

Immettere y uscita: Printer Reflective System FRS06a for relative CIELAB hue $h_{ab,a,rel} = h_{ab}/360 = 46/360 = 0.12$

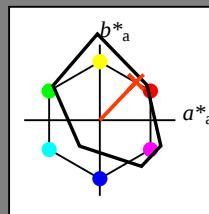
Dati del dispositivo (d) o
colori elementari (e):

HIC^*_-

codice di tonalità per i colori
questa pagina:

$H^*_- = R25Y_-$

triangolo chiarezza T^*



FRS06a; dati atti CIELAB (a)

name	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
R-,Ma	32.5	62.3	46.4	77.7	36
Y-,Ma	82.7	-3.1	113.9	114.0	91
G-,Ma	39.4	-61.8	45.8	76.9	143
C-,Ma	47.8	-26.8	-34.2	43.4	231
B-,Ma	10.1	55.1	-61.0	82.2	312
M-,Ma	34.5	80.6	-33.9	87.5	337
N-,Ma	6.2	0.0	0.0	0.0	0
W-,Ma	91.9	0.0	0.0	0.0	0
R-,CIE	39.9	58.7	27.9	65.0	25
Y-,CIE	81.2	-2.8	71.5	71.6	92
G-,CIE	52.2	-42.4	13.6	44.5	162
B-,CIE	30.5	1.4	-46.4	46.4	271

Il dati per il massimo colore (Ma):

$LabCh^*_-Ma$: 56 48 50 69 46

HIC^*_-Ma : R25Y_100_100-

$rgbic^*_-Ma$:

1.0 0.23 0.0 1.0 1.0

triangolo chiarezza T^*

%Gamma
 $u^*_{rel} = 114$
%Regolarità
 $g^*_{H,rel} = 28$
 $g^*_{C,rel} = 38$

$H^*_- = R25Y_-$

ORS20a; dati atti CIELAB (a)

H^*_-	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
R00Y_100_100-	48.4	66.1	40.2	77.3	31
R25Y_100_100-	56.8	48.0	50.5	69.6	46
R50Y_100_100-	68.6	25.0	63.9	68.6	68
R75Y_100_100-	80.6	4.8	77.2	77.3	86
Y00G_100_100-	90.2	-9.6	88.2	88.7	96
Y25G_100_100-	83.2	-18.4	79.9	81.9	102
Y50G_100_100-	73.3	-31.7	62.7	70.2	116
Y75G_100_100-	62.0	-49.7	43.2	65.8	139
G00B_100_100-	55.8	-65.2	33.8	73.4	152
G25B_100_100-	59.3	-50.3	-9.0	51.0	190
G50B_100_100-	63.0	-30.5	-42.0	51.9	234
G75B_100_100-	45.7	-5.7	-44.6	44.9	262
B00R_100_100-	27.5	25.9	-47.3	53.9	298
B25R_100_100-	38.3	52.6	-28.5	59.8	331
B50R_100_100-	49.5	73.5	-9.0	74.0	353
B75R_100_100-	48.9	69.3	12.9	70.4	10

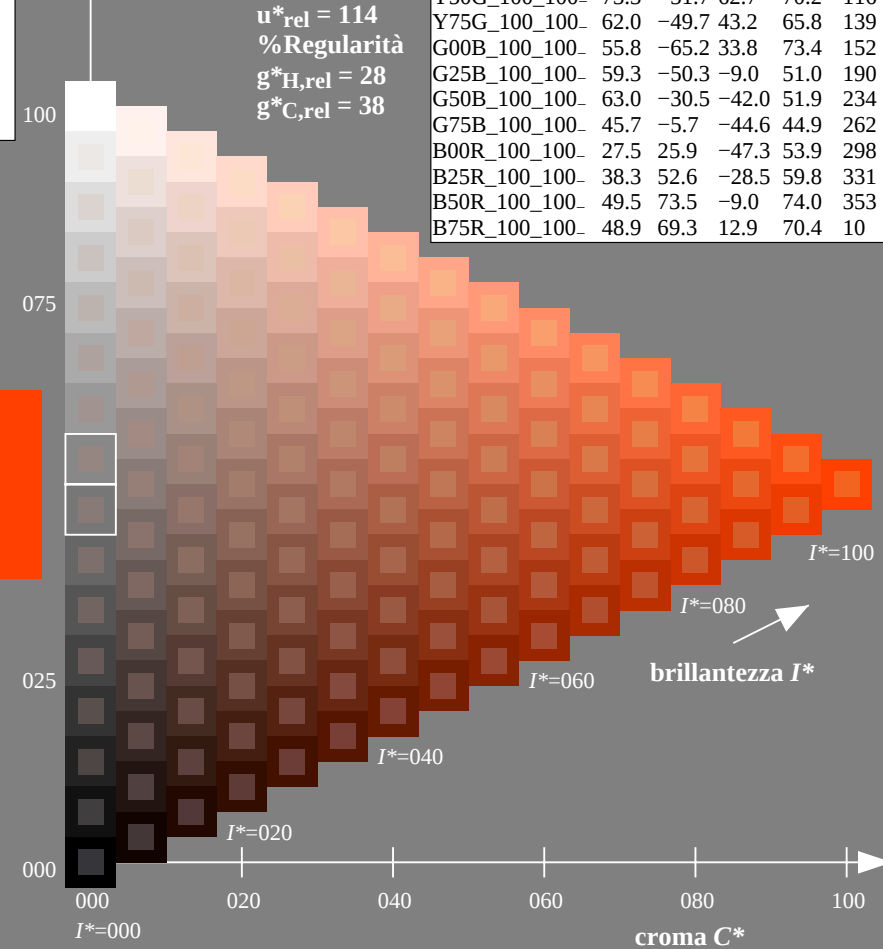
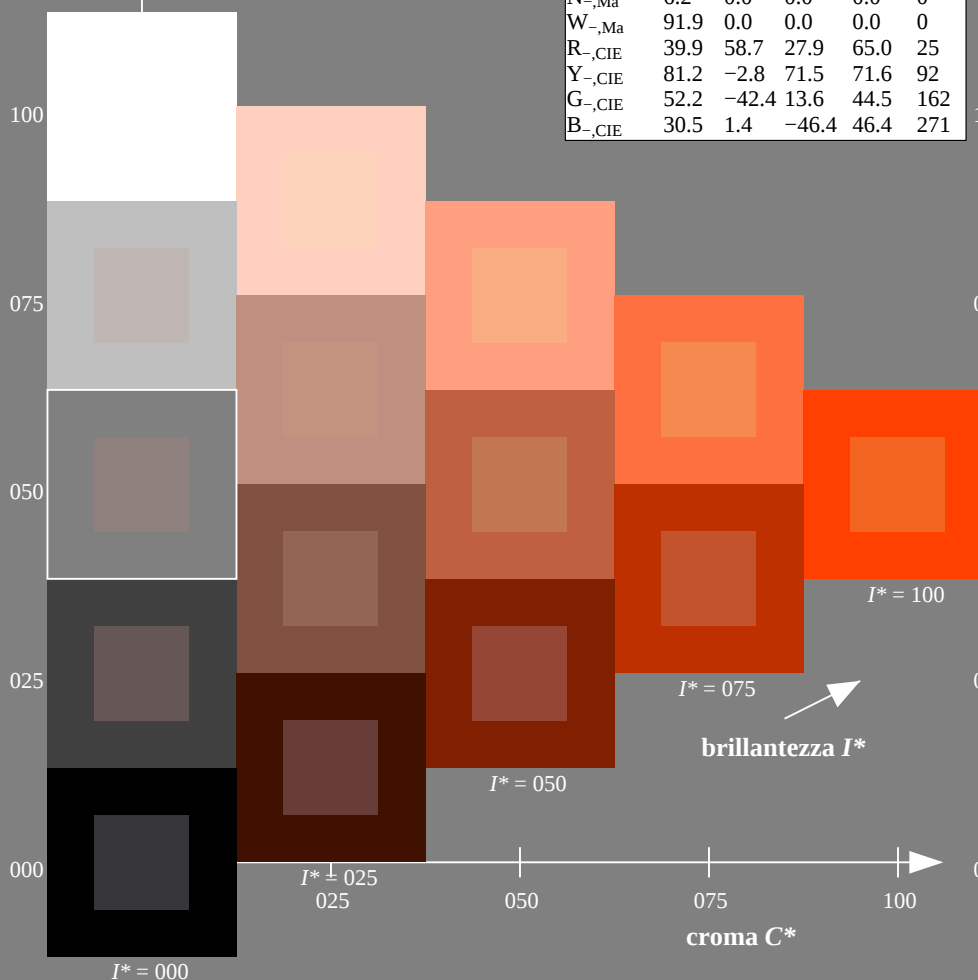


