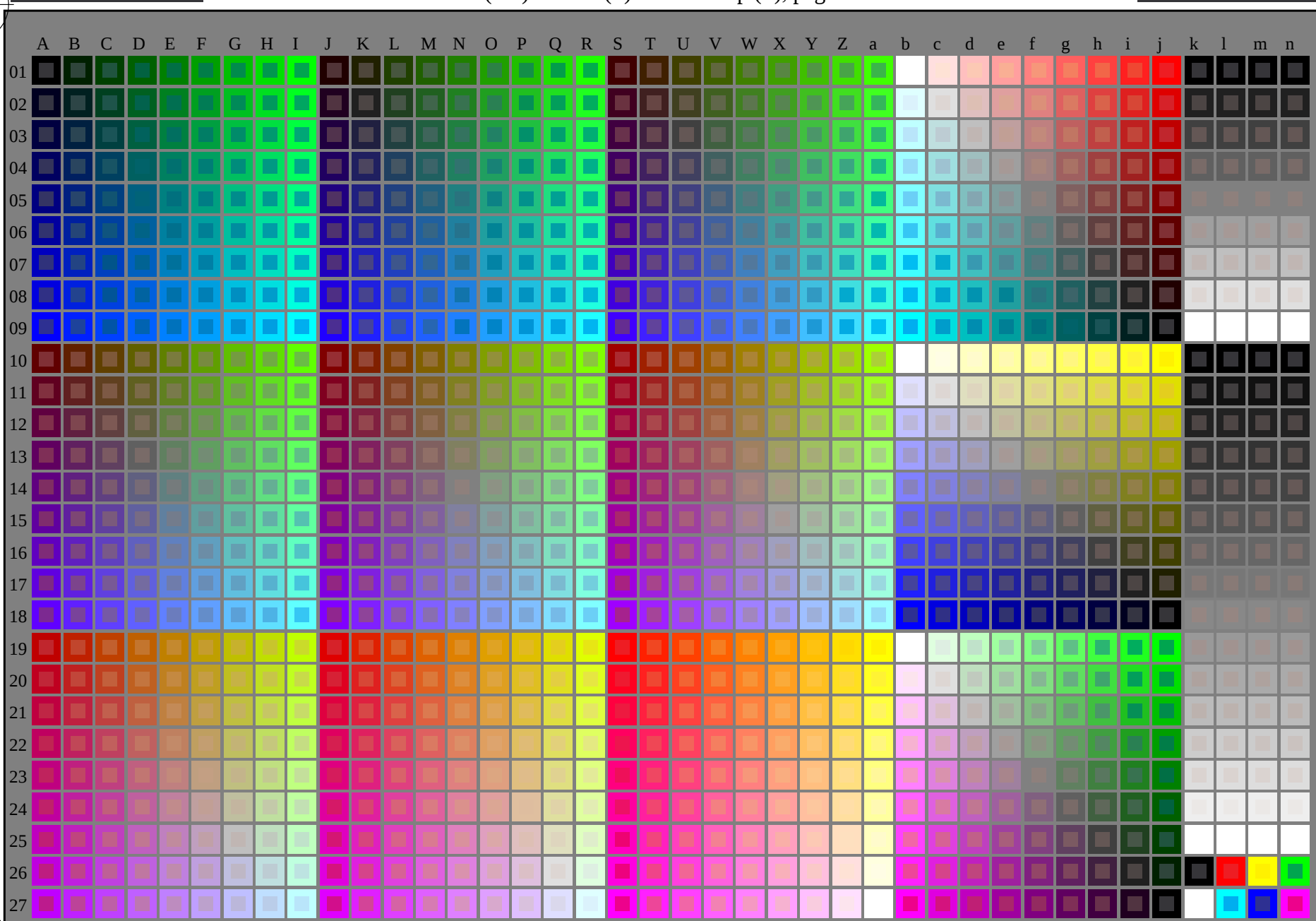




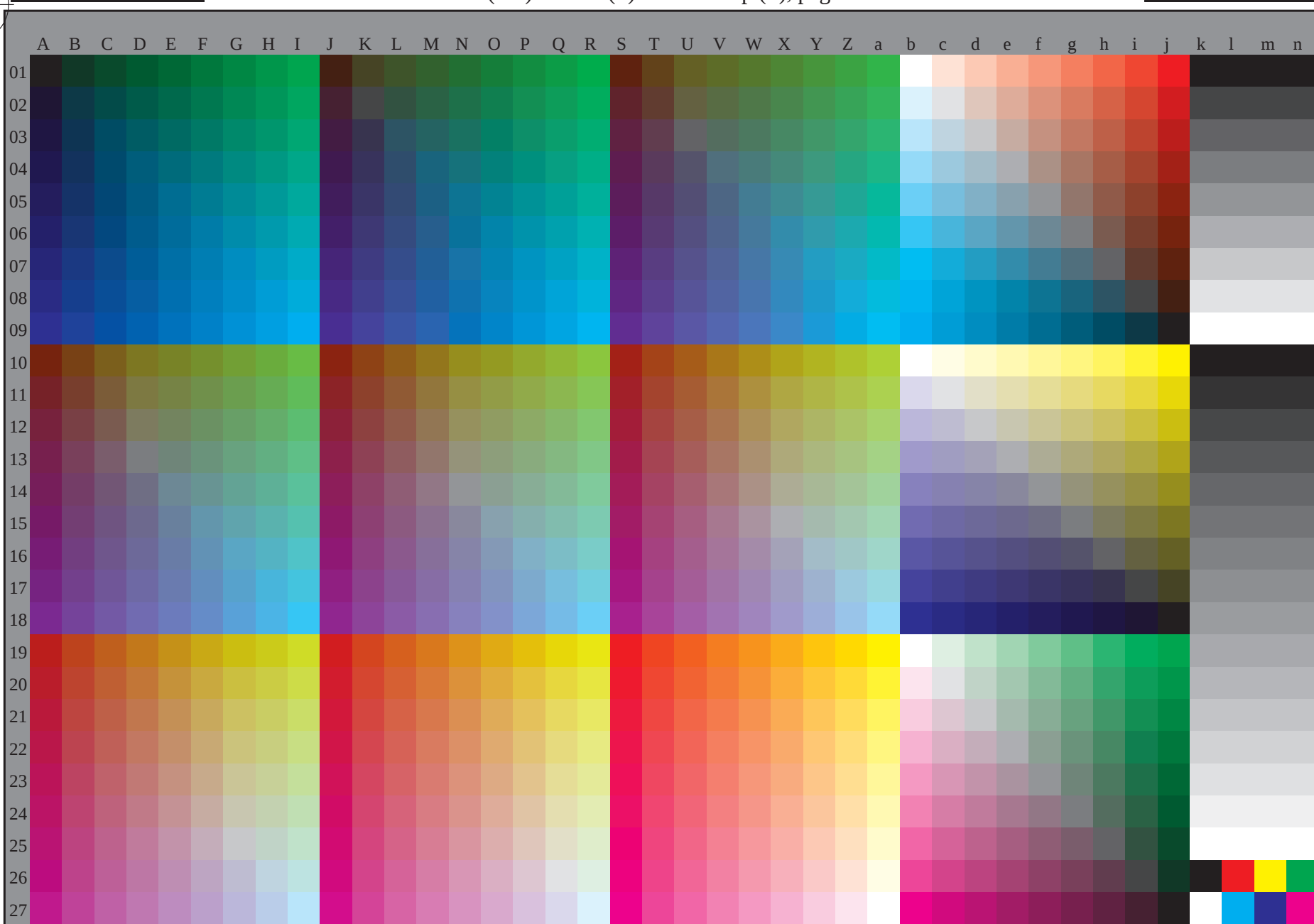
4-003030-L0

SI190-7N

rgb + cmy0 (A,j + k26_n27), 000n (k), w (l), nnn0 (m), www (n), 3D = 0

vedere dei file simili: <http://130.149.60.45/~farbmetrik/SI19/SI19.HTM>
informazioni tecniche: <http://www.ps.bam.de> o <http://130.149.60.45/~farbmetrik>

TUB iscrizione: 20130201-SI19/SI19L0NP.PDF /.PS
la domanda per la misura di uscita della stampante laser, separazione cmykn6 (CMYK)
TUB materiale: code=rh4ta



4-003130-L0

SI190-70

rgb (A_n), 3D = 0

grafico TUB-SI19; 1080 colori standard
grafico conformemente a DIN 33872, 3D=0, de=0, cmyk

immettere: $rgb/cmyk \rightarrow rgb_d$
uscita: trasferire a $cmyk_d$

4-003130-F0

C

M

Y

O

L

V

C

TUB iscrizione: 20130201-SI19/SI19L0NP.PDF /.PS
la domanda per la misura di uscita della stampante laser, separazione cmykn6 (CMYK)

TUB materiale: code=rha4ta

http://130.149.60.45/~farbmetrik/SI19/SI19L0NP.PDF /.PS; uscita di trasferimento
N: nessun 3D-linearizzazione (OL) nel file (F) o PS-startup (S), pagina 3/33

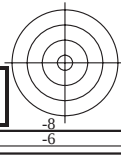
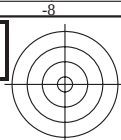
SI190-70
grafico TUB-SI19; 1080 colori standard
grafico conformemente a DIN 33872, 3D=0, de=0, cmyk

immettere: $rgb/cmyk \rightarrow rgb_d$
uscita: trasferire a $cmyk_d$

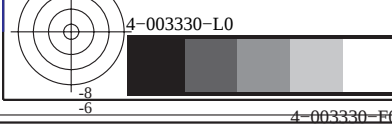
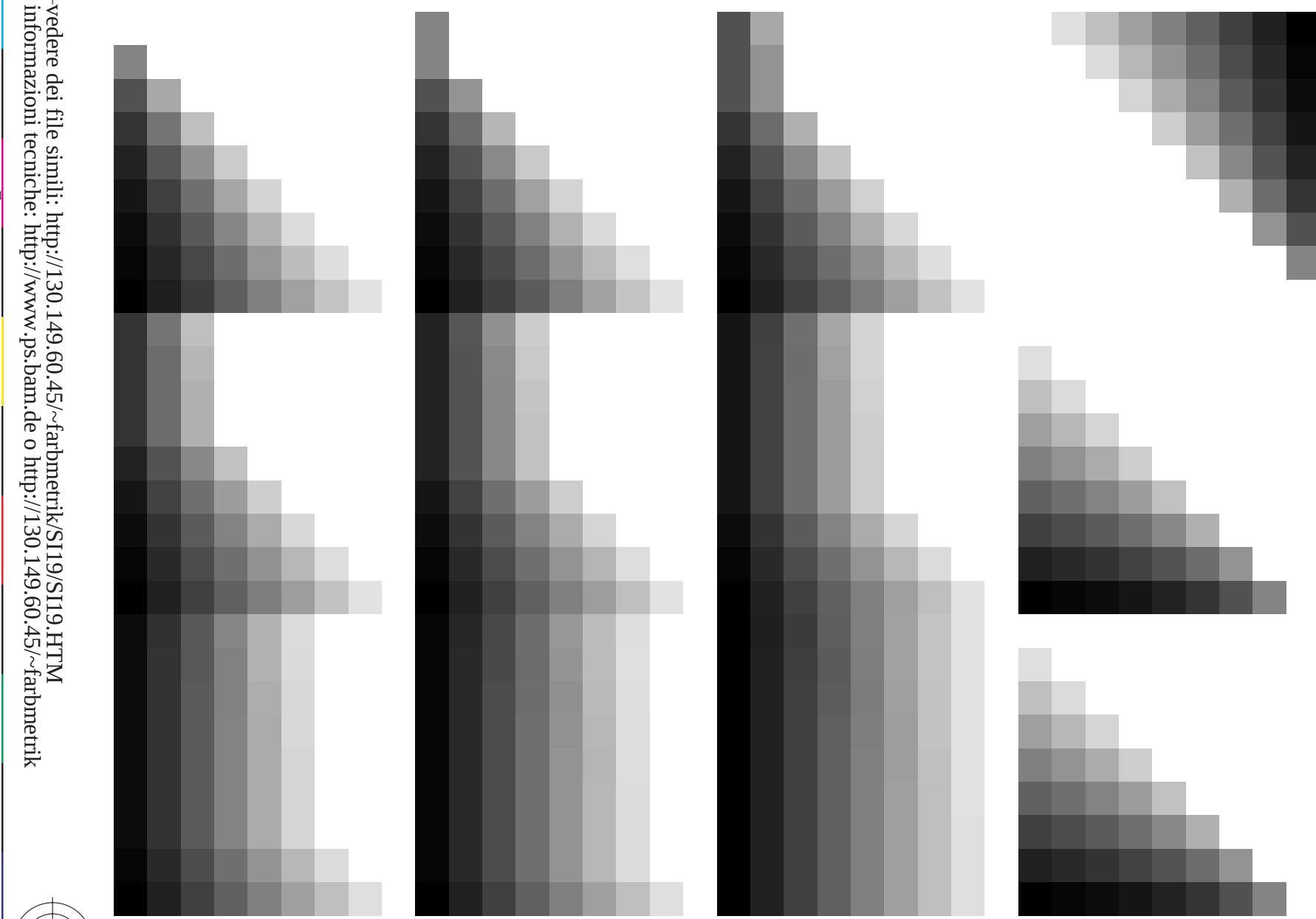
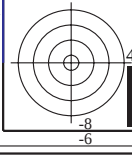
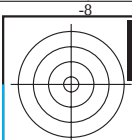
vedere dei file simili: <http://130.149.60.45/~farbmetrik/SI19/SI19.HTM>
informazioni tecniche: <http://www.ps.bam.de> o <http://130.149.60.45/~farbmetrik>

TUB iscrizione: 20130201-SI19/SI19L0NP.PDF /.PS
la domanda per la misura di uscita della stampante laser, separazionecmy6 (CMYK)

TUB materiale: code=rha4ta



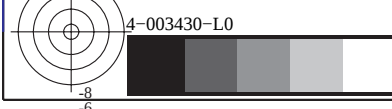
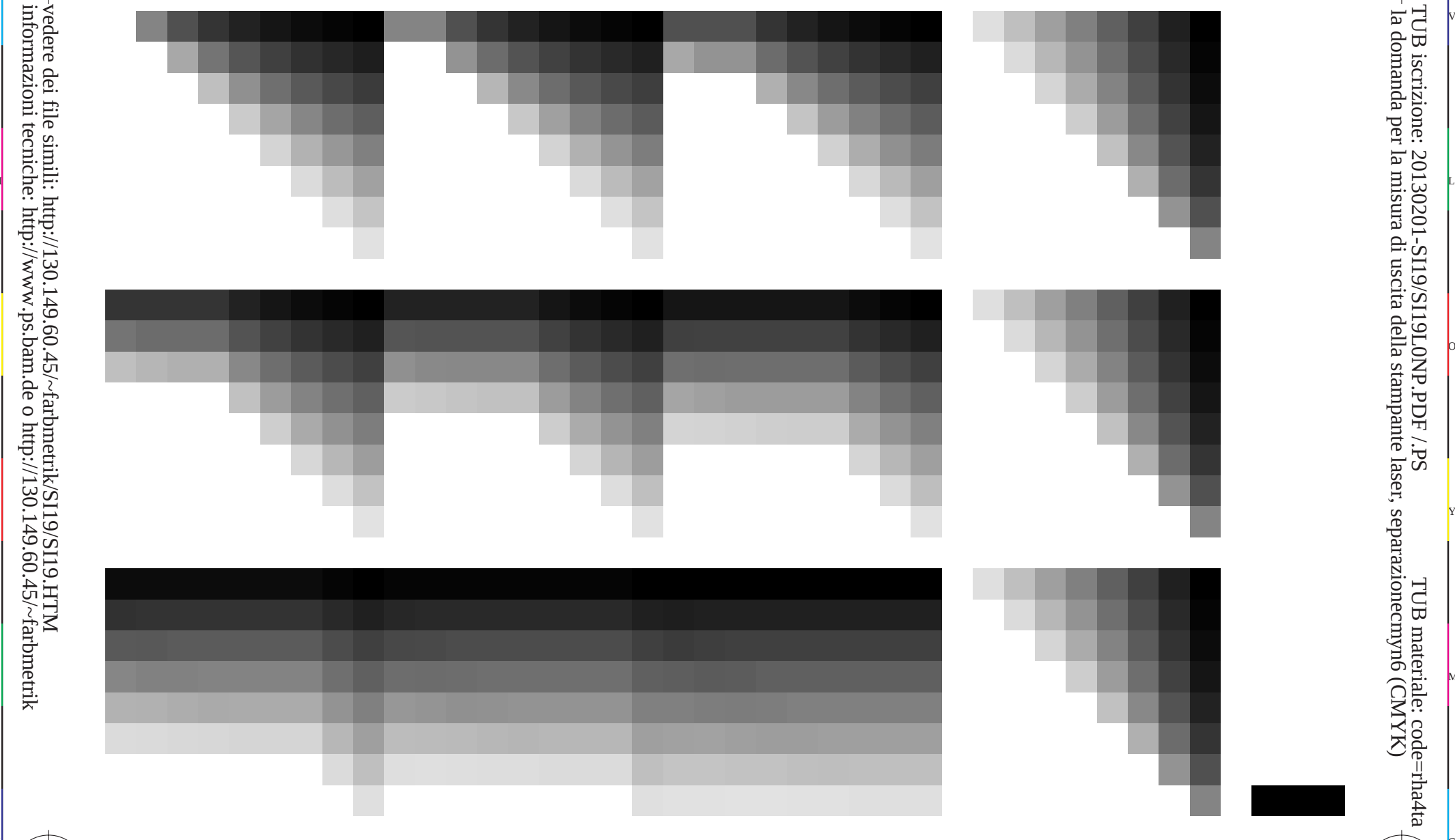
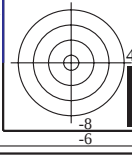
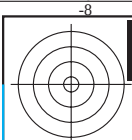
<http://130.149.60.45/~farbmetrik/SI19/SI19L0NP.PDF> /.PS; uscita di trasferimento
N: nessun 3D-linearizzazione (OL) nel file (F) o PS-startup (S), pagina 4/33



4-003330-L0 SI190-70
grafico TUB-SI19; 1080 colori standard
grafico conformemente a DIN 33872, 3D=0, de=0, cmyk

immettere: $rgb/cmyk \rightarrow rgb_d$
uscita: trasferire a $cmyk_d$

vedere dei file simili: <http://130.149.60.45/~farbmetrik/SI19/SI19.HTM>
informazioni tecniche: <http://www.ps.bam.de> o <http://130.149.60.45/~farbmetrik>



vedere dei file simili: <http://130.149.60.45/~farbmetrik/SI19/SI19.HTM>
informazioni tecniche: <http://www.ps.bam.de> o <http://130.149.60.45/~farbmetrik>

vedere dei file simili: <http://130.149.60.45/~farbmetrik/SI19/SI19.HTM>
informazioni tecniche: <http://www.ps.bam.de> o <http://130.149.60.45/~farbmetrik>

TUB iscrizione: 20130201-SI19/SI19L0NP.PDF /.PS
la domanda per la misura di uscita della stampante laser, separazionecmy6 (CMYK)

TUB materiale: code=rha4ta

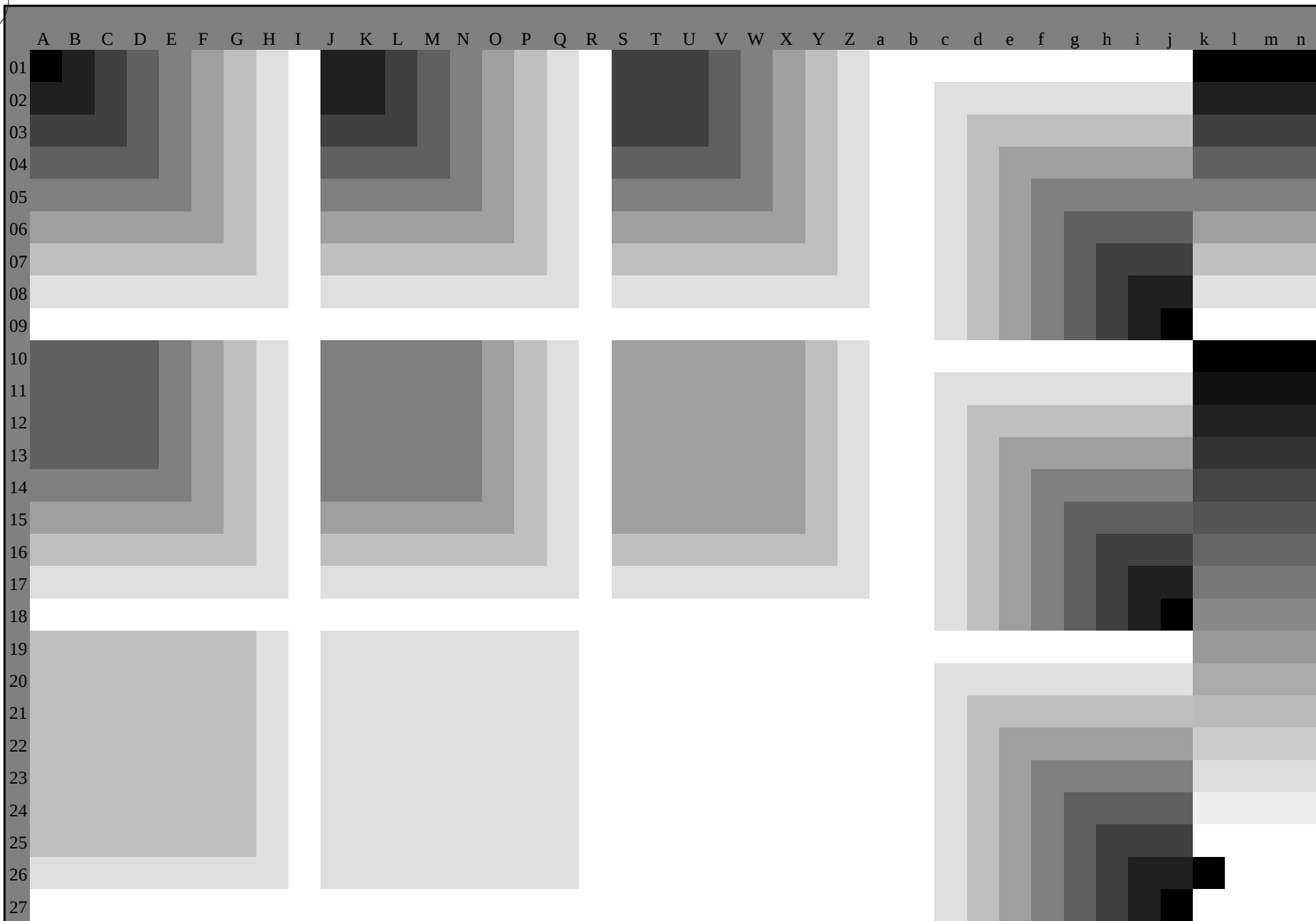


grafico TUB-SI19; 1080 colori standard
grafico conformemente a DIN 33872, 3D=0, de=0, cmyk

immettere: *rgb/cmyk* -> *rgb_d*
uscita: trasferire a *cmyk_d*

Data of Maximum color M in colorimetric system Laser printer output; separation cmyn6*, D65 for input or output; Six hue angles of the 60 degree standard colours $RYGBM_s$: $h_{ab,ds} = 30.0, 90.0, 150.0, 210.0, 270.0, 330.0$; Six hue angles of the device colours $RYGBM_d$: $h_{ab,d} = 33.5, 100.6, 155.5, 235.2, 290.8, 348.9$; Six hue angles of the elementary colours $RYGBM_e$: $h_{ab,e} = 25.5, 92.3, 162.2, 217.0, 271.7, 328.6$

$J=Y_d$
 $LCH^*_d = 91.5 \ 86.1 \ 100.5$
 $LAB^*_d = 91.5 \ -15.8 \ 84.6$
 $rgb^*_d = 1.0 \ 1.0 \ 0.0$

$L=G_d$
 $LCH^*_d = 54.3 \ 74.3 \ 155.5$
 $LAB^*_d = 54.3 \ -67.6 \ 30.8$
 $rgb^*_d = 0.0 \ 1.0 \ 0.0$

$C=C_d$
 $LCH^*_d = 53.1 \ 52.5 \ 235.1$
 $LAB^*_d = 53.1 \ -30.0 \ -43.1$
 $rgb^*_d = 0.0 \ 1.0 \ 1.0$

$O=R_d$
 $LCH^*_d = 47.5 \ 68.6 \ 33.4$
 $LAB^*_d = 47.5 \ 57.2 \ 37.8$
 $rgb^*_d = 1.0 \ 0.0 \ 0.0$

$M=M_d$
 $LCH^*_d = 48.1 \ 66.6 \ 348.9$
 $LAB^*_d = 48.1 \ 65.4 \ -12.7$
 $rgb^*_d = 1.0 \ 0.0 \ 1.0$

$V=B_d$
 $LCH^*_d = 32.5 \ 47.7 \ 290.8$
 $LAB^*_d = 32.5 \ 16.9 \ -44.6$
 $rgb^*_d = 0.0 \ 0.0 \ 1.0$

Y_e
 $LCH^*_e = 83.6 \ 76.9 \ 92.3$
 $LAB^*_e = 83.6 \ -3.1 \ 76.8$
 $rgb^*_{de} = 1.0 \ 0.768 \ 0.0$

G_e
 $LCH^*_e = 53.8 \ 69.2 \ 162.2$
 $LAB^*_e = 53.8 \ -65.9 \ 21.1$
 $rgb^*_{de} = 0.0 \ 1.0 \ 0.146$

C_e
 $LCH^*_e = 54.9 \ 48.4 \ 216.9$
 $LAB^*_e = 54.9 \ -38.7 \ -29.1$
 $rgb^*_{de} = 0.0 \ 1.0 \ 0.791$

B_e
 $LCH^*_e = 37.3 \ 48.7 \ 271.7$
 $LAB^*_e = 37.3 \ 1.4 \ -48.6$
 $rgb^*_{de} = 0.0 \ 0.261 \ 1.0$

R_e
 $LCH^*_e = 47.5 \ 62.1 \ 25.4$
 $LAB^*_e = 47.5 \ 56.0 \ 26.7$
 $rgb^*_{de} = 1.0 \ 0.0 \ 0.263$

M_e
 $LCH^*_e = 38.5 \ 54.7 \ 328.6$
 $LAB^*_e = 38.5 \ 46.7 \ -28.5$
 $rgb^*_{de} = 0.584 \ 0.0 \ 1.0$

Y_s
 $LCH^*_s = 81.8 \ 76.2 \ 90.0$
 $LAB^*_s = 81.8 \ 0.0 \ 76.2$
 $rgb^*_{ds} = 1.0 \ 0.732 \ 0.0$

G_s
 $LCH^*_s = 57.6 \ 70.9 \ 150.0$
 $LAB^*_s = 57.6 \ -61.4 \ 35.4$
 $rgb^*_{ds} = 0.145 \ 1.0 \ 0.0$

C_s
 $LCH^*_s = 55.2 \ 48.1 \ 210.0$
 $LAB^*_s = 55.2 \ -41.7 \ -24.0$
 $rgb^*_{ds} = 0.0 \ 1.0 \ 0.694$

R_s
 $LCH^*_s = 47.6 \ 65.0 \ 30.0$
 $LAB^*_s = 47.6 \ 56.3 \ 32.5$
 $rgb^*_{ds} = 1.0 \ 0.0 \ 0.157$

M_s
 $LCH^*_s = 38.9 \ 55.3 \ 330.0$
 $LAB^*_s = 38.9 \ 47.9 \ -27.6$
 $rgb^*_{ds} = 0.612 \ 0.0 \ 1.0$

B_s
 $LCH^*_s = 38.0 \ 48.9 \ 270.0$
 $LAB^*_s = 38.0 \ 0.0 \ -48.9$
 $rgb^*_{ds} = 0.0 \ 0.283 \ 1.0$

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

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

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

$h_{ab,s}$

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

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

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

$h_{ab,e}$

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

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

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

$h_{ab,d}$

rgb^*_{de}

4-003630-L0

SI190-70

$LAB^*Ia0, YN=0\%, XYZnW=3.9, 4.1, 4.1, 84.7, 89.6, 93.9, LAB^*nw=23.9, 0.0, 0.0, 95.8, 0.0, 0.0$

uscita: Laser printer output; separation cmyn6*, D65, pagina 7/33

grafico TUB-SI19; 1080 colori standard

immettere: $rgb/cmyk \rightarrow rgb_d$

cerchio delle tinte a 48 passi; $rgb-LabCh^*tavole, 3D=0, de=0, cmymk$ trasferire a $cmyk_d$

