/~farbmetrik/SI15/SI15.HTM>
informazioni tecniche: <http://www.ps.bam.de> o <http://130.149.60.45/~farbmetrik>

TUB iscrizione: 20130201-SI15/SI15L0FA.TXT / .PS
la domanda per la misura uscita nella stampa di offset, separazionecmyn6* (CMYK)

TUB materiale: code=rha4ta

n	HIC*Fde	rgb_Fde			ict_Fde		hsi_Fde	rgb*Fde			LabCh*Fde				cmyn*sep.Fde				hsiM.de	rgb*Mde			LabCh*Mde						
1053	NW_086de	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	0.014	0.0	0.009	0.191	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0	0.0	
1054	NW_093de	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	0.01	0.0	0.003	0.095	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0	0.0	
1055	NW_100de	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	0.0	0.0	0.0	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0	0.0	
1056	NW_000de	0.0	0.0	0.0	0.0	0.0	0.0	360	0.0	0.0	0.0	18.5	0.0	0.0	0.0	0.0	0.0	0.0	1.0	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0	0.0	
1057	NW_006de	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	0.124	0.0	0.13	0.947	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0	0.0	
1058	NW_013de	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	0.027	0.109	0.893	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0	0.0	
1059	NW_020de	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	0.015	0.068	0.844	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0	0.0	
1060	NW_026de	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	0.008	0.057	0.798	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0	0.0	
1061	NW_033de	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	0.045	0.091	0.747	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0	0.0	
1062	NW_040de	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	0.0	0.046	0.695	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0	0.0	
1063	NW_046de	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	0.017	0.058	0.643	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0	0.0	
1064	NW_053de	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	0.007	0.0	0.042	0.568	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0	0.0	
1065	NW_060de	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	0.025	0.058	0.493	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0	0.0	
1066	NW_066de	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	0.025	0.058	0.427	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0	0.0	
1067	NW_073de	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	0.014	0.038	0.354	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0	0.0	
1068	NW_080de	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	0.004	0.021	0.272	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0	0.0	
1069	NW_086de	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	0.014	0.0	0.009	0.191	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0	0.0	
1070	NW_093de	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	0.01	0.0	0.003	0.095	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0	0.0	
1071	NW_100de	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	0.0	0.0	0.0	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0	0.0	
1072	NW_000de	0.0	0.0	0.0	0.0	0.0	0.0	360	0.0	0.0	0.0	18.5	0.0	0.0	0.0	0.0	0.0	0.0	1.0	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0	0.0	
1073	NW_100de	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	0.0	0.0	0.0	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0	0.0	
1074	R00Y_100_100de	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	0.0	1.0	0.867	0.0	383	1.0	0.0	0.131	47.6	66.3	31.6	73.4	25.4
1075	G50B_100_100de	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	1.0	0.0	0.286	0.0	193	0.0	1.0	0.712	56.3	-41.9	-31.5	52.4	216.9
1076	Y00G_100_100de	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	0.0	0.132	1.0	0.0	83	1.0	0.868	0.0	85.1	-3.3	83.7	83.7	92.3
1077	B00R_100_100de	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	1.0	0.639	0.0	0.0	249	0.0	0.358	1.0	36.7	1.4	-46.6	46.6	271.7
1078	G00B_100_100de	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	1.0	0.0	0.988	0.0	150	0.0	1.0	0.011	51.7	-69.1	22.1	72.6	162.2
1079	B50R_100_100de	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	0.577	1.0	0.0	0.0	294	0.42	0.0	1.0	34.9	50.0	-30.5	58.6	328.6

delta

4-1133230-F0

SI150-7N, 33/33-F

grafico TUB-SI15; 1080 colori, carta standard offset
colori e la differenza, ΔE^* , 3D=1, de=1, *cmYk**

immettere: *rgb/cmyk* -> *rgb*_{de}
uscita: 3D-linearizzazione a *cmYk**_{de}