grafico TUB-QI09; codice di tinte: $H^*_- = R25Y_-$
grafico conformemente a DIN 33872, 3D=0, de=0, cmyk

immettere: $rgb/cmyk \rightarrow rgb/cmyk$
uscita: nessun cambiamento

Immettere y uscita: Printer Reflective System FRS06a for relative CIELAB hue $h_{ab,a,rel} = h_{ab}/360 = 51/360 = 0.14$

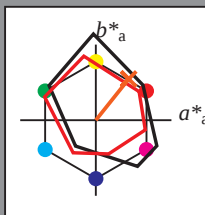
Dati del dispositivo (d) o colori elementari (e):

HIC^*_d

codice di tonalità per i colori questa pagina:

$H^*_d = R25Y_d$

triangolo chiarezza T^*



LRS18a; dati atti CIELAB (a)					
name	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
R _{d,Ma}	47.5	57.2	37.8	68.6	33
Y _{d,Ma}	91.5	-15.8	84.6	86.1	100
G _{d,Ma}	54.3	-67.6	30.8	74.3	155
C _{d,Ma}	53.1	-30.0	-43.1	52.5	235
B _{d,Ma}	32.5	16.9	-44.6	47.7	290
M _{d,Ma}	48.1	65.4	-12.7	66.6	348
N _{d,Ma}	23.8	0.0	0.0	0.0	0
W _{d,Ma}	95.8	0.0	0.0	0.0	0
R _{d,CIE}	39.9	58.7	27.9	65.0	25
Y _{d,CIE}	81.2	-2.8	71.5	71.6	92
G _{d,CIE}	52.2	-42.4	13.6	44.5	162
B _{d,CIE}	30.5	1.4	-46.4	46.4	271

Il dati per il massimo colore (Ma):

$LabCh^*_{d,Ma}$: 57 43 54 69 51

$HIC^*_{d,Ma}$: R25Y_100_100_d

$rgbic^*_{d,Ma}$:

1.0 0.23 0.0 1.0 1.0

triangolo chiarezza T^*

%Gamma

$u^*_{rel} = 114$

%Regularità

$g^*_{H,rel} = 28$

$g^*_{C,rel} = 38$

LRS18a; dati atti CIELAB (a)					
H^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
R00Y_100_100 _d	47.5	57.2	37.8	68.6	33
R25Y_100_100 _d	57.4	43.5	54.5	69.7	51
R50Y_100_100 _d	70.5	19.2	66.2	69.0	73
R75Y_100_100 _d	83.5	-2.9	76.8	76.9	92
Y00G_100_100 _d	91.5	-15.8	84.6	86.1	100
Y25G_100_100 _d	90.4	-20.9	86.5	89.0	103
Y50G_100_100 _d	70.9	-41.7	54.8	68.9	127
Y75G_100_100 _d	60.1	-57.9	39.6	70.2	145
G00B_100_100 _d	54.3	-67.6	30.8	74.3	155
G25B_100_100 _d	55.0	-51.4	-8.9	52.2	189
G50B_100_100 _d	53.1	-30.0	-43.1	52.5	235
G75B_100_100 _d	46.1	-13.3	-49.4	51.1	254
B00R_100_100 _d	32.5	16.9	-44.6	47.7	290
B25R_100_100 _d	37.2	43.1	-30.8	53.0	324
B50R_100_100 _d	48.1	65.4	-12.7	66.6	348
B75R_100_100 _d	47.8	58.9	10.4	59.9	10