4-003630-F0

Data of Maximum color M in colorimetric system Laser printer output; separation cmyn6*, D65 for input or output; Six hue angles of the 60 degree standard colours $RYGCBM_c$: $h_{ab,ds} = 30.0, 90.0, 150.0, 210.0, 270.0, 330.0$;
Six hue angles of the device colours $RYGCBM_d$: $h_{ab,d} = 33.5, 100.6, 155.5, 235.2, 290.8, 348.9$; 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}	$LAB^*_{ddx64M}(x=LabCh)$		$rgb^*_{dex361M}$	$LAB^*_{dex361M}$												
33.4	30.0	25.4	1.0	0.0	0.0	47.5	57.2	37.8	68.6	33.4	33.4	1.0	0.0	0.0	26.3	62.1	25.4	25	
42.1	37.5	33.8	1.0	0.125	0.0	51.9	54.3	49.2	73.2	42.1	42.1	1.0	0.0	0.012	47.6	57.2	37.5	68.4	33
52.8	45.0	42.1	1.0	0.25	0.0	58.2	41.8	55.1	69.2	52.8	52.8	1.0	0.125	0.0	52.0	54.3	49.2	73.3	42
63.7	52.5	50.5	1.0	0.375	0.0	64.6	29.8	60.4	67.3	63.7	63.7	1.0	0.216	0.0	56.6	45.2	53.9	70.3	49
73.8	60.0	58.8	1.0	0.5	0.0	70.5	19.2	66.2	69.0	73.8	73.8	1.0	0.32	0.0	61.8	35.2	58.4	68.2	58
80.7	67.5	67.2	1.0	0.625	0.0	74.9	11.4	70.7	71.6	80.7	80.7	1.0	0.412	0.0	66.4	26.9	62.3	67.9	66
91.5	75.0	75.6	1.0	0.75	0.0	82.9	-2.0	76.9	77.0	91.5	91.5	1.0	0.532	0.0	71.6	17.3	67.5	69.7	75
96.8	82.5	83.9	1.0	0.875	0.0	87.6	-9.0	75.7	76.3	96.8	96.8	1.0	0.655	0.0	76.9	8.4	72.5	73.0	83
100.5	90.0	92.3	1.0	1.0	0.0	91.5	-15.8	84.6	86.1	100.5	100.5	1.0	0.769	0.0	83.7	-3.0	76.8	76.9	92
101.4	97.5	101.0	0.875	1.0	0.0	92.8	-18.1	89.4	91.2	101.4	101.4	1.0	0.996	0.0	91.5	-15.5	84.4	85.8	100
103.9	105.0	109.7	0.75	1.0	0.0	90.1	-21.3	86.0	88.6	103.9	103.9	0.684	1.0	0.0	84.7	-27.5	76.7	81.5	109
115.0	112.5	118.5	0.625	1.0	0.0	79.9	-31.7	67.9	75.0	115.0	115.0	0.595	1.0	0.0	77.8	-34.4	65.0	73.6	117
127.3	120.0	127.2	0.5	1.0	0.0	70.9	-41.7	54.8	68.9	127.3	127.3	0.501	1.0	0.0	71.0	-41.6	54.9	68.9	127
134.7	127.5	136.0	0.375	1.0	0.0	66.5	-47.5	48.0	67.6	134.7	134.7	0.366	1.0	0.0	66.2	-48.2	47.6	67.8	135
144.7	135.0	144.7	0.25	1.0	0.0	60.6	-57.2	40.4	70.1	144.7	144.7	0.25	1.0	0.0	60.6	-57.1	40.5	70.1	144
151.0	142.5	153.4	0.125	1.0	0.0	57.0	-62.2	34.4	71.1	151.0	151.0	0.073	1.0	0.0	55.9	-64.4	33.0	72.5	152
155.5	150.0	162.2	0.0	1.0	0.0	54.3	-67.6	30.8	74.3	155.5	155.5	0.0	1.0	0.147	53.8	-65.9	21.1	69.3	162
160.8	157.5	169.0	0.0	1.0	0.125	53.8	-66.4	23.0	70.2	160.8	160.8	0.0	1.0	0.251	53.8	-63.0	12.7	64.4	168
168.5	165.0	175.9	0.0	1.0	0.25	53.7	-63.1	12.8	64.4	168.5	168.5	0.0	1.0	0.331	54.4	-59.3	4.2	59.5	175
179.9	172.5	182.7	0.0	1.0	0.375	54.7	-56.8	0.0	56.8	179.9	179.9	0.0	1.0	0.405	54.8	-55.6	-2.1	55.7	182
189.8	180.0	189.6	0.0	1.0	0.5	55.0	-51.4	-8.9	52.2	189.8	189.8	0.0	1.0	0.497	55.0	-51.5	-8.6	52.3	189
204.4	187.5	196.4	0.0	1.0	0.625	55.3	-44.1	-20.0	48.5	204.4	204.4	0.0	1.0	0.553	55.2	-48.6	-13.9	50.7	195
214.4	195.0	203.2	0.0	1.0	0.75	55.2	-39.5	-27.1	47.9	214.4	214.4	0.0	1.0	0.615	55.3	-44.7	-19.2	48.8	203
221.9	202.5	210.1	0.0	1.0	0.875	54.4	-36.7	-33.0	49.4	221.9	221.9	0.0	1.0	0.69	55.3	-41.8	-23.8	48.2	209
235.1	210.0	216.9	0.0	1.0	1.0	53.1	-30.0	-43.1	52.5	235.1	235.1	0.0	1.0	0.792	55.0	-38.6	-29.0	48.4	216
237.9	217.5	223.8	0.0	0.875	1.0	53.1	-27.9	-44.7	52.7	237.9	237.9	0.0	1.0	0.888	54.3	-36.1	-34.1	49.8	223
241.3	225.0	230.6	0.0	0.75	1.0	52.9	-25.9	-47.5	54.1	241.3	241.3	0.0	1.0	0.957	53.6	-32.5	-39.7	51.5	230
247.2	232.5	237.5	0.0	0.625	1.0	50.5	-20.8	-49.5	53.7	247.2	247.2	0.0	0.916	1.0	53.1	-28.6	-44.1	52.7	237
254.9	240.0	244.3	0.0	0.5	1.0	46.1	-13.3	-49.4	51.1	254.9	254.9	0.0	0.686	1.0	51.7	-23.3	-48.5	54.0	244
262.6	247.5	251.2	0.0	0.375	1.0	41.4	-6.3	-49.2	49.6	262.6	262.6	0.0	0.568	1.0	48.6	-17.2	-49.5	52.6	250
272.6	255.0	258.0	0.0	0.25	1.0	36.8	2.2	-48.5	48.6	272.6	272.6	0.0	0.449	1.0	44.2	-10.4	-49.4	50.6	258
281.4	262.5	264.8	0.0	0.125	1.0	35.0	9.4	-46.3	47.3	281.4	281.4	0.0	0.353	1.0	40.6	-4.7	-49.2	49.5	264
290.8	270.0	271.7	0.0	0.0	1.0	32.5	16.9	-44.6	47.7	290.8	290.8	0.0	0.261	1.0	37.3	1.5	-48.6	48.7	271
299.2	277.5	278.8	0.125	0.0	1.0	31.6	23.6	-42.2	48.4	299.2	299.2	0.0	0.169	1.0	35.7	7.0	-47.2	47.8	278
307.8	285.0	285.9	0.25	0.0	1.0	31.0	30.5	-39.3	49.8	307.8	307.8	0.0	0.065	1.0	33.9	13.1	-45.6	47.5	285
317.5	292.5	293.0	0.375	0.0	1.0	34.2	38.2	-35.0	51.8	317.5	317.5	0.026	0.0	1.0	32.4	18.4	-44.1	47.9	292
324.4	300.0	300.1	0.5	0.0	1.0	37.2	43.1	-30.8	53.0	324.4	324.4	0.139	0.0	1.0	31.5	24.4	-41.9	48.6	300
330.6	307.5	307.2	0.625	0.0	1.0	39.1	48.4	-27.2	55.6	330.6	330.6	0.235	0.0	1.0	31.1	29.8	-39.7	49.7	306
338.7	315.0	314.3	0.75	0.0	1.0	41.8	55.1	-21.4	59.1	338.7	338.7	0.335	0.0	1.0	33.2	35.8	-36.5	51.2	314
343.9	322.5	321.4	0.875	0.0	1.0	45.6	60.1	-17.3	62.6	343.9	343.9	0.439	0.0	1.0	35.8	40.8	-32.9	52.5	321
348.9	330.0	328.6	1.0	0.0	1.0	48.1	65.4	-12.7	66.6	348.9	348.9	0.584	0.0	1.0	38.5	46.8	-28.4	54.8	328
350.7	337.5	335.7	1.0	0.0	0.875	49.5	66.1	-10.7	67.0	350.7	350.7	0.696	0.0	1.0	40.7	52.3	-24.0	57.6	335
354.2	345.0	342.8	1.0	0.0	0.75	49.3	64.5	-6.5	64.8	354.2	354.2	0.848	0.0	1.0	44.9	59.1	-18.2	61.9	342
361.9	352.5	349.9	1.0	0.0	0.625	48.0	61.8	2.1	61.8	361.9	361.9	1.0	0.0	0.964	48.6	65.6	-12.1	66.8	349
370.0	360.0	357.0	1.0	0.0	0.5	47.8	58.9	10.4	59.9	370.0	370.0	1.0	0.0	0.828	49.5	65.6	-9.0	66.2	352
378.9	367.5	364.1	1.0	0.0	0.375	47.4	56.8	19.5	60.0	378.9	378.9	1.0	0.0	0.659	48.4	62.7	-0.1	62.7	359
386.2	375.0	371.2	1.0	0.0	0.25	47.5	55.9	27.5	62.3	386.2	386.2	1.0	0.0	0.519	47.8	59.5	9.2	60.2	368
391.3	382.5	378.3	1.0	0.0	0.125	47.6	56.3	34.2	65.9	391.3	391.3	1.0	0.0	0.408	47.5	57.6	17.1	60.0	376
393.4	390.0	385.4	1.0	0.0	0.0	47.5	57.2	37.8	68.6	393.4	393.4	1.0	0.0	0.263	47.6	56.1	26.7	62.1	385



4-003830-L0 SI190-70 LAB*la0, YN=0%, XYZnw=3.9, 4.1, 4.1, 84.7, 89.6, 93.9, LAB*nw=23.9, 0.0, 0.0, 95.8, 0.0, 0.0

grafico TUB-SI19; 1080 colori standard
cerchio delle tinte a 48 passi; $rgb-LabCh^*_{tavole}$, 3D=0, de=0

immettere: $rgb/cmyk \rightarrow rgb_d$
uscire: $cmyk_{trasferire} a cmyk_d$

uscita: Laser printer output; separation cmyn6*, D65, pagina 9/33

vedere dei file simili: <http://130.149.60.45/~farbmetrik/SI19/SI19L0NP.PDF> /PS
informazioni tecniche: <http://www.ps.bam.de> o <http://130.149.60.45/~farbmetrik>

TUB iscrizione: 20130201-SI19/SI19L0NP.PDF /PS
la domanda per la misura di uscita della stampante laser, separazione cmyn6 (CMYK)
TUB materiale: code=rha4ta

Data of Maximum color M in colorimetric system Laser printer output; 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 $RYGCBM_d$: $h_{ab,d} = 33.5, 100.6, 155.5, 235.2, 290.8, 348.9$; 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}	$LAB^*_{ddx361Mi}(x=LabCh)$	R_d	$rgb^*_{ds361Mi}$	$LAB^*_{dsx361Mi}(x=LabCh)$	R_s	$rgb^*_{dd361Mi}$	$LAB^*_{dex361Mi}(x=LabCh)$	R_e	$rgb^*_{dd361Mi}$	rgb^*_{dd}	rgb^*_{ds}	rgb^*_{de}
33	30	25	1.0	0.0 0.0	47.5	57.2	37.8	68.6	33	1.0	0.0	0.0	0.0	0.0	0.0
34	31	26	1.0	0.016 0.0	48.1	56.9	39.3	69.2	34	1.0	0.0	0.017 0.0	1.0	0.017 0.0	1.0
35	32	27	1.0	0.033 0.0	48.7	56.6	40.8	69.8	35	1.0	0.0	0.033 0.0	1.0	0.033 0.0	1.0
36	33	28	1.0	0.05 0.0	49.3	56.3	42.3	70.4	36	1.0	0.0	0.05 0.0	1.0	0.05 0.0	1.0
38	34	29	1.0	0.066 0.0	49.9	55.9	43.9	71.1	38	1.0	0.0	0.067 0.0	1.0	0.067 0.0	1.0
39	35	31	1.0	0.083 0.0	50.5	55.5	45.4	71.7	39	1.0	0.0	0.083 0.0	1.0	0.083 0.0	1.0
40	36	32	1.0	0.1 0.0	51.0	55.0	46.9	72.3	40	1.0	0.0	0.1 0.0	1.0	0.1 0.0	1.0
41	37	33	1.0	0.116 0.0	51.6	54.5	48.4	72.9	41	1.0	0.0	0.117 0.0	1.0	0.117 0.0	1.0
42	38	34	1.0	0.133 0.0	52.3	53.4	49.7	73.0	42	1.0	0.0	0.133 0.0	1.0	0.133 0.0	1.0
44	39	35	1.0	0.15 0.0	53.2	51.8	50.6	72.4	44	1.0	0.0	0.15 0.0	1.0	0.15 0.0	1.0
45	40	36	1.0	0.166 0.0	54.0	50.2	51.5	71.9	45	1.0	0.0	0.167 0.0	1.0	0.167 0.0	1.0
47	41	37	1.0	0.183 0.0	54.9	48.5	52.3	71.4	47	1.0	0.0	0.183 0.0	1.0	0.183 0.0	1.0
48	42	38	1.0	0.2 0.0	55.7	46.8	53.1	70.8	48	1.0	0.0	0.2 0.0	1.0	0.2 0.0	1.0
50	43	39	1.0	0.216 0.0	56.6	45.2	53.8	70.3	50	1.0	0.0	0.217 0.0	1.0	0.217 0.0	1.0
51	44	41	1.0	0.233 0.0	57.4	43.5	54.5	69.7	51	1.0	0.0	0.233 0.0	1.0	0.233 0.0	1.0
52	45	42	1.0	0.25 0.0	58.2	41.8	55.1	69.2	52	1.0	0.0	0.25 0.0	1.0	0.25 0.0	1.0
54	46	43	1.0	0.266 0.0	59.1	40.2	56.0	69.0	54	1.0	0.0	0.267 0.0	1.0	0.267 0.0	1.0
55	47	44	1.0	0.283 0.0	59.9	38.6	56.8	68.7	55	1.0	0.0	0.283 0.0	1.0	0.283 0.0	1.0
57	48	45	1.0	0.3 0.0	60.8	37.1	57.5	68.5	57	1.0	0.0	0.3 0.0	1.0	0.3 0.0	1.0
58	49	46	1.0	0.316 0.0	61.6	35.5	58.2	68.2	58	1.0	0.0	0.317 0.0	1.0	0.317 0.0	1.0
60	50	47	1.0	0.333 0.0	62.5	33.9	58.9	68.0	60	1.0	0.0	0.333 0.0	1.0	0.333 0.0	1.0
61	51	48	1.0	0.35 0.0	63.3	32.2	59.5	67.7	61	1.0	0.0	0.35 0.0	1.0	0.35 0.0	1.0
63	52	49	1.0	0.366 0.0	64.2	30.6	60.1	67.5	63	1.0	0.0	0.367 0.0	1.0	0.367 0.0	1.0
64	53	51	1.0	0.383 0.0	65.0	29.1	60.8	67.4	64	1.0	0.0	0.383 0.0	1.0	0.383 0.0	1.0
65	54	52	1.0	0.4 0.0	65.8	27.8	61.7	67.7	65	1.0	0.0	0.4 0.0	1.0	0.4 0.0	1.0
67	55	53	1.0	0.416 0.0	66.6	26.4	62.5	67.9	67	1.0	0.0	0.417 0.0	1.0	0.417 0.0	1.0
68	56	54	1.0	0.433 0.0	67.3	25.0	63.3	68.1	68	1.0	0.0	0.433 0.0	1.0	0.433 0.0	1.0
69	57	55	1.0	0.45 0.0	68.1	23.6	64.1	68.3	69	1.0	0.0	0.45 0.0	1.0	0.45 0.0	1.0
71	58	56	1.0	0.466 0.0	68.9	22.1	64.8	68.5	71	1.0	0.0	0.467 0.0	1.0	0.467 0.0	1.0
72	59	57	1.0	0.483 0.0	69.7	20.7	65.6	68.8	72	1.0	0.0	0.483 0.0	1.0	0.483 0.0	1.0
73	60	58	1.0	0.5 0.0	70.5	19.2	66.2	69.0	73	1.0	0.0	0.5 0.0	1.0	0.5 0.0	1.0
74	61	60	1.0	0.516 0.0	71.0	18.2	66.9	69.3	74	1.0	0.0	0.517 0.0	1.0	0.517 0.0	1.0
75	62	61	1.0	0.533 0.0	71.6	17.2	67.5	69.7	75	1.0	0.0	0.533 0.0	1.0	0.533 0.0	1.0
76	63	62	1.0	0.55 0.0	72.2	16.2	68.1	70.0	76	1.0	0.0	0.55 0.0	1.0	0.55 0.0	1.0
77	64	63	1.0	0.566 0.0	72.8	15.1	68.7	70.4	77	1.0	0.0	0.567 0.0	1.0	0.567 0.0	1.0
78	65	64	1.0	0.583 0.0	73.4	14.1	69.3	70.7	78	1.0	0.0	0.583 0.0	1.0	0.583 0.0	1.0
79	66	65	1.0	0.6 0.0	74.0	13.0	69.9	71.1	79	1.0	0.0	0.6 0.0	1.0	0.6 0.0	1.0
80	67	66	1.0	0.616 0.0	74.6	12.0	70.4	71.4	80	1.0	0.0	0.617 0.0	1.0	0.617 0.0	1.0
81	68	67	1.0	0.633 0.0	75.4	10.6	71.2	72.0	81	1.0	0.0	0.633 0.0	1.0	0.633 0.0	1.0
82	69	68	1.0	0.65 0.0	76.5	8.9	72.1	72.7	82	1.0	0.0	0.65 0.0	1.0	0.65 0.0	1.0
84	70	70	1.0	0.666 0.0	77.5	7.2	73.0	73.4	84	1.0	0.0	0.667 0.0	1.0	0.667 0.0	1.0
85	71	71	1.0	0.683 0.0	78.6	5.4	73.9	74.1	85	1.0	0.0	0.683 0.0	1.0	0.683 0.0	1.0
87	72	72	1.0	0.7 0.0	79.7	3.6	74.7	74.8	87	1.0	0.0	0.7 0.0	1.0	0.7 0.0	1.0
88	73	73	1.0	0.716 0.0	80.8	1.7	75.5	75.5	88	1.0	0.0	0.717 0.0	1.0	0.717 0.0	1.0
-269	74	74	1.0	0.733 0.0	81.8	-0.1	76.3	76.3	-269	1.0	0.0	0.733 0.0	1.0	0.733 0.0	1.0
-268	75	75	1.0	0.75 0.0	82.9	-2.0	76.9	77.0	-268	1.0	0.0	0.75 0.0	1.0	0.75 0.0	1.0

4-003930-L0 SI190-70 LAB*la0, YN=0%, XYZnw=3.9, 4.1, 4.1, 84.7, 89.6, 93.9, LAB*nw=23.9, 0.0, 0.0, 95.8, 0.0, 0.0

uscita: Laser printer output; separation cmyn6*, D65, pagina 10/33

grafico TUB-SI19; 1080 colori standard
cerchio delle tinte a 48 passi; $rgb-LabCh$ *tavole, 3D=0, de=0

immettere: $rgb/cmyk \rightarrow rgb_d$
uscire: $cmyk$ trasferire a $cmyk_d$

vedere dei file simili: <http://130.149.60.45/~farbmetrik/SI19/SI19.HTM>
informazioni tecniche: <http://www.ps.bam.de> o <http://130.149.60.45/~farbmetrik>

TUB iscrizione: 20130201-SI19/SI19L0NP.PDF /.PS
la domanda per la misura di uscita della stampante laser, separazione cmyn6 (CMYK)
TUB materiale: code=rha4ta

Data of Maximum color M in colorimetric system Laser printer output; 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 $RYGCBM_d$: $h_{ab,d} = 33.5, 100.6, 155.5, 235.2, 290.8, 348.9$; 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}	$LAB^*_{d361M}(x=LabCh)$	$rgb^*_{ds361Mi}$	$LAB^*_{ds361Mi}(x=LabCh)$	$rgb^*_{dd361Mi}$	$LAB^*_{de361Mi}$	$rgb^*_{dex361Mi}(x=LabCh)$	$rgb^*_{dd361Mi}$	rgb^*_{dd}	rgb^*_{ds}	rgb^*_{de}
-268	75	75	1.0	0.75	0.0	82.9	-2.0	76.9	77.0	-268	R_d		
92	76	76	1.0	0.766	0.0	83.5	-2.9	76.8	76.9	92			
92	77	77	1.0	0.783	0.0	84.2	-3.9	76.7	76.8	92			
93	78	78	1.0	0.8	0.0	84.8	-4.8	76.5	76.7	93			
94	79	80	1.0	0.816	0.0	85.4	-5.8	76.4	76.6	94			
95	80	81	1.0	0.833	0.0	86.0	-6.7	76.2	76.5	95			
95	81	82	1.0	0.85	0.0	86.6	-7.6	76.0	76.4	95			
96	82	83	1.0	0.866	0.0	87.3	-8.6	75.8	76.3	96			
97	83	84	1.0	0.883	0.0	87.8	-9.4	76.3	76.9	97			
97	84	85	1.0	0.9	0.0	88.4	-10.3	77.6	78.2	97			
98	85	86	1.0	0.916	0.0	88.9	-11.2	78.8	79.6	98			
98	86	87	1.0	0.933	0.0	89.4	-12.0	80.0	80.9	98			
99	87	88	1.0	0.95	0.0	89.9	-12.9	81.1	82.2	99			
99	88	90	1.0	0.966	0.0	90.5	-13.9	82.3	83.5	99			
100	89	91	1.0	0.983	0.0	91.0	-14.8	83.5	84.8	100			
100	90	92	1.0	1.0	0.0	91.5	-15.8	84.6	86.1	100	Y_d		
100	91	93	0.983	1.0	0.0	91.7	-16.1	85.3	86.8	100			
100	92	94	0.966	1.0	0.0	91.9	-16.4	85.9	87.5	100			
100	93	95	0.95	1.0	0.0	92.0	-16.7	86.5	88.2	100			
101	94	96	0.933	1.0	0.0	92.2	-17.0	87.2	88.8	101			
101	95	98	0.916	1.0	0.0	92.4	-17.3	87.8	89.5	101			
101	96	99	0.9	1.0	0.0	92.5	-17.6	88.4	90.2	101			
101	97	100	0.883	1.0	0.0	92.7	-18.0	89.1	90.9	101			
101	98	101	0.866	1.0	0.0	92.6	-18.3	89.2	91.0	101			
101	99	102	0.85	1.0	0.0	92.2	-18.8	88.7	90.7	101			
102	100	103	0.833	1.0	0.0	91.9	-19.2	88.3	90.3	102			
102	101	105	0.816	1.0	0.0	91.5	-19.6	87.8	90.0	102			
102	102	106	0.8	1.0	0.0	91.1	-20.1	87.4	89.7	102			
103	103	107	0.783	1.0	0.0	90.8	-20.5	86.9	89.3	103			
103	104	108	0.766	1.0	0.0	90.4	-20.9	86.5	89.0	103			
103	105	109	0.75	1.0	0.0	90.1	-21.3	86.0	88.6	103			
105	106	110	0.733	1.0	0.0	88.7	-23.1	83.7	86.8	105			
106	107	112	0.716	1.0	0.0	87.3	-24.7	81.3	85.0	106			
108	108	113	0.7	1.0	0.0	86.0	-26.2	78.9	83.2	108			
109	109	114	0.683	1.0	0.0	84.6	-27.6	76.5	81.3	109			
111	110	115	0.666	1.0	0.0	83.3	-28.9	74.1	79.5	111			
112	111	116	0.65	1.0	0.0	81.9	-30.1	71.6	77.7	112			
114	112	117	0.633	1.0	0.0	80.5	-31.2	69.2	75.9	114			
115	113	119	0.616	1.0	0.0	79.3	-32.5	67.1	74.6	115			
117	114	120	0.6	1.0	0.0	78.1	-34.0	65.4	73.8	117			
119	115	121	0.583	1.0	0.0	76.9	-35.5	63.7	72.9	119			
120	116	122	0.566	1.0	0.0	75.7	-36.9	62.0	72.1	120			
122	117	123	0.55	1.0	0.0	74.5	-38.2	60.2	71.3	122			
124	118	124	0.533	1.0	0.0	73.3	-39.4	58.4	70.5	124			
125	119	126	0.516	1.0	0.0	72.1	-40.6	56.6	69.7	125			
127	120	127	0.5	1.0	0.0	70.9	-41.7	54.8	68.9	127			

4-0031030-L0 SI190-70 LAB*la0, YN=0%, XYZnw=3.9, 4.1, 4.1, 84.7, 89.6, 93.9, LAB*nw=23.9, 0.0, 0.0, 95.8, 0.0, 0.0

grafico TUB-SI19; 1080 colori standard
cerchio delle tinte a 48 passi; $rgb-LabCh$ *tavole, 3D=0, de=0

immettere: $rgb/cmyk \rightarrow rgb_d$
uscire: $cmyk$ trasferire a $cmyk_d$

uscita: Laser printer output; separation cmyn6*, D65, pagina 11/33

TUB iscrizione: 20130201-SI19/SI19L0NP.PDF /PS
la domanda per la misura di uscita della stampante laser, separazione cmyn6 (CMYK)

TUB materiale: code=rha4ta

Data of Maximum color M in colorimetric system Laser printer output; 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 $RYGCBM_d$: $h_{ab,d} = 33.5, 100.6, 155.5, 235.2, 290.8, 348.9$; 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}	$LAB^*_{dd361Mi}(x=LabCh)$	$rgb^*_{ds361Mi}$	$LAB^*_{ds361Mi}(x=LabCh)$	$rgb^*_{dd361Mi}$	$LAB^*_{de361Mi}$	$rgb^*_{dex361Mi}(x=LabCh)$	$rgb^*_{dd361Mi}$	$rgb^*_{dd361Mi}$	$rgb^*_{dd361Mi}$	$rgb^*_{dd361Mi}$	$rgb^*_{dd361Mi}$	$rgb^*_{dd361Mi}$	$rgb^*_{dd361Mi}$	$rgb^*_{dd361Mi}$
127	120	127	0.5	1.0	0.0	70.9	-41.7	54.8	68.9	127	0.5	1.0	0.0	70.9	-41.7	54.8	68.9
128	121	128	0.483	1.0	0.0	70.4	-42.6	53.9	68.7	128	0.483	1.0	0.0	70.4	-42.6	53.9	68.7
129	122	129	0.466	1.0	0.0	69.8	-43.4	53.0	68.5	129	0.466	1.0	0.0	69.8	-43.4	53.0	68.5
130	123	130	0.45	1.0	0.0	69.2	-44.2	52.1	68.3	130	0.45	1.0	0.0	69.2	-44.2	52.1	68.3
131	124	131	0.433	1.0	0.0	68.6	-45.0	51.2	68.2	131	0.433	1.0	0.0	68.6	-45.0	51.2	68.2
132	125	132	0.416	1.0	0.0	68.0	-45.7	50.3	68.0	132	0.416	1.0	0.0	68.0	-45.7	50.3	68.0
133	126	133	0.4	1.0	0.0	67.4	-46.5	49.4	67.8	133	0.4	1.0	0.0	67.4	-46.5	49.4	67.8
134	127	134	0.383	1.0	0.0	66.8	-47.2	48.5	67.7	134	0.383	1.0	0.0	66.8	-47.2	48.5	67.7
135	128	135	0.366	1.0	0.0	66.1	-48.2	47.5	67.7	135	0.366	1.0	0.0	66.1	-48.2	47.5	67.7
136	129	136	0.35	1.0	0.0	65.4	-49.5	46.6	68.1	136	0.35	1.0	0.0	65.4	-49.5	46.6	68.1
138	130	138	0.333	1.0	0.0	64.6	-50.9	45.7	68.4	138	0.333	1.0	0.0	64.6	-50.9	45.7	68.4
139	131	140	0.316	1.0	0.0	63.8	-52.2	44.7	68.7	139	0.316	1.0	0.0	63.8	-52.2	44.7	68.7
140	132	141	0.3	1.0	0.0	63.0	-53.5	43.7	69.1	140	0.3	1.0	0.0	63.0	-53.5	43.7	69.1
142	133	142	0.283	1.0	0.0	62.2	-54.7	42.6	69.4	142	0.283	1.0	0.0	62.2	-54.7	42.6	69.4
143	134	143	0.266	1.0	0.0	61.4	-56.0	41.5	69.7	143	0.266	1.0	0.0	61.4	-56.0	41.5	69.7
144	135	144	0.25	1.0	0.0	60.6	-57.2	40.4	70.1	144	0.25	1.0	0.0	60.6	-57.2	40.4	70.1
145	136	145	0.233	1.0	0.0	60.1	-57.9	39.6	70.2	145	0.233	1.0	0.0	60.1	-57.9	39.6	70.2
146	137	146	0.216	1.0	0.0	59.6	-58.6	38.9	70.3	146	0.216	1.0	0.0	59.6	-58.6	38.9	70.3
147	138	147	0.2	1.0	0.0	59.1	-59.3	38.1	70.5	147	0.2	1.0	0.0	59.1	-59.3	38.1	70.5
148	139	148	0.183	1.0	0.0	58.7	-59.9	37.3	70.6	148	0.183	1.0	0.0	58.7	-59.9	37.3	70.6
148	140	150	0.166	1.0	0.0	58.2	-60.6	36.4	70.7	148	0.166	1.0	0.0	58.2	-60.6	36.4	70.7
149	141	151	0.15	1.0	0.0	57.7	-61.2	35.6	70.9	149	0.15	1.0	0.0	57.7	-61.2	35.6	70.9
150	142	152	0.133	1.0	0.0	57.2	-61.9	34.8	71.0	150	0.133	1.0	0.0	57.2	-61.9	34.8	71.0
151	143	154	0.116	1.0	0.0	56.8	-62.5	34.1	71.3	151	0.116	1.0	0.0	56.8	-62.5	34.1	71.3
151	144	155	0.1	1.0	0.0	56.4	-63.3	33.7	71.7	151	0.1	1.0	0.0	56.4	-63.3	33.7	71.7
152	145	156	0.083	1.0	0.0	56.1	-64.0	33.2	72.1	152	0.083	1.0	0.0	56.1	-64.0	33.2	72.1
153	146	157	0.066	1.0	0.0	55.7	-64.7	32.8	72.6	153	0.066	1.0	0.0	55.7	-64.7	32.8	72.6
153	147	158	0.049	1.0	0.0	55.4	-65.5	32.3	73.0	153	0.049	1.0	0.0	55.4	-65.5	32.3	73.0
154	148	159	0.033	1.0	0.0	55.0	-66.2	31.8	73.5	154	0.033	1.0	0.0	55.0	-66.2	31.8	73.5
154	149	161	0.016	1.0	0.0	54.7	-66.9	31.3	73.9	154	0.016	1.0	0.0	54.7	-66.9	31.3	73.9
155	150	162	0.0	1.0	0.0	54.3	-67.6	30.8	74.3	155	0.0	1.0	0.0	54.3	-67.6	30.8	74.3
156	151	163	0.0	1.0	0.016	54.2	-67.5	29.7	73.8	156	0.0	1.0	0.017	54.2	-67.5	29.7	73.8
156	152	164	0.0	1.0	0.033	54.2	-67.4	28.6	73.2	156	0.0	1.0	0.033	54.2	-67.4	28.6	73.2
157	153	164	0.0	1.0	0.05	54.1	-67.2	27.6	72.7	157	0.0	1.0	0.05	54.1	-67.2	27.6	72.7
158	154	165	0.0	1.0	0.066	54.0	-67.1	26.6	72.1	158	0.0	1.0	0.067	54.0	-67.1	26.6	72.1
159	155	166	0.0	1.0	0.083	53.9	-66.9	25.5	71.6	159	0.0	1.0	0.083	53.9	-66.9	25.5	71.6
159	156	167	0.0	1.0	0.1	53.9	-66.7	24.5	71.1	159	0.0	1.0	0.1	53.9	-66.7	24.5	71.1
160	157	168	0.0	1.0	0.116	53.8	-66.5	23.5	70.5	160	0.0	1.0	0.117	53.8	-66.5	23.5	70.5
161	158	169	0.0	1.0	0.133	53.8	-66.2	22.3	69.9	161	0.0	1.0	0.133	53.8	-66.2	22.3	69.9
162	159	170	0.0	1.0	0.15	53.8	-65.8	20.8	69.1	162	0.0	1.0	0.15	53.8	-65.8	20.8	69.1
163	160	171	0.0	1.0	0.166	53.8	-65.5	19.4	68.3	163	0.0	1.0	0.167	53.8	-65.5	19.4	68.3
164	161	172	0.0	1.0	0.183	53.8	-65.0	18.1	67.5	164	0.0	1.0	0.183	53.8	-65.0	18.1	67.5
165	162	173	0.0	1.0	0.2	53.8	-64.6	16.7	66.7	165	0.0	1.0	0.2	53.8	-64.6	16.7	66.7
166	163	174	0.0	1.0	0.216	53.7	-64.1	15.4	66.0	166	0.0	1.0	0.217	53.7	-64.1	15.4	66.0
167	164	175	0.0	1.0	0.233	53.7	-63.6	14.1	65.2	167	0.0	1.0	0.233	53.7	-63.6	14.1	65.2
168	165	175	0.0	1.0	0.25	53.7	-63.1	12.8	64.4	168	0.0	1.0	0.25	53.7	-63.1	12.8	64.4

4-0031130-L0

SI190-70

LAB* λ_0 , YN=0%, XYZnw=3.9, 4.1, 4.1, 84.7, 89.6, 93.9, LAB* n_w =23.9, 0.0, 0.0, 95.8, 0.0, 0.0

uscita: Laser printer output; separation cmyn6*, D65, pagina 12/33

grafico TUB-SI19; 1080 colori standard
cerchio delle tinte a 48 passi; $rgb-LabCh^*_{tavole}$, 3D=0, de=0

immettere: $rgb/cmyk \rightarrow rgb_d$
uscire: $cmyk$ trasferire a $cmyk_d$

4-0031130-F0

TUB iscrizione: 20130201-SI19/SI19L0NP.PDF /PS
la domanda per la misura di uscita della stampante laser, separazione cmyn6 (CMYK)

TUB materiale: code=rha4ta

Data of Maximum color M in colorimetric system Laser printer output; separation cmyn6*, D65 for input or output; Six hue angles of the 60 degree standard colours $RYGBM_6$: $h_{ab,ds} = 30.0, 90.0, 150.0, 210.0, 270.0, 330.0$;
Six hue angles of the device colours $RYGBM_d$: $h_{ab,d} = 33.5, 100.6, 155.5, 235.2, 290.8, 348.9$; Six hue angles of the elementary colours $RYGBM_e$: $h_{ab,e} = 25.5, 92.3, 162.2, 217.0, 271.7, 328.6$

$h_{ab,d}$	$h_{ab,s}$	$h_{ab,e}$	rgb^*_{dd361M}	$LAB^*_{dd361Mi} (x=LabCh)$	$rgb^*_{ds361Mi}$	$LAB^*_{ds361Mi} (x=LabCh)$	$rgb^*_{dd361Mi}$	$LAB^*_{de361Mi}$	$rgb^*_{dex361Mi} (x=LabCh)$	$rgb^*_{dd361Mi}$	rgb^*_{dd}	rgb^*_{ds}	rgb^*_{de}
168	165	175	0.0	1.0	0.25	53.7	-63.1	12.8	64.4	168	0.0	1.0	0.25
170	166	176	0.0	1.0	0.266	53.9	-62.4	10.9	63.4	170	0.0	1.0	0.267
171	167	177	0.0	1.0	0.283	54.0	-61.7	9.1	62.4	171	0.0	1.0	0.283
173	168	178	0.0	1.0	0.3	54.1	-60.9	7.3	61.3	173	0.0	1.0	0.3
174	169	179	0.0	1.0	0.316	54.3	-60.1	5.6	60.3	174	0.0	1.0	0.317
176	170	180	0.0	1.0	0.333	54.4	-59.2	3.9	59.3	176	0.0	1.0	0.333
177	171	181	0.0	1.0	0.35	54.5	-58.2	2.3	58.3	177	0.0	1.0	0.35
179	172	182	0.0	1.0	0.366	54.7	-57.3	0.8	57.3	179	0.0	1.0	0.367
180	173	183	0.0	1.0	0.383	54.7	-56.5	-0.6	56.5	180	0.0	1.0	0.383
181	174	184	0.0	1.0	0.4	54.8	-55.8	-1.8	55.9	181	0.0	1.0	0.4
183	175	185	0.0	1.0	0.416	54.8	-55.2	-3.1	55.2	183	0.0	1.0	0.417
184	176	185	0.0	1.0	0.433	54.8	-54.5	-4.3	54.6	184	0.0	1.0	0.433
185	177	186	0.0	1.0	0.45	54.9	-53.7	-5.5	54.0	185	0.0	1.0	0.45
187	178	187	0.0	1.0	0.466	54.9	-53.0	-6.6	53.4	187	0.0	1.0	0.467
188	179	188	0.0	1.0	0.483	55.0	-52.2	-7.8	52.8	188	0.0	1.0	0.483
189	180	189	0.0	1.0	0.5	55.0	-51.4	-8.9	52.2	189	0.0	1.0	0.5
191	181	190	0.0	1.0	0.516	55.0	-50.6	-10.5	51.7	191	0.0	1.0	0.517
193	182	191	0.0	1.0	0.533	55.1	-49.7	-12.1	51.2	193	0.0	1.0	0.533
195	183	192	0.0	1.0	0.55	55.1	-48.8	-13.7	50.7	195	0.0	1.0	0.55
197	184	193	0.0	1.0	0.566	55.2	-47.8	-15.2	50.2	197	0.0	1.0	0.567
199	185	194	0.0	1.0	0.583	55.2	-46.8	-16.6	49.7	199	0.0	1.0	0.583
201	186	195	0.0	1.0	0.6	55.2	-45.8	-18.0	49.2	201	0.0	1.0	0.6
203	187	195	0.0	1.0	0.616	55.3	-44.7	-19.4	48.7	203	0.0	1.0	0.617
205	188	196	0.0	1.0	0.633	55.3	-43.8	-20.5	48.4	205	0.0	1.0	0.633
206	189	197	0.0	1.0	0.65	55.3	-43.3	-21.5	48.3	206	0.0	1.0	0.65
207	190	198	0.0	1.0	0.666	55.3	-42.7	-22.5	48.3	207	0.0	1.0	0.667
209	191	199	0.0	1.0	0.683	55.2	-42.1	-23.4	48.2	209	0.0	1.0	0.683
210	192	200	0.0	1.0	0.7	55.2	-41.5	-24.4	48.1	210	0.0	1.0	0.7
211	193	201	0.0	1.0	0.716	55.2	-40.8	-25.3	48.0	211	0.0	1.0	0.717
213	194	202	0.0	1.0	0.733	55.2	-40.2	-26.2	48.0	213	0.0	1.0	0.733
214	195	203	0.0	1.0	0.75	55.2	-39.5	-27.1	47.9	214	0.0	1.0	0.75
215	196	204	0.0	1.0	0.766	55.1	-39.2	-27.9	48.1	215	0.0	1.0	0.767
216	197	205	0.0	1.0	0.783	55.0	-38.8	-28.7	48.3	216	0.0	1.0	0.783
217	198	206	0.0	1.0	0.8	54.9	-38.5	-29.5	48.5	217	0.0	1.0	0.8
218	199	206	0.0	1.0	0.816	54.8	-38.1	-30.3	48.7	218	0.0	1.0	0.817
219	200	207	0.0	1.0	0.833	54.7	-37.7	-31.1	48.9	219	0.0	1.0	0.833
220	201	208	0.0	1.0	0.85	54.6	-37.3	-31.9	49.1	220	0.0	1.0	0.85
221	202	209	0.0	1.0	0.866	54.5	-36.9	-32.6	49.3	221	0.0	1.0	0.867
222	203	210	0.0	1.0	0.883	54.3	-36.4	-33.7	49.6	222	0.0	1.0	0.883
224	204	211	0.0	1.0	0.9	54.2	-35.6	-35.1	50.0	224	0.0	1.0	0.9
226	205	212	0.0	1.0	0.916	54.0	-34.8	-36.5	50.4	226	0.0	1.0	0.917
228	206	213	0.0	1.0	0.933	53.8	-33.9	-37.8	50.8	228	0.0	1.0	0.933
229	207	214	0.0	1.0	0.95	53.6	-33.0	-39.2	51.2	229	0.0	1.0	0.95
231	208	215	0.0	1.0	0.966	53.4	-32.0	-40.5	51.7	231	0.0	1.0	0.967
233	209	216	0.0	1.0	0.983	53.3	-31.0	-41.8	52.1	233	0.0	1.0	0.983
235	210	216	0.0	1.0	1.0	53.1	-30.0	-43.1	52.5	235	0.0	1.0	1.0