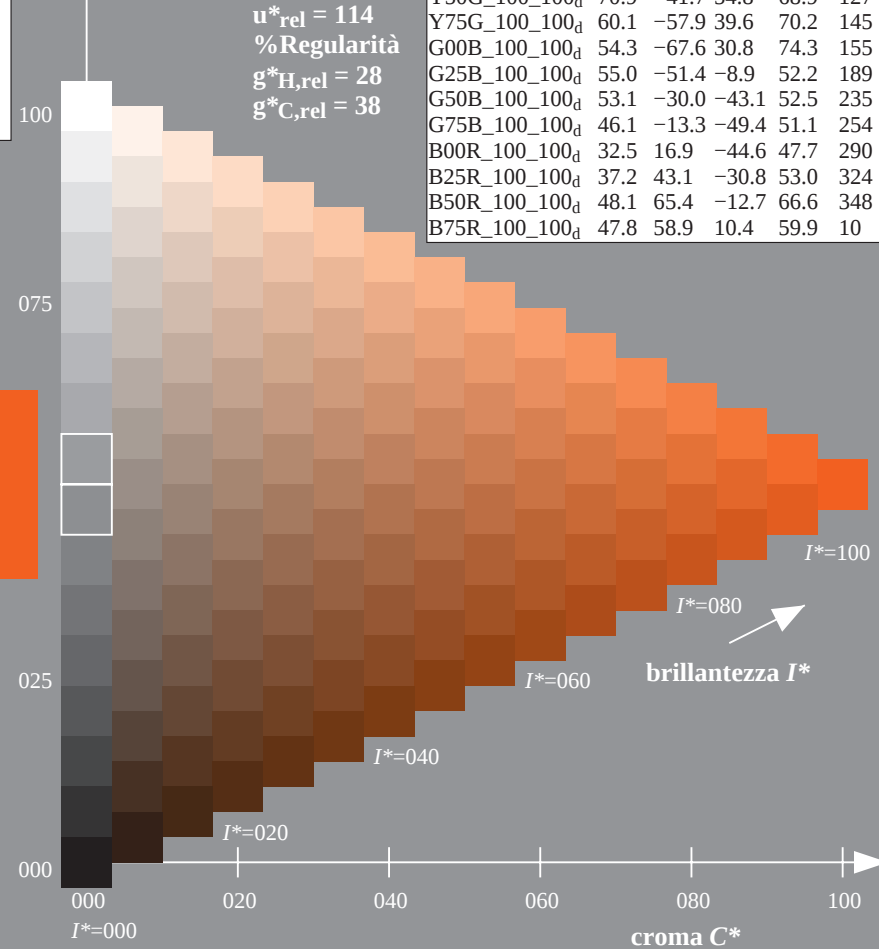
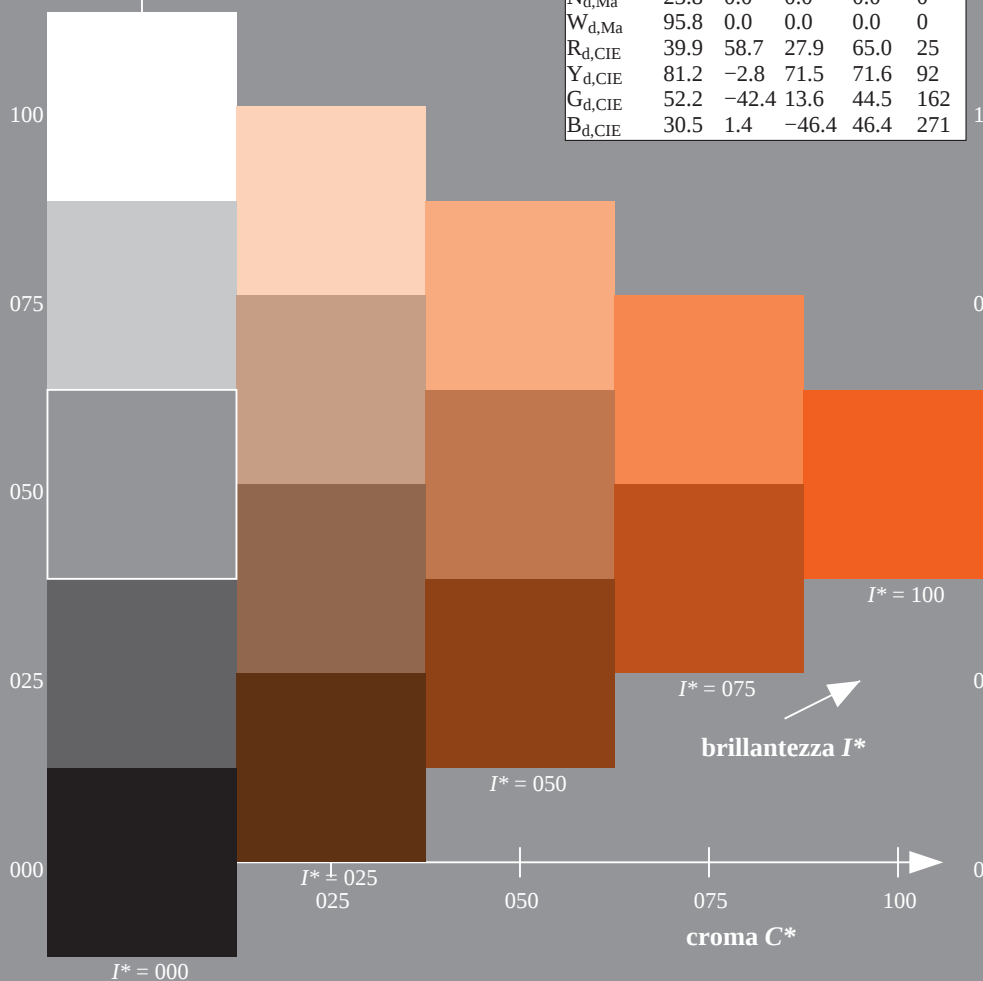


grafico TUB-QI09; codice di tinte: $H^*_d=R25Y_d$
grafico conformemente a DIN 33872, 3D=0, de=0, cmyk

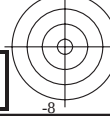
immettere: $rgb/cmyk \rightarrow rgb_d$
uscita: trasferire a $cmyk_d$

TUB iscrizione: 20130201-QI09/QI09L0NP.PDF /.PS
la domanda per la misura di uscita della stampante laser, separazione cmyk6 (CMYK)

TUB materiale: code=rh4ta

TUB iscrizione: 20130201-QI09/QI09L0NP.PDF /.PS
la domanda per la misura di uscita della stampante laser, separazione cmy_n6 (CMYK)

TUB materiale: code=rha4ta



http://130.149.60.45/~farbmetrik/QI09/QI09L0NP.PDF /.PS; uscita di trasferimento
N: nessun 3D-linearizzazione (OL) nel file (F) o PS-startup (S), pagina 3/33