4-0031230-L0 SI190-70 LAB*la0, YN=0%, XYZnw=3.9, 4.1, 4.1, 84.7, 89.6, 93.9, LAB*nw=23.9, 0.0, 0.0, 95.8, 0.0, 0.0

grafico TUB-SI19; 1080 colori standard
cerchio delle tinte a 48 passi; $rgb-LabCh$ *tavole, 3D=0, de=0

immettere: $rgb/cmyk \rightarrow rgb_d$
uscire: $cmyk$ trasferire a $cmyk_d$

uscita: Laser printer output; separation cmyn6*, D65, pagina 13/33

TUB iscrizione: 20130201-SI19/SI19L0NP.PDF /PS
la domanda per la misura di uscita della stampante laser, separazione cmyn6 (CMYK)

TUB materiale: code=rha4ta

Data of Maximum color M in colorimetric system Laser printer output; separation cmyn6*, D65 for input or output; Six hue angles of the 60 degree standard colours $RYGBM_6$: $h_{ab,ds} = 30.0, 90.0, 150.0, 210.0, 270.0, 330.0$;
Six hue angles of the device colours $RYGCBM_d$: $h_{ab,d} = 33.5, 100.6, 155.5, 235.2, 290.8, 348.9$; 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: $h_{ab,d} = 33.5, 100.6, 155.5, 235.2, 290.8, 348.9$; Six hue angles of the elementary colours RYGBCM: $h_{ab,e} = 25.5, 92.3, 162.2, 217.0, 271.7, 328.6$																																					
$h_{ab,d}$	$h_{ab,s}$	$h_{ab,e}$	rgb^*_{dd361M}	$LAB^*_{ddx361Mi}(x=LabCh)$	C_d	$rgb^*_{ds361Mi}$	$LAB^*_{dsx361Mi}(x=LabCh)$	$rgb^*_{dd361Mi}$	$LAB^*_{dex361Mi}(x=LabCh)$	$rgb^*_{dd361Mi}$	$LAB^*_{dex361Mi}(x=LabCh)$	$rgb^*_{dd361Mi}$	rgb^*_{dd}	rgb^*_{ds}	rgb^*_{de}																						
235	210	216	0.0	1.0	1.0	53.1	-30.0	-43.1	52.5	235	0.0	1.0	0.694	55.3	-41.6	-24.0	48.2	210	C_s	0.0	1.0	0.983	1.0	0.0	1.0	0.792	55.0	-38.6	-29.0	48.4	216	C_e	0.0	1.0	1.0		
235	211	217	0.0	0.983	1.0	53.1	-29.7	-43.3	52.5	235	0.0	1.0	0.707	55.3	-41.2	-24.7	48.1	211	0.0	0.983	1.0	0.0	1.0	0.807	54.9	-38.3	-29.8	48.6	217	0.0	0.983	1.0					
235	212	218	0.0	0.966	1.0	53.1	-29.4	-43.5	52.5	235	0.0	1.0	0.719	55.3	-40.7	-25.4	48.1	212	0.0	0.967	1.0	0.0	1.0	0.822	54.8	-37.9	-30.5	48.8	218	0.0	0.967	1.0					
236	213	219	0.0	0.95	1.0	53.1	-29.2	-43.7	52.6	236	0.0	1.0	0.732	55.3	-40.2	-26.1	48.0	213	0.0	0.95	1.0	0.0	1.0	0.837	54.7	-37.6	-31.2	49.0	219	0.0	0.95	1.0					
236	214	220	0.0	0.933	1.0	53.1	-28.9	-43.9	52.6	236	0.0	1.0	0.744	55.2	-39.7	-26.7	48.0	214	0.0	0.933	1.0	0.0	1.0	0.853	54.6	-37.2	-31.9	49.2	220	0.0	0.933	1.0					
237	215	221	0.0	0.916	1.0	53.1	-28.6	-44.2	52.6	237	0.0	1.0	0.759	55.2	-39.3	-27.5	48.1	215	0.0	0.917	1.0	0.0	1.0	0.868	54.5	-36.9	-32.6	49.4	221	0.0	0.917	1.0					
237	216	222	0.0	0.9	1.0	53.1	-28.3	-44.4	52.7	237	0.0	1.0	0.775	55.1	-38.9	-28.3	48.3	216	0.0	0.9	1.0	0.0	1.0	0.88	54.4	-36.5	-33.4	49.6	222	0.0	0.9	1.0					
237	217	223	0.0	0.883	1.0	53.1	-28.1	-44.6	52.7	237	0.0	1.0	0.792	55.0	-38.6	-29.1	48.5	217	0.0	0.883	1.0	0.0	1.0	0.888	54.3	-36.1	-34.1	49.8	223	0.0	0.883	1.0					
238	218	224	0.0	0.866	1.0	53.0	-27.8	-44.9	52.8	238	0.0	1.0	0.809	54.9	-38.2	-29.9	48.7	218	0.0	0.867	1.0	0.0	1.0	0.897	54.2	-35.7	-34.8	50.0	224	0.0	0.867	1.0					
238	219	225	0.0	0.85	1.0	53.0	-27.5	-45.3	53.0	238	0.0	1.0	0.825	54.8	-37.9	-30.6	48.9	219	0.0	0.85	1.0	0.0	1.0	0.906	54.1	-35.3	-35.5	50.2	225	0.0	0.85	1.0					
239	220	226	0.0	0.833	1.0	53.0	-27.3	-45.6	53.2	239	0.0	1.0	0.842	54.7	-37.5	-31.4	49.1	220	0.0	0.833	1.0	0.0	1.0	0.914	54.1	-34.9	-36.2	50.4	226	0.0	0.833	1.0					
239	221	227	0.0	0.816	1.0	53.0	-27.0	-46.0	53.4	239	0.0	1.0	0.859	54.6	-37.1	-32.2	49.3	221	0.0	0.817	1.0	0.0	1.0	0.923	54.0	-34.4	-36.9	50.6	227	0.0	0.817	1.0					
240	222	227	0.0	0.8	1.0	52.9	-26.7	-46.4	53.6	240	0.0	1.0	0.875	54.5	-36.7	-33.0	49.5	222	0.0	0.8	1.0	0.0	1.0	0.932	53.9	-34.0	-37.6	50.8	227	0.0	0.8	1.0					
240	223	228	0.0	0.783	1.0	52.9	-26.5	-46.8	53.8	240	0.0	1.0	0.885	54.4	-36.2	-33.8	49.7	223	0.0	0.783	1.0	0.0	1.0	0.94	53.8	-33.5	-38.3	51.1	228	0.0	0.783	1.0					
240	224	229	0.0	0.766	1.0	52.9	-26.2	-47.2	53.9	240	0.0	1.0	0.894	54.3	-35.8	-34.6	49.9	224	0.0	0.767	1.0	0.0	1.0	0.949	53.7	-33.0	-39.0	51.3	229	0.0	0.767	1.0					
241	225	230	0.0	0.75	1.0	52.9	-25.9	-47.5	54.1	241	0.0	1.0	0.904	54.2	-35.4	-35.4	50.2	225	0.0	0.75	1.0	0.0	1.0	0.957	53.6	-32.5	-39.7	51.5	230	0.0	0.75	1.0					
242	226	231	0.0	0.733	1.0	52.6	-25.2	-47.8	54.1	242	0.0	1.0	0.913	54.1	-34.9	-36.2	50.4	226	0.0	0.733	1.0	0.0	1.0	0.966	53.5	-32.0	-40.4	51.7	231	0.0	0.733	1.0					
242	227	232	0.0	0.716	1.0	52.2	-24.5	-48.1	54.0	242	0.0	1.0	0.923	54.0	-34.4	-36.9	50.6	227	0.0	0.717	1.0	0.0	1.0	0.975	53.4	-31.5	-41.1	51.9	232	0.0	0.717	1.0					
243	228	233	0.0	0.7	1.0	51.9	-23.9	-48.4	54.0	243	0.0	1.0	0.932	53.9	-33.9	-37.7	50.9	228	0.0	0.7	1.0	0.0	1.0	0.983	53.3	-31.0	-41.7	52.1	233	0.0	0.7	1.0					
244	229	234	0.0	0.683	1.0	51.6	-23.2	-48.6	53.9	244	0.0	1.0	0.942	53.8	-33.4	-38.5	51.1	229	0.0	0.683	1.0	0.0	1.0	0.992	53.2	-30.4	-42.4	52.3	234	0.0	0.683	1.0					
245	230	235	0.0	0.666	1.0	51.3	-22.5	-48.9	53.8	245	0.0	1.0	0.951	53.7	-32.9	-39.2	51.3	230	0.0	0.667	1.0	0.0	1.0	0.997	1.0	53.1	-29.9	-43.1	52.5	235	0.0	0.667	1.0				
246	231	236	0.0	0.65	1.0	51.0	-21.8	-49.1	53.8	246	0.0	1.0	0.961	53.6	-32.3	-40.0	51.6	231	0.0	0.65	1.0	0.0	1.0	0.956	1.0	53.1	-29.2	-43.6	52.6	236	0.0	0.65	1.0				
246	232	237	0.0	0.633	1.0	50.7	-21.1	-49.4	53.7	246	0.0	1.0	0.97	53.5	-31.8	-40.7	51.8	232	0.0	0.633	1.0	0.0	1.0	0.916	1.0	53.1	-28.6	-44.1	52.7	237	0.0	0.633	1.0				
247	233	237	0.0	0.616	1.0	50.2	-20.2	-49.5	53.5	247	0.0	1.0	0.98	53.4	-31.2	-41.5	52.0	233	0.0	0.617	1.0	0.0	1.0	0.876	1.0	53.1	-27.9	-44.6	52.8	237	0.0	0.617	1.0				
248	234	238	0.0	0.6	1.0	49.7	-19.2	-49.6	53.2	248	0.0	1.0	0.989	53.2	-30.6	-42.2	52.3	234	0.0	0.6	1.0	0.0	1.0	0.842	1.0	53.1	-27.4	-45.4	53.1	238	0.0	0.6	1.0				
249	235	239	0.0	0.583	1.0	49.1	-18.2	-49.6	52.8	249	0.0	1.0	0.999	53.1	-30.0	-42.9	52.5	235	0.0	0.583	1.0	0.0	1.0	0.809	1.0	53.0	-26.8	-46.2	53.5	239	0.0	0.583	1.0				
250	236	240	0.0	0.566	1.0	48.5	-17.2	-49.6	52.5	250	0.0	1.0	0.963	1.0	53.1	-29.3	-43.5	52.6	236	0.0	0.567	1.0	0.0	1.0	0.775	1.0	53.0	-26.3	-46.9	53.9	240	0.0	0.567	1.0			
251	237	241	0.0	0.55	1.0	47.9	-16.2	-49.5	52.2	251	0.0	1.0	0.918	1.0	53.1	-28.6	-44.1	52.7	237	0.0	0.55	1.0	0.0	1.0	0.745	1.0	52.8	-25.6	-47.6	54.2	241	0.0	0.55	1.0			
252	238	242	0.0	0.533	1.0	47.3	-15.2	-49.5	51.8	252	0.0	1.0	0.874	1.0	53.1	-27.9	-44.7	52.8	238	0.0	0.533	1.0	0.0	1.0	0.726	1.0	52.5	-24.9	-47.9	54.1	242	0.0	0.533	1.0			
253	239	243	0.0	0.516	1.0	46.7	-14.3	-49.4	51.5	253	0.0	1.0	0.838	1.0	53.0	-27.3	-45.5	53.2	239	0.0	0.517	1.0	0.0	1.0	0.706	1.0	52.1	-24.1	-48.2	54.0	243	0.0	0.517	1.0			
254	240	244	0.0	0.5	1.0	46.1	-13.3	-49.4	51.1	254	0.0	1.0	0.801	1.0	53.0	-26.7	-46.3	53.6	240	0.0	0.5	1.0	0.0	1.0	0.686	1.0	51.7	-23.3	-48.5	54.0	244	0.0	0.5	1.0			
255	241	245	0.0	0.483	1.0	45.5	-12.3	-49.4	50.9	255	0.0	1.0	0.764	1.0	52.9	-26.1	-47.2	54.0	241	0.0	0.483	1.0	0.0	1.0	0.667	1.0	51.4	-22.4	-48.8	53.9	245						

Data of Maximum color M in colorimetric system Laser printer output; 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 $RYGCBM_d$: $h_{ab,d} = 33.5, 100.6, 155.5, 235.2, 290.8, 348.9$; 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	LAB^* dex361Mi (x=LabCh)	rgb^* dd361Mi	rgb^* ds361Mi	rgb^* de361Mi	rgb^* ds361Mi
272	255	258	0.0 0.25 1.0	36.8 2.2 -48.5 48.6	272	0.0 0.499 1.0	46.1 -13.1 -49.3 51.2	255	0.0 0.25 1.0	0.0 0.435 1.0	44.2 -10.4 -49.4 50.6	258	0.0 0.25 1.0
273	256	258	0.0 0.233 1.0	36.6 3.2 -48.3 48.4	273	0.0 0.482 1.0	45.5 -12.2 -49.4 51.0	256	0.0 0.233 1.0	0.0 0.42 1.0	43.1 -8.7 -49.3 50.2	259	0.0 0.233 1.0
274	257	259	0.0 0.216 1.0	36.4 4.1 -48.0 48.2	274	0.0 0.466 1.0	44.9 -11.3 -49.4 50.8	257	0.0 0.217 1.0	0.0 0.405 1.0	42.6 -7.9 -49.3 50.0	260	0.0 0.2 1.0
276	258	260	0.0 0.2 1.0	36.1 5.1 -47.8 48.1	276	0.0 0.45 1.0	44.3 -10.4 -49.4 50.6	258	0.0 0.2 1.0	0.0 0.39 1.0	42.0 -7.1 -49.3 49.9	261	0.0 0.183 1.0
277	259	261	0.0 0.183 1.0	35.9 6.1 -47.5 47.9	277	0.0 0.434 1.0	43.7 -9.5 -49.4 50.4	259	0.0 0.183 1.0	0.0 0.376 1.0	41.4 -6.3 -49.2 49.7	262	0.0 0.167 1.0
278	260	262	0.0 0.166 1.0	35.6 7.0 -47.2 47.7	278	0.0 0.418 1.0	43.0 -8.6 -49.3 50.2	260	0.0 0.167 1.0	0.0 0.364 1.0	41.0 -5.5 -49.2 49.6	263	0.0 0.15 1.0
279	261	263	0.0 0.15 1.0	35.4 8.0 -46.9 47.5	279	0.0 0.402 1.0	42.4 -7.7 -49.3 50.0	261	0.0 0.15 1.0	0.0 0.353 1.0	40.6 -4.7 -49.2 49.5	264	0.0 0.133 1.0
280	262	264	0.0 0.133 1.0	35.2 8.9 -46.5 47.4	280	0.0 0.386 1.0	41.8 -6.8 -49.2 49.8	262	0.0 0.133 1.0	0.0 0.341 1.0	40.2 -3.9 -49.1 49.4	265	0.0 0.117 1.0
282	263	265	0.0 0.116 1.0	34.9 9.9 -46.3 47.3	282	0.0 0.371 1.0	41.3 -6.0 -49.2 49.7	263	0.0 0.117 1.0	0.0 0.33 1.0	39.8 -3.1 -49.1 49.3	266	0.0 0.1 1.0
283	264	266	0.0 0.1 1.0	34.5 10.9 -46.1 47.4	283	0.0 0.358 1.0	40.8 -5.1 -49.2 49.5	264	0.0 0.1 1.0	0.0 0.318 1.0	39.4 -2.3 -49.0 49.2	267	0.0 0.083 1.0
284	265	267	0.0 0.083 1.0	34.2 11.9 -45.9 47.4	284	0.0 0.346 1.0	40.4 -4.2 -49.2 49.4	265	0.0 0.083 1.0	0.0 0.307 1.0	39.0 -1.5 -49.0 49.1	268	0.0 0.067 1.0
285	266	268	0.0 0.066 1.0	33.9 12.9 -45.7 47.5	285	0.0 0.333 1.0	39.9 -3.3 -49.1 49.3	266	0.0 0.067 1.0	0.0 0.296 1.0	38.5 -0.8 -48.9 49.0	269	0.0 0.05 1.0
287	267	269	0.0 0.049 1.0	33.5 13.9 -45.4 47.5	287	0.0 0.321 1.0	39.5 -2.5 -49.1 49.2	267	0.0 0.05 1.0	0.0 0.284 1.0	38.1 0.0 -48.8 48.9	269	0.0 0.033 1.0
288	268	269	0.0 0.033 1.0	33.2 14.9 -45.2 47.6	288	0.0 0.308 1.0	39.0 -1.6 -49.0 49.1	268	0.0 0.033 1.0	0.0 0.273 1.0	37.7 0.7 -48.7 48.8	270	0.0 0.017 1.0
289	269	270	0.0 0.016 1.0	32.9 15.9 -44.9 47.6	289	0.0 0.296 1.0	38.5 -0.8 -48.9 49.0	269	0.0 0.017 1.0	0.0 0.261 1.0	37.3 1.5 -48.6 48.7	271	0.0 0.0 1.0
290	270	271	0.0 0.0 1.0	32.5 16.9 -44.6 47.7	290	B_d 0.0 0.283 1.0	38.1 0.0 -48.8 48.9	270	B_s 0.0 0.0 1.0	0.0 0.249 1.0	36.9 2.3 -48.5 48.6	272	0.017 0.0 1.0
291	271	272	0.016 0.0 1.0	32.4 17.8 -44.3 47.8	291	0.0 0.27 1.0	37.6 0.9 -48.7 48.8	271	0.017 0.0 1.0	0.0 0.236 1.0	36.7 3.1 -48.3 48.5	273	0.033 0.0 1.0
293	272	273	0.033 0.0 1.0	32.3 18.7 -44.0 47.9	293	0.0 0.258 1.0	37.2 1.7 -48.6 48.7	272	0.033 0.0 1.0	0.0 0.222 1.0	36.5 3.9 -48.1 48.3	274	0.05 0.0 1.0
294	273	274	0.05 0.0 1.0	32.1 19.6 -43.7 47.9	294	0.0 0.245 1.0	36.8 2.5 -48.4 48.6	273	0.05 0.0 1.0	0.0 0.209 1.0	36.3 4.6 -47.9 48.2	275	0.067 0.0 1.0
295	274	275	0.066 0.0 1.0	32.0 20.5 -43.4 48.0	295	0.0 0.231 1.0	36.6 3.4 -48.2 48.4	274	0.067 0.0 1.0	0.0 0.196 1.0	36.1 5.4 -47.7 48.1	276	0.083 0.0 1.0
296	275	276	0.083 0.0 1.0	31.9 21.4 -43.1 48.1	296	0.0 0.217 1.0	36.4 4.2 -48.0 48.3	275	0.083 0.0 1.0	0.0 0.182 1.0	35.9 6.2 -47.4 47.9	277	0.1 0.0 1.0
297	276	277	0.1 0.0 1.0	31.8 22.3 -42.7 48.2	297	0.0 0.202 1.0	36.2 5.0 -47.8 48.1	276	0.1 0.0 1.0	0.0 0.169 1.0	35.7 7.0 -47.2 47.8	278	0.117 0.0 1.0
298	277	278	0.116 0.0 1.0	31.6 23.1 -42.4 48.3	298	0.0 0.188 1.0	36.0 5.8 -47.5 48.0	277	0.117 0.0 1.0	0.0 0.155 1.0	35.5 7.7 -46.9 47.6	279	0.133 0.0 1.0
299	278	279	0.133 0.0 1.0	31.5 24.1 -42.0 48.4	299	0.0 0.174 1.0	35.8 6.7 -47.3 47.8	278	0.133 0.0 1.0	0.0 0.142 1.0	35.3 8.5 -46.6 47.5	280	0.15 0.0 1.0
300	279	280	0.15 0.0 1.0	31.4 25.0 -41.7 48.6	300	0.0 0.16 1.0	35.6 7.5 -47.0 47.7	279	0.15 0.0 1.0	0.0 0.129 1.0	35.1 9.2 -46.4 47.4	281	0.167 0.0 1.0
302	280	281	0.166 0.0 1.0	31.4 25.9 -41.4 48.8	302	0.0 0.146 1.0	35.4 8.3 -46.7 47.5	280	0.167 0.0 1.0	0.0 0.116 1.0	34.9 10.0 -46.2 47.4	282	0.183 0.0 1.0
303	281	282	0.183 0.0 1.0	31.3 26.8 -41.0 49.0	303	0.0 0.132 1.0	35.2 9.0 -46.4 47.4	281	0.183 0.0 1.0	0.0 0.103 1.0	34.6 10.8 -46.1 47.4	283	0.2 0.0 1.0
304	282	283	0.2 0.0 1.0	31.2 27.8 -40.6 49.2	304	0.0 0.118 1.0	34.9 9.8 -46.2 47.4	282	0.2 0.0 1.0	0.0 0.09 1.0	34.4 11.5 -45.9 47.4	284	0.217 0.0 1.0
305	283	284	0.216 0.0 1.0	31.1 28.7 -40.2 49.4	305	0.0 0.104 1.0	34.7 10.7 -46.1 47.4	283	0.217 0.0 1.0	0.0 0.078 1.0	34.1 12.3 -45.8 47.5	285	0.233 0.0 1.0
306	284	285	0.233 0.0 1.0	31.1 29.6 -39.8 49.6	306	0.0 0.091 1.0	34.4 11.5 -45.9 47.4	284	0.233 0.0 1.0	0.0 0.065 1.0	33.9 13.1 -45.6 47.5	285	0.25 0.0 1.0
307	285	286	0.25 0.0 1.0	31.0 30.5 -39.3 49.8	307	0.0 0.078 1.0	34.1 12.3 -45.8 47.5	285	0.25 0.0 1.0	0.0 0.052 1.0	33.6 13.8 -45.4 47.6	286	0.267 0.0 1.0
309	286	286	0.266 0.0 1.0	31.4 31.6 -38.8 50.1	309	0.0 0.064 1.0	33.9 13.1 -45.6 47.5	286	0.267 0.0 1.0	0.0 0.04 1.0	33.4 14.6 -45.2 47.6	287	0.283 0.0 1.0
310	287	287	0.283 0.0 1.0	31.8 32.6 -38.3 50.3	310	0.0 0.051 1.0	33.6 13.9 -45.4 47.6	287	0.283 0.0 1.0	0.0 0.027 1.0	33.1 15.4 -45.0 47.6	288	0.3 0.0 1.0
311	288	288	0.3 0.0 1.0	32.3 33.6 -37.8 50.6	311	0.0 0.038 1.0	33.3 14.7 -45.2 47.6	288	0.3 0.0 1.0	0.0 0.014 1.0	32.9 16.1 -44.8 47.7	289	0.317 0.0 1.0
312	289	289	0.316 0.0 1.0	32.7 34.7 -37.2 50.9	312	0.0 0.024 1.0	33.1 15.5 -44.9 47.6	289	0.317 0.0 1.0	0.0 0.001 1.0	32.6 16.9 -44.5 47.7	290	0.333 0.0 1.0
314	290	290	0.333 0.0 1.0	33.1 35.7 -36.6 51.2	314	0.0 0.011 1.0	32.8 16.3 -44.7 47.7	290	0.333 0.0 1.0	0.012 0.0 1.0	32.5 17.6 -44.3 47.8	291	0.35 0.0 1.0
315	291	291	0.35 0.0 1.0	33.6 36.7 -36.0 51.4	315	0.003 0.0 1.0	32.5 17.1 -44.5 47.7	291	0.35 0.0 1.0	0.026 0.0 1.0	32.4 18.4 -44.1 47.9	292	0.367 0.0 1.0
316	292	292	0.366 0.0 1.0	34.0 37.7 -35.3 51.7	316	0.018 0.0 1.0	32.4 17.9 -44.2 47.8	292	0.367 0.0 1.0	0.041 0.0 1.0	32.3 19.1 -43.9 47.9	293	0.383 0.0 1.0
317	293	293	0.383 0.0 1.0	34.4 38.5 -34.7 51.9	317	0.033 0.0 1.0	32.3 18.7 -44.0 47.9	293	0.383 0.0 1.0	0.055 0.0 1.0	32.1 19.9 -43.6 48.0	294	0.4 0.0 1.0
318	294	294	0.4 0.0 1.0	34.8 39.2 -34.2 52.1	318	0.047 0.0 1.0	32.2 19.5 -43.7 48.0	294	0.4 0.0 1.0	0.069 0.0 1.0	32.0 20.7 -43.3 48.1	295	0.417 0.0 1.0
319	295	295	0.416 0.0 1.0	35.2 39.9 -33.7 52.2	319	0.062 0.0 1.0	32.1 20.3 -43.5 48.1	295	0.417 0.0 1.0	0.083 0.0 1.0	31.9 21.4 -43.1 48.2	296	0.433 0.0 1.0
320	296	296	0.433 0.0 1.0	35.6 40.5 -33.1 52.4	320	0.077 0.0 1.0	32.0 21.1 -43.2 48.1	296	0.433 0.0 1.0	0.097 0.0 1.0	31.8 22.2 -42.8 48.2	297	0.45 0.0 1.0
321	297	297	0.45 0.0 1.0	36.0 41.2 -32.6 52.5	321	0.092 0.0 1.0	31.9 21.9 -42.9 48.2	297	0.45 0.0 1.0	0.111 0.0 1.0	31.7 22.9 -42.5 48.3	298	0.467 0.0 1.0
322	298	298	0.466 0.0 1.0	36.4 41.8 -32.0 52.7	322	0.107 0.0 1.0	31.7 22.7 -42.5 48.3	298	0.467 0.0 1.0	0.125 0.0 1.0	31.6 23.6 -42.1 48.4	299	0.483 0.0 1.0
323	299	299	0.483 0.0 1.0	36.8 42.5 -31.4 52.9	323	0.122 0.0 1.0	31.6 23.5 -42.2 48.4	299	0.483 0.0 1.0	0.139 0.0 1.0	31.5 24.4 -41.9 48.6	300	0.5 0.0 1.0
324	300	300	0.5 0.0 1.0	37.2 43.1 -30.8 53.0	324	0.136 0.0 1.0	31.6 24.3 -41.9 48.5	300	0.5 0.0 1.0				

4-0031430-L0 SI190-70 LAB*a0, YN=0%, XYZnw=3.9, 4.1, 4.1, 84.7, 89.6, 93.9, LAB*nw=23.9, 0.0, 0.0, 95.8, 0.0, 0.0

uscita: Laser printer output; separation cmyn6*, D65, pagina 15/33

grafico TUB-SI19; 1080 colori standard
cerchio delle tinte a 48 passi; $rgb-LabCh$ *tavole, 3D=0, de=0, $cmyn$ *trasferire a $cmyn$
immettere: $rgb/cmyk \rightarrow rgb_d$

4-0031430-F0

TUB iscrizione: 20130201-SI19/SI19L0NP.PDF /PS
la domanda per la misura di uscita della stampante laser, separazionecmyn6 (CMYK)

TUB materiale: code=rha4ta

Data of Maximum color M in colorimetric system Laser printer output; separation cm_{yn}^* , D65 for input or output; Six hue angles of the 60 degree standard colours $RYGBM_s$: $h_{ab,s} = 30.0, 90.0, 150.0, 210.0, 270.0, 330.0$; Six hue angles of the device colours $RYGBM_d$: $h_{ab,d} = 33.5, 100.6, 155.5, 235.2, 290.8, 348.9$; Six hue angles of the elementary colours $RYGBM_e$: $h_{ab,e} = 25.5, 92.3, 162.2, 217.0, 271.7, 328.6$

LAB*										LAB*										LAB*										LAB*												
h _{ab} ,d			h _{ab} ,s			rgb* _d 361M				LAB* _d 361M(x=LabCh)				rgb* _s 361Mi			LAB* _s 361Mi(x=LabCh)				rgb* _d 361Mi			rgb* _s 361Mi			LAB* _s 361Mi(x=LabCh)				rgb* _d 361Mi			rgb* _s 361Mi			rgb* _d 361Mi			rgb* _s 361Mi		
354	345	342	1.0	0.0	0.75	49.3	64.5	-6.5	64.8	354	0.902	0.0	1.0	46.2	61.3	-16.3	63.5	345	1.0	0.0	0.75	0.848	0.0	1.0	44.9	59.1	-18.2	61.9	342	1.0	0.0	0.75										
355	346	343	1.0	0.0	0.733	49.1	64.2	-5.3	64.4	355	0.926	0.0	1.0	46.7	62.4	-15.5	64.3	346	1.0	0.0	0.733	0.871	0.0	1.0	45.6	60.0	-17.4	62.5	343	1.0	0.0	0.733										
356	347	344	1.0	0.0	0.716	48.9	63.9	-4.1	64.0	356	0.951	0.0	1.0	47.2	63.4	-14.5	65.1	347	1.0	0.0	0.717	0.895	0.0	1.0	46.1	61.0	-16.6	63.2	344	1.0	0.0	0.717										
357	348	345	1.0	0.0	0.7	48.7	63.5	-2.9	63.6	357	0.976	0.0	1.0	47.7	64.5	-13.6	65.9	348	1.0	0.0	0.7	0.918	0.0	1.0	46.5	62.0	-15.7	64.0	345	1.0	0.0	0.7										
358	349	346	1.0	0.0	0.683	48.6	63.2	-1.8	63.2	358	1.0	0.0	0.996	48.2	65.4	-12.6	66.7	349	1.0	0.0	0.683	0.942	0.0	1.0	47.0	63.0	-14.9	64.8	346	1.0	0.0	0.683										
359	350	347	1.0	0.0	0.666	48.4	62.8	-0.6	62.8	359	1.0	0.0	0.927	49.0	65.9	-11.5	66.9	350	1.0	0.0	0.667	0.966	0.0	1.0	47.5	64.0	-14.0	65.5	347	1.0	0.0	0.667										
360	351	348	1.0	0.0	0.65	48.2	62.4	0.4	62.4	360	1.0	0.0	0.866	49.5	66.1	-10.4	66.9	351	1.0	0.0	0.65	0.989	0.0	1.0	48.0	65.0	-13.1	66.3	348	1.0	0.0	0.65										
361	352	349	1.0	0.0	0.633	48.0	62.0	1.5	62.0	361	1.0	0.0	0.83	49.5	65.6	-9.1	66.3	352	1.0	0.0	0.633	1.0	0.0	0.964	48.6	65.6	-12.1	66.8	349	1.0	0.0	0.633										
362	353	350	1.0	0.0	0.616	47.9	61.6	2.7	61.7	362	1.0	0.0	0.794	49.4	65.2	-7.9	65.6	353	1.0	0.0	0.617	1.0	0.0	0.899	49.3	66.0	-11.1	67.0	350	1.0	0.0	0.617										
363	354	351	1.0	0.0	0.6	47.9	61.3	3.8	61.4	363	1.0	0.0	0.757	49.3	64.7	-6.7	65.0	354	1.0	0.0	0.6	1.0	0.0	0.853	49.5	65.9	-9.9	66.7	351	1.0	0.0	0.6										
364	355	352	1.0	0.0	0.583	47.9	60.9	4.9	61.1	364	1.0	0.0	0.737	49.2	64.3	-5.5	64.6	355	1.0	0.0	0.583	1.0	0.0	0.819	49.4	65.5	-8.7	66.1	352	1.0	0.0	0.583										
365	356	353	1.0	0.0	0.566	47.9	60.6	6.0	60.9	365	1.0	0.0	0.721	49.0	64.0	-4.4	64.2	356	1.0	0.0	0.567	1.0	0.0	0.785	49.4	65.0	-7.6	65.5	353	1.0	0.0	0.567										
366	357	354	1.0	0.0	0.55																																					