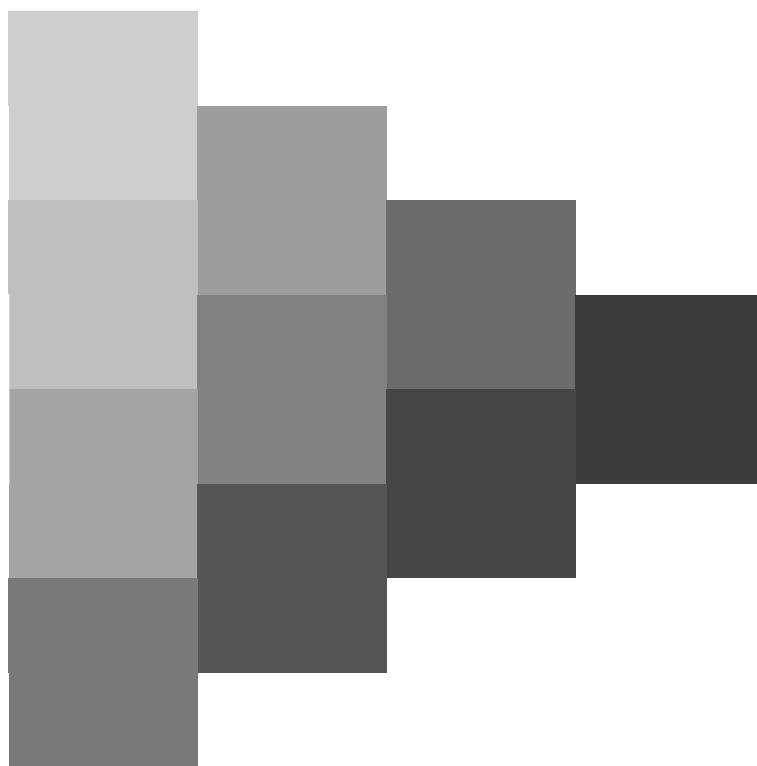
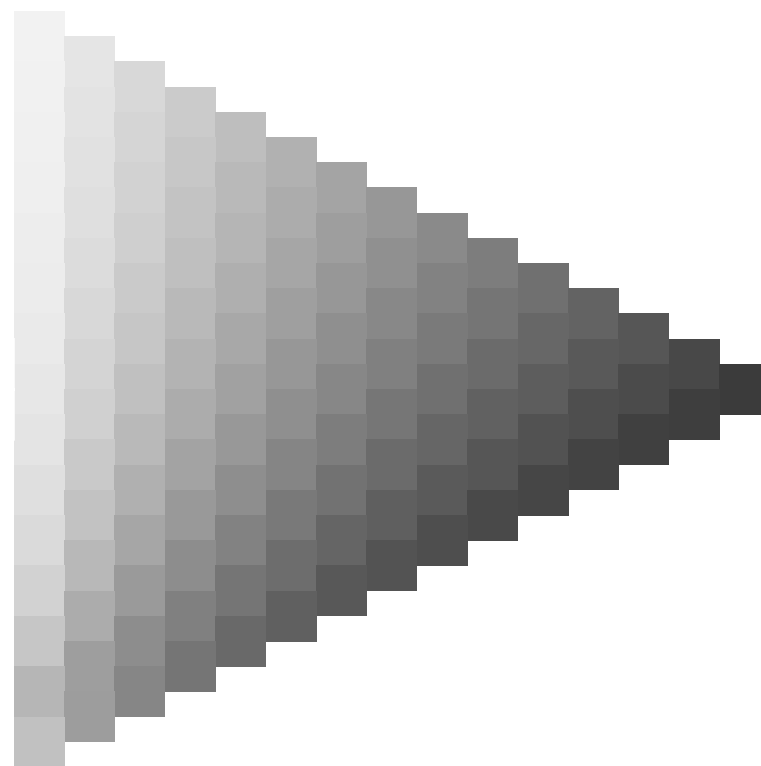
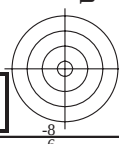
vedere dei file simili: <http://130.149.60.45/~farbmetrik/QI09/QI09L0NP.PDF>
informazioni tecniche: <http://www.ps.bam.de> o <http://130.149.60.45/~farbmetrik>

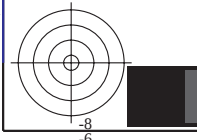
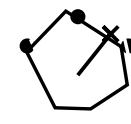
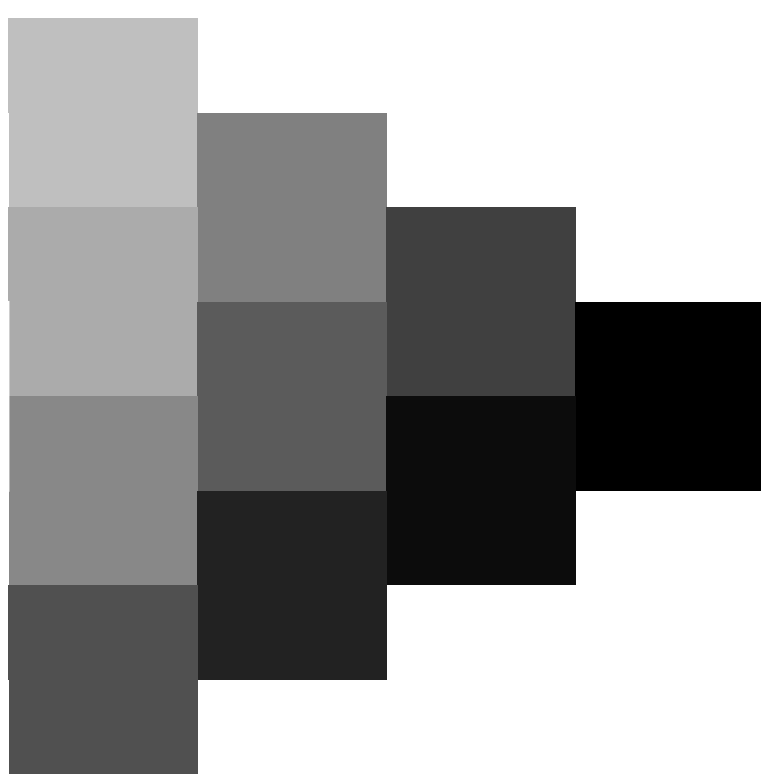
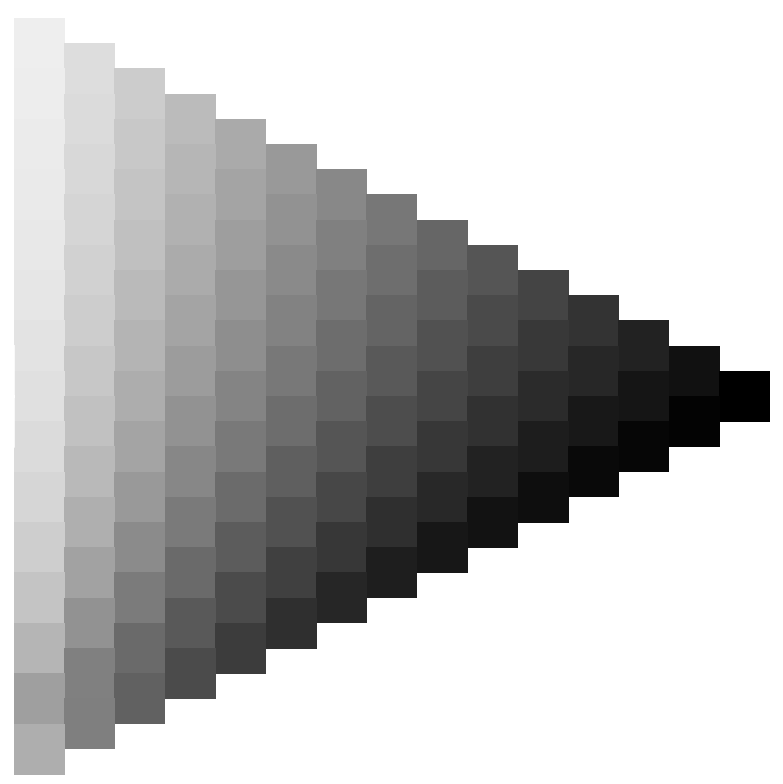
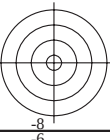
grafico TUB-QI09; codice di tinte: $H^*_d=R25Y_d$
grafico conformemente a DIN 33872, 3D=0, de=0, cmyk