TUB iscrizione: 20130201-SI19/SI19L0NP.PDF /.PS
la domanda per la misura di uscita della stampante la

TUB materiale: code=rh4ta
zionecmyn6 (CMYK)

uscita: Laser printer output; separation cmy6*, D65, pagina 17/36

grafico TUB-SI19; 1080 colori standard
cerchio delle tinte a 48 passi; *rgb-LabC*

immettere: $rgb/cmyk \rightarrow rgb_d$
 o, scartare e trasferire a $cmyk_d$



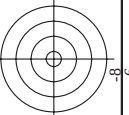
TUB materiale: code=rha4ta

vedere dei file simili: <http://130.149.60.45/~farbmetrik/SI19/SI19.HTM>
informazioni tecniche: <http://www.ps.bam.de> o <http://130.149.60.45/~farbmetrik>

immettere: *rgb/cmyk* -> *rgb*_d
uscita: trasferire a *cmyk*_d

grafico TUB-SI19; 1080 colori standard
colori e la differenza, ΔE^* , 3D=0, de=0, cmyk

[illegible]



TUB materiale: code=rha4ta

-vedere dei file simili: <http://130.149.60.45/~farbmetrik/SI19/SI19.HTM>

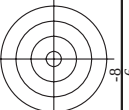
grafico TUB-S119; 1080 colori standard
colori e la differenza, ΔE^* , 3D=0, de=0, cmyk

immettere: *rgb/cmyk* → *rgba*
uscita: trasferire a *cmyka*

SI 190-F/N, 19/33-F

4-0031830-F0

[illegible]



TUB materiale: code=rha4ta

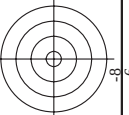
immettere: *rgb/cmyk* → *rgba*
uscita: trasferire a *cmyka*

[illegible]
$$\text{delta } E^* = 10.8$$

SI190-7N 20/23-E

4-0031930-F0

vedere dei file simil: <http://130.149.60.45/~farbmetrik/SI19/SI19.HTM>
informazioni tecniche: <http://www.ps.bam.de> o <http://130.149.60.45/~farbmetrik>

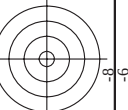


TUB materiale: code=rha4ta

vedere dei file simil: <http://130.149.60.45/~farbmetrik/SI19/SI19.HTM>
informazioni tecniche: <http://www.ps.bam.de> o <http://130.149.60.45/~farbmetrik>

immettere: *rgb/cmyk* → *rgbd*
uscita: trasferire a *cmykd*

	HC ⁺ Fed	rgb ⁺ Fed	ic ⁺ Fed	ha ⁺ Fed	rgb ⁺ Fed	LabCh ⁺ Fed	LabCh ⁺ Fed	rgb ⁺ Fed	DE ⁺ Fed	ha ⁺ Lab	rgb ⁺ Fed	LabCh ⁺ Fed	rgb ⁺ Fed	LabCh ⁺ Fed										
1	R00Y_012_012d	0.125 0.0	0.125 0.125 0.062	390	0.125 0.0	26.8 7.1	4.7	8.5	33.4	0.125 0.0	24.7 7.7	8.0	11.3	45.9	3.9	389	1.0	0.0	0.0	47.5	57.2	37.8	68.6	33.4
2	B00Y_012_012d	0.125 0.0	0.125 0.062	330	0.125 0.0	26.8 8.1	-1.5	8.3	34.9	0.125 0.0	24.7 7.7	-6.3	13.8	33.7	3.2	330	1.0	0.0	0.0	48.1	65.4	-12.7	68.6	34.9
3	B25R_025_025d	0.125 0.0	0.125 0.062	300	0.125 0.0	27.1 10.7	10.7	13.2	32.4	0.125 0.0	25.7 14.3	-17.5	22.2	307.9	10.3	300	0.5	0.0	0.0	37.2	43.1	-30.8	53.0	32.4
4	B15R_037_037d	0.125 0.0	0.125 0.062	280	0.118 0.0	27.1 13.0	-13.9	19.1	32.4	0.125 0.0	25.7 14.3	-17.5	22.2	307.9	10.3	288	0.316	0.0	0.0	32.7	34.7	-37.2	50.9	312.9
5	B15R_050_050d	0.125 0.0	0.125 0.062	284	0.114 0.0	27.1 14.8	-15.6	19.8	306.6	0.125 0.0	25.7 14.3	-32.8	39.2	303.2	14.6	282	0.233	0.0	0.0	31.1	29.6	-38.9	49.6	306.6
6	B09R_062_062d	0.125 0.0	0.125 0.062	281	0.116 0.0	27.1 16.8	-25.6	30.6	303.2	0.125 0.0	25.7 14.3	-36.3	44.2	304.7	13.6	279	0.183	0.0	0.0	31.3	26.8	-41.0	49.0	303.2
7	B07R_075_075d	0.125 0.0	0.125 0.062	278	0.112 0.0	27.1 18.7	-30.9	35.5	309.9	0.125 0.0	25.7 14.3	-41.3	48.7	302.5	11.0	278	0.15	0.0	0.0	31.4	25.0	-41.7	48.6	300.9
8	B06R_087_087d	0.125 0.0	0.125 0.062	279	0.116 0.0	27.1 20.6	-36.8	42.4	299.8	0.125 0.0	25.7 14.3	-45.8	54.7	301.9	6.5	277	0.133	0.0	0.0	31.5	24.1	-42.0	48.4	299.8
9	B05R_100_100d	0.125 0.0	0.125 0.062	277	0.116 0.0	27.1 23.1	-42.4	48.3	298.6	0.125 0.0	25.7 14.3	-50.6	62.4	299.2	0.4	276	0.116	0.0	0.0	31.6	23.1	-42.4	48.3	298.6
10	Y00G_012_012d	0.125 0.0	0.125 0.062	300	0.125 0.0	32.3 -1.9	10.7	10.5	306.6	0.125 0.0	32.3 -1.9	10.7	10.5	298.6	0.4	89	1.0	0.0	0.0	31.6	23.1	-42.4	48.3	298.6
11	NW_012d	0.125 0.0	0.125 0.062	360	0.125 0.0	32.3 -1.9	10.7	10.5	306.6	0.125 0.0	32.3 -1.9	10.7	10.5	298.6	0.4	89	1.0	0.0	0.0	31.6	23.1	-42.4	48.3	298.6
12	G00B_025_012d	0.125 0.0	0.125 0.062	300	0.125 0.0	32.3 -1.9	10.7	10.5	306.6	0.125 0.0	32.3 -1.9	10.7	10.5	298.6	0.4	89	1.0	0.0	0.0	31.6	23.1	-42.4	48.3	298.6
13	G00R_037_025d	0.125 0.0	0.125 0.062	270	0.124 0.0	32.3 2.1	5.5	5.9	290.8	0.125 0.0	32.3 2.1	5.5	5.9	276.9	13.6	270	0.0	0.0	0.0	32.5	16.9	-44.6	47.7	290.8
14	B00R_037_025d	0.125 0.0	0.125 0.062	270	0.124 0.0	32.3 2.1	-11.1	11.9	290.8	0.125 0.0	32.3 2.1	-17.8	17.9	276.9	13.6	270	0.0	0.0	0.0	32.5	16.9	-44.6	47.7	290.8
15	B00R_050_037d	0.125 0.0	0.125 0.062	270	0.124 0.0	32.3 2.1	-16.7	17.8	290.8	0.125 0.0	32.3 2.1	-25.6	25.9	279.1	15.1	270	0.0	0.0	0.0	32.5	16.9			

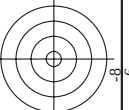


TUB materiale: code=rha4ta

immettere: *rgb/cmyk* → *rgbd*
uscita: trasferire a *cmykd*

vedere dei file simili: <http://130.149.60.45/~farbmetrik/SI19/SI19.HTM>
informazioni tecniche: <http://www.ps.bam.de> o <http://130.149.60.45/~farbmetrik>

n	H1C*Fd	rgb*Fd	ic*Fd	hs*Fd	rgb*Fd	LabCH*Fd	LabCH*Fd	rgb*Fd	LabCH*Fd	DE*Fd	hs*Fd	rgb*Nd	LabCH*Nd
405	R00Y.062.062A	0.625 0.0 0.0	0.625 0.625 0.312	390	0.625 0.0 0.0	38.6 35.7	23.6	42.8	33.4 40.2	5.6 389	1.0 0.0	3.1 40.1	47.5 57.2
406	R00Y.062.062A	0.625 0.0 0.125	0.625 0.625 0.312	379	0.625 0.0 0.114	38.7 35.1	23.6	42.8	36.3 40.1	28.9 380	1.0 0.0	1.183 47.5	56.2 31.1
407	R00Y.062.062A	0.625 0.0 0.25	0.625 0.625 0.312	367	0.625 0.0 0.239	38.5 35.6	11.8 37.5	18.3 37.5	36.9 41.6	16.8 367	1.0 0.0	0.383 47.4	57.0 18.9
408	R00Y.062.062A	0.625 0.0 0.375	0.625 0.625 0.312	353	0.625 0.0 0.385	38.9 38.5	1.6 38.5	2.5 38.5	45.2 40.9	6.3 352	1.0 0.0	0.016 47.9	61.6 2.7
409	R00Y.062.062A	0.625 0.0 0.5	0.625 0.625 0.312	341	0.625 0.0 0.51	39.8 40.9	-5.4 41.2	352.3 40.9	37.2 49.8	350.7 339	1.0 0.0	0.016 47.9	65.4 -8.7
410	R00Y.062.062A	0.625 0.0 0.625	0.625 0.625 0.312	330	0.625 0.0 0.625	39.0 40.8	-13.6 46.3	342.9 40.8	37.2 49.8	330.7 339	1.0 0.0	0.016 47.9	65.4 -12.7
411	R00Y.062.062A	0.625 0.0 0.75	0.625 0.625 0.312	321	0.637 0.0 0.875	39.6 44.3	-19.5 51.3	337.6 44.3	39.3 49.4	322 339	1.0 0.0	0.016 47.9	59.1 -18.2
412	R00Y.062.062A	0.625 0.0 0.875	0.625 0.625 0.312	314	0.641 0.0 0.875	39.3 47.5	-26.9 55.8	331.1 47.5	39.3 49.4	322 339	1.0 0.0	0.016 47.9	59.1 -18.2
413	R00Y.062.062A	0.625 0.0 1.0	0.625 0.625 0.312	308	0.653 0.0 1.0	39.2 48.9	-36.9 55.8	331.1 48.9	39.3 49.4	322 339	1.0 0.0	0.016 47.9	59.1 -18.2
414	R00Y.062.062A	0.625 0.125 0.0	0.625 0.625 0.312	41	0.625 0.114 0.0	43.2 30.3	32.7 44.6	47.1 32.7	40.3 48.4	33.4 389	1.0 0.0	0.016 47.9	59.1 -18.2
415	R00Y.062.062A	0.625 0.125 0.125	0.625 0.625 0.312	390	0.625 0.125 0.125	44.7 28.6	18.9 34.3	33.4 28.6	40.3 48.4	33.4 389	1.0 0.0	0.016 47.9	59.1 -18.2
416	R00Y.062.062A	0.625 0.125 0.25	0.625 0.625 0.312	376	0.625 0.125 0.25	44.7 28.6	18.9 34.3	33.4 28.6	40.3 48.4	33.4 389	1.0 0.0	0.016 47.9	59.1 -18.2
417	R00Y.062.062A	0.625 0.125 0.375	0.625 0.625 0.312	360	0.625 0.125 0.375	44.6 29.4	31.3 32.5	353.7 31.3	40.3 48.4	33.4 389	1.0 0.0	0.016 47.9	59.1 -18.2
418	R00Y.062.062A	0.625 0.125 0.5	0.625 0.625 0.312	344	0.625 0.125 0.5	45.0 32.7	33.3 34.3	348.9 32.7	40.3 48.4	33.4 389	1.0 0.0	0.016 47.9	59.1 -18.2
419	R00Y.062.062A	0.625 0.125 0.625	0.625 0.625 0.312	339	0.625 0.125 0.625	45.0 32.7	33.3 34.3	348.9 32.7	40.3 48.4	33.4 389	1.0 0.0	0.016 47.9	59.1 -18.2
420	R00Y.062.062A	0.625 0.125 0.75	0.625 0.625 0.312	331	0.625 0.125 0.75	45.3 36.1	-12.0 38.1	341.5 36.1	40.3 48.4	33.4 389	1.0 0.0	0.016 47.9	59.1 -18.2
421	R00Y.062.062A	0.625 0.125 0.875	0.625 0.625 0.312	319	0.637 0.125 0.875	45.5 40.8	-18.9 47.9	328.5 40.8	40.3 48.4	33.4 389	1.0 0.0	0.016 47.9	59.1 -18.2
422	R00Y.062.062A	0.625 0.125 1.0	0.625 0.625 0.312	305	0.635 0.125 1.0	45.6 40.8	-24.9 47.9	328.5 40.8	40.3 48.4	33.4 389	1.0 0.0	0.016 47.9	59.1 -18.2
423	R00Y.062.062A	0.625 0.25 0.0	0.625 0.625 0.312	53	0.625 0.241 0.0	49.5 18.2	38.0 42.1	64.4 18.2	40.3 48.4	33.4 389	1.0 0.0	0.016 47.9	59.1 -18.2
424	R00Y.062.062A	0.625 0.25 0.125	0.625 0.625 0.312	44	0.625 0.241 0.125	49.6 21.7	38.0 42.1	64.4 18.2	40.3 48.4	33.4 389	1.0 0.0	0.016 47.9	59.1 -18.2
425	R00Y.062.062A	0.625 0.25 0.25	0.625 0.625 0.312	390	0.625 0.25 0.25	50.7 21.4	38.0 42.1	64.4 18.2	40.3 48.4	33.4 389	1.0 0.0	0.016 47.9	59.1 -18.2
426	R00Y.062.062A	0.625 0.25 0.375	0.625 0.625 0.312	371	0.625 0.25 0.375	50.7 21.4	38.0 42.1	64.4 18.2	40.3 48.4	33.4 389	1.0 0.0	0.016 47.9	59.1 -18.2
427	R00Y.062.062A	0.625 0.25 0.5	0.625 0.625 0.312	349	0.625 0.25 0.5	51.1 23.7	38.0 42.1	64.4 18.2	40.3 48.4	33.4 389	1.0 0.0	0.016 47.9	59.1 -18.2
428	R00Y.062.062A	0.625 0.25 0.625	0.625 0.625 0.312	340	0.625 0.25 0.625	50.9 24.5	38.0 42.1	64.4 18.2	40.3 48.4	33.4 389	1.0 0.0	0.016 47.9	59.1 -18.2
429	R00Y.062.062A	0.625 0.25 0.75	0.625 0.625 0.312	316	0.635 0.25 0.75	51.3 26.2	38.0 42.1	64.4 18.2	40.3 48.4	33.4 389	1.0 0.0	0.016 47.9	59.1 -18.2
430	R00Y.062.062A	0.625 0.25 0.875	0.625 0.625 0.312	307	0.635 0.25 0.875	51.3 26.2	38.0 42.1	64.4 18.2	40.3 48.4	33.4 389	1.0 0.0	0.016 47.9	59.1 -18.2
431	R00Y.062.062A	0.625 0.25 1.0	0.625 0.625 0.312	300	0.635 0.25 1.0	51.3 26.2	38.0 42.1	64.4 18.2	40.3 48.4	33.4 389	1.0 0.0	0.016 47.9	59.1 -18.2
432	R00Y.062.062A	0.625 0.375 0.0	0.625 0.625 0.312	67	0.625 0.385 0.0	55.5 7.5	44.0 44.6	80.3 7.5	44.0 44.6	80.3 7.5	1.0 0.0	0.016 47.9	59.1 -18.2
433	R00Y.062.062A	0.625 0.375 0.125	0.625 0.625 0.312	69	0.625 0.385 0.125	55.5 7.5	44.0 44.6	80.3 7.5	44.0 44.6	80.3 7.5	1.0 0.0	0.016 47.9	59.1 -18.2
434	R00Y.062.062A	0.625 0.375 0.25	0.625 0.625 0.312	390	0.625 0.385 0.25	56.0 13.3	21.4 25.5	58.6 13.3	44.0 44.6	80.3 7.5	1.0 0.0	0.016 47.9	59.1 -18.2
435	R00Y.062.062A	0.625 0.375 0.375	0.625 0.625 0.312	380	0.625 0.385 0.375	56.7 14.3	21.4 25.5	58.6 13.3	44.0 44.6	80.3 7.5	1.0 0.0	0.016 47.9	59.1 -18.2
436	R00Y.062.062A	0.625 0.375 0.5	0.625 0.625 0.312	360	0.625 0.385 0.5	56.8 14.7	21.4 25.5	58.6 13.3	44.0 44.6	80.3 7.5	1.0 0.0	0.016 47.9	59.1 -18.2
437	R00Y.062.062A	0.625 0.375 0.625	0.625 0.625 0.312	330	0.625 0.385 0.625	56.9 16.3	21.4 25.5	58.6 13.3	44.0 44.6	80.3 7.5	1.0 0.0	0.016 47.9	59.1 -18.2
438	R00Y.062.062A	0.625 0.375 0.75	0.625 0.625 0.312	311	0.631 0.375 0.75	57.0 19.3	21.4 25.5	58.6 13.3	44.0 44.6	80.3 7.5	1.0 0.0	0.016 47.9	59.1 -18.2
439	R00Y.062.062A	0.625 0.375 0.875	0.625 0.625 0.312	293	0.631 0.375 0.875	57.4 24.1	21.4 25.5	58.6 13.3	44.0 44.6	80.3 7.5	1.0 0.0	0.016 47.9	59.1 -18.2
440	R00Y.062.062A	0.625 0.375 1.0	0.625 0.625 0.312	279	0.631 0.375 1.0	57.4 24.1	21.4 25.5	58.6 13.3	44.0 44.6	80.3 7.5	1.0 0.0	0.016 47.9	59.1 -18.2
441	R00Y.062.062A	0.625 0.5 0.0	0.625 0.625 0.312	71	0.625 0.51 0.0	62.3 3.6	47.9 47.9	94.3 3.6	47.9 47.9	94.3 3.6	1.0 0.0	0.016 47.9	59.1 -18.2
442	R00Y.062.062A	0.625 0.5 0.125	0.625 0.625 0.312	76	0.625 0.508 0.125	62.7 1.0	38.4 38.4	92.2 1.0	38.4 38.4	92.2 1.0	1.0 0.0	0.016 47.9	59.1 -18.2
443	R00Y.062.062A	0.625 0.5 0.25	0.625 0.625 0.312	390	0.625 0.508 0.25	62.4 2.0	38.4 38.4	92.2 1.0	38.4 38.4	92.2 1.0	1.0 0.0	0.016 47.9	59.1 -18.2
444	R00Y.062.062A	0.625 0.5 0.375	0.625 0.625 0.312	380	0.625 0.5 0.375	62.5 4.8	16.5 17.2	73.8 4.8	38.4 38.4	92.2 1.0	1.0 0.0	0.016 47.9	59.1 -18.2
445	R00Y.062.062A	0.625 0.5 0.5	0.625 0.625 0.312	360	0.625 0.5 0.5	62.8 7.1	47.5 48.5	63.7 7.1	47.5 48.5	63.7 7.1	1.0 0.0	0.016 47.9	59.1 -18.2
446	R00Y.062.062A	0.625 0.5 0.625	0.625 0.625 0.312	330	0.625 0.5 0.625	63.1 8.1	47.5 48.5	63.7 7.1	47.5 48.5	63.7 7.1	1.0 0.0	0.016 47.9	59.1 -18.2
447	R00Y.062.062A	0.625 0.5 0.75	0.625 0.625 0.312	300	0.625 0.5 0.75	63.4 13.0	47.5 48.5	63.7 7.1	47.5 48.5	63.7 7.1	1.0 0.0	0.016 47.9	59.1 -18.2
448	R00Y.062.062A	0.625 0.5 0.875	0.625 0.625 0.312	284	0.618 0.5 0.875	63.1 14.8	47.5 48.5	63.7 7.1	47.5 48.5	63.7 7.1	1.0 0.0	0.016 47.9	59.1 -18.2
449	R00Y.062.062A	0.625 0.5 1.0	0.625 0.625 0.312	270	0.618 0.5 1.0	63.4 14.8	47.5 48.5	63.7 7.1	47.5 48.5	63.7 7.1	1.0 0.0	0.016 47.9	59.1 -18.2
450	R00Y.062.062A	0.625 0.625 0.0	0.625 0.625 0.312	90	0.625 0.625 0.0	66.1 9.9	52.9 53.8	100.5 9.9	52.9 53.8	100.5 9.9	1.0 0.0	0.016 47.9	59.1 -18.2
451	R00Y.062.062A	0.625 0.625 0.125	0.625 0.625 0.312	90	0.625 0.625 0.125	66.7 9.9	52.9 53.8	100.5 9.9	52.9 53.8	100.5 9.9	1.0 0.0	0.016 47.9	59.1 -18.2
452	R00Y.062.062A	0.625 0.625 0.25	0.625 0.625 0.312	90	0.625 0.625 0.25	67.2 9.9	52.9 53.8	100.5 9.9	52.9 53.8	100.5 9.9	1.0 0.0	0.016 47.9	59.1 -18.2
453	R00Y.062.062A	0.625 0.625 0											

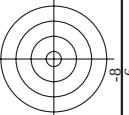


TUB materiale: code=rha4ta

immettere: *rgb/cmyk* → *rgbd*
uscita: trasferire a *cmykd*

vedere dei file simili: <http://130.149.60.45/~farbmetrik/SI19/SI19.HTM>
informazioni tecniche: <http://www.ps.bam.de> o <http://130.149.60.45/~farbmetrik>

[illegible]



TUB materiale: code=rha4ta

vedere dei file simil: <http://130.149.60.45/~farbmetrik/SI19/SI19.HTM>
informazioni tecniche: <http://www.ps.bam.de> o <http://130.149.60.45/~farbmetrik>

inimmettere: *rgb/cmyk* -> *rgb*
uscita: trasferire a *cmyk*

grafico TUB-SI19: 1080 colori standard

[illegible]

SI190-7N 28/33-F

1-0032730-F0

n	H1C*Fd	rgb_Fd	ic_Fd	hs_Fd	rgb_Fd	LabCH*Fd	rgb_Fd	LabCH*Fd	DF*Fd	hs_Fd	rgb_Fd	LabCH*Fd
729	NW_100d	0.875	1.0	1.0	0.875	1.0	1.0	95.8	0.0	0.0	0.0	95.8
730	G50B_100.012d	0.875	1.0	1.0	0.875	1.0	1.0	95.8	0.0	0.0	0.0	95.8
731	G50B_100.025d	0.875	1.0	1.0	0.875	1.0	1.0	95.8	0.0	0.0	0.0	95.8
732	G50B_100.037d	0.875	1.0	1.0	0.875	1.0	1.0	95.8	0.0	0.0	0.0	95.8
733	G50B_100.050d	0.875	1.0	1.0	0.875	1.0	1.0	95.8	0.0	0.0	0.0	95.8
734	G50B_100.062d	0.875	1.0	1.0	0.875	1.0	1.0	95.8	0.0	0.0	0.0	95.8
735	G50B_100.075d	0.875	1.0	1.0	0.875	1.0	1.0	95.8	0.0	0.0	0.0	95.8
736	G50B_100.087d	0.875	1.0	1.0	0.875	1.0	1.0	95.8	0.0	0.0	0.0	95.8
737	G50B_100.100d	0.875	1.0	1.0	0.875	1.0	1.0	95.8	0.0	0.0	0.0	95.8
738	ROY_100.012d	0.875	1.0	1.0	0.875	1.0	1.0	95.8	0.0	0.0	0.0	95.8
739	NW_087d	0.875	1.0	1.0	0.875	1.0	1.0	95.8	0.0	0.0	0.0	95.8
740	G50B_087.012d	0.875	1.0	1.0	0.875	1.0	1.0	95.8	0.0	0.0	0.0	95.8
741	G50B_087.025d	0.875	1.0	1.0	0.875	1.0	1.0	95.8	0.0	0.0	0.0	95.8
742	G50B_087.037d	0.875	1.0	1.0	0.875	1.0	1.0	95.8	0.0	0.0	0.0	95.8
743	G50B_087.050d	0.875	1.0	1.0	0.875	1.0	1.0	95.8	0.0	0.0	0.0	95.8
744	G50B_087.062d	0.875	1.0	1.0	0.875	1.0	1.0	95.8	0.0	0.0	0.0	95.8
745	G50B_087.075d	0.875	1.0	1.0	0.875	1.0	1.0	95.8	0.0	0.0	0.0	95.8
746	G50B_087.087d	0.875	1.0	1.0	0.875	1.0	1.0	95.8	0.0	0.0	0.0	95.8
747	ROY_100.025d	0.875	1.0	1.0	0.875	1.0	1.0	95.8	0.0	0.0	0.0	95.8
748	ROY_100.037d	0.875	1.0	1.0	0.875	1.0	1.0	95.8	0.0	0.0	0.0	95.8
749	NW_075d	0.875	1.0	1.0	0.875	1.0	1.0	95.8	0.0	0.0	0.0	95.8
750	G50B_075.012d	0.875	1.0	1.0	0.875	1.0	1.0	95.8	0.0	0.0	0.0	95.8
751	G50B_075.025d	0.875	1.0	1.0	0.875	1.0	1.0	95.8	0.0	0.0	0.0	95.8
752	G50B_075.037d	0.875	1.0	1.0	0.875	1.0	1.0	95.8	0.0	0.0	0.0	95.8
753	G50B_075.050d	0.875	1.0	1.0	0.875	1.0	1.0	95.8	0.0	0.0	0.0	95.8
754	G50B_075.062d	0.875	1.0	1.0	0.875	1.0	1.0	95.8	0.0	0.0	0.0	95.8
755	G50B_075.075d	0.875	1.0	1.0	0.875	1.0	1.0	95.8	0.0	0.0	0.0	95.8
756	ROY_100.025d	0.875	1.0	1.0	0.875	1.0	1.0	95.8	0.0	0.0	0.0	95.8
757	ROY_100.037d	0.875	1.0	1.0	0.875	1.0	1.0	95.8	0.0	0.0	0.0	95.8
758	ROY_075.012d	0.875	1.0	1.0	0.875	1.0	1.0	95.8	0.0	0.0	0.0	95.8
759	NW_062d	0.875	1.0	1.0	0.875	1.0	1.0	95.8	0.0	0.0	0.0	95.8
760	G50B_062.012d	0.875	1.0	1.0	0.875	1.0	1.0	95.8	0.0	0.0	0.0	95.8
761	G50B_062.025d	0.875	1.0	1.0	0.875	1.0	1.0	95.8	0.0	0.0	0.0	95.8
762	G50B_062.037d	0.875	1.0	1.0	0.875	1.0	1.0	95.8	0.0	0.0	0.0	95.8
763	G50B_062.050d	0.875	1.0	1.0	0.875	1.0	1.0	95.8	0.0	0.0	0.0	95.8
764	G50B_062.062d	0.875	1.0	1.0	0.875	1.0	1.0	95.8	0.0	0.0	0.0	95.8
765	ROY_100.050d	0.875	1.0	1.0	0.875	1.0	1.0	95.8	0.0	0.0	0.0	95.8
766	ROY_087.037d	0.875	1.0	1.0	0.875	1.0	1.0	95.8	0.0	0.0	0.0	95.8
767	ROY_075.025d	0.875	1.0	1.0	0.875	1.0	1.0	95.8	0.0	0.0	0.0	95.8
768	ROY_062.012d	0.875	1.0	1.0	0.875	1.0	1.0	95.8	0.0	0.0	0.0	95.8
769	NW_050d	0.875	1.0	1.0	0.875	1.0	1.0	95.8	0.0	0.0	0.0	95.8
770	G50B_050.012d	0.875	1.0	1.0	0.875	1.0	1.0	95.8	0.0	0.0	0.0	95.8
771	G50B_050.025d	0.875	1.0	1.0	0.875	1.0	1.0	95.8	0.0	0.0	0.0	95.8
772	G50B_050.037d	0.875	1.0	1.0	0.875	1.0	1.0	95.8	0.0	0.0	0.0	95.8
773	G50B_050.050d	0.875	1.0	1.0	0.875	1.0	1.0	95.8	0.0	0.0	0.0	95.8
774	ROY_100.062d	0.875	1.0	1.0	0.875	1.0	1.0	95.8	0.0	0.0	0.0	95.8
775	ROY_087.050d	0.875	1.0	1.0	0.875	1.0	1.0	95.8	0.0	0.0	0.0	95.8
776	ROY_075.037d	0.875	1.0	1.0	0.875	1.0	1.0	95.8	0.0	0.0	0.0	95.8
777	ROY_062.025d	0.875	1.0	1.0	0.875	1.0	1.0	95.8	0.0	0.0	0.0	95.8
778	NW_037d	0.875	1.0	1.0	0.875	1.0	1.0	95.8	0.0	0.0	0.0	95.8
779	G50B_037.012d	0.875	1.0	1.0	0.875	1.0	1.0	95.8	0.0	0.0	0.0	95.8
780	G50B_037.025d	0.875	1.0	1.0	0.875	1.0	1.0	95.8	0.0	0.0	0.0	95.8
781	G50B_037.037d	0.875	1.0	1.0	0.875	1.0	1.0	95.8	0.0	0.0	0.0	95.8
782	ROY_100.075d	0.875	1.0	1.0	0.875	1.0	1.0	95.8	0.0	0.0	0.0	95.8
783	ROY_087.062d	0.875	1.0	1.0	0.875	1.0	1.0	95.8	0.0	0.0	0.0	95.8
784	ROY_075.050d	0.875	1.0	1.0	0.875	1.0	1.0	95.8	0.0	0.0	0.0	95.8
785	ROY_062.037d	0.875	1.0	1.0	0.875	1.0	1.0	95.8	0.0	0.0	0.0	95.8
786	ROY_050.012d	0.875	1.0	1.0	0.875	1.0	1.0	95.8	0.0	0.0	0.0	95.8
787	ROY_037.025d	0.875	1.0	1.0	0.875	1.0	1.0	95.8	0.0	0.0	0.0	95.8
788	ROY_037.012d	0.875	1.0	1.0	0.875	1.0	1.0	95.8	0.0	0.0	0.0	95.8
789	NW_025d	0.875	1.0	1.0	0.875	1.0	1.0	95.8	0.0	0.0	0.0	95.8
790	G50B_025.012d	0.875	1.0	1.0	0.875	1.0	1.0	95.8	0.0	0.0	0.0	95.8
791	G50B_025.025d	0.875	1.0	1.0	0.875	1.0	1.0	95.8	0.0	0.0	0.0	95.8
792	ROY_100.087d	0.875	1.0	1.0	0.875	1.0	1.0	95.8	0.0	0.0	0.0	95.8
793	ROY_087.075d	0.875	1.0	1.0	0.875	1.0	1.0	95.8	0.0	0.0	0.0	95.8
794	ROY_075.062d	0.875	1.0	1.0	0.875	1.0	1.0	95.8	0.0	0.0	0.0	95.8
795	ROY_062.050d	0.875	1.0	1.0	0.875	1.0	1.0	95.8	0.0	0.0	0.0	95.8
796	ROY_050.037d	0.875	1.0	1.0	0.875	1.0	1.0	95.8	0.0	0.0	0.0	95.8
797	ROY_037.025d	0.875	1.0	1.0	0.875	1.0	1.0	95.8	0.0	0.0	0.0	95.8
798	NW_012d	0.875	1.0	1.0	0.875	1.0	1.0	95.8	0.0	0.0	0.0	95.8
799	G50B_012.012d	0.875	1.0	1.0	0.875	1.0	1.0	95.8	0.0	0.0	0.0	95.8
800	G50B_012.025d	0.875	1.0	1.0	0.875	1.0	1.0	95.8	0.0	0.0	0.0	95.8
801	ROY_100.100d	0.875	1.0	1.0	0.875	1.0	1.0	95.8	0.0	0.0	0.0	95.8
802	ROY_087.087d	0.875	1.0	1.0	0.875	1.0	1.0	95.8	0.0	0.0	0.0	95.8
803	ROY_075.075d	0.875	1.0	1.0	0.875	1.0	1.0	95.8	0.0	0.0	0.0	95.8
804	ROY_062.062d	0.875	1.0	1.0	0.875	1.0	1.0	95.8	0.0	0.0	0.0	95.8
805	ROY_050.050d	0.875	1.0	1.0	0.875	1.0	1.0	95.8	0.0	0.0	0.0	95.8
806	ROY_037.037d	0.875	1.0	1.0	0.875	1.0	1.0	95.8	0.0	0.0	0.0	95.8
807	ROY_025.025d	0.875	1.0	1.0	0.875	1.0	1.0	95.8	0.0	0.0	0.0	95.8
808	ROY_012.012d	0.875	1.0	1.0	0.875	1.0	1.0	95.8	0.0	0.0	0.0	95.8
809	NW_000d	0.875	1.0	1.0	0.875	1.0	1.0	95.8	0.0	0.0	0.0	95.8