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

4-003230-L0 QI090-70

4-003230-F0

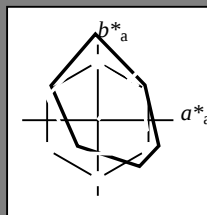




Immettere y uscita: Printer Reflective System FRS06a for relative CIELAB hue $h_{ab,a,rel} = h_{ab}/360 = 51/360 = 0.14$

Dati del dispositivo (d) o colori elementari (e):

HIC^*_d
codice di tonalità per i colori
questa pagina:
 $H^*_d = R25Y_d$
triangolo chiarezza T^*



LRS18a; dati atti CIELAB (a)					
name	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
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M _{d,Ma}	48.1	65.4	-12.7	66.6	348
N _{d,Ma}	23.8	0.0	0.0	0.0	0
W _{d,Ma}	95.8	0.0	0.0	0.0	0
R _{d,CIE}	39.9	58.7	27.9	65.0	25
Y _{d,CIE}	81.2	-2.8	71.5	71.6	92
G _{d,CIE}	52.2	-42.4	13.6	44.5	162
B _{d,CIE}	30.5	1.4	-46.4	46.4	271

Il dati per il massimo colore (Ma):

LabCh_{d,Ma}: 57 43 54 69 51

$HIC^*_{d,Ma}$: R25Y_100_100_d

rgbic_{d,Ma}:

1.0 0.23 0.0 1.0 1.0

triangolo chiarezza T^*

%Gamma

$u^*_{rel} = 114$

%Regularità

$g^*_{H,rel} = 28$

$g^*_{C,rel} = 38$

$H^*_d = R25Y_d$

LRS18a; dati atti CIELAB (a)					
H^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
R00Y_100_100 _d	47.5	57.2	37.8	68.6	33
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R50Y_100_100 _d	70.5	19.2	66.2	69.0	73
R75Y_100_100 _d	83.5	-2.9	76.8	76.9	92
Y00G_100_100 _d	91.5	-15.8	84.6	86.1	100
Y25G_100_100 _d	90.4	-20.9	86.5	89.0	103
Y50G_100_100 _d	70.9	-41.7	54.8	68.9	127
Y75G_100_100 _d	60.1	-57.9	39.6	70.2	145
G00B_100_100 _d	54.3	-67.6	30.8	74.3	155
G25B_100_100 _d	55.0	-51.4	-8.9	52.2	189
G50B_100_100 _d	53.1	-30.0	-43.1	52.5	235
G75B_100_100 _d	46.1	-13.3	-49.4	51.1	254
B00R_100_100 _d	32.5	16.9	-44.6	47.7	290
B25R_100_100 _d	37.2	43.1	-30.8	53.0	324
B50R_100_100 _d	48.1	65.4	-12.7	66.6	348
B75R_100_100 _d	47.8	58.9	10.4	59.9	10

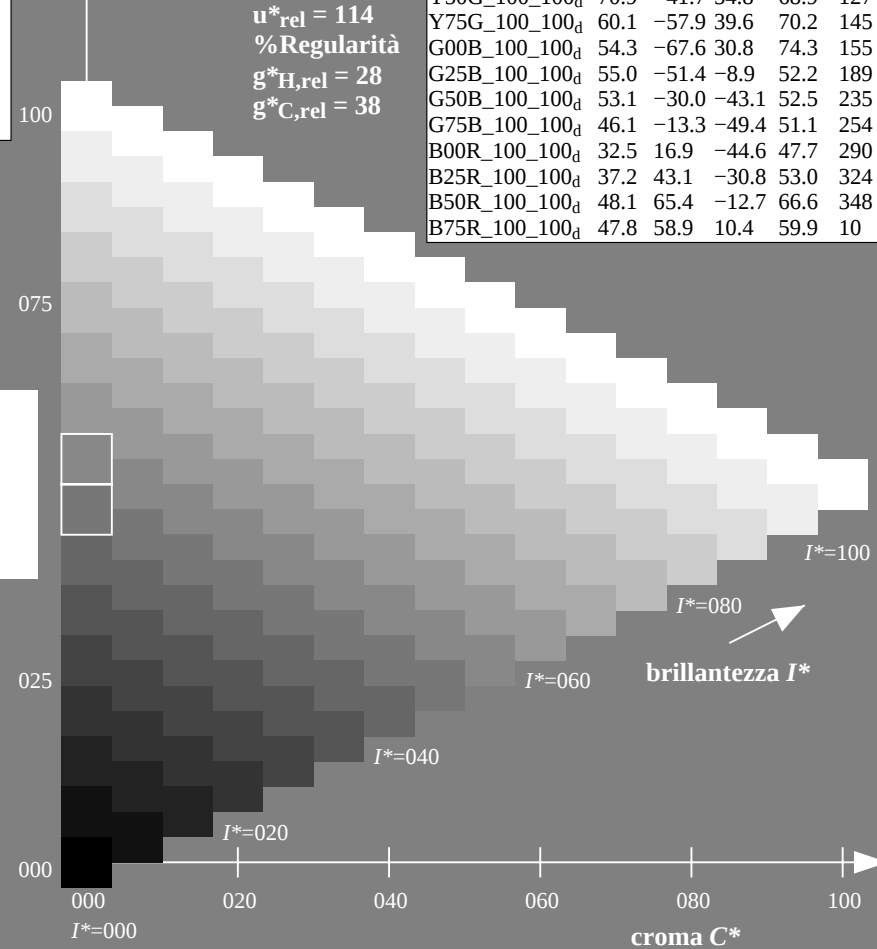
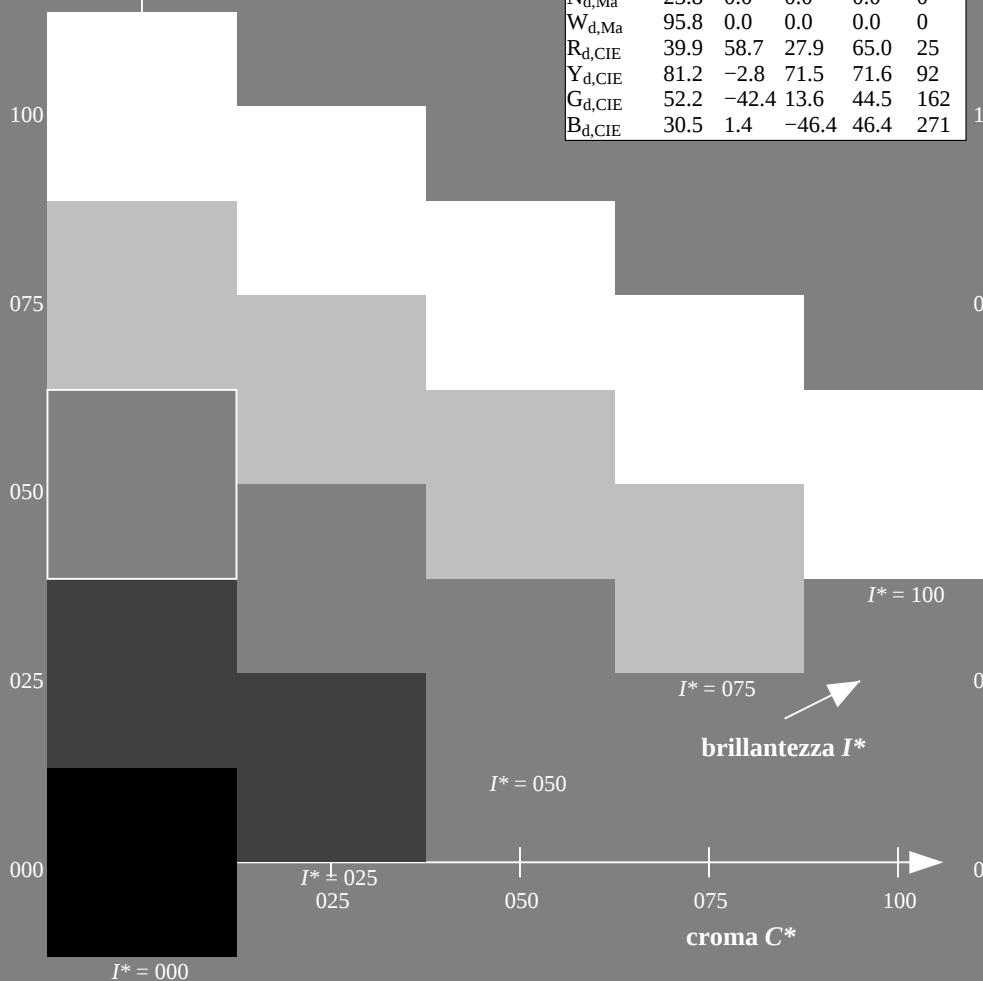


grafico TUB-QI09; codice di tinte: $H^*_d=R25Y_d$
grafico conformemente a DIN 33872, 3D=0, de=0, cmyk

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

TUB iscrizione: 20130201-QI09/QI09L0NP.PDF /.PS
la domanda per la misura di uscita della stampante laser, separazione cmyk6 (CMYK)

TUB materiale: code=rh44a

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

$h_{ab,d}, h_{ab,s}$
 rgb^*_{ds}

4-003630-L0 QI090-70 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-QI09; codice di tinte: $H^*_d=R25Y_d$
cerchio delle tinte a 48 passi; $rgb-LabCh^*$ tavole

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

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

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 $RYGBM_s$: $h_{ab,s} = 30.0, 90.0, 150.0, 210.0, 270.0, 330.0$; 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			a _b s			a _b e			rgb*dd64M			LAB*dd64M (x=LabCh)					rgb*ddx361M			LAB*ddx361M (x=LabCh)					rgb*dsx361M			LAB*dsx361M (x=LabCh)					rgb*dex361M			LAB*dex361M					rgb*da			rgb*ds			rgb*de		
33.4	30.0	25.4	1.0	0.0	0.0	47.5	57.2	37.8	68.6	33.4	1.0	0.0	0.0	47.6	57.2	37.9	68.6	33	1.0	0.0	0.158	47.7	56.3	32.5	65.0	30	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	1.0	0.117	0.0	51.7	54.6	48.5	73.0	41	1.0	0.05	0.0	49.4	56.3	42.4	70.5	37	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	1.0	0.25	0.0	58.3	41.8	55.2	69.2	52	1.0	0.158	0.0	53.6	51.1	51.1	72.2	45	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	1.0	0.367	0.0	64.2	30.6	60.1	67.5	63	1.0	0.24	0.0	57.8	42.8	54.8	69.6	52	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	1.0	0.5	0.0	70.5	19.2	66.3	69.0	73	1.0	0.332	0.0	62.5	34.0	58.9	68.0	60	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	1.0	0.617	0.0	74.6	12.0	70.5	71.5	80	1.0	0.416	0.0	66.6	26.5	62.5	67.9	67	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	1.0	0.75	0.0	83.0	-1.9	77.0	77.0	-268	1.0	0.521	0.0	71.3	18.0	67.1	69.5	75	1.0	0.532	0.0	71.6	17.3	67.3	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	1.0	0.867	0.0	87.3	-8.5	75.9	76.4	96	1.0	0.639	0.0	75.8	10.1	71.6	72.3	82	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	1.0	1.0	0.0	91.6	-15.7	84.7	86.2	100	1.0	0.732	0.0	81.8	0.0	76.3	76.3	90	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	0.883	1.0	0.0	92.7	-17.9	89.1	90.9	101	1.0	0.88	0.0	87.8	-9.3	76.2	76.7	97	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	0.75	1.0	0.0	90.1	-21.3	86.0	88.7	103	0.738	1.0	0.0	89.2	-22.5	84.4	87.4	105	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	0.633	1.0	0.0	80.6	-31.1	69.2	75.9	114	0.659	1.0	0.0	82.7	-29.4	73.0	78.8	112	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	0.5	1.0	0.0	71.0	-41.7	54.8	68.9	127	0.574	1.0	0.0	76.3	-36.2	62.8	72.6	120	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	0.383	1.0	0.0	66.9	-47.1	48.5	67.7	134	0.503	1.0	0.0	71.2	-41.5	55.2	69.1	127	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	0.25	1.0	0.0	60.6	-57.2	40.5	70.1	144	0.372	1.0	0.0	66.4	-47.8	47.9	67.7	135	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	0.133	1.0	0.0	57.3	-61.8	34.8	71.0	150	0.284	1.0	0.0	62.3	-54.6	42.7	69.4	142	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	0.0	1.0	0.0	54.3	-67.6	30.8	74.4	155	0.146	1.0	0.0	57.6	-61.3	35.5	70.9	150	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	0.0	1.0	0.117	53.9	-66.4	23.5	70.6	160	0.0	1.0	0.035	54.2	-67.3	28.6	73.2	157	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	0.0	1.0	0.25	53.8	-63.1	12.8	64.4	168	0.0	1.0	0.192	53.8	-64.7	17.4	67.1	165	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	0.0	1.0	0.367	54.7	-57.2	0.8	57.3	179	0.0	1.0	0.288	54.1	-61.4	8.6	62.1	172	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	0.0	1.0	0.5	55.0	-51.4	-8.8	52.2	189	0.0	1.0	0.375	54.8	-56.7	0.0	56.8	180	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	0.0	1.0	0.617	55.3	-44.6	-19.3	48.8	203	0.0	1.0	0.464	55.0	-53.0	-6.4	53.5	187	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	-39.4	-27.1	47.9	214.4	0.0	1.0	0.75	55.2	-39.4	-27.0	47.9	214	0.0	1.0	0.544	55.2	-49.1	-13.1	50.9	195	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	0.0	1.0	0.867	54.5	-36.9	-32.6	49.4	221	0.0	1.0	0.604	55.3	-45.5	-18.3	49.1	202	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	0.0	1.0	1.0	53.1	-29.9	-43.0	52.5	235	0.0	1.0	0.694	55.3	-41.6	-24.0	48.2	210	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	0.0	0.883	1.0	53.1	-28.0	-44.5	52.8	237	0.0	1.0	0.792	55.0	-38.6	-29.1	48.5	217	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	0.0	0.75	1.0	52.9	-25.8	-47.5	54.2	241	0.0	1.0	0.904	54.2	-35.4	-35.4	50.2	225	0.0	1.0	0.957	53.6	-32.5	-39.7	51.5	230															
247.2	232.0	237.5	0.0	0.625	1.0	50.5	-20.8	-49.5	53.7	247.2	0.0	0.633	1.0	50.7	-21.1	-49.3	53.8	246	0.0	1.0	0.97	53.5	-31.8	-40.7	51.8	232	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	0.0	0.5	1.0	46.2	-13.2	-49.3	51.2	254	0.0	0.801	1.0	53.0	-26.7	-46.3	53.6	240	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	0.0	0.383	1.0	41.7	-6.7	-49.2	49.8	262	0.0	0.63	1.0	50.7	-20.9	-49.4	53.8	247	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	0.0	0.25	1.0	36.9	2.2	-48.5	48.6	272	0.0	0.499	1.0	46.1	-13.1	-49.3	51.2	255	0.0	0.449	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	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	0.353	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	0.0	0.0	1.0	32.6	16.9	-44.5	47.7	290	0.0	0.283	1.0	38.1	0.0	-48.8	48.9	270	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	0.117	0.0	1.0	31.7	23.2	-42.3	48.4	298	0.0	0.188	1.0	36.0	5.8	-47.5	48.0	277	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	0.25	0.0	1.0	31.0	30.6	-39.3	49.9	307	0.0	0.078	1.0	34.1	12.3	-45.8	47.5	285	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	0.367	0.0	1.0	34.0	37.8	-35.3	51.7	316	0.018	0.0	1.0	32.4	17.9	-44.2	47.8	292	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																																									