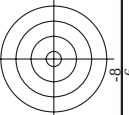
SI190-7N, 20/33-F

grafico TUB-SI19; 1080 colori standard
colori e la differenza, ΔE^* , 3D=0, de=0, cmyk

immettere: *rgb/cmyk* -> *rgba*
uscita: trasferire a *cmykq*

delta E* = 7.8

4-0032830-F0



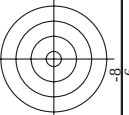
TUB materiale: code=rha4ta

vedere dei file simil: <http://130.149.60.45/~farbmetrik/SI19/SI19.HTM>
informazioni tecniche: <http://www.ps.bam.de> o <http://130.149.60.45/~farbmetrik>

grafico TUB-S119; 1080 colori standard
colori e la differenza, ΔE^* , 3D=0, de=0, *cm*yk
uscita: trasferire a *cm*yk
immettere: *rgb*/*cm*yk -> *rg*bd

immettere: *rgb/cmyk* → *rgb*_d
 uscita: trasferire a *cmyk*_d

n	HIC* τ_{td}	rgb^{td}	Icd^{td}	$\text{hs}_\text{L}^{\text{td}}$	rgb^{td}	LubCH^{td}	$\text{DE}^{**}\tau_{\text{td}}$	$\text{hs}_{\text{sd}}^{\text{td}}$	$\text{rgb}^{**}\tau_{\text{td}}$	$\text{LubCH}^{**}\tau_{\text{td}}$	$\text{rgb}^{**}\tau_{\text{td}}$	$\text{LubCH}^{**}\tau_{\text{td}}$	$\text{DE}^{**}\tau_{\text{td}}$	$\text{hs}_{\text{sd}}^{\text{td}}$	$\text{rgb}^{**}\tau_{\text{td}}$	$\text{LubCH}^{**}\tau_{\text{td}}$	$\text{DE}^{**}\tau_{\text{td}}$	$\text{hs}_{\text{sd}}^{\text{td}}$	$\text{rgb}^{**}\tau_{\text{td}}$	$\text{LubCH}^{**}\tau_{\text{td}}$	
810	NW_100q	1.0	1.0	1.0	0.875	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
811	B00R_100_012d	0.875	0.875	1.0	0.875	1.0	0.879	2.1	-5.5	5.9	290.8	0.0	188.0	0.3	360	1.0	1.0	1.0	1.0	95.8	0.0
812	B00R_100_025d	0.625	0.625	1.0	0.875	1.0	80.0	4.2	-11.1	17.9	290.8	0.0	273.8	2.9	270	0.0	0.0	0.0	0.0	32.5	16.9
813	B00R_100_037d	0.625	0.625	1.0	0.875	1.0	72.1	6.3	-16.7	11.8	290.8	0.0	278.9	5.2	270	0.0	0.0	0.0	0.0	32.5	16.9
814	B00R_100_050d	0.5	0.5	1.0	0.875	1.0	64.2	8.4	-22.3	23.8	290.8	0.0	286.5	14.3	270	0.0	0.0	0.0	0.0	32.5	16.9
815	B00R_100_062d	0.375	0.375	1.0	0.875	1.0	56.2	10.5	-27.8	29.8	290.8	0.0	304.0	24.0	270	0.0	0.0	0.0	0.0	32.5	16.9
816	B00R_100_075d	0.25	0.25	1.0	0.875	1.0	48.3	12.7	-33.4	35.7	290.8	0.0	327.9	34.4	270	0.0	0.0	0.0	0.0	32.5	16.9
817	B00R_100_087d	0.125	0.125	1.0	0.875	1.0	40.4	14.8	-39.0	41.7	290.8	0.0	345.1	45.2	270	0.0	0.0	0.0	0.0	32.5	16.9
818	B00R_100_100d	0.0	0.0	1.0	0.875	1.0	32.5	16.9	-44.6	47.7	290.8	0.0	360.0	50.0	270	0.0	0.0	0.0	0.0	32.5	16.9
819	Y00G_100_012d	1.0	1.0	0.875	1.0	0.875	95.3	-1.9	10.7	100.5	1.0	0.0	111.9	2.2	360	1.0	1.0	1.0	1.0	91.5	-15.8
820	NW_087d	0.875	0.875	0.875	0.875	0.875	86.8	0.0	0.0	0.0	0.0	0.0	124.5	4.3	360	1.0	1.0	1.0	1.0	95.8	0.0
821	B00R_087_012d	0.75	0.75	0.875	0.875	0.875	78.9	2.1	-5.5	5.9	290.8	0.0	117.7	27.8	6.2	270	0.0	0.0	0.0	32.5	16.9
822	B00R_087_025d	0.625	0.625	0.875	0.875	0.875	71.0	4.2	-11.1	17.9	290.8	0.0	208.1	38.7	9.3	270	0.0	0.0	0.0	32.5	16.9
823	B00R_087_037d	0.5	0.5	0.875	0.875	0.875	63.1	6.3	-16.7	11.8	290.8	0.0	285.6	13.9	270	0.0	0.0	0.0	0.0	32.5	16.9
824	B00R_087_050d	0.375	0.375	0.875	0.875	0.875	55.2	8.4	-22.3	23.8	290.8	0.0	308.9	26.7	270	0.0	0.0	0.0	0.0	32.5	16.9
825	B00R_087_062d	0.25	0.25	0.875	0.875	0.875	47.2	10.5	-27.8	29.8	290.8	0.0	329.2	16.1	270	0.0	0.0	0.0	0.0	32.5	16.9
826	B00R_087_075d	0.125	0.125	0.875	0.875	0.875	39.3	12.7	-33.4	35.7	290.8	0.0	348.1	11.5	270	0.0	0.0	0.0	0.0	32.5	16.9
827	B00R_087_087d	0.0	0.0	0.875	0.875	0.875	31.4	14.8	-39.0	41.7	290.8	0.0	362.4	26.3	270	0.0	0.0	0.0	0.0	32.5	



TUB materiale: code=rha4ta

vedere dei file simil: <http://130.149.60.45/~farbmetrik/SI19/SI19.HTM>
informazioni tecniche: <http://www.ps.bam.de> o <http://130.149.60.45/~farbmetrik>

immettere: *rgb/cmyk* -> *rgb*_d
uscita: trasferire a *cmyk*_d

[illegible]



TUB materiale: code=rha4ta

vedere dei file simili: <http://130.149.60.45/~farbmetrik/SI19/SI19.HTM>
informazioni tecniche: <http://www.ps.bam.de> o <http://130.149.60.45/~farbmetrik>

grafico TUB-SI19; 1080 colori standard
colori e la differenza, ΔE^* , 3D=0, de=0, cmyk

P
 C
 C
 C

[illegible]

TUB iscrizione: 20130201-SI19/SI19L0NP.PDF /PS
la domanda per la misura di uscita della stampante laser, separazionecmyn6 (CMYK)

TUB materiale: code=rha4ta
la domanda per la misura di uscita della stampante laser, separazionecmyn6 (CMYK)

n	HIC*Fd	rgb_Fd	ic*_Fd	h*_Fd	rgb*_Fd	LabCh*_Fd	LabCh*_Fd	DF*_Fd	h*_d	rgb*_Md	LabCh*_Md
1053	NW_086q	0.866	0.866	0.866	0.866	0.866	0.866	0.866	0.866	0.866	0.866
1054	NW_093d	0.933	0.933	0.933	0.933	0.933	0.933	0.933	0.933	0.933	0.933
1055	NW_100d	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
1056	NW_000q	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1057	NW_006q	0.066	0.066	0.066	0.066	0.066	0.066	0.066	0.066	0.066	0.066
1058	NW_013q	0.133	0.133	0.133	0.133	0.133	0.133	0.133	0.133	0.133	0.133
1059	NW_020q	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
1060	NW_026q	0.266	0.266	0.266	0.266	0.266	0.266	0.266	0.266	0.266	0.266
1061	NW_033d	0.333	0.333	0.333	0.333	0.333	0.333	0.333	0.333	0.333	0.333
1062	NW_040d	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
1063	NW_046q	0.466	0.466	0.466	0.466	0.466	0.466	0.466	0.466	0.466	0.466
1064	NW_053d	0.533	0.533	0.533	0.533	0.533	0.533	0.533	0.533	0.533	0.533
1065	NW_060q	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
1066	NW_066q	0.666	0.666	0.666	0.666	0.666	0.666	0.666	0.666	0.666	0.666
1067	NW_073d	0.734	0.734	0.734	0.734	0.734	0.734	0.734	0.734	0.734	0.734
1068	NW_080q	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
1069	NW_086q	0.866	0.866	0.866	0.866	0.866	0.866	0.866	0.866	0.866	0.866
1070	NW_093d	0.933	0.933	0.933	0.933	0.933	0.933	0.933	0.933	0.933	0.933
1071	NW_100d	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
1072	NW_000q	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1073	ROY_100_100d	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
1074	G50B_100_100d	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1075	Y06C_100_100d	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1076	B00R_100_100d	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1077	B00R_100_100d	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1078	B50R_100_100d	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1079	B50R_100_100d	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

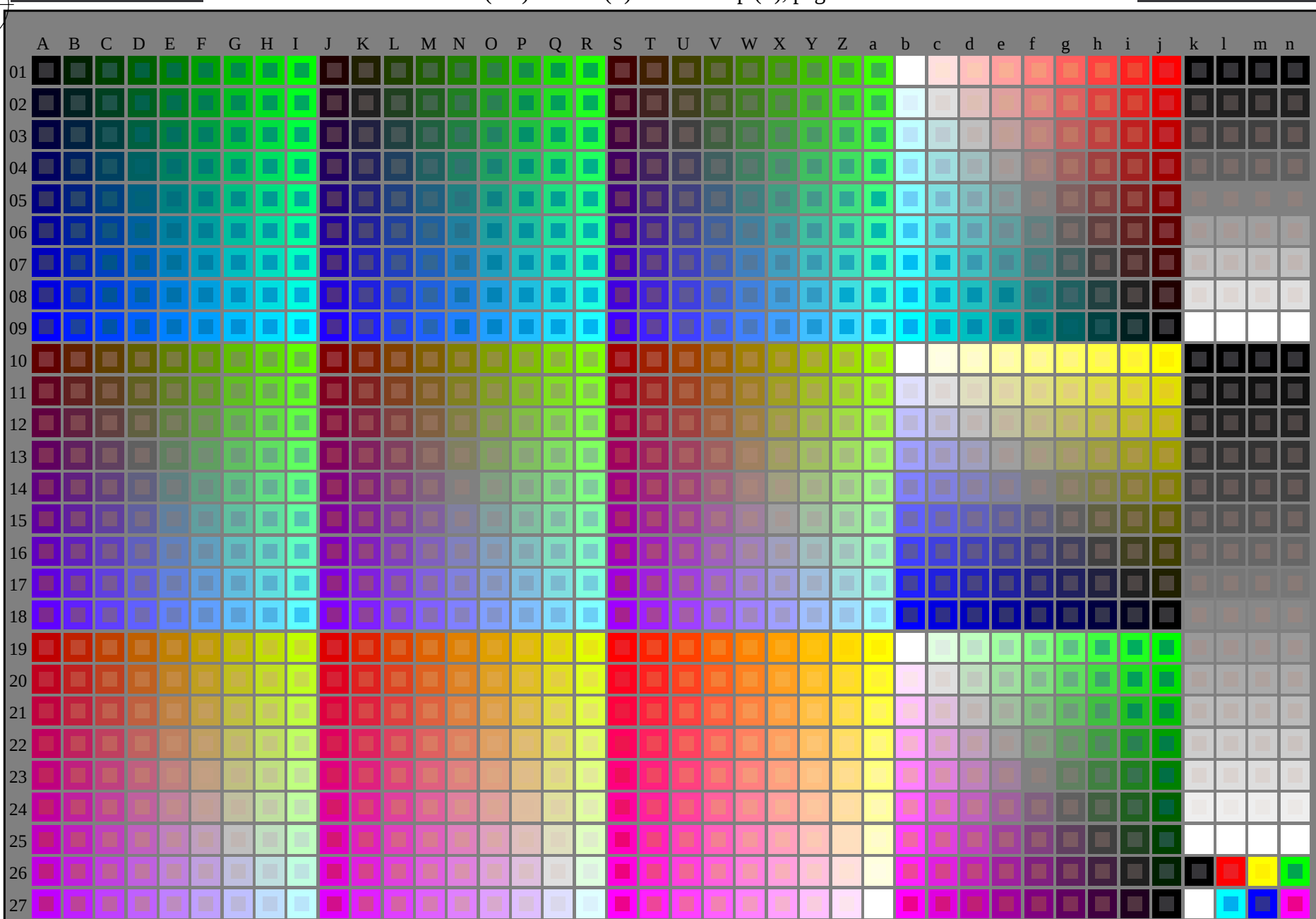
delta E* = 3.0

vedere dei file simili: <http://130.149.60.45/~farbmetrik/SI19/SI19.HTM>
informazioni tecniche: <http://www.ps.bam.de> o <http://130.149.60.45/~farbmetrik>

SI190-7N, 33/33-F

grafico TUB-SI19; 1080 colori standard
colori e la differenza, ΔE^* , 3D=0, de=0, cmyk

immettere: *rgb/cmyk* -> *rgba*
uscita: trasferire a *cmykd*



4-013030-L0

SI190-7N

rgb + cmy0 (A,j + k26_n27), 000n (k), w (l), nnn0 (m), www (n), 3D = 0

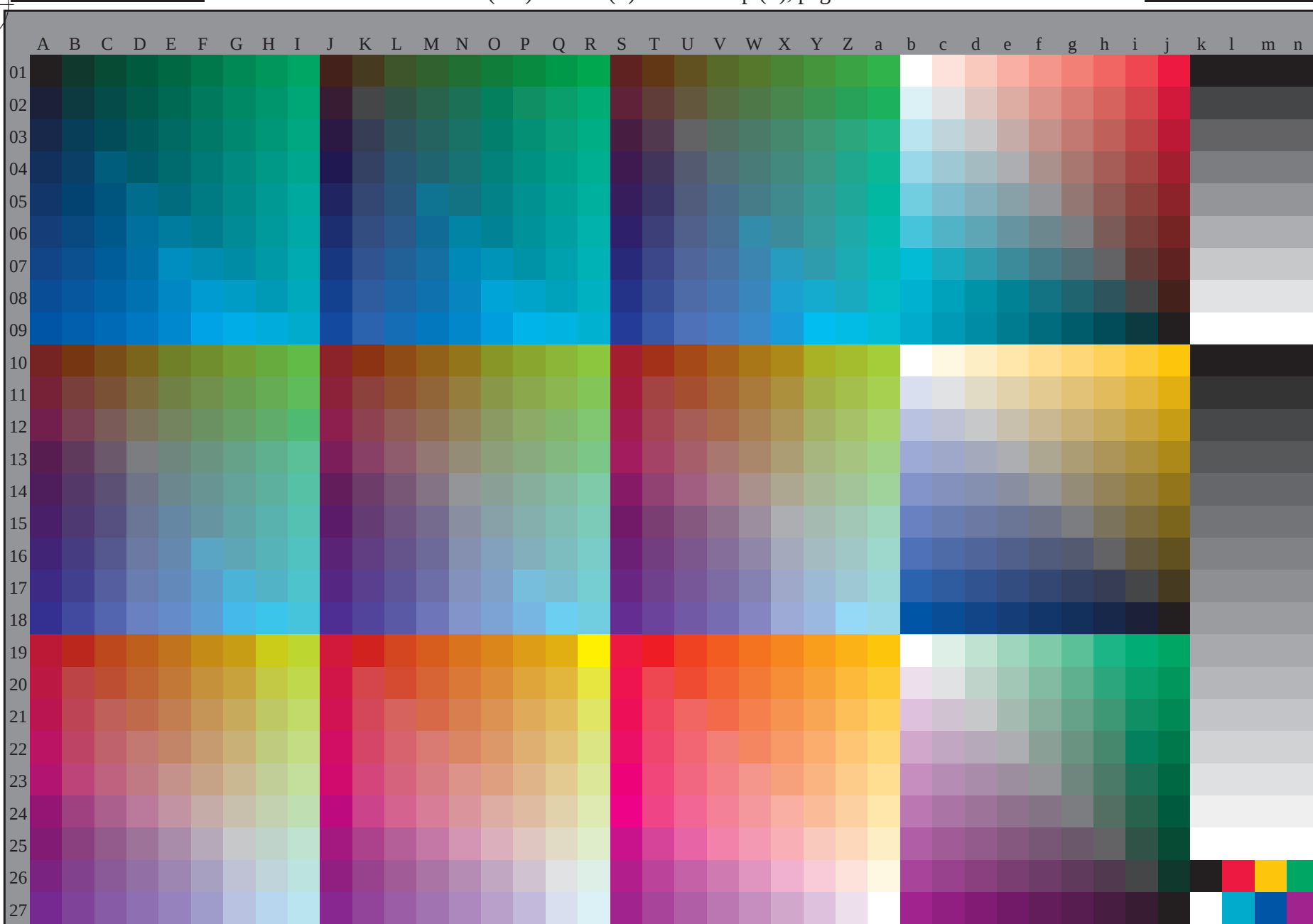
grafico TUB-SI19; 1080 colori standard
grafico conformemente a DIN 33872

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

vedere dei file simili: <http://130.149.60.45/~farbmetrik/SI19/SI19.HTM>
informazioni tecniche: <http://www.ps.bam.de> o <http://130.149.60.45/~farbmetrik>

TUB iscrizione: 20130201-SI19/SI19L0NP.PDF /.PS
la domanda per la misura di uscita della stampante laser, separazione cmyk6 (CMYK)

TUB materiale: code=rh4ta



4-013130-L0

SI190-71

rgb (A_n), 3D = 0

grafico TUB-SI19; 1080 colori standard
grafico conformemente a DIN 33872, 3D=0, de=1, cmyk

immettere: $rgb/cmyk \rightarrow rgb_e$
uscita: trasferire a $cmyk_e$

4-013130-F0

C

M

Y

O

L

V

C

vedere dei file simili: <http://130.149.60.45/~farbmetrik/SI19/SI19.HTM>
informazioni tecniche: <http://www.ps.bam.de> o <http://130.149.60.45/~farbmetrik>

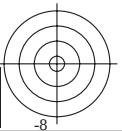
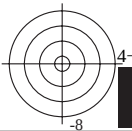
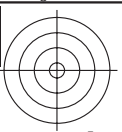
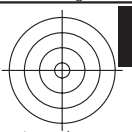
TUB iscrizione: 20130201-SI19/SI19L0NP.PDF /.PS
la domanda per la misura di uscita della stampante laser, separazione cmyk6 (CMYK)

TUB materiale: code=rh4ta

SI190-71
grafico TUB-SI19; 1080 colori standard
grafico conformemente a DIN 33872, 3D=0, de=1, cmyk

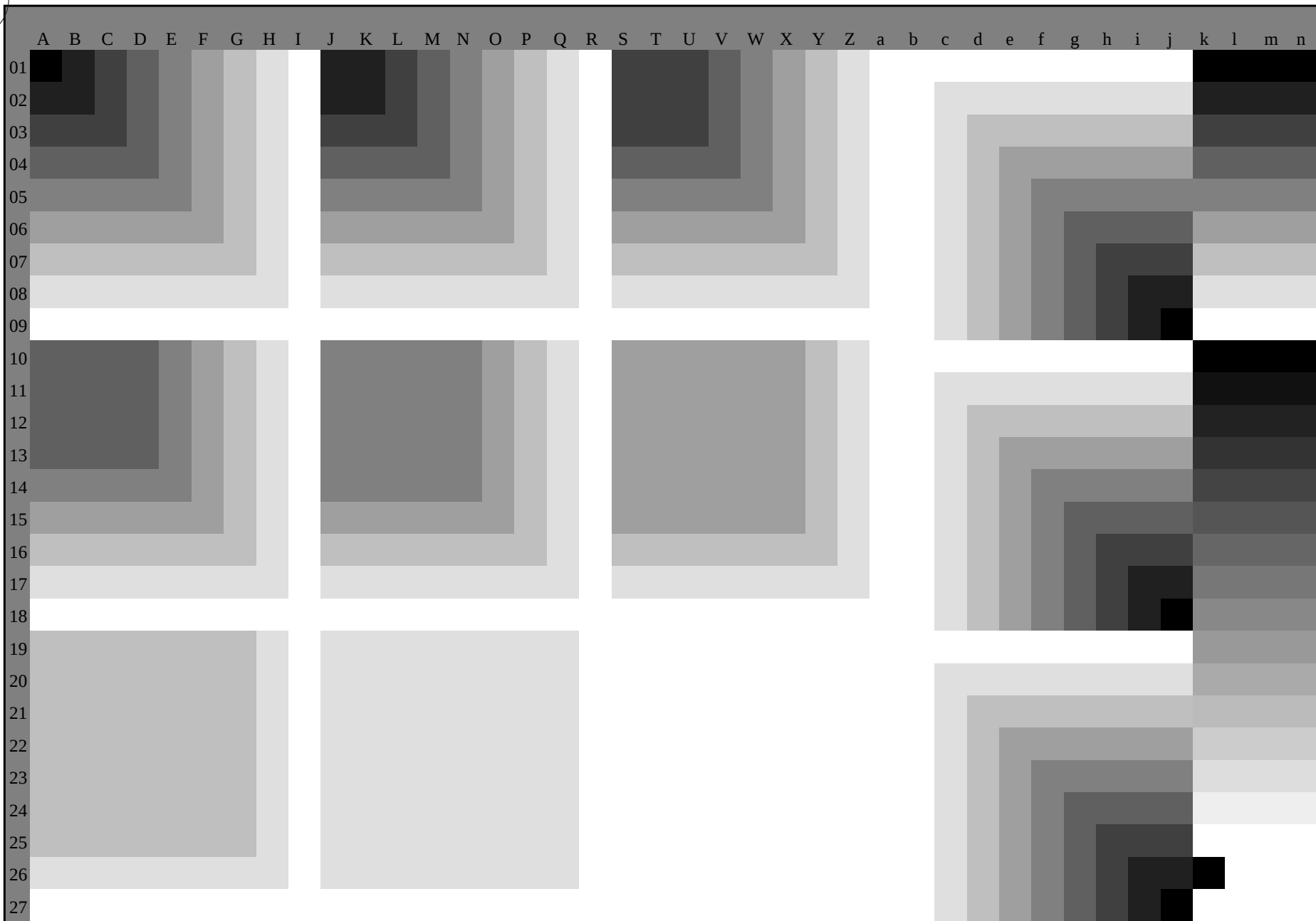
immettere: $rgb/cmyk \rightarrow rgb_e$
uscita: trasferire a $cmyk_e$

vedere dei file simili: <http://130.149.60.45/~farbmetrik/SI19/SI19.HTM>
informazioni tecniche: <http://www.ps.bam.de> o <http://130.149.60.45/~farbmetrik>



vedere dei file simili: <http://130.149.60.45/~farbmetrik/SI19/SI19.HTM>
informazioni tecniche: <http://www.ps.bam.de> o <http://130.149.60.45/~farbmetrik>

TUB iscrizione: 20130201-SI19/SI19L0NP.PDF /.PS
la domanda per la misura di uscita della stampante laser, separazione cmyk6 (CMYK)
TUB materiale: code=rh4ta



4-013530-L0

SI190-71

,3D=0

grafico TUB-SI19; 1080 colori standard
grafico conformemente a DIN 33872, 3D=0, de=1, cmyk

immettere: *rgb/cmyk* -> *rgb_e*
uscita: trasferire a *cmyk_e*

4-013530-E0

C

M

Y

O

L

V

Data of Maximum color M in colorimetric system Laser printer output; separation cmyn6*, D65 for input or output; Six hue angles of the 60 degree standard colours $RYGBM_s$: $h_{ab,ds} = 30.0, 90.0, 150.0, 210.0, 270.0, 330.0$;
Six hue angles of the device colours $RYGBM_d$: $h_{ab,d} = 33.5, 100.6, 155.5, 235.2, 290.8, 348.9$; Six hue angles of the elementary colours $RYGBM_e$: $h_{ab,e} = 25.5, 92.3, 162.2, 217.0, 271.7, 328.6$

$J=Y_d$
 $LCH^*_d = 91.5 \ 86.1 \ 100.5$
 $LAB^*_d = 91.5 \ -15.8 \ 84.6$
 $rgb^*_d = 1.0 \ 1.0 \ 0.0$

$L=G_d$
 $LCH^*_d = 54.3 \ 74.3 \ 155.5$
 $LAB^*_d = 54.3 \ -67.6 \ 30.8$
 $rgb^*_d = 0.0 \ 1.0 \ 0.0$

$C=C_d$
 $LCH^*_d = 53.1 \ 52.5 \ 235.1$
 $LAB^*_d = 53.1 \ -30.0 \ -43.1$
 $rgb^*_d = 0.0 \ 1.0 \ 1.0$

$O=R_d$
 $LCH^*_d = 47.5 \ 68.6 \ 33.4$
 $LAB^*_d = 47.5 \ 57.2 \ 37.8$
 $rgb^*_d = 1.0 \ 0.0 \ 0.0$

$M=M_d$
 $LCH^*_d = 48.1 \ 66.6 \ 348.9$
 $LAB^*_d = 48.1 \ 65.4 \ -12.7$
 $rgb^*_d = 1.0 \ 0.0 \ 1.0$

$V=B_d$
 $LCH^*_d = 32.5 \ 47.7 \ 290.8$
 $LAB^*_d = 32.5 \ 16.9 \ -44.6$
 $rgb^*_d = 0.0 \ 0.0 \ 1.0$

Y_e
 $LCH^*_e = 83.6 \ 76.9 \ 92.3$
 $LAB^*_e = 83.6 \ -3.1 \ 76.8$
 $rgb^*_{de} = 1.0 \ 0.768 \ 0.0$

G_e
 $LCH^*_e = 53.8 \ 69.2 \ 162.2$
 $LAB^*_e = 53.8 \ -65.9 \ 21.1$
 $rgb^*_{de} = 0.0 \ 1.0 \ 0.146$

C_e
 $LCH^*_e = 54.9 \ 48.4 \ 216.9$
 $LAB^*_e = 54.9 \ -38.7 \ -29.1$
 $rgb^*_{de} = 0.0 \ 1.0 \ 0.791$

B_e
 $LCH^*_e = 37.3 \ 48.7 \ 271.7$
 $LAB^*_e = 37.3 \ 1.4 \ -48.6$
 $rgb^*_{de} = 0.0 \ 0.261 \ 1.0$

R_e
 $LCH^*_e = 47.5 \ 62.1 \ 25.4$
 $LAB^*_e = 47.5 \ 56.0 \ 26.7$
 $rgb^*_{de} = 1.0 \ 0.0 \ 0.263$

M_e
 $LCH^*_e = 38.5 \ 54.7 \ 328.6$
 $LAB^*_e = 38.5 \ 46.7 \ -28.5$
 $rgb^*_{de} = 0.584 \ 0.0 \ 1.0$

Y_s
 $LCH^*_s = 81.8 \ 76.2 \ 90.0$
 $LAB^*_s = 81.8 \ 0.0 \ 76.2$
 $rgb^*_{ds} = 1.0 \ 0.732 \ 0.0$

G_s
 $LCH^*_s = 57.6 \ 70.9 \ 150.0$
 $LAB^*_s = 57.6 \ -61.4 \ 35.4$
 $rgb^*_{ds} = 0.145 \ 1.0 \ 0.0$

C_s
 $LCH^*_s = 55.2 \ 48.1 \ 210.0$
 $LAB^*_s = 55.2 \ -41.7 \ -24.0$
 $rgb^*_{ds} = 0.0 \ 1.0 \ 0.694$

R_s
 $LCH^*_s = 47.6 \ 65.0 \ 30.0$
 $LAB^*_s = 47.6 \ 56.3 \ 32.5$
 $rgb^*_{ds} = 1.0 \ 0.0 \ 0.157$

M_s
 $LCH^*_s = 38.9 \ 55.3 \ 330.0$
 $LAB^*_s = 38.9 \ 47.9 \ -27.6$
 $rgb^*_{ds} = 0.612 \ 0.0 \ 1.0$

B_s
 $LCH^*_s = 38.0 \ 48.9 \ 270.0$
 $LAB^*_s = 38.0 \ 0.0 \ -48.9$
 $rgb^*_{ds} = 0.0 \ 0.283 \ 1.0$

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

$rgb^*_d, LCH^*_d, LAB^*_d$

$h_{ab,i} rgb^*_{di}$

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

$h_{ab,s}$

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

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

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

$h_{ab,e}$

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

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

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

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

rgb^*_{di}

4-013630-L0

SI190-71

$LAB^*Ia0, YN=0\%, XYZnW=3.9, 4.1, 4.1, 84.7, 89.6, 93.9, LAB^*nw=23.9, 0.0, 0.0, 95.8, 0.0, 0.0$

uscita: Laser printer output; separation cmyn6*, D65, pagina 7/33

grafico TUB-SI19; 1080 colori standard

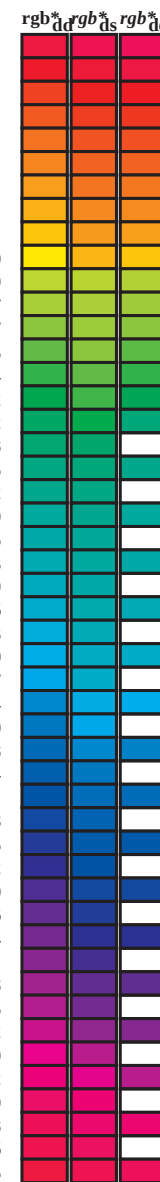
immettere: $rgb/cmyk \rightarrow rgb_e$

cerchio delle tinte a 48 passi; $rgb-LabCh^* \text{tavole}$, 3D=0, de=1, $cmyk \rightarrow trasfere a cmyk_e$