grafico TUB-QI09; codice di tinte: H^{*}_d=R25Y_d
cerchio delle tinte a 48 passi; *rqb-LabCh** tavole

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

TUB iscrizione: 20130201-QI09/QI09L0NP.PDF /.PS
la domanda per la misura di uscita della stampante la

TUB materiale: code=rha4ta
zione cmyrn6 (CMYK)

vedere dei file simili: <http://130.149.60.45/~farbmestik/Q109/Q109.HTM>
informazioni tecniche: <http://www.ps.bam.de> o <http://130.149.60.45/~farbmestik/>

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^*_{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

4-003830-L0

QI090-70

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-QI09; codice di tinte: $H^*_d=R25Y_d$
cerchio delle tinte a 48 passi; $rgb-LabCh^*$ tavole

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

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

4-003830-F0

TUB iscrizione: 20130201-QI09/QI09L0NP.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 $RYGCBM_e$: $h_{ab,e} = 25.5, 92.3, 162.2, 217.0, 271.7, 328.6$

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}	$LAB^*_{dd361M}(x=LabCh)$	R_d	$rgb^*_{ds361Mi}$	$LAB^*_{ds361Mi}(x=LabCh)$	R_s	$rgb^*_{dd361Mi}$	$LAB^*_{de361Mi}(x=LabCh)$	R_e	$rgb^*_{dd361Mi}$	rgb^*_{dd}	rgb^*_{ds}	rgb^*_{de}
33	30	25	1.0 0.0 0.0	47.5 57.2 37.8 68.6 33		1.0 0.0 0.158 47.7 56.3 32.5 65.0 30		1.0 0.0 0.0	1.0 0.0 0.263 47.6 56.1 26.7 62.1 25		1.0 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 0.133 47.7 56.4 33.9 65.8 31		1.0 0.017 0.0	1.0 0.0 0.242 47.6 56.0 28.0 62.6 26		1.0 0.017 0.0				
35	32	27	1.0 0.033 0.0	48.7 56.6 40.8 69.8 35		1.0 0.0 0.085 47.7 56.7 35.4 66.8 32		1.0 0.033 0.0	1.0 0.0 0.214 47.6 56.1 29.5 63.4 27		1.0 0.033 0.0				
36	33	28	1.0 0.05 0.0	49.3 56.3 42.3 70.4 36		1.0 0.0 0.028 47.6 57.1 37.0 68.0 33		1.0 0.05 0.0	1.0 0.0 0.187 47.6 56.2 30.9 64.2 28		1.0 0.05 0.0				
38	34	29	1.0 0.066 0.0	49.9 55.9 43.9 71.1 38		1.0 0.007 0.0 47.8 57.1 38.5 68.9 34		1.0 0.067 0.0	1.0 0.0 0.159 47.7 56.3 32.4 65.0 29		1.0 0.067 0.0				
39	35	31	1.0 0.083 0.0	50.5 55.5 45.4 71.7 39		1.0 0.022 0.0 48.4 56.9 39.8 69.4 35		1.0 0.083 0.0	1.0 0.0 0.132 47.7 56.4 33.9 65.8 31		1.0 0.083 0.0				
40	36	32	1.0 0.1 0.0	51.0 55.0 46.9 72.3 40		1.0 0.036 0.0 48.9 56.6 41.1 70.0 36		1.0 0.1 0.0	1.0 0.0 0.076 47.6 56.7 35.7 67.0 32		1.0 0.1 0.0				
41	37	33	1.0 0.116 0.0	51.6 54.5 48.4 72.9 41		1.0 0.05 0.0 49.4 56.3 42.4 70.5 37		1.0 0.117 0.0	1.0 0.0 0.012 47.6 57.2 37.5 68.4 33		1.0 0.117 0.0				
42	38	34	1.0 0.133 0.0	52.3 53.4 49.7 73.0 42		1.0 0.065 0.0 49.9 56.0 43.7 71.0 38		1.0 0.133 0.0	1.0 0.013 0.0 48.0 57.0 39.0 69.1 34		1.0 0.133 0.0				
44	39	35	1.0 0.15 0.0	53.2 51.8 50.6 72.4 44		1.0 0.079 0.0 50.4 55.6 45.0 71.6 39		1.0 0.15 0.0	1.0 0.029 0.0 48.6 56.7 40.5 69.7 35		1.0 0.15 0.0				
45	40	36	1.0 0.166 0.0	54.0 50.2 51.5 71.9 45		1.0 0.094 0.0 50.9 55.2 46.4 72.1 40		1.0 0.167 0.0	1.0 0.045 0.0 49.2 56.4 41.9 70.3 36		1.0 0.167 0.0				
47	41	37	1.0 0.183 0.0	54.9 48.5 52.3 71.4 47		1.0 0.108 0.0 51.4 54.8 47.7 72.7 41		1.0 0.183 0.0	1.0 0.061 0.0 49.7 56.1 43.4 70.9 37		1.0 0.183 0.0				
48	42	38	1.0 0.2 0.0	55.7 46.8 53.1 70.8 48		1.0 0.122 0.0 51.9 54.4 49.0 73.2 42		1.0 0.2 0.0	1.0 0.077 0.0 50.3 55.7 44.8 71.5 38		1.0 0.2 0.0				