4-013630-F0

Data of Maximum color M in colorimetric system Laser printer output; separation cmyn6*, D65 for input or output; Six hue angles of the 60 degree standard colours $RYGCBM_c$: $h_{ab,ds} = 30.0, 90.0, 150.0, 210.0, 270.0, 330.0$;
Six hue angles of the device colours $RYGCBM_d$: $h_{ab,d} = 33.5, 100.6, 155.5, 235.2, 290.8, 348.9$; 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)						$rgb^*_{dex361M}$			$LAB^*_{dex361M}$				
33.4	30.0	25.4	1.0	0.0	0.0	47.5	57.2	37.8	68.6	33.4	33.4	1.0	0.0	0.263	47.6	56.1	26.7	62.1	25
42.1	37.5	33.8	1.0	0.125	0.0	51.9	54.3	49.2	73.2	42.1	42.1	1.0	0.0	0.012	47.6	57.2	37.5	68.4	33
52.8	45.0	42.1	1.0	0.25	0.0	58.2	41.8	55.1	69.2	52.8	52.8	1.0	0.125	0.0	52.0	54.3	49.2	73.3	42
63.7	52.5	50.5	1.0	0.375	0.0	64.6	29.8	60.4	67.3	63.7	63.7	1.0	0.216	0.0	56.6	45.2	53.9	70.3	49
73.8	60.0	58.8	1.0	0.5	0.0	70.5	19.2	66.2	69.0	73.8	73.8	1.0	0.32	0.0	61.8	35.2	58.4	68.2	58
80.7	67.5	67.2	1.0	0.625	0.0	74.9	11.4	70.7	71.6	80.7	80.7	1.0	0.412	0.0	66.4	26.9	62.3	67.9	66
91.5	75.0	75.6	1.0	0.75	0.0	82.9	-2.0	76.9	77.0	91.5	91.5	1.0	0.532	0.0	71.6	17.3	67.5	69.7	75
96.8	82.5	83.9	1.0	0.875	0.0	87.6	-9.0	75.7	76.3	96.8	96.8	1.0	0.655	0.0	76.9	8.4	72.5	73.0	83
100.5	90.0	92.3	1.0	1.0	0.0	91.5	-15.8	84.6	86.1	100.5	100.5	1.0	0.769	0.0	83.7	-3.0	76.8	76.9	92
101.4	97.5	101.0	0.875	1.0	0.0	92.8	-18.1	89.4	91.2	101.4	101.4	1.0	0.996	0.0	91.5	-15.5	84.4	85.8	100
103.9	105.0	109.7	0.75	1.0	0.0	90.1	-21.3	86.0	88.6	103.9	103.9	0.684	1.0	0.0	84.7	-27.5	76.7	81.5	109
115.0	112.5	118.5	0.625	1.0	0.0	79.9	-31.7	67.9	75.0	115.0	115.0	0.595	1.0	0.0	77.8	-34.4	65.0	73.6	117
127.3	120.0	127.2	0.5	1.0	0.0	70.9	-41.7	54.8	68.9	127.3	127.3	0.501	1.0	0.0	71.0	-41.6	54.9	68.9	127
134.7	127.5	136.0	0.375	1.0	0.0	66.5	-47.5	48.0	67.6	134.7	134.7	0.366	1.0	0.0	66.2	-48.2	47.6	67.8	135
144.7	135.0	144.7	0.25	1.0	0.0	60.6	-57.2	40.4	70.1	144.7	144.7	0.25	1.0	0.0	60.6	-57.1	40.5	70.1	144
151.0	142.5	153.4	0.125	1.0	0.0	57.0	-62.2	34.4	71.1	151.0	151.0	0.073	1.0	0.0	55.9	-64.4	33.0	72.5	152
155.5	150.0	162.2	0.0	1.0	0.0	54.3	-67.6	30.8	74.3	155.5	155.5	0.0	1.0	0.147	53.8	-65.9	21.1	69.3	162
160.8	157.5	169.0	0.0	1.0	0.125	53.8	-66.4	23.0	70.2	160.8	160.8	0.0	1.0	0.251	53.8	-63.0	12.7	64.4	168
168.5	165.0	175.9	0.0	1.0	0.25	53.7	-63.1	12.8	64.4	168.5	168.5	0.0	1.0	0.331	54.4	-59.3	4.2	59.5	175
179.9	172.5	182.7	0.0	1.0	0.375	54.7	-56.8	0.0	56.8	179.9	179.9	0.0	1.0	0.405	54.8	-55.6	-2.1	55.7	182
189.8	180.0	189.6	0.0	1.0	0.5	55.0	-51.4	-8.9	52.2	189.8	189.8	0.0	1.0	0.497	55.0	-51.5	-8.6	52.3	189
204.4	187.5	196.4	0.0	1.0	0.625	55.3	-44.1	-20.0	48.5	204.4	204.4	0.0	1.0	0.553	55.2	-48.6	-13.9	50.7	195
214.4	195.0	203.2	0.0	1.0	0.75	55.2	-39.5	-27.1	47.9	214.4	214.4	0.0	1.0	0.615	55.3	-44.7	-19.2	48.8	203
221.9	202.5	210.1	0.0	1.0	0.875	54.4	-36.7	-33.0	49.4	221.9	221.9	0.0	1.0	0.69	55.3	-41.8	-23.8	48.2	209
235.1	210.0	216.9	0.0	1.0	1.0	53.1	-30.0	-43.1	52.5	235.1	235.1	0.0	1.0	0.792	55.0	-38.6	-29.0	48.4	216
237.9	217.5	223.8	0.0	0.875	1.0	53.1	-27.9	-44.7	52.7	237.9	237.9	0.0	1.0	0.888	54.3	-36.1	-34.1	49.8	223
241.3	225.0	230.6	0.0	0.75	1.0	52.9	-25.9	-47.5	54.1	241.3	241.3	0.0	1.0	0.957	53.6	-32.5	-39.7	51.5	230
247.2	232.5	237.5	0.0	0.625	1.0	50.5	-20.8	-49.5	53.7	247.2	247.2	0.0	0.916	1.0	53.1	-28.6	-44.1	52.7	237
254.9	240.0	244.3	0.0	0.5	1.0	46.1	-13.3	-49.4	51.1	254.9	254.9	0.0	0.686	1.0	51.7	-23.3	-48.5	54.0	244
262.6	247.5	251.2	0.0	0.375	1.0	41.4	-6.3	-49.2	49.6	262.6	262.6	0.0	0.568	1.0	48.6	-17.2	-49.5	52.6	250
272.6	255.0	258.0	0.0	0.25	1.0	36.8	2.2	-48.5	48.6	272.6	272.6	0.0	0.449	1.0	44.2	-10.4	-49.4	50.6	258
281.4	262.5	264.8	0.0	0.125	1.0	35.0	9.4	-46.3	47.3	281.4	281.4	0.0	0.353	1.0	40.6	-4.7	-49.2	49.5	264
290.8	270.0	271.7	0.0	0.0	1.0	32.5	16.9	-44.6	47.7	290.8	290.8	0.0	0.261	1.0	37.3	1.5	-48.6	48.7	271
299.2	277.5	278.8	0.125	0.0	1.0	31.6	23.6	-42.2	48.4	299.2	299.2	0.0	0.169	1.0	35.7	7.0	-47.2	47.8	278
307.8	285.0	285.9	0.25	0.0	1.0	31.0	30.5	-39.3	49.8	307.8	307.8	0.0	0.065	1.0	33.9	13.1	-45.6	47.5	285
317.5	292.5	293.0	0.375	0.0	1.0	34.2	38.2	-35.0	51.8	317.5	317.5	0.026	0.0	1.0	32.4	18.4	-44.1	47.9	292
324.4	300.0	300.1	0.5	0.0	1.0	37.2	43.1	-30.8	53.0	324.4	324.4	0.139	0.0	1.0	31.5	24.4	-41.9	48.6	300
330.6	307.5	307.2	0.625	0.0	1.0	39.1	48.4	-27.2	55.6	330.6	330.6	0.235	0.0	1.0	31.1	29.8	-39.7	49.7	306
338.7	315.0	314.3	0.75	0.0	1.0	41.8	55.1	-21.4	59.1	338.7	338.7	0.335	0.0	1.0	33.2	35.8	-36.5	51.2	314
343.9	322.5	321.4	0.875	0.0	1.0	45.6	60.1	-17.3	62.6	343.9	343.9	0.439	0.0	1.0	35.8	40.8	-32.9	52.5	321
348.9	330.0	328.6	1.0	0.0	1.0	48.1	65.4	-12.7	66.6	348.9	348.9	0.584	0.0	1.0	38.5	46.8	-28.4	54.8	328
350.7	337.5	335.7	1.0	0.0	0.875	49.5	66.1	-10.7	67.0	350.7	350.7	0.696	0.0	1.0	40.7	52.3	-24.0	57.6	335
354.2	345.0	342.8	1.0	0.0	0.75	49.3	64.5	-6.5	64.8	354.2	354.2	0.848	0.0	1.0	44.9	59.1	-18.2	61.9	342
361.9	352.5	349.9	1.0	0.0	0.625	48.0	61.8	2.1	61.8	361.9	361.9	1.0	0.0	0.964	48.6	65.6	-12.1	66.8	349
370.0	360.0	357.0	1.0	0.0	0.5	47.8	58.9	10.4	59.9	370.0	370.0	1.0	0.0	0.828	49.5	65.6	-9.0	66.2	352
378.9	367.5	364.1	1.0	0.0	0.375	47.4	56.8	19.5	60.0	378.9	378.9	1.0	0.0	0.659	48.4	62.7	-0.1	62.7	359
386.2	375.0	371.2	1.0	0.0	0.25	47.5	55.9	27.5	62.3	386.2	386.2	1.0	0.0	0.519	47.8	59.5	9.2	60.2	368
391.3	382.5	378.3	1.0	0.0	0.125	47.6	56.3	34.2	65.9	391.3	391.3	1.0	0.0	0.408	47.5	57.6	17.1	60.0	376
393.4	390.0	385.4	1.0	0.0	0.0	47.5	57.2	37.8	68.6	393.4	393.4	1.0	0.0	0.263	47.6	56.1	26.7	62.1	385



Data of Maximum color M in colorimetric system Laser printer output; 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 $RYGCBM_d$: $h_{ab,d} = 33.5, 100.6, 155.5, 235.2, 290.8, 348.9$; 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}	$LAB^*_{dd361Mi}(x=LabCh)$	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}
33	30	25	1.0	0.0	0.0	47.5	57.2	37.8	68.6	33	1.0	0.0	0.0	0.0	0.0
34	31	26	1.0	0.016	0.0	48.1	56.9	39.3	69.2	34	1.0	0.0	0.017	0.0	0.0
35	32	27	1.0	0.033	0.0	48.7	56.6	40.8	69.8	35	1.0	0.0	0.033	0.0	0.0
36	33	28	1.0	0.05	0.0	49.3	56.3	42.3	70.4	36	1.0	0.0	0.05	0.0	0.0
38	34	29	1.0	0.066	0.0	49.9	55.9	43.9	71.1	38	1.0	0.0	0.067	0.0	0.0
39	35	31	1.0	0.083	0.0	50.5	55.5	45.4	71.7	39	1.0	0.0	0.083	0.0	0.0
40	36	32	1.0	0.1	0.0	51.0	55.0	46.9	72.3	40	1.0	0.0	0.1	0.0	0.0
41	37	33	1.0	0.116	0.0	51.6	54.5	48.4	72.9	41	1.0	0.0	0.117	0.0	0.0
42	38	34	1.0	0.133	0.0	52.3	53.4	49.7	73.0	42	1.0	0.0	0.133	0.0	0.0
44	39	35	1.0	0.15	0.0	53.2	51.8	50.6	72.4	44	1.0	0.0	0.15	0.0	0.0
45	40	36	1.0	0.166	0.0	54.0	50.2	51.5	71.9	45	1.0	0.0	0.167	0.0	0.0
47	41	37	1.0	0.183	0.0	54.9	48.5	52.3	71.4	47	1.0	0.0	0.183	0.0	0.0
48	42	38	1.0	0.2	0.0	55.7	46.8	53.1	70.8	48	1.0	0.0	0.2	0.0	0.0
50	43	39	1.0	0.216	0.0	56.6	45.2	53.8	70.3	50	1.0	0.0	0.217	0.0	0.0
51	44	41	1.0	0.233	0.0	57.4	43.5	54.5	69.7	51	1.0	0.0	0.233	0.0	0.0
52	45	42	1.0	0.25	0.0	58.2	41.8	55.1	69.2	52	1.0	0.0	0.25	0.0	0.0
54	46	43	1.0	0.266	0.0	59.1	40.2	56.0	69.0	54	1.0	0.0	0.267	0.0	0.0
55	47	44	1.0	0.283	0.0	59.9	38.6	56.8	68.7	55	1.0	0.0	0.283	0.0	0.0
57	48	45	1.0	0.3	0.0	60.8	37.1	57.5	68.5	57	1.0	0.0	0.3	0.0	0.0
58	49	46	1.0	0.316	0.0	61.6	35.5	58.2	68.2	58	1.0	0.0	0.317	0.0	0.0
60	50	47	1.0	0.333	0.0	62.5	33.9	58.9	68.0	60	1.0	0.0	0.333	0.0	0.0
61	51	48	1.0	0.35	0.0	63.3	32.2	59.5	67.7	61	1.0	0.0	0.35	0.0	0.0
63	52	49	1.0	0.366	0.0	64.2	30.6	60.1	67.5	63	1.0	0.0	0.367	0.0	0.0
64	53	51	1.0	0.383	0.0	65.0	29.1	60.8	67.4	64	1.0	0.0	0.383	0.0	0.0
65	54	52	1.0	0.4	0.0	65.8	27.8	61.7	67.7	65	1.0	0.0	0.4	0.0	0.0
67	55	53	1.0	0.416	0.0	66.6	26.4	62.5	67.9	67	1.0	0.0	0.417	0.0	0.0
68	56	54	1.0	0.433	0.0	67.3	25.0	63.3	68.1	68	1.0	0.0	0.433	0.0	0.0
69	57	55	1.0	0.45	0.0	68.1	23.6	64.1	68.3	69	1.0	0.0	0.45	0.0	0.0
71	58	56	1.0	0.466	0.0	68.9	22.1	64.8	68.5	71	1.0	0.0	0.467	0.0	0.0
72	59	57	1.0	0.483	0.0	69.7	20.7	65.6	68.8	72	1.0	0.0	0.483	0.0	0.0
73	60	58	1.0	0.5	0.0	70.5	19.2	66.2	69.0	73	1.0	0.0	0.5	0.0	0.0
74	61	60	1.0	0.516	0.0	71.0	18.2	66.9	69.3	74	1.0	0.0	0.517	0.0	0.0
75	62	61	1.0	0.533	0.0	71.6	17.2	67.5	69.7	75	1.0	0.0	0.533	0.0	0.0
76	63	62	1.0	0.55	0.0	72.2	16.2	68.1	70.0	76	1.0	0.0	0.55	0.0	0.0
77	64	63	1.0	0.566	0.0	72.8	15.1	68.7	70.4	77	1.0	0.0	0.567	0.0	0.0
78	65	64	1.0	0.583	0.0	73.4	14.1	69.3	70.7	78	1.0	0.0	0.583	0.0	0.0
79	66	65	1.0	0.6	0.0	74.0	13.0	69.9	71.1	79	1.0	0.0	0.6	0.0	0.0
80	67	66	1.0	0.616	0.0	74.6	12.0	70.4	71.4	80	1.0	0.0	0.617	0.0	0.0
81	68	67	1.0	0.633	0.0	75.4	10.6	71.2	72.0	81	1.0	0.0	0.633	0.0	0.0
82	69	68	1.0	0.65	0.0	76.5	8.9	72.1	72.7	82	1.0	0.0	0.65	0.0	0.0
84	70	70	1.0	0.666	0.0	77.5	7.2	73.0	73.4	84	1.0	0.0	0.667	0.0	0.0
85	71	71	1.0	0.683	0.0	78.6	5.4	73.9	74.1	85	1.0	0.0	0.683	0.0	0.0
87	72	72	1.0	0.7	0.0	79.7	3.6	74.7	74.8	87	1.0	0.0	0.7	0.0	0.0
88	73	73	1.0	0.716	0.0	80.8	1.7	75.5	75.5	88	1.0	0.0	0.717	0.0	0.0
-269	74	74	1.0	0.733	0.0	81.8	-0.1	76.3	76.3	-269	1.0	0.0	0.733	0.0	0.0
-268	75	75	1.0	0.75	0.0	82.9	-2.0	76.9	77.0	-268	1.0	0.0	0.75	0.0	0.0

4-013930-L0 SI190-71 LAB*la0, YN=0%, XYZnw=3.9, 4.1, 4.1, 84.7, 89.6, 93.9, LAB*nw=23.9, 0.0, 0.0, 95.8, 0.0, 0.0

uscita: Laser printer output; separation cmyn6*, D65, pagina 10/33

grafico TUB-SI19; 1080 colori standard
cerchio delle tinte a 48 passi; $rgb-LabCh^*_{tavole}$, 3D=0, de=1

immettere: $rgb/cmyk \rightarrow rgb_e$
trasferire a $cmyk_e$

vedere dei file simili: <http://130.149.60.45/~farbmetrik/SI19/SI19.HTM>
informazioni tecniche: <http://www.ps.bam.de> o <http://130.149.60.45/~farbmetrik>

TUB iscrizione: 20130201-SI19/SI19L0NP.PDF /.PS
la domanda per la misura di uscita della stampante laser, separazionecmyn6 (CMYK)

TUB materiale: code=rha4ta

Data of Maximum color M in colorimetric system Laser printer output; 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 $RYGCBM_d$: $h_{ab,d} = 33.5, 100.6, 155.5, 235.2, 290.8, 348.9$; 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}					$LAB^*_{\text{dd361Mi}}(x=\text{LabCh})$					R_d	rgb^*_{ds361Mi}					$LAB^*_{\text{ds361Mi}}(x=\text{LabCh})$					rgb^*_{dd361Mi}					rgb^*_{de361Mi}					$LAB^*_{\text{dex361Mi}}(x=\text{LabCh})$					rgb^*_{dd361Mi}				
-268	75	75	1.0	0.75	0.0	82.9	-2.0	76.9	77.0	-268	Y_d	1.0	0.521	0.0	71.3	18.0	67.1	69.5	75		1.0	0.75	0.0	1.0	0.532	0.0	71.6	17.3	67.5	69.7	75		1.0	0.75	0.0								
92	76	76	1.0	0.766	0.0	83.5	-2.9	76.8	76.9	92		1.0	0.539	0.0	71.9	16.9	67.8	69.8	76		1.0	0.767	0.0	1.0	0.552	0.0	72.3	16.1	68.2	70.1	76		1.0	0.767	0.0								
92	77	77	1.0	0.783	0.0	84.2	-3.9	76.7	76.8	92		1.0	0.557	0.0	72.5	15.8	68.4	70.2	77		1.0	0.783	0.0	1.0	0.572	0.0	73.0	14.9	69.0	70.5	77		1.0	0.783	0.0								
93	78	78	1.0	0.8	0.0	84.8	-4.8	76.5	76.7	93		1.0	0.575	0.0	73.1	14.7	69.1	70.6	78		1.0	0.8	0.0	1.0	0.592	0.0	73.7	13.6	69.7	71.0	78		1.0	0.8	0.0								
94	79	80	1.0	0.816	0.0	85.4	-5.8	76.4	76.6	94		1.0	0.593	0.0	73.8	13.5	69.7	71.0	79		1.0	0.817	0.0	1.0	0.612	0.0	74.4	12.3	70.3	71.4	80		1.0	0.817	0.0								
95	80	81	1.0	0.833	0.0	86.0	-6.7	76.2	76.5	95		1.0	0.611	0.0	74.4	12.4	70.3	71.4	80		1.0	0.833	0.0	1.0	0.629	0.0	75.2	11.0	71.0	71.9	81		1.0	0.833	0.0								
95	81	82	1.0	0.85	0.0	86.6	-7.6	76.0	76.4	95		1.0	0.627	0.0	75.1	11.2	70.9	71.8	81		1.0	0.85	0.0	1.0	0.642	0.0	76.0	9.7	71.8	72.4	82		1.0	0.85	0.0								
96	82	83	1.0	0.866	0.0	87.3	-8.6	75.8	76.3	96		1.0	0.639	0.0	75.8	10.1	71.6	72.3	82		1.0	0.867	0.0	1.0	0.655	0.0	76.9	8.4	72.5	73.0	83		1.0	0.867	0.0								
97	83	84	1.0	0.883	0.0	87.8	-9.4	76.3	76.9	97		1.0	0.651	0.0	76.6	8.9	72.2	72.8	83		1.0	0.883	0.0	1.0	0.668	0.0	77.7	7.0	73.2	73.5	84		1.0	0.883	0.0								
97	84	85	1.0	0.9	0.0	88.4	-10.3	77.6	78.2	97		1.0	0.662	0.0	77.3	7.7	72.9	73.3	84		1.0	0.9	0.0	1.0	0.681	0.0	78.5	5.6	73.9	74.1	85		1.0	0.9	0.0								
98	85	86	1.0	0.916	0.0	88.9	-11.2	78.8	79.6	98		1.0	0.674	0.0	78.1	6.4	73.5	73.8	85		1.0	0.917	0.0	1.0	0.694	0.0	79.4	4.2	74.5	74.6	86		1.0	0.917	0.0								
98	86	87	1.0	0.933	0.0	89.4	-12.0	80.0	80.9	98		1.0	0.686	0.0	78.8	5.2	74.1	74.3	86		1.0	0.933	0.0	1.0	0.707	0.0	80.2	2.8	75.1	75.2	87		1.0	0.933	0.0								
99	87	88	1.0	0.95	0.0	89.9	-12.9	81.1	82.2	99		1.0	0.697	0.0	79.6	3.9	74.7	74.8	87		1.0	0.95	0.0	1.0	0.72	0.0	81.1	1.4	75.7	75.7	88		1.0	0.95	0.0								
99	88	90	1.0	0.966	0.0	90.5	-13.9	82.3	83.5	99		1.0	0.709	0.0	80.3	2.6	75.2	75.3	88		1.0	0.967	0.0	1.0	0.733	0.0	81.9	0.0	76.3	76.3	90		1.0	0.967	0.0								
100	89	91	1.0	0.983	0.0	91.0	-14.8	83.5	84.8	100		1.0	0.721	0.0	81.1	1.3	75.8	75.8	89		1.0	0.983	0.0	1.0	0.746	0.0	82.7	-1.5	76.8	76.9	91		1.0	0.983	0.0								
100	90	92	1.0	1.0	0.0	91.5	-15.8	84.6	86.1	100	Y_d	1.0	0.732	0.0	81.8	0.0	76.3	76.3	90	Y_s	1.0	1.0	0.0	1.0	0.769	0.0	83.7	-3.0	76.8	76.9	92	Y_e	1.0	1.0	0.0								
100	91	93	0.983	1.0	0.0	91.7	-16.1	85.3	86.8	100		1.0	0.744	0.0	82.6	-1.2	76.7	76.8	91		0.983	1.0	0.0	1.0	0.796	0.0	84.7	-4.6	76.6	76.8	93		0.983	1.0	0.0								
100	92	94	0.966	1.0	0.0	91.9	-16.4	85.9	87.5	100		1.0	0.761	0.0	83.4	-2.6	76.7	77.0	92		0.967	1.0	0.0	1.0	0.823	0.0	85.7	-6.1	76.4	76.6	94		0.967	1.0	0.0								
100	93	95	0.95	1.0	0.0	92.0	-16.7	86.5	88.2	100		1.0	0.785	0.0	84.3	-3.9	76.7	76.8	93		0.95	1.0	0.0	1.0	0.851	0.0	86.7	-7.6	76.1	76.5	95		0.95	1.0	0.0								
101	94	96	0.933	1.0	0.0	92.2	-17.0	87.2	88.8	101		1.0	0.808	0.0	85.1	-5.2	76.5	76.7	94		0.933	1.0	0.0	1.0	0.879	0.0	87.8	-9.2	76.1	76.7	96		0.933	1.0	0.0								
101	95	98	0.916	1.0	0.0	92.4	-17.3	87.8	89.5	101		1.0	0.832	0.0	86.0	-6.6	76.3	76.6	95		0.917	1.0	0.0	1.0	0.918	0.0	89.0	-11.2	78.9	79.7	98		0.917	1.0	0.0								
101	96	99	0.9	1.0	0.0	92.5	-17.6	88.4	90.2	101		1.0	0.855	0.0	86.9	-7.9	76.0	76.4	96		0.9	1.0	0.0	1.0	0.957	0.0	90.2	-13.3	81.7	82.8	99		0.9	1.0	0.0								
101	97	100	0.883	1.0	0.0	92.7	-18.0	89.1	90.9	101		1.0	0.88	0.0	87.8	-9.3	76.2	76.7	97		0.883	1.0	0.0	1.0	0.996	0.0	91.5	-15.5	84.4	85.8	100		0.883	1.0	0.0								
101	98	101	0.866	1.0	0.0	92.6	-18.3	89.2	91.0	101		1.0	0.914	0.0	88.8	-10.9	78.6	79.4	98		0.867	1.0	0.0	1.0	0.867	1.0	0.0	92.6	-18.3	89.2	91.1	101		0.867	1.0	0.0							
101	99	102	0.85	1.0	0.0	92.2	-18.8	88.7	90.7	101		1.0	0.947	0.0	89.9	-12.7	81.0	82.0	99		0.85	1.0	0.0	1.0	0.808	1.0	0.0	91.4	-19.8	87.6	89.9	102		0.85	1.0	0.0							
102	100	103	0.833	1.0	0.0	91.9	-19.2	88.3	90.3	102		1.0	0.98	0.0	91.0	-14.6	83.3	84.6	100		0.833	1.0	0.0	1.0	0.75	1.0	0.0	90.1	-21.3	86.0	88.6	103		0.833	1.0	0.0							
102	101	105	0.816	1.0	0.0	91.5	-19.6	87.8	90.0	102		0.943	1.0	0.0	92.2	-16.8	86.9	88.5	101		0.817	1.0	0.0	1.0	0.737	1.0	0.0	89.0	-22.7	84.2	87.2	105		0.817	1.0	0.0							
102	102	106	0.8	1.0	0.0	91.1	-20.1	87.4	89.7	102		0.849	1.0	0.0	92.2	-18.8	88.7	90.7	102		0.8	1.0	0.0	1.0	0.724	1.0	0.0	88.0	-24.0	82.3	85.8	106		0.8	1.0	0.0							
103	103	107	0.783	1.0	0.0	90.8	-20.5	86.9	89.3	103		0.798	1.0	0.0	91.2	-20.1	87.4	89.7	103		0.783	1.0	0.0	1.0	0.71	1.0	0.0	86.9	-25.2	80.5	84.3	107		0.783	1.0	0.0							
103	104	108	0.766	1.0	0.0	90.4	-20.9	86.5	89.0	103		0.749	1.0	0.0	90.1	-21.3	86.0	88.6	104		0.767	1.0	0.0	1.0	0.697	1.0	0.0	85.8	-26.4	78.6	82.9	108		0.767	1.0	0.0							
103	105	109	0.75	1.0	0.0	90.1	-21.3	86.0	88.6	103		0.738	1.0	0.0	89.2	-22.5	84.4	87.4	105		0.75	1.0	0.0	1.0	0.684	1.0	0.0	84.7	-27.5	76.7	81.5	109		0.75	1.0	0.0							
105	106	110	0.733	1.0	0.0	88.7	-23.1	83.7	86.8	105		0.727	1.0	0.0	88.2	-23.6	82.8	86.1	106		0.733	1.0	0.0	1.0	0.671	1.0	0.0	83.7	-28.5	74.8	80.0	110		0.733	1.0	0.0							
106	107	112	0.716	1.0	0.0	87.3	-24.7	81.3	85.0	106		0.716	1.0	0.0	87.3	-24.7	81.2	84.9	107		0.717	1.0	0.0	1.0	0.658	1.0	0.0	82.6	-29.5	72.8	78.6	112		0.717	1.0	0.0							
108	108	113	0.7	1.0	0.0	86.0	-26.2	78.9	83.2	108		0.704	1.0	0.0	86.4	-25.8	79.6	83.7	108		0.7	1.0	0.0	1.0	0.645	1.0	0.0	81.5	-30.4	70.9	77.2	113		0.7	1.0	0.0							
109	109	114	0.683	1.0	0.0	84.6	-27.6	76.5	81.3	109		0.693	1.0	0.0	85.5	-26.7	78.0	82.5	109		0.683	1.0	0.0	1.0	0.632	1.0	0.0	80.4	-31.3	69.0	75.7	114		0.683	1.0	0.0							
111	110	115	0.666	1.0	0.0	83.3	-28.9	74.1	79.5	111		0.682	1.0	0.0	84.5	-27.7	76.3	81.2	110		0.667	1.0	0.0	1.0	0.619	1.0	0.0	79.5	-32.2	67.4	74.7	115		0.667	1.0	0.0							
112	111	116	0.65	1.0	0.0	81.9	-30.1	71.6	77.7	112		0.67	1.0	0.0	83.6	-28.6	74.7	80.0	111		0.65	1.0	0.0	1.0	0.607	1.0	0.0	78.6	-33.3	66.2	74.2	116		0.65	1.0	0.0							
114	112	117	0.633	1.0	0.0	80.5	-31.2	69.2	75.9	114		0.659	1.0	0.0	82.7	-29.4	73.0	78.8	112		0.633	1.0	0.0	1.0	0.595	1.0	0.0	77.8	-34.4	65.0	73.6	117		0.633	1.0	0.0							
115	113	119	0.616	1.0	0.0	79.3	-32.5	67.1	74.6	115		0.648	1.0	0.0	81.8	-30.2	71.4	77.5	113		0.617	1.0	0.0	1.0	0.584	1.0	0.0	77.0	-35.4	63.8	73.0	119		0.617	1.0	0.0							
117	114	120	0.6	1.0	0.0	78.1	-34.0	65.4	73.8	117		0.637	1.0	0.0	80.9	-30.9	69.7	76.3	114		0.6	1.0	0.0	1.0	0.572	1.0	0.0	76.1	-36.4	62.5	72.4	120		0.6	1.0	0.0							
119	115	121	0.583	1.0	0.0	76.9	-35.5	63.7	72.9	119																																	

4-0131030-L0	SI190-71	LAB*la0, YN=0%, XYZnw=3.9, 4.1, 4.1, 84.7, 89.6, 93.9, LAB*nw=23.9, 0.0, 0.0, 95.8, 0.0, 0.0
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uscita: Laser printer output; separation cmyk6*, D65, pagina 11/36

grafico TUB-SI19; 1080 colori standard
cerchio delle tinte a 48 passi; *rgb-LabC*

immettere: $rgb/cmyk \rightarrow rgb_e$
 = 1,5 città trasferire a $cmyk_e$

TUB iscrizione: 20130201-SI19/SI19L0NP.PDF /PS
la domanda per la misura di uscita della stampante la

TUB materiale: code=rha4ta
ioneemyn6 (CMYK)

vedere dei file simili: <http://130.149.60.45/~farbmétrik/S119/S119.HTM>
informazioni tecniche: <http://www.ps.bam.de> o <http://130.149.60.45/~farbmétrik>

Data of Maximum color M in colorimetric system Laser printer output; separation cmyn6*, D65 for input or output; Six hue angles of the 60 degree standard colours RYGBM _s : 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} = 33.5, 100.6, 155.5, 235.2, 290.8, 348.9; Six hue angles of the elementary colours RYGBM _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* dd361Mi (x=LabCh)	rgb* ds361Mi	LAB* dsx361Mi (x=LabCh)	rgb* dd361Mi	rgb* de361Mi	LAB* dex361Mi (x=LabCh)	rgb* dd361Mi	rgb* dd	rgb* ds	rgb* de				
127	120	127	0.5	1.0	0.0	70.9	-41.7	54.8	68.9	127	0.5	1.0	0.0				
128	121	128	0.483	1.0	0.0	70.4	-42.6	53.8	68.7	128	0.483	1.0	0.0				
129	122	129	0.466	1.0	0.0	69.8	-43.4	53.0	68.5	129	0.467	1.0	0.0				
130	123	130	0.45	1.0	0.0	69.2	-44.2	52.1	68.3	130	0.45	1.0	0.0				
131	124	131	0.433	1.0	0.0	68.6	-45.0	51.2	68.2	131	0.433	1.0	0.0				
132	125	133	0.416	1.0	0.0	68.0	-45.7	50.3	68.0	132	0.417	1.0	0.0				
133	126	134	0.4	1.0	0.0	67.4	-46.5	49.4	67.8	133	0.4	1.0	0.0				
134	127	135	0.383	1.0	0.0	66.8	-47.2	48.5	67.7	134	0.383	1.0	0.0				
135	128	136	0.366	1.0	0.0	66.1	-48.2	47.5	67.7	135	0.367	1.0	0.0				
136	129	137	0.35	1.0	0.0	65.4	-49.5	46.6	68.1	136	0.35	1.0	0.0				
138	130	138	0.333	1.0	0.0	64.6	-50.9	45.7	68.4	138	0.333	1.0	0.0				
139	131	140	0.316	1.0	0.0	63.8	-52.2	44.7	68.7	139	0.317	1.0	0.0				
140	132	141	0.3	1.0	0.0	63.0	-53.5	43.7	69.1	140	0.3	1.0	0.0				
142	133	142	0.283	1.0	0.0	62.2	-54.7	42.6	69.4	142	0.283	1.0	0.0				
143	134	143	0.266	1.0	0.0	61.4	-56.0	41.5	69.7	143	0.267	1.0	0.0				
144	135	144	0.25	1.0	0.0	60.6	-57.2	40.4	70.1	144	0.25	1.0	0.0				
145	136	145	0.233	1.0	0.0	60.1	-57.9	39.6	70.2	145	0.233	1.0	0.0				
146	137	147	0.216	1.0	0.0	59.6	-58.6	38.9	70.3	146	0.217	1.0	0.0				
147	138	148	0.2	1.0	0.0	59.1	-59.3	38.1	70.5	147	0.2	1.0	0.0				
148	139	149	0.183	1.0	0.0	58.7	-59.9	37.3	70.6	148	0.183	1.0	0.0				
148	140	150	0.166	1.0	0.0	58.2	-60.6	36.4	70.7	148	0.167	1.0	0.0				
149	141	151	0.15	1.0	0.0	57.7	-61.2	35.6	70.9	149	0.15	1.0	0.0				
150	142	152	0.133	1.0	0.0	57.2	-61.9	34.8	71.0	150	0.133	1.0	0.0				
151	143	154	0.116	1.0	0.0	56.8	-62.5	34.1	71.3	151	0.117	1.0	0.0				
151	144	155	0.1	1.0	0.0	56.4	-63.3	33.7	71.7	151	0.1	1.0	0.0				
152	145	156	0.083	1.0	0.0	56.1	-64.0	33.2	72.1	152	0.083	1.0	0.0				
153	146	157	0.066	1.0	0.0	55.7	-64.7	32.8	72.6	153	0.067	1.0	0.0				
153	147	158	0.049	1.0	0.0	55.4	-65.5	32.3	73.0	153	0.05	1.0	0.0				
154	148	159	0.033	1.0	0.0	55.0	-66.2	31.8	73.5	154	0.033	1.0	0.0				
154	149	161	0.016	1.0	0.0	54.7	-66.9	31.3	73.9	154	0.017	1.0	0.0				
155	150	162	0.0	1.0	0.0	54.3	-67.6	30.8	74.3	155	0.0	1.0	0.0				
156	151	163	0.0	1.0	0.016	54.2	-67.5	29.7	73.8	156	0.0	1.0	0.017				
156	152	164	0.0	1.0	0.033	54.2	-67.4	28.6	73.2	156	0.0	1.0	0.033				
157	153	164	0.0	1.0	0.05	54.1	-67.2	27.6	72.7	157	0.0	1.0	0.05				
158	154	165	0.0	1.0	0.066	54.0	-67.1	26.6	72.1	158	0.0	1.0	0.067				
159	155	166	0.0	1.0	0.083	53.9	-66.9	25.5	71.6	159	0.0	1.0	0.083				
159	156	167	0.0	1.0	0.1	53.9	-66.7	24.5	71.1	159	0.0	1.0	0.1				
160	157	168	0.0	1.0	0.116	53.8	-66.5	23.5	70.5	160	0.0	1.0	0.117				
161	158	169	0.0	1.0	0.133	53.8	-66.2	22.3	69.9	161	0.0	1.0	0.133				
162	159	170	0.0	1.0	0.15	53.8	-65.8	20.8	69.1	162	0.0	1.0	0.15				
163	160	171	0.0	1.0	0.166	53.8	-65.5	19.4	68.3	163	0.0	1.0	0.167				
164	161	172	0.0	1.0	0.183	53.8	-65.0	18.1	67.5	164	0.0	1.0	0.183				
165	162	173	0.0	1.0	0.2	53.8	-64.6	16.7	66.7	165	0.0	1.0	0.2				
166	163	174	0.0	1.0	0.216	53.7	-64.1	15.4	66.0	166	0.0	1.0	0.217				
167	164	175	0.0	1.0	0.233	53.7	-63.6	14.1	65.2	167	0.0	1.0	0.233				
168	165	175	0.0	1.0	0.25	53.7	-63.1	12.8	64.4	168	0.0	1.0	0.25				

4-0131130-L0

SI190-71

LAB*la0, YN=0%, XYZnw=3.9, 4.1, 4.1, 84.7, 89.6, 93.9, LAB*nw=23.9, 0.0, 0.0, 95.8, 0.0, 0.0

uscita: Laser printer output; separation cmyn6*, D65, pagina 12/33

grafico TUB-SI19; 1080 colori standard
cerchio delle tinte a 48 passi; $rgb-LabCh^*_{tavole}$, 3D=0, de=

immettere: $rgb/cmyk \rightarrow rgb_e$
trasferire a $cmyk_e$

TUB iscrizione: 20130201-SI19/SI19L0NP.PDF /PS
la domanda per la misura di uscita della stampante laser, separazionecmyn6 (CMYK)

TUB materiale: code=rha4ta

Data of Maximum color M in colorimetric system Laser printer output; 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;

$h_{ab,d}$	$h_{ab,s}$	$h_{ab,e}$	rgb^*_{dd361M}	$LAB^*_{dxx361Mi}$ (x=LabCh)	$rgb^*_{ds361Mi}$	$LAB^*_{dsx361Mi}$ (x=LabCh)	$rgb^*_{dd361Mi}$	$rgb^*_{de361Mi}$	$LAB^*_{dex361Mi}$ (x=LabCh)	$rgb^*_{dd361Mi}$	$rgb^*_{dd361Mi}$	$rgb^*_{ds361Mi}$	$rgb^*_{de361Mi}$
168	165	175	0.0	1.0	0.25	53.7	-63.1	12.8	63.4	168	0.0	1.0	0.25
170	166	176	0.0	1.0	0.266	53.9	-62.4	10.9	64.4	170	0.0	1.0	0.267
171	167	177	0.0	1.0	0.283	54.0	-61.7	9.1	62.4	171	0.0	1.0	0.283
173	168	178	0.0	1.0	0.3	54.1	-60.9	7.3	61.3	173	0.0	1.0	0.3
174	169	179	0.0	1.0	0.316	54.3	-60.1	5.6	60.3	174	0.0	1.0	0.317
176	170	180	0.0	1.0	0.333	54.4	-59.2	3.9	59.3	176	0.0	1.0	0.333
177	171	181	0.0	1.0	0.35	54.5	-58.2	2.3	58.3	177	0.0	1.0	0.35
179	172	182	0.0	1.0	0.366	54.7	-57.3	0.8	57.3	179	0.0	1.0	0.367
180	173	183	0.0	1.0	0.383	54.7	-56.5	-0.6	56.5	180	0.0	1.0	0.383
181	174	184	0.0	1.0	0.4	54.8	-55.8	-1.8	55.9	181	0.0	1.0	0.4
183	175	185	0.0	1.0	0.416	54.8	-55.2	-3.1	55.2	183	0.0	1.0	0.417
184	176	185	0.0	1.0	0.433	54.8	-54.5	-4.3	54.6	184	0.0	1.0	0.433
185	177	186	0.0	1.0	0.45	54.9	-53.7	-5.5	54.0	185	0.0	1.0	0.45
187	178	187	0.0	1.0	0.466	54.9	-53.0	-6.6	53.4	187	0.0	1.0	0.467
188	179	188	0.0	1.0	0.483	55.0	-52.2	-7.8	52.8	188	0.0	1.0	0.483
189	180	189	0.0	1.0	0.5	55.0	-51.4	-8.9	52.2	189	0.0	1.0	0.5
191	181	190	0.0	1.0	0.516	55.0	-50.6	-10.5	51.7	191	0.0	1.0	0.517
193	182	191	0.0	1.0	0.533	55.1	-49.7	-12.1	51.2	193	0.0	1.0	0.533
195	183	192	0.0	1.0	0.55	55.1	-48.8	-13.7	50.7	195	0.0	1.0	0.55
197	184	193	0.0	1.0	0.566	55.2	-47.8	-15.2	50.2	197	0.0	1.0	0.567
199	185	194	0.0	1.0	0.583	55.2	-46.8	-16.6	49.7	199	0.0	1.0	0.583
201	186	195	0.0	1.0	0.6	55.2	-45.8	-18.0	49.2	201	0.0	1.0	0.6
203	187	195	0.0	1.0	0.616	55.3	-44.7	-19.4	48.7	203	0.0	1.0	0.617
205	188	196	0.0	1.0	0.633	55.3	-43.8	-20.5	48.4	205	0.0	1.0	0.633
206	189	197	0.0	1.0	0.65	55.3	-43.3	-21.5	48.3	206	0.0	1.0	0.65
207	190	198	0.0	1.0	0.666	55.3	-42.7	-22.5	48.3	207	0.0	1.0	0.667
209	191	199	0.0	1.0	0.683	55.2	-42.1	-23.4	48.2	209	0.0	1.0	0.683
210	192	200	0.0	1.0	0.7	55.2	-41.5	-24.4	48.1	210	0.0	1.0	0.7
211	193	201	0.0	1.0	0.716	55.2	-40.8	-25.3	48.0	211	0.0	1.0	0.717
213	194	202	0.0	1.0	0.733	55.2	-40.2	-26.2	48.0	213	0.0	1.0	0.733
214	19												

4-0131230-L0	SI190-71	LAB*la0, YN=0%, XYZnw=3.9, 4.1, 4.1, 84.7, 89.6, 93.9, LAB*nw=23.9, 0.0, 0.0, 95.8, 0.0, 0.0
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uscita: Laser printer output; separation cmy6*, D65, pagina 13/36

grafico TUB-SI19; 1080 colori standard
cerchio delle tinte a 48 passi; *rgb-LabC*

immettere: $rgb/cmyk \rightarrow rgb_e$
 = 1,5 cm, trasferire a $cmyk_e$

voile, 3D=0, de=1, scity=1, trasferire a cmyk_e

Data of Maximum color M in colorimetric system Laser printer output; separation cmyn6*, D65 for input or output; Six hue angles of the 60 degree standard colours $RYGBM_6$: $h_{ab,ds} = 30.0, 90.0, 150.0, 210.0, 270.0, 330.0$;
Six hue angles of the device colours $RYGCBM_d$: $h_{ab,d} = 33.5, 100.6, 155.5, 235.2, 290.8, 348.9$; 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: $h_{ab,d} = 33.5, 100.6, 155.5, 235.2, 290.8, 348.9$; Six hue angles of the elementary colours RYGBCM: $h_{ab,e} = 25.5, 92.3, 162.2, 217.0, 271.7, 328.6$																								
$h_{ab,d}$	$h_{ab,s}$	$h_{ab,e}$	rgb^*_{dd361M}	$LAB^*_{dd361Mi}(x=LabCh)$	C_d	$rgb^*_{ds361Mi}$	$LAB^*_{dsx361Mi}(x=LabCh)$	$rgb^*_{dd361Mi}$	$LAB^*_{de361Mi}$	$rgb^*_{dd361Mi}$	$LAB^*_{dex361Mi}(x=LabCh)$	$rgb^*_{dd361Mi}$	rgb^*_{dd}	rgb^*_{ds}	rgb^*_{de}									
235	210	216	0.0	1.0	1.0	53.1	-30.0 -43.1 52.5	235	0.0	1.0	0.694 55.3	-41.6 -24.0 48.2	210	C_s	0.0	1.0	0.792 55.0	-38.6 -29.0 48.4	216	C_e	0.0	1.0	1.0	
235	211	217	0.0	0.983	1.0	53.1	-29.7 -43.3 52.5	235	0.0	1.0	0.707 55.3	-41.2 -24.7 48.1	211	0.0	0.983	1.0	0.807 54.9	-38.3 -29.8 48.6	217	0.0	0.983	1.0		
235	212	218	0.0	0.966	1.0	53.1	-29.4 -43.5 52.5	235	0.0	1.0	0.719 55.3	-40.7 -25.4 48.1	212	0.0	0.967	1.0	0.822 54.8	-37.9 -30.5 48.8	218	0.0	0.967	1.0		
236	213	219	0.0	0.95	1.0	53.1	-29.2 -43.7 52.6	236	0.0	1.0	0.732 55.3	-40.2 -26.1 48.0	213	0.0	0.95	1.0	0.837 54.7	-37.6 -31.2 49.0	219	0.0	0.95	1.0		
236	214	220	0.0	0.933	1.0	53.1	-28.9 -43.9 52.6	236	0.0	1.0	0.744 55.2	-39.7 -26.7 48.0	214	0.0	0.933	1.0	0.853 54.6	-37.2 -31.9 49.2	220	0.0	0.933	1.0		
237	215	221	0.0	0.916	1.0	53.1	-28.6 -44.2 52.6	237	0.0	1.0	0.759 55.2	-39.3 -27.5 48.1	215	0.0	0.917	1.0	0.868 54.5	-36.9 -32.6 49.4	221	0.0	0.917	1.0		
237	216	222	0.0	0.9	1.0	53.1	-28.3 -44.4 52.7	237	0.0	1.0	0.775 55.1	-38.9 -28.3 48.3	216	0.0	0.9	1.0	0.88	54.4	-36.5 -33.4 49.6	222	0.0	0.9	1.0	
237	217	223	0.0	0.883	1.0	53.1	-28.1 -44.6 52.7	237	0.0	1.0	0.792 55.0	-38.6 -29.1 48.5	217	0.0	0.883	1.0	0.888 54.3	-36.1 -34.1 49.8	223	0.0	0.883	1.0		
238	218	224	0.0	0.866	1.0	53.0	-27.8 -44.9 52.8	238	0.0	1.0	0.809 54.9	-38.2 -29.9 48.7	218	0.0	0.867	1.0	0.897 54.2	-35.7 -34.8 50.0	224	0.0	0.867	1.0		
238	219	225	0.0	0.85	1.0	53.0	-27.5 -45.3 53.0	238	0.0	1.0	0.825 54.8	-37.9 -30.6 48.9	219	0.0	0.85	1.0	0.906 54.1	-35.3 -35.5 50.2	225	0.0	0.85	1.0		
239	220	226	0.0	0.833	1.0	53.0	-27.3 -45.6 53.2	239	0.0	1.0	0.842 54.7	-37.5 -31.4 49.1	220	0.0	0.833	1.0	0.914 54.1	-34.9 -36.2 50.4	226	0.0	0.833	1.0		
239	221	227	0.0	0.816	1.0	53.0	-27.0 -46.0 53.4	239	0.0	1.0	0.859 54.6	-37.1 -32.2 49.3	221	0.0	0.817	1.0	0.923 54.0	-34.4 -36.9 50.6	227	0.0	0.817	1.0		
240	222	227	0.0	0.8	1.0	52.9	-26.7 -46.4 53.6	240	0.0	1.0	0.875 54.5	-36.7 -33.0 49.5	222	0.0	0.8	1.0	0.932 53.9	-34.0 -37.6 50.8	227	0.0	0.8	1.0		
240	223	228	0.0	0.783	1.0	52.9	-26.5 -46.8 53.8	240	0.0	1.0	0.885 54.4	-36.2 -33.8 49.7	223	0.0	0.783	1.0	0.94	53.8	-33.5 -38.3 51.1	228	0.0	0.783	1.0	
240	224	229	0.0	0.766	1.0	52.9	-26.2 -47.2 53.9	240	0.0	1.0	0.894 54.3	-35.8 -34.6 49.9	224	0.0	0.767	1.0	0.949 53.7	-33.0 -39.0 51.3	229	0.0	0.767	1.0		
241	225	230	0.0	0.75	1.0	52.9	-25.9 -47.5 54.1	241	0.0	1.0	0.904 54.2	-35.4 -35.4 50.2	225	0.0	0.75	1.0	0.957 53.6	-32.5 -39.7 51.5	230	0.0	0.75	1.0		
242	226	231	0.0	0.733	1.0	52.6	-25.2 -47.8 54.1	242	0.0	1.0	0.913 54.1	-34.9 -36.2 50.4	226	0.0	0.733	1.0	0.966 53.5	-32.0 -40.4 51.7	231	0.0	0.733	1.0		
242	227	232	0.0	0.716	1.0	52.2	-24.5 -48.1 54.0	242	0.0	1.0	0.923 54.0	-34.4 -36.9 50.6	227	0.0	0.717	1.0	0.975 53.4	-31.5 -41.1 51.9	232	0.0	0.717	1.0		
243	228	233	0.0	0.7	1.0	51.9	-23.9 -48.4 54.0	243	0.0	1.0	0.932 53.9	-33.9 -37.7 50.9	228	0.0	0.7	1.0	0.983 53.3	-31.0 -41.7 52.1	233	0.0	0.7	1.0		
244	229	234	0.0	0.683	1.0	51.6	-23.2 -48.6 53.9	244	0.0	1.0	0.942 53.8	-33.4 -38.5 51.1	229	0.0	0.683	1.0	0.992 53.2	-30.4 -42.4 52.3	234	0.0	0.683	1.0		
245	230	235	0.0	0.666	1.0	51.3	-22.5 -48.9 53.8	245	0.0	1.0	0.951 53.7	-32.9 -39.2 51.3	230	0.0	0.667	1.0	0.997 1.0	53.1	-29.9 -43.1 52.5	235	0.0	0.667	1.0	
246	231	236	0.0	0.65	1.0	51.0	-21.8 -49.1 53.8	246	0.0	1.0	0.961 53.6	-32.3 -40.0 51.6	231	0.0	0.65	1.0	0.956 1.0	53.1	-29.2 -43.6 52.6	236	0.0	0.65	1.0	
246	232	237	0.0	0.633	1.0	50.7	-21.1 -49.4 53.7	246	0.0	1.0	0.97	53.5	-31.8 -40.7 51.8	232	0.0	0.633	1.0	0.916 1.0	53.1	-28.6 -44.1 52.7	237	0.0	0.633	1.0
247	233	237	0.0	0.616	1.0	50.2	-20.2 -49.5 53.5	247	0.0	1.0	0.98	53.4	-31.2 -41.5 52.0	233	0.0	0.617	1.0	0.876 1.0	53.1	-27.9 -44.6 52.8	237	0.0	0.617	1.0
248	234	238	0.0	0.6	1.0	49.7	-19.2 -49.6 53.2	248	0.0	1.0	0.989 53.2	-30.6 -42.2 52.3	234	0.0	0.6	1.0	0.842 1.0	53.1	-27.4 -45.4 53.1	238	0.0	0.6	1.0	
249	235	239	0.0	0.583	1.0	49.1	-18.2 -49.6 52.8	249	0.0	1.0	0.999 53.1	-30.0 -42.9 52.5	235	0.0	0.583	1.0	0.809 1.0	53.0	-26.8 -46.2 53.5	239	0.0	0.583	1.0	
250	236	240	0.0	0.566	1.0	48.5	-17.2 -49.6 52.5	250	0.0	0.963	1.0	53.1	-29.3 -43.5 52.6	236	0.0	0.567	1.0	0.775 1.0	53.0	-26.3 -46.9 53.9	240	0.0	0.567	1.0
251	237	241	0.0	0.55	1.0	47.9	-16.2 -49.5 52.2	251	0.0	0.918	1.0	53.1	-28.6 -44.1 52.7	237	0.0	0.55	1.0	0.745 1.0	52.8	-25.6 -47.6 54.2	241	0.0	0.55	1.0
252	238	242	0.0	0.533	1.0	47.3	-15.2 -49.5 51.8	252	0.0	0.874	1.0	53.1	-27.9 -44.7 52.8	238	0.0	0.533	1.0	0.726 1.0	52.5	-24.9 -47.9 54.1	242	0.0	0.533	1.0
253	239	243	0.0	0.516	1.0	46.7	-14.3 -49.4 51.5	253	0.0	0.838	1.0	53.0	-27.3 -45.5 53.2	239	0.0	0.517	1.0	0.706 1.0	52.1	-24.1 -48.2 54.0	243	0.0	0.517	1.0
254	240	244	0.0	0.5	1.0	46.1	-13.3 -49.4 51.1	254	0.0	0.801	1.0	53.0	-26.7 -46.3 53.6	240	0.0	0.5	1.0	0.686 1.0	51.7	-23.3 -48.5 54.0	244	0.0	0.5	1.0
255	241	245	0.0	0.483	1.0	45.5	-12.3 -49.4 50.9	255	0.0	0.764	1.0	52.9	-26.1 -47.2 54.0	241	0.0	0.483	1.0	0.667 1.0	51.4	-22.4 -48.8 53.9	245	0.0	0.483	1.0
256	242	246	0.0	0.466	1.0	44.8	-11.4 -49.4 50.7	256	0.0	0.737	1.0	52.7	-25.3 -47.7 54.1	242	0.0	0.467	1.0	0.647 1.0	51.0	-21.6 -49.1 53.8	246	0.0	0.467	1.0
258	243	247	0.0	0.45	1.0	44.2	-10.5 -49.4 50.5	258	0.0	0.716	1.0	52.3	-24.4 -48.1 54.1	243	0.0	0.45	1.0	0.628 1.0	50.6	-20.8 -49.4 53.8	247	0.0	0.45	1.0
259	244	248	0.0	0.433	1.0	43.6	-9.5 -49.4 50.3	259	0.0	0.694	1.0	51.9	-23.6 -48.4 54.0	244	0.0	0.433	1.0	0.612 1.0	50.1	-19.9 -49.5 53.5	248	0.0	0.433	1.0
260	245	248	0.0	0.416	1.0	42.9	-8.6 -49.4 50.1	260	0.0	0.673	1.0	51.5	-22.7 -48.8 53.9	245	0.0	0.417	1.0	0.597 1.0	49.6	-19.0 -49.5 53.2	248	0.0	0.417	1.0
261	246	249	0.0	0.4	1.0	42.3	-7.7 -49.3 49.9	261	0.0	0.651	1.0	51.1	-21.8 -49.1 53.8	246	0.0	0.4	1.0	0.582 1.0	49.1	-18.1 -49.5 52.9	249	0.0	0.4	1.0
262	247	250	0.0	0.383	1.0	41.7	-6.8 -49.3 49.7	262	0.0	0.63	1.0	50.7	-20.9 -49.4 53.8	247	0.0	0.383	1.0	0.568 1.0	48.6	-17.2 -49.5 52.6	250	0.0	0.383	1.0
263	248	251	0.0	0.366	1.0	41.1	-5.7 -49.2 49.6	263	0.0	0.612	1.0	50.1	-19.9 -49.5 53.5	248	0.0	0.367	1.0	0.553 1.0	48.0	-16.3 -49.5 52.3	251	0.0	0.367	1.0
264	249	252	0.0	0.35	1.0	40.5	-4.6 -49.2 49.4	264	0.0	0.596	1.0	49.6	-18.9 -49.5 53.1	249	0.0	0.35	1.0	0.538 1.0	47.5	-15.5 -49.5 52.0	252	0.0	0.35	1.0
265	250	253	0.0	0.333	1.0	39.9	-3.4 -49.2 49.3	265	0.0	0.58	1.0	49.0	-18.0 -49.5 52.8	250	0.0	0.333	1.0	0.523 1.0	47.0	-14.6 -49.4 51.6	253	0.0	0.333	

4-0131330-L0 SI190-71 LAB*ta, YN=0%, XYZnw=3.9, 4.1, 4.1, 84.7, 89.6, 93.9, LAB*nw=23.9, 0.0, 0.0, 95.8, 0.0, 0.0

uscita: Laser printer output; separation cmyn6*, D65, pagina 14/33

grafico TUB-SI19; 1080 colori standard
cerchio delle tinte a 48 passi; $rgb-LabCh$ *tavole, 3D=0, de=

immettere: $rgb/cmyk \rightarrow rgb_e$
trasferire a $cmyk_e$

Data of Maximum color M in colorimetric system Laser printer output; separation cmyn6*, D65 for input or output; Six hue angles of the 60 degree standard colours RYGBM _s : 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} = 33.5, 100.6, 155.5, 235.2, 290.8, 348.9; Six hue angles of the elementary colours RYGBM _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}	dex361Mi (x=LabCh)	rgb* _{dd361Mi}	LAB* _{de361Mi}	dex361Mi (x=LabCh)	rgb* _{dd361Mi}	LAB* _{de361Mi}	dex361Mi (x=LabCh)	rgb* _{dd361Mi}	LAB* _{de361Mi}	dex361Mi (x=LabCh)	rgb* _{dd361Mi}													
272	255	258	0.0	0.25	1.0	36.8	2.2	-48.5	48.6	272	0.0	0.499	1.0	46.1	-13.1	-49.3	51.2	255	0.0	0.25	1.0	0.0	0.435	1.0	43.7	-9.5	-49.4	50.4	258	0.0	0.233	1.0
273	256	258	0.0	0.233	1.0	36.6	3.2	-48.3	48.4	273	0.0	0.482	1.0	45.5	-12.2	-49.4	51.0	256	0.0	0.233	1.0	0.0	0.435	1.0	43.7	-9.5	-49.4	50.4	258	0.0	0.233	1.0
274	257	259	0.0	0.216	1.0	36.4	4.1	-48.0	48.2	274	0.0	0.466	1.0	44.9	-11.3	-49.4	50.8	257	0.0	0.217	1.0	0.0	0.42	1.0	43.1	-8.7	-49.3	50.2	259	0.0	0.217	1.0
276	258	260	0.0	0.2	1.0	36.1	5.1	-47.8	48.1	276	0.0	0.45	1.0	44.3	-10.4	-49.4	50.6	258	0.0	0.2	1.0	0.0	0.405	1.0	42.6	-7.9	-49.3	50.0	260	0.0	0.2	1.0
277	259	261	0.0	0.183	1.0	35.9	6.1	-47.5	47.9	277	0.0	0.434	1.0	43.7	-9.5	-49.4	50.4	259	0.0	0.183	1.0	0.0	0.39	1.0	42.0	-7.1	-49.3	49.9	261	0.0	0.183	1.0
278	260	262	0.0	0.166	1.0	35.6	7.0	-47.2	47.7	278	0.0	0.418	1.0	43.0	-8.6	-49.3	50.2	260	0.0	0.167	1.0	0.0	0.376	1.0	41.4	-6.3	-49.2	49.7	262	0.0	0.167	1.0
279	261	263	0.0	0.15	1.0	35.4	8.0	-46.9	47.5	279	0.0	0.402	1.0	42.4	-7.7	-49.3	50.0	261	0.0	0.15	1.0	0.0	0.364	1.0	41.0	-5.5	-49.2	49.6	263	0.0	0.15	1.0
280	262	264	0.0	0.133	1.0	35.2	8.9	-46.5	47.4	280	0.0	0.386	1.0	41.8	-6.8	-49.2	49.8	262	0.0	0.133	1.0	0.0	0.353	1.0	40.6	-4.7	-49.2	49.5	264	0.0	0.133	1.0
282	263	265	0.0	0.116	1.0	34.9	9.9	-46.3	47.3	282	0.0	0.371	1.0	41.3	-6.0	-49.2	49.7	263	0.0	0.117	1.0	0.0	0.341	1.0	40.2	-3.9	-49.1	49.4	265	0.0	0.117	1.0
283	264	266	0.0	0.1	1.0	34.5	10.9	-46.1	47.4	283	0.0	0.358	1.0	40.8	-5.1	-49.2	49.5	264	0.0	0.1	1.0	0.0	0.33	1.0	39.8	-3.1	-49.1	49.3	266	0.0	0.1	1.0
284	265	267	0.0	0.083	1.0	34.2	11.9	-45.9	47.4	284	0.0	0.346	1.0	40.4	-4.2	-49.2	49.4	265	0.0	0.083	1.0	0.0	0.318	1.0	39.4	-2.3	-49.0	49.2	267	0.0	0.083	1.0
285	266	268	0.0	0.066	1.0	33.9	12.9	-45.7	47.5	285	0.0	0.333	1.0	39.9	-3.3	-49.1	49.3	266	0.0	0.067	1.0	0.0	0.307	1.0	39.0	-1.5	-49.0	49.1	268	0.0	0.067	1.0
287	267	269	0.0	0.049	1.0	33.5	13.9	-45.4	47.5	287	0.0	0.321	1.0	39.5	-2.5	-49.1	49.2	267	0.0	0.05	1.0	0.0	0.296	1.0	38.5	-0.8	-48.9	49.0	269	0.0	0.05	1.0
288	268	269	0.0	0.033	1.0	33.2	14.9	-45.2	47.6	288	0.0	0.308	1.0	39.0	-1.6	-49.0	49.1	268	0.0	0.033	1.0	0.0	0.284	1.0	38.1	0.0	-48.8	48.9	269	0.0	0.033	1.0
289	269	270	0.0	0.016	1.0	32.9	15.9	-44.9	47.6	289	0.0	0.296	1.0	38.5	-0.8	-48.9	49.0	269	0.0	0.017	1.0	0.0	0.273	1.0	37.7	0.7	-48.7	48.8	270	0.0	0.017	1.0
290	270	271	0.0	0.0	1.0	32.5	16.9	-44.6	47.7	290	0.0	0.283	1.0	38.1	0.0	-48.8	48.9	270	0.0	0.0	1.0	0.0	0.261	1.0	37.3	1.5	-48.6	48.7	271	0.0	0.0	1.0
291	271	272	0.016	0.0	1.0	32.4	17.8	-44.3	47.8	291	0.0	0.27	1.0	37.6	0.9	-48.7	48.8	271	0.017	0.0	1.0	0.0	0.249	1.0	36.9	2.3	-48.5	48.6	272	0.017	0.0	1.0
293	272	273	0.033	0.0	1.0	32.3	18.7	-44.0	47.9	293	0.0	0.258	1.0	37.2	1.7	-48.6	48.7	272	0.033	0.0	1.0	0.0	0.236	1.0	36.7	3.1	-48.3	48.5	273	0.033	0.0	1.0
294	273	274	0.05	0.0	1.0	32.1	19.6	-43.7	47.9	294	0.0	0.245	1.0	36.8	2.5	-48.4	48.6	273	0.05	0.0	1.0	0.0	0.222	1.0	36.5	3.9	-48.1	48.3	274	0.05	0.0	1.0
295	274	275	0.066	0.0	1.0	32.0	20.5	-43.4	48.0	295	0.0	0.231	1.0	36.6	3.4	-48.2	48.4	274	0.067	0.0	1.0	0.0	0.209	1.0	36.3	4.6	-47.9	48.2	275	0.067	0.0	1.0
296	275	276	0.083	0.0	1.0	31.9	21.4	-43.1	48.1	296	0.0	0.217	1.0	36.4	4.2	-48.0	48.3	275	0.083	0.0	1.0	0.0	0.196	1.0	36.1	5.4	-47.7	48.1	276	0.083	0.0	1.0
297	276	277	0.1	0.0	1.0	31.8	22.3	-42.7	48.2	297	0.0	0.202	1.0	36.2	5.0	-47.8	48.1	276	0.1	0.0	1.0	0.0	0.182	1.0	35.9	6.2	-47.4	47.9	277	0.1	0.0	1.0
298	277	278	0.116	0.0	1.0	31.6	23.1	-42.4	48.3	298	0.0	0.188	1.0	36.0	5.8	-47.5	48.0	277	0.117	0.0	1.0	0.0	0.169	1.0	35.7	7.0	-47.2	47.8	278	0.117	0.0	1.0
299	278	279	0.133	0.0	1.0	31.5	24.1	-42.0	48.4	299	0.0	0.174	1.0	35.8	6.7	-47.3	47.8	278	0.133	0.0	1.0	0.0	0.155	1.0	35.5	7.7	-46.9	47.6	279	0.133	0.0	1.0
300	279	280	0.15	0.0	1.0	31.4	25.0	-41.7	48.6	300	0.0	0.16	1.0	35.6	7.5	-47.0	47.7	279	0.15	0.0	1.0	0.0	0.142	1.0	35.3	8.5	-46.6	47.5	280	0.15	0.0	1.0
302	280	281	0.166	0.0	1.0	31.4	25.9	-41.4	48.8	302	0.0	0.146	1.0	35.4	8.3	-46.7	47.5	280	0.167	0.0	1.0	0.0	0.129	1.0	35.1	9.2	-46.4	47.4	281	0.167	0.0	1.0
303	281	282	0.183	0.0	1.0	31.3	26.8	-41.0	49.0	303	0.0	0.132	1.0	35.2	9.0	-46.4	47.4	281	0.183	0.0	1.0	0.0	0.116	1.0	34.9	10.0	-46.2	47.4	282	0.183	0.0	1.0
304	282	283	0.2	0.0	1.0	31.2	27.8	-40.6	49.2	304	0.0	0.118	1.0	34.9	9.8	-46.2	47.4	282	0.2	0.0	1.0	0.0	0.103	1.0	34.6	10.8	-46.1	47.4	283	0.2	0.0	1.0
305	283	284	0.216	0.0	1.0	31.1	28.7	-40.2	49.4	305	0.0	0.104	1.0	34.7	10.7	-46.1	47.4	283	0.217	0.0	1.0	0.0	0.09	1.0	34.4	11.5	-45.9	47.4	284	0.217	0.0	1.0
306	284	285	0.233	0.0	1.0	31.1	29.6	-39.8	49.6	306	0.0	0.091	1.0	34.4	11.5	-45.9	47.4	284	0.233	0.0	1.0	0.0	0.078	1.0	34.1	12.3	-45.8	47.5	285	0.233	0.0	1.0
307	285	286	0.25	0.0	1.0	31.0	30.5	-39.3	49.8	307	0.0	0.078	1.0	34.1	12.3	-45.8	47.5	285	0.25	0.0	1.0	0.0	0.065	1.0	33.9	13.1	-45.6	47.5	286	0.25	0.0	1.0
309	286	287	0.266	0.0	1.0	31.4	31.6	-38.8	50.1	309	0.0	0.064	1.0	33.9	13.1	-45.6	47.5	286	0.267	0.0	1.0	0.0	0.052	1.0	33.6	13.8	-45.4	47.6	287	0.267	0.0	1.0
310	287	287	0.283	0.0	1.0	31.8	32.6	-38.3	50.3	310	0.0	0.051	1.0	33.6	13.9	-45.4	47.6	287	0.283	0.0	1.0	0.0	0.04	1.0	33.4	14.6	-45.2	47.6	287	0.283	0.0	1.0
311	288	288	0.3	0.0	1.0	32.3	33.6	-37.8	50.6	311	0.0	0.038	1.0	33.3	14.7	-45.2	47.6	288	0.3	0.0	1.0	0.0	0.027	1.0	33.1	15.4	-45.0	47.6	288	0.3	0.0	1.0
312	289	289	0.316	0.0	1.0	32.7	34.7	-37.2	50.9	312	0.0	0.024	1.0	33.1	15.5	-44.9	47.6	289	0.317	0.0	1.0	0.0	0.014	1.0	32.9	16.1	-44.8	47.7	289	0.317	0.0	1.0
314	290	290	0.333	0.0	1.0	33.1	35.7	-36.6	51.2	314	0.0	0.011	1.0	32.8	16.3	-44.7	47.7	290	0.333	0.0	1.0	0.0	0.001	1.0	32.6	16.9	-44.5	47.7	290	0.333	0.0	1.0
315	291	291	0.35	0.0	1.0	33.6	36.7	-36.0	51.4	315	0.003	0.0	1.0	32.5	17.1	-44.5	47.7	291	0.35	0.0	1.0	0.012	0.0	1.0	32.5	17.6	-44.3	47.8	291	0.35	0.0	1.0
316	292	292	0.366	0.0	1.0	34.0	37.7	-35.3	51.7	316	0.018	0.0	1.0	32.4	17.9	-44.2	47.8	292	0.367	0.0	1.0	0.026	0.0	1.0	32.4	18.4	-44.1	47.9	292	0.367	0.0	1.0
317	293	293	0.383	0.0	1.0	34.4	38.5	-34.7	51.9	317	0.033	0.0	1.0	32.3	18.7	-44.0	47.9	293	0.383	0.0	1.0	0.041	0.0	1.0	32.3	19.1	-43.9	47.9	293	0.383	0.0	1.0
318	294	294	0.4	0.0	1.0	34.8	39.2	-34.2	52.1	318	0.047	0.0	1.0	32.2	19.5	-43.7	48.0	294	0.4	0.0	1.0	0.055	0.0	1.0	32.1	19.9	-43.6	48.0	294	0.4	0.0	1.0
319	295	295	0.416</																													

Data of Maximum color M in colorimetric system Laser printer output; separation cmyn6*, D65 for input or output; Six hue angles of the 60 degree standard colours RYGBM _s : 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} = 33.5, 100.6, 155.5, 235.2, 290.8, 348.9; Six hue angles of the elementary colours RYGBM _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}		rgb* _{de361Mi}		LAB* _{dex361Mi} (x=LabCh)		rgb* _{dd361Mi}		rgb* _{dd}													
324	300	300	0.5	0.0	1.0	37.2	43.1	-30.8	53.0	324	0.136	0.0	1.0	31.6	24.3	-41.9	48.5	300	0.5	0.0	1.0	0.139	0.0	1.0	31.5	24.4	-41.9	48.6	300	0.5	0.0	1.0
325	301	301	0.516	0.0	1.0	37.4	43.8	-30.4	53.4	325	0.151	0.0	1.0	31.5	25.1	-41.6	48.7	301	0.517	0.0	1.0	0.153	0.0	1.0	31.5	25.2	-41.6	48.7	301	0.517	0.0	1.0
326	302	302	0.533	0.0	1.0	37.7	44.5	-29.9	53.7	326	0.165	0.0	1.0	31.4	25.9	-41.3	48.9	302	0.533	0.0	1.0	0.166	0.0	1.0	31.4	26.0	-41.3	48.9	302	0.533	0.0	1.0
326	303	303	0.55	0.0	1.0	37.9	45.3	-29.5	54.0	326	0.18	0.0	1.0	31.4	26.7	-41.0	49.0	303	0.55	0.0	1.0	0.18	0.0	1.0	31.4	26.7	-41.0	49.0	303	0.55	0.0	1.0
327	304	303	0.566	0.0	1.0	38.2	46.0	-29.0	54.4	327	0.194	0.0	1.0	31.3	27.5	-40.7	49.2	304	0.567	0.0	1.0	0.194	0.0	1.0	31.3	27.5	-40.7	49.2	303	0.567	0.0	1.0
328	305	304	0.583	0.0	1.0	38.4	46.7	-28.5	54.7	328	0.209	0.0	1.0	31.2	28.3	-40.3	49.4	305	0.583	0.0	1.0	0.208	0.0	1.0	31.2	28.3	-40.4	49.4	304	0.583	0.0	1.0
329	306	305	0.6	0.0	1.0	38.7	47.4	-28.0	55.1	329	0.224	0.0	1.0	31.1	29.1	-40.0	49.5	306	0.6	0.0	1.0	0.222	0.0	1.0	31.2	29.0	-40.0	49.5	305	0.6	0.0	1.0
330	307	306	0.616	0.0	1.0	38.9	48.1	-27.5	55.4	330	0.238	0.0	1.0	31.1	29.9	-39.6	49.7	307	0.617	0.0	1.0	0.235	0.0	1.0	31.1	29.8	-39.7	49.7	306	0.617	0.0	1.0
331	308	307	0.633	0.0	1.0	39.2	48.9	-26.9	55.8	331	0.252	0.0	1.0	31.1	30.7	-39.2	49.9	308	0.633	0.0	1.0	0.249	0.0	1.0	31.0	30.5	-39.3	49.8	307	0.633	0.0	1.0
332	309	308	0.65	0.0	1.0	39.6	49.8	-26.2	56.3	332	0.265	0.0	1.0	31.4	31.5	-38.8	50.1	309	0.65	0.0	1.0	0.261	0.0	1.0	31.3	31.3	-39.0	50.0	308	0.65	0.0	1.0
333	310	309	0.666	0.0	1.0	40.0	50.7	-25.4	56.8	333	0.278	0.0	1.0	31.8	32.3	-38.4	50.3	310	0.667	0.0	1.0	0.274	0.0	1.0	31.6	32.1	-38.6	50.2	309	0.667	0.0	1.0
334	311	310	0.683	0.0	1.0	40.4	51.6	-24.7	57.2	334	0.291	0.0	1.0	32.1	33.1	-38.0	50.5	311	0.683	0.0	1.0	0.286	0.0	1.0	32.0	32.8	-38.2	50.4	310	0.683	0.0	1.0
335	312	311	0.7	0.0	1.0	40.7	52.5	-23.9	57.7	335	0.304	0.0	1.0	32.4	33.9	-37.6	50.7	312	0.7	0.0	1.0	0.298	0.0	1.0	32.3	33.6	-37.8	50.6	311	0.7	0.0	1.0
336	313	312	0.716	0.0	1.0	41.1	53.4	-23.1	58.2	336	0.317	0.0	1.0	32.8	34.7	-37.2	50.9	313	0.717	0.0	1.0	0.31	0.0	1.0	32.6	34.3	-37.4	50.8	312	0.717	0.0	1.0
337	314	313	0.733	0.0	1.0	41.5	54.3	-22.3	58.7	337	0.33	0.0	1.0	33.1	35.5	-36.7	51.1	314	0.733	0.0	1.0	0.323	0.0	1.0	32.9	35.1	-37.0	51.0	313	0.733	0.0	1.0
338	315	314	0.75	0.0	1.0	41.8	55.1	-21.4	59.1	338	0.343	0.0	1.0	33.4	36.3	-36.2	51.4	315	0.75	0.0	1.0	0.335	0.0	1.0	33.2	35.8	-36.5	51.2	314	0.75	0.0	1.0
339	316	315	0.766	0.0	1.0	42.4	55.8	-20.9	59.6	339	0.356	0.0	1.0	33.8	37.1	-35.7	51.6	316	0.767	0.0	1.0	0.347	0.0	1.0	33.5	36.6	-36.0	51.4	315	0.767	0.0	1.0
340	317	316	0.783	0.0	1.0	42.9	56.5	-20.4	60.1	340	0.368	0.0	1.0	34.1	37.9	-35.2	51.8	317	0.783	0.0	1.0	0.359	0.0	1.0	33.9	37.3	-35.6	51.6	316	0.783	0.0	1.0
340	318	317	0.8	0.0	1.0	43.4	57.2	-19.8	60.5	340	0.384	0.0	1.0	34.5	38.6	-34.7	52.0	318	0.8	0.0	1.0	0.371	0.0	1.0	34.2	38.0	-35.1	51.8	317	0.8	0.0	1.0
341	319	318	0.816	0.0	1.0	43.9	57.8	-19.3	61.0	341	0.402	0.0	1.0	34.9	39.3	-34.1	52.1	319	0.817	0.0	1.0	0.387	0.0	1.0	34.6	38.8	-34.6	52.0	318	0.817	0.0	1.0
342	320	319	0.833	0.0	1.0	44.4	58.5	-18.7	61.4	342	0.42	0.0	1.0	35.3	40.1	-33.5	52.3	320	0.833	0.0	1.0	0.404	0.0	1.0	35.0	39.4	-34.0	52.2	319	0.833	0.0	1.0
342	321	320	0.85	0.0	1.0	44.9	59.1	-18.2	61.9	342	0.438	0.0	1.0	35.8	40.8	-32.9	52.5	321	0.85	0.0	1.0	0.421	0.0	1.0	35.4	40.1	-33.5	52.3	320	0.85	0.0	1.0
343	322	321	0.866	0.0	1.0	45.4	59.8	-17.6	62.3	343	0.456	0.0	1.0	36.2	41.5	-32.3	52.7	322	0.867	0.0	1.0	0.439	0.0	1.0	35.8	40.8	-32.9	52.5	321	0.867	0.0	1.0
344	323	321	0.883	0.0	1.0	45.8	60.5	-17.0	62.8	344	0.474	0.0	1.0	36.6	42.2	-31.7	52.8	323	0.883	0.0	1.0	0.456	0.0	1.0	36.2	41.5	-32.3	52.6	321	0.883	0.0	1.0
344	324	322	0.9	0.0	1.0	46.1	61.2	-16.4	63.4	344	0.492	0.0	1.0	37.1	42.9	-31.1	53.0	324	0.9	0.0	1.0	0.473	0.0	1.0	36.6	42.1	-31.7	52.8	322	0.9	0.0	1.0
345	325	323	0.916	0.0	1.0	46.5	61.9	-15.9	63.9	345	0.512	0.0	1.0	37.4	43.7	-30.5	53.3	325	0.917	0.0	1.0	0.49	0.0	1.0	37.0	42.8	-31.1	53.0	323	0.917	0.0	1.0
346	326	324	0.933	0.0	1.0	46.8	62.6	-15.3	64.5	346	0.532	0.0	1.0	37.7	44.5	-29.9	53.7	326	0.933	0.0	1.0	0.508	0.0	1.0	37.4	43.5	-30.6	53.2	324	0.933	0.0	1.0
346	327	325	0.95	0.0	1.0	47.1	63.3	-14.6	65.0	346	0.552	0.0	1.0	38.0	45.4	-29.4	54.1	327	0.95	0.0	1.0	0.527	0.0	1.0	37.6	44.3	-30.1	53.6	325	0.95	0.0	1.0
347	328	326	0.966	0.0	1.0	47.5	64.0	-14.0	65.5	347	0.572	0.0	1.0	38.3	46.2	-28.8	54.5	328	0.967	0.0	1.0	0.546	0.0	1.0	37.9	45.1	-29.5	54.0	326	0.967	0.0	1.0
348	329	327	0.983	0.0	1.0	47.8	64.7	-13.4	66.1	348	0.592	0.0	1.0	38.6	47.1	-28.2	54.9	329	0.983	0.0	1.0	0.565	0.0	1.0	38.2	46.0	-29.0	54.4	327	0.983	0.0	1.0
348	330	328	1.0	0.0	1.0	48.1	65.4	-12.7	66.6	348	M _d 0.612	0.0	1.0	38.9	47.9	-27.6	55.4	330	M _s 1.0	0.0	1.0	0.584	0.0	1.0	38.5	46.8	-28.4	54.8	328	M _e 1.0	0.0	1.0
349	331	329	1.0	0.0	0.983	48.3	65.5	-12.5	66.7	349	0.631	0.0	1.0	39.2	48.8	-26.9	55.8	331	1.0	0.0	0.983	0.603	0.0	1.0	38.8	47.6	-27.9	55.2	329	1.0	0.0	0.983
349	332	330	1.0	0.0	0.966	48.5	65.6	-12.2	66.7	349	0.646	0.0	1.0	39.6	49.6	-26.3	56.2	332	1.0	0.0	0.967	0.623	0.0	1.0	39.1	48.4	-27.3	55.6	330	1.0	0.0	0.967
349	333	331	1.0	0.0	0.95	48.7	65.7	-11.9	66.8	349	0.662	0.0	1.0	39.9	50.5	-25.6	56.7															

Data of Maximum color M in colorimetric system Laser printer output; separation cmyn6*, D65 for input or output; Six hue angles of the 60 degree standard colours $RYGBM_{ds}$: $h_{ab,ds} = 30.0, 90.0, 150.0, 210.0, 270.0, 330.0$; Six hue angles of the device colours $RYGBM_d$: $h_{ab,d} = 33.5, 100.6, 155.5, 235.2, 290.8, 348.9$; Six hue angles of the elementary colours $RYGBM_e$: $h_{ab,e} = 25.5, 92.3, 162.2, 217.0, 271.7, 328.6$

LAB* angles of the device colours R100, R101, R102, R103, R104, R105, R106, R107, R108, R109, R110, R111, R112, R113, R114, R115, R116, R117, R118, R119, R120, R121, R122, R123, R124, R125, R126, R127, R128, R129, R130, R131, R132, R133, R134, R135, R136, R137, R138, R139, R140, R141, R142, R143, R144, R145, R146, R147, R148, R149, R150, R151, R152, R153, R154, R155, R156, R157, R158, R159, R160, R161, R162, R163, R164, R165, R166, R167, R168, R169, R170, R171, R172, R173, R174, R175, R176, R177, R178, R179, R180, R181, R182, R183, R184, R185, R186, R187, R188, R189, R190, R191, R192, R193, R194, R195, R196, R197, R198, R199, R200, R201, R202, R203, R204, R205, R206, R207, R208, R209, R210, R211, R212, R213, R214, R215, R216, R217, R218, R219, R220, R221, R222, R223, R224, R225, R226, R227, R228, R229, R230, R231, R232, R233, R234, R235, R236, R237, R238, R239, R240, R241, R242, R243, R244, R245, R246, R247, R248, R249, R250, R251, R252, R253, R254, R255, R256, R257, R258, R259, R260, R261, R262, R263, R264, R265, R266, R267, R268, R269, R270, R271, R272, R273, R274, R275, R276, R277, R278, R279, R280, R281, R282, R283, R284, R285, R286, R287, R288, R289, R290, R291, R292, R293, R294, R295, R296, R297, R298, R299, R300, R301, R302, R303, R304, R305, R306, R307, R308, R309, R310, R311, R312, R313, R314, R315, R316, R317, R318, R319, R320, R321, R322, R323, R324, R325, R326, R327, R328, R329, R330, R331, R332, R333, R334, R335, R336, R337, R338, R339, R340, R341, R342, R343, R344, R345, R346, R347, R348, R349, R350, R351, R352, R353, R354, R355, R356, R357, R358, R359, R360, R361, R362, R363, R364, R365, R366, R367, R368, R369, R370, R371, R372, R373, R374, R375, R376, R377, R378, R379, R380, R381, R382, R383, R384, R385, R386, R387, R388, R389, R390, R391, R392, R393, R394, R395, R396, R397, R398, R399, R400, R401, R402, R403, R404, R405, R406, R407, R408, R409, R410, R411, R412, R413, R414, R415, R416, R417, R418, R419, R420, R421, R422, R423, R424, R425, R426, R427, R428, R429, R430, R431, R432, R433, R434, R435, R436, R437, R438, R439, R440, R441, R442, R443, R444, R445, R446, R447, R448, R449, R450, R451, R452, R453, R454, R455, R456, R457, R458, R459, R460, R461, R462, R463, R464, R465, R466, R467, R468, R469, R470, R471, R472, R473, R474, R475, R476, R477, R478, R479, R480, R481, R482, R483, R484, R485, R486, R487, R488, R489, R490, R491, R492, R493, R494, R495, R496, R497, R498, R499, R500, R501, R502, R503, R504, R505, R506, R507, R508, R509, R510, R511, R512, R513, R514, R515, R516, R517, R518, R519, R520, R521, R522, R523, R524, R525, R526, R527, R528, R529, R530, R531, R532, R533, R534, R535, R536, R537, R538, R539, R540, R541, R542, R543, R544, R545, R546, R547, R548, R549, R550, R551, R552, R553, R554, R555, R556, R557, R558, R559, R560, R561, R562, R563, R564, R565, R566, R567, R568, R569, R570, R571, R572, R573, R574, R575, R576, R577, R578, R579, R580, R581, R582, R583, R584, R585, R586, R587, R588, R589, R590, R591, R592, R593, R594, R595, R596, R597, R598, R599, R600, R601, R602, R603, R604, R605, R606, R607, R608, R609, R610, R611, R612, R613, R614, R615, R616, R617, R618, R619, R620, R621, R622, R623, R624, R625, R626, R627, R628, R629, R630, R631, R632, R633, R634, R635, R636, R637, R638, R639, R640, R641, R642, R643, R644, R645, R646, R647, R648, R649, R650, R651, R652, R653, R654, R655, R656, R657, R658, R659, R660, R661, R662, R663, R664, R665, R666, R667, R668, R669, R670, R671, R672, R673, R674, R675, R676, R677, R678, R679, R680, R681, R682, R683, R684, R685, R686, R687, R688, R689, R690, R691, R692, R693, R694, R695, R696, R697, R698, R699, R700, R701, R702, R703, R704, R705, R706, R707, R708, R709, R710, R711, R712, R713, R714, R715, R716, R717, R718, R719, R720, R721, R722, R723, R724, R725, R726, R727, R728, R729, R730, R731, R732, R733, R734, R735, R736, R737, R738, R739, R740, R741, R742, R743, R744, R745, R746, R747, R748, R749, R750, R751, R752, R753, R754, R755, R756, R757, R758, R759, R760, R761, R762, R763, R764, R765, R766, R767, R768, R769, R770, R771, R772, R773, R774, R775, R776, R777, R778, R779, R780, R781, R782, R783, R784, R785, R786, R787, R788, R789, R790, R791, R792, R793, R794, R795, R796, R797, R798, R799, R800, R801, R802, R803, R804, R805, R806, R807, R808, R809, R810, R811, R812, R813, R814, R815, R816, R817, R818, R819, R820, R821, R822, R823, R824, R825, R826, R827, R828, R829, R830, R831, R832, R833, R834, R835, R836, R837, R838, R839, R840, R841, R842, R843, R844, R845, R846, R847, R848, R849, R850, R851, R852, R853, R854, R855, R856, R857, R858, R859, R860, R861, R862, R863, R864, R865, R866, R867, R868, R869, R870, R871, R872, R873, R874, R875, R876, R877, R878, R879, R880, R881, R882, R883, R884, R885, R886, R887, R888, R889, R890, R891, R892, R893, R894, R895, R896, R897, R898, R899, R900, R901, R902, R903, R904, R905, R906, R907, R908, R909, R910, R911, R912, R913, R914, R915									
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TUB iscrizione: 20130201-SI19/SI19L0NP.PDF /PS
la domanda per la misura di uscita della stampante la

TUB materiale: code=rha4ta
zionecmyn6 (CMYK)

vedere dei file simili: <http://130.149.60.45/~farbmctrik/S119/S119.HTM>
informazioni tecniche: <http://www.ps.barn.de> o <http://130.149.60.45/~farbmctrik>

vedere dei file simili: <http://130.149.60.45/~farbmctrik/S119/S119.HTM>
informazioni tecniche: <http://www.ps.barn.de> o <http://130.149.60.45/~farbmctrik>



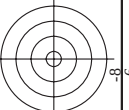
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n/j	HIC^{*Fe}	rgb^{*Fe}	icd^{*Fe}	hs_{*Fe}	$LabCh^{*Fe}$	rgb^{*Fe}	$LabCh^{*Fe}$	rgb^{*Fe}	$LabCh^{*Fe}$	DE^{*Fe}	hs_{wLE}	rgb^{*Fe}	$LabCh^{*Fe}$	n/j	HIC^{*Fe}	rgb^{*Fe}	icd^{*Fe}	hs_{*Fe}	$LabCh^{*Fe}$	rgb^{*Fe}	$LabCh^{*Fe}$	DE^{*Fe}	hs_{wLE}	rgb^{*Fe}	$LabCh^{*Fe}$									
1/6648	R25Y_100_100e	1.0	0.0	0.0	1.0	0.0	0.263	1.0	0.0	0.0	25.4	1.0	0.0	1/6666	R25Y_100_100e	1.0	0.0	0.0	56.0	47.5	57.2	37.8	68.6	33.4	11.1	375	1.0	0.0	0.263	47.5	56.0	26.7	62.1	25.4
1/6666	R25Y_100_100e	1.0	0.25	0.0	1.0	0.108	0.0	41.0	54.8	47.7	72.6	62.1	0.0	1/6684	R50Y_100_100e	1.0	0.5	44	35.2	68.2	58.4	68.2	55.1	52.8	16.1	35	1.0	0.108	0.0	51.4	54.8	47.7	72.6	41.0
1/6684	R50Y_100_100e	1.0	0.5	0.0	1.0	0.319	0.0	61.8	35.2	58.4	68.2	58.4	0.0	1/6702	R50Y_100_100e	1.0	0.5	60	16.1	68.2	58.4	68.2	55.1	52.8	16.1	35	1.0	0.319	0.0	61.8	35.2	58.4	68.2	41.0
3/7072	R75Y_100_100e	1.0	0.75	0.0	1.0	0.551	0.0	72.3	16.1	68.2	70.1	76.7	1.0	3/7090	R75Y_100_100e	1.0	0.75	76	76.7	69.0	77.0	76.7	69.0	77.0	91.5	22.7	63	1.0	0.551	0.0	72.3	16.1	68.2	70.1
4/7270	Y00G_100_100e	1.0	1.0	0.0	1.0	0.768	0.0	83.6	-26.4	78.5	82.9	108.6	0.0	4/7288	Y00G_100_100e	1.0	1.0	0.0	83.6	-26.4	78.5	82.9	108.6	100.5	16.9	77	1.0	0.768	0.0	83.6	-3.1	76.8	76.9	92.3
5/5558	Y25G_100_100e	0.75	1.0	0.0	1.0	0.858	0.0	85.8	-26.4	78.5	82.9	108.6	0.0	5/5576	Y25G_100_100e	0.75	1.0	0.0	85.8	-26.4	78.5	82.9	108.6	100.5	16.9	77	1.0	0.858	0.0	85.8	-26.4	78.5	82.9	108.6
6/3956	Y50G_100_100e	0.5	1.0	0.0	1.0	0.915	0.0	90.1	-21.3	84.6	88.6	103.9	107	6/3974	Y50G_100_100e	0.5	1.0	0.0	90.1	-21.3	84.6	88.6	103.9	107	107	107	1.0	0.915	0.0	90.1	-21.3	84.6	88.6	103.9
7/2324	Y75G_100_100e	0.25	1.0	0.0	1.0	0.959	0.0	95.9	-58.2	39.3	70.2	145.9	0.0	7/2342	Y75G_100_100e	0.25	1.0	0.0	95.9	-58.2	39.3	70.2	145.9	127.3	14.7	1.5	1.0	0.959	0.0	95.9	-58.2	39.3	70.2	
8/772	G00B_100_100e	0.0	1.0	0.0	1.0	0.146	0.0	15.0	-65.9	21.1	69.2	162.2	0.0	8/790	G00B_100_100e	0.0	1.0	0.0	15.0	-65.9	21.1	69.2	162.2	155.5	9.8	157	0.0	0.146	0.0	15.0	-65.9	21.1	69.2	162.2
9/772	G00B_100_100e	0.0	1.0	0.0	1.0	0.146	0.0	15.0	-65.9	21.1	69.2	162.2	0.0	9/790	G00B_100_100e	0.0	1.0	0.0	15.0	-65.9	21.1	69.2	162.2	155.5	9.8	157	0.0	0.146	0.0	15.0	-65.9	21.1	69.2	162.2
10/776	G25B_100_100e	0.0	1.0	0.5	1.0	0.497	0.0	189.8	0.0	55.0	52.2	189.8	0.0	10/794	G25B_100_100e	0.0	1.0	0.5	189.8	0.0	55.0	52.2	189.8	0.0	179	0.0	0.497	0.0	189.8	0.0	55.0	52.2	189.8	
11/1180	G50B_100_100e	0.0	1.0	1.0	1.0	0.791	0.0	216.9	0.0	53.1	-30.0	216.9	0.																					

immettere: *rgb/cmyk* -> *rgb*
uscita: trasferire a *cmyk*

grafico TUB-SI19; 1080 colori standard
colori e la differenza, ΔE^* , 3D=0, de=1, cmv/k

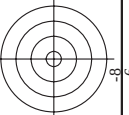
-vedere dei file simili: <http://130.149.60.45/~farbmetrik/SI19/SI19.HTM>
informazioni tecniche: <http://www.ps.bam.de> o <http://130.149.60.45/~farbmetrik>



TUB materiale: code=rha4ta

Inviare: inviare
Immettere: *rgb/cmyk* → *rgbe*
Uscita: trasferire a *cmyke*

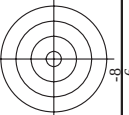
[illegible]



TUB materiale: code=rha4ta
zione cmyn6 (CMYK)

immettere: *rgb/cmyk* → *rgbe*
uscita: trasferire a *cmyke*

[illegible]



TUB materiale: code=rha4ta

vedere dei file simil: <http://130.149.60.45/~farbmetrik/SI19/SI19.HTM>
informazioni tecniche: <http://www.ps.bam.de> o <http://130.149.60.45/~farbmetrik>

immettere: *rgb/cmyk* -> *rgbe*
uscita: trasferire a *cmyke*

[illegible]



TUB materiale: code=rha4ta

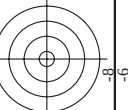
immettere: *rgb/cmyk* -> *rgb*
uscita: trasferire a *cmyk*

[illegible]

SI190-7N 28/33-F

1-0132730-F0

-vedere dei file simili: <http://130.149.60.45/~farbmetrik/SI19/SI19.HTM>
informazioni tecniche: <http://www.ps.bam.de> o <http://130.149.60.45/~farbmetrik>



TUB materiale: code=rha4ta

vedere dei file simil: <http://130.149.60.45/~farbmetrik/SI19/SI19.HTM>
informazioni tecniche: <http://www.ps.bam.de> o <http://130.149.60.45/~farbmetrik>

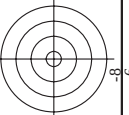
grafico TUB-S119; 1080 colori standard
colori e la differenza, ΔE^* ; 3D=0, de=1, $cm\dot{y}k$
uscita: trasferire a $cm\dot{y}k_e$
immettere: $rgb/cmyk - > rgbe$

grafico TUB-SI19; 1080 colori standard
colori e la differenza, ΔE^* , 3D=0, de=1, cmvk

SI190-7N 20/23-E

1-0132830-F0

[illegible]



TUB materiale: code=rha4ta

vedere dei file simil: <http://130.149.60.45/~farbmetrik/SI19/SI19.HTM>
informazioni tecniche: <http://www.ps.bam.de> o <http://130.149.60.45/~farbmetrik>

grafico TUB-S119; 1080 colori standard
colori e la differenza, ΔE^* , 3D=0, de=1, *cmYk*
uscita: trasferire a *cmYk*
immettere: *rgb/cmyk* -> *rgbe*

[illegible]

n	H1C*Fe	rgb-Fe	icL-Fe	hsa-Fe	rgb*Fe	LabCH*Fe	LabCH*Fe	DF*Fe	hsa*Fe	rgb*Fe	LabCH*Fe	LabCH*Fe
972	NW 000a	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
973	NW 012a	0.125	0.125	0.125	0.125	0.125	0.125	0.125	0.125	0.125	0.125	0.125
974	NW 025a	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25
975	NW 037a	0.375	0.375	0.375	0.375	0.375	0.375	0.375	0.375	0.375	0.375	0.375
976	NW 050a	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
977	NW 062a	0.625	0.625	0.625	0.625	0.625	0.625	0.625	0.625	0.625	0.625	0.625
978	NW 075a	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75
979	NW 087a	0.875	0.875	0.875	0.875	0.875	0.875	0.875	0.875	0.875	0.875	0.875
980	NW 100a	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
981	NW 000a	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
982	NW 012a	0.125	0.125	0.125	0.125	0.125	0.125	0.125	0.125	0.125	0.125	0.125
983	NW 025a	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25
984	NW 037a	0.375	0.375	0.375	0.375	0.375	0.375	0.375	0.375	0.375	0.375	0.375
985	NW 050a	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
986	NW 062a	0.625	0.625	0.625	0.625	0.625	0.625	0.625	0.625	0.625	0.625	0.625
987	NW 075a	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75
988	NW 087a	0.875	0.875	0.875	0.875	0.875	0.875	0.875	0.875	0.875	0.875	0.875
989	NW 100a	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
990	NW 000a	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
991	NW 012a	0.125	0.125	0.125	0.125	0.125	0.125	0.125	0.125	0.125	0.125	0.125
992	NW 025a	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25
993	NW 037a	0.375	0.375	0.375	0.375	0.375	0.375	0.375	0.375	0.375	0.375	0.375
994	NW 050a	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
995	NW 062a	0.625	0.625	0.625	0.625	0.625	0.625	0.625	0.625	0.625	0.625	0.625
996	NW 075a	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75
997	NW 087a	0.875	0.875	0.875	0.875	0.875	0.875	0.875	0.875	0.875	0.875	0.875
998	NW 100a	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
999	NW 000a	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1000	NW 012a	0.125	0.125	0.125	0.125	0.125	0.125	0.125	0.125	0.125	0.125	0.125
1001	NW 025a	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25
1002	NW 037a	0.375	0.375	0.375	0.375	0.375	0.375	0.375	0.375	0.375	0.375	0.375
1003	NW 050a	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
1004	NW 062a	0.625	0.625	0.625	0.625	0.625	0.625	0.625	0.625	0.625	0.625	0.625
1005	NW 075a	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75
1006	NW 087a	0.875	0.875	0.875	0.875	0.875	0.875	0.875	0.875	0.875	0.875	0.875
1007	NW 100a	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
1008	NW 000a	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1009	NW 012a	0.125	0.125	0.125	0.125	0.125	0.125	0.125	0.125	0.125	0.125	0.125
1010	NW 025a	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25
1011	NW 037a	0.375	0.375	0.375	0.375	0.375	0.375	0.375	0.375	0.375	0.375	0.375
1012	NW 050a	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
1013	NW 062a	0.625	0.625	0.625	0.625	0.625	0.625	0.625	0.625	0.625	0.625	0.625
1014	NW 075a	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75
1015	NW 087a	0.875	0.875	0.875	0.875	0.875	0.875	0.875	0.875	0.875	0.875	0.875
1016	NW 100a	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
1017	NW 000a	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1018	NW 012a	0.125	0.125	0.125	0.125	0.125	0.125	0.125	0.125	0.125	0.125	0.125
1019	NW 025a	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25
1020	NW 037a	0.375	0.375	0.375	0.375	0.375	0.375	0.375	0.375	0.375	0.375	0.375
1021	NW 050a	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
1022	NW 062a	0.625	0.625	0.625	0.625	0.625	0.625	0.625	0.625	0.625	0.625	0.625
1023	NW 075a	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75
1024	NW 087a	0.875	0.875	0.875	0.875	0.875	0.875	0.875	0.875	0.875	0.875	0.875
1025	NW 100a	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
1026	NW 000a	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1027	NW 012a	0.125	0.125	0.125	0.125	0.125	0.125	0.125	0.125	0.125	0.125	0.125
1028	NW 025a	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25
1029	NW 037a	0.375	0.375	0.375	0.375	0.375	0.375	0.375	0.375	0.375	0.375	0.375
1030	NW 050a	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
1031	NW 062a	0.625	0.625	0.625	0.625	0.625	0.625	0.625	0.625	0.625	0.625	0.625
1032	NW 075a	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75
1033	NW 087a	0.875	0.875	0.875	0.875	0.875	0.875	0.875	0.875	0.875	0.875	0.875
1034	NW 100a	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
1035	NW 000a	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1036	NW 012a	0.125	0.125	0.125	0.125	0.125	0.125	0.125	0.125	0.125	0.125	0.125
1037	NW 025a	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25
1038	NW 037a	0.375	0.375	0.375	0.375	0.375	0.375	0.375	0.375	0.375	0.375	0.375
1039	NW 050a	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
1040	NW 062a	0.625	0.625	0.625	0.625	0.625	0.625	0.625	0.625	0.625	0.625	0.625
1041	NW 075a	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75
1042	NW 087a	0.875	0.875	0.875	0.875	0.875	0.875	0.875	0.875	0.875	0.875	0.875
1043	NW 100a	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
1044	NW 000a	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1045	NW 012a	0.125	0.125	0.125	0.125	0.125	0.125	0.125	0.125	0.125	0.125	0.125
1046	NW 025a	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25
1047	NW 037a	0.375	0.375	0.375	0.375	0.375	0.375	0.375	0.375	0.375	0.375	0.375
1048	NW 050a	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
1049	NW 062a	0.625	0.625	0.625	0.625	0.625	0.625	0.625	0.625	0.625	0.625	0.625
1050	NW 075a	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75
1051	NW 087a	0.875	0.875	0.875	0.875	0.875	0.875	0.875	0.875	0.875	0.875	0.875
1052	NW 100a	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0

immettere: $rgb/cmyk \rightarrow rgb$
uscita: trasferire a $cmyk$

delta E* = 3.2

TUB iscrizione: 20130201-SI19/SI19L0NP.PDF /PS
la domanda per la misura di uscita della stampante laser, separazionecmyn6 (CMYK)

TUB materiale: code=rha4ta
la domanda per la misura di uscita della stampante laser, separazionecmyn6 (CMYK)

n	HIC*Fe	rgb_Fe	LabCh*Fe	rgb_Fe	LabCh*Fe	DF*Fe	rgb_Fe	LabCh*Fe	DF*Fe	rgb_Fe	LabCh*Fe
1053	NW_086e	0.866	0.866	0.866	0.866	0.866	0.866	0.866	0.866	0.866	0.866
1054	NW_093e	0.933	0.933	0.933	0.933	0.933	0.933	0.933	0.933	0.933	0.933
1055	NW_100e	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
1056	NW_000e	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1057	NW_006e	0.066	0.066	0.066	0.066	0.066	0.066	0.066	0.066	0.066	0.066
1058	NW_013e	0.133	0.133	0.133	0.133	0.133	0.133	0.133	0.133	0.133	0.133
1059	NW_020e	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
1060	NW_026e	0.266	0.266	0.266	0.266	0.266	0.266	0.266	0.266	0.266	0.266
1061	NW_033e	0.333	0.333	0.333	0.333	0.333	0.333	0.333	0.333	0.333	0.333
1062	NW_040e	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
1063	NW_046e	0.466	0.466	0.466	0.466	0.466	0.466	0.466	0.466	0.466	0.466
1064	NW_053e	0.533	0.533	0.533	0.533	0.533	0.533	0.533	0.533	0.533	0.533
1065	NW_060e	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
1066	NW_066e	0.666	0.666	0.666	0.666	0.666	0.666	0.666	0.666	0.666	0.666
1067	NW_073e	0.734	0.734	0.734	0.734	0.734	0.734	0.734	0.734	0.734	0.734
1068	NW_080e	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
1069	NW_086e	0.866	0.866	0.866	0.866	0.866	0.866	0.866	0.866	0.866	0.866
1070	NW_093e	0.933	0.933	0.933	0.933	0.933	0.933	0.933	0.933	0.933	0.933
1071	NW_100e	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
1072	NW_000e	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1073	ROY_100_100e	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
1074	ROY_100_100e	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
1075	ROY_100_100e	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
1076	ROY_100_100e	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
1077	ROY_100_100e	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
1078	ROY_100_100e	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
1079	ROY_100_100e	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0

delta E* = 6.3

vedere dei file simili: <http://130.149.60.45/~farbmatrik/SI19/SI19.HTM>
informazioni tecniche: <http://www.ps.bam.de> o <http://130.149.60.45/~farbmatrik>

SI190-7N, 33/33-F

grafico TUB-SI19; 1080 colori standard
colori e la differenza, ΔE^* , 3D=0, de=1, cmyk

immettere: *rgb/cmyk* -> *rgbe*
uscita: trasferire a *cmyke*