50	43	39	1.0 0.216 0.0	56.6 45.2 53.8 70.3 50		1.0 0.134 0.0 52.5 53.4 49.8 73.0 43		1.0 0.217 0.0	1.0 0.093 0.0 50.8 55.3 46.3 72.1 39		1.0 0.217 0.0				
51	44	41	1.0 0.233 0.0	57.4 43.5 54.5 69.7 51		1.0 0.146 0.0 53.0 52.2 50.4 72.6 44		1.0 0.233 0.0	1.0 0.109 0.0 51.4 54.8 47.8 72.7 41		1.0 0.233 0.0				
52	45	42	1.0 0.25 0.0	58.2 41.8 55.1 69.2 52		1.0 0.158 0.0 53.6 51.1 51.1 72.2 45		1.0 0.25 0.0	1.0 0.125 0.0 52.0 54.3 49.2 73.3 42		1.0 0.25 0.0				
54	46	43	1.0 0.266 0.0	59.1 40.2 56.0 69.0 54		1.0 0.17 0.0 54.2 49.9 51.7 71.8 46		1.0 0.267 0.0	1.0 0.138 0.0 52.6 53.0 50.0 72.9 43		1.0 0.267 0.0				
55	47	44	1.0 0.283 0.0	59.9 38.6 56.8 68.7 55		1.0 0.181 0.0 54.8 48.7 52.3 71.5 47		1.0 0.283 0.0	1.0 0.151 0.0 53.3 51.8 50.7 72.4 44		1.0 0.283 0.0				
57	48	45	1.0 0.3 0.0	60.8 37.1 57.5 68.5 57		1.0 0.193 0.0 55.4 47.6 52.8 71.1 48		1.0 0.3 0.0	1.0 0.164 0.0 54.0 50.5 51.4 72.0 45		1.0 0.3 0.0				
58	49	46	1.0 0.316 0.0	61.6 35.5 58.2 68.2 58		1.0 0.205 0.0 56.0 46.4 53.4 70.7 49		1.0 0.317 0.0	1.0 0.177 0.0 54.6 49.2 52.1 71.6 46		1.0 0.317 0.0				
60	50	47	1.0 0.333 0.0	62.5 33.9 58.9 68.0 60		1.0 0.217 0.0 56.6 45.2 53.9 70.3 50		1.0 0.333 0.0	1.0 0.19 0.0 55.3 47.9 52.7 71.2 47		1.0 0.333 0.0				
61	51	48	1.0 0.35 0.0	63.3 32.2 59.5 67.7 61		1.0 0.228 0.0 57.2 44.0 54.4 69.9 51		1.0 0.35 0.0	1.0 0.203 0.0 55.9 46.5 53.3 70.8 48		1.0 0.35 0.0				
63	52	49	1.0 0.366 0.0	64.2 30.6 60.1 67.5 63		1.0 0.24 0.0 57.8 42.8 54.8 69.6 52		1.0 0.367 0.0	1.0 0.216 0.0 56.6 45.2 53.9 70.3 49		1.0 0.367 0.0				
64	53	51	1.0 0.383 0.0	65.0 29.1 60.8 67.4 64		1.0 0.252 0.0 58.4 41.7 55.3 69.2 53		1.0 0.383 0.0	1.0 0.23 0.0 57.3 43.9 54.4 69.9 51		1.0 0.383 0.0				
65	54	52	1.0 0.4 0.0	65.8 27.8 61.7 67.7 65		1.0 0.263 0.0 59.0 40.6 55.9 69.1 54		1.0 0.4 0.0	1.0 0.243 0.0 57.9 42.6 54.9 69.5 52		1.0 0.4 0.0				
67	55	53	1.0 0.416 0.0	66.6 26.4 62.5 67.9 67		1.0 0.275 0.0 59.6 39.5 56.4 68.9 55		1.0 0.417 0.0	1.0 0.256 0.0 58.6 41.3 55.5 69.2 53		1.0 0.417 0.0				
68	56	54	1.0 0.433 0.0	67.3 25.0 63.3 68.1 68		1.0 0.286 0.0 60.1 38.4 57.0 68.7 56		1.0 0.433 0.0	1.0 0.268 0.0 59.2 40.1 56.1 69.0 54		1.0 0.433 0.0				
69	57	55	1.0 0.45 0.0	68.1 23.6 64.1 68.3 69		1.0 0.298 0.0 60.7 37.3 57.5 68.5 57		1.0 0.45 0.0	1.0 0.281 0.0 59.9 38.9 56.7 68.8 55		1.0 0.45 0.0				
71	58	56	1.0 0.466 0.0	68.9 22.1 64.8 68.5 71		1.0 0.309 0.0 61.3 36.2 58.0 68.4 58		1.0 0.467 0.0	1.0 0.294 0.0 60.5 37.7 57.3 68.6 56		1.0 0.467 0.0				
72	59	57	1.0 0.483 0.0	69.7 20.7 65.6 68.8 72		1.0 0.321 0.0 61.9 35.1 58.5 68.2 59		1.0 0.483 0.0	1.0 0.307 0.0 61.2 36.5 57.9 68.4 57		1.0 0.483 0.0				
73	60	58	1.0 0.5 0.0	70.5 19.2 66.2 69.0 73		1.0 0.332 0.0 62.5 34.0 58.9 68.0 60		1.0 0.5 0.0	1.0 0.32 0.0 61.8 35.2 58.4 68.2 58		1.0 0.5 0.0				
74	61	60	1.0 0.516 0.0	71.0 18.2 66.9 69.3 74		1.0 0.344 0.0 63.1 32.9 59.3 67.8 61		1.0 0.517 0.0	1.0 0.332 0.0 62.5 34.0 58.9 68.0 60		1.0 0.517 0.0				
75	62	61	1.0 0.533 0.0	71.6 17.2 67.5 69.7 75		1.0 0.355 0.0 63.6 31.8 59.8 67.7 62		1.0 0.533 0.0	1.0 0.345 0.0 63.1 32.8 59.4 67.8 61		1.0 0.533 0.0				
76	63	62	1.0 0.55 0.0	72.2 16.2 68.1 70.0 76		1.0 0.367 0.0 64.2 30.6 60.1 67.5 63		1.0 0.55 0.0	1.0 0.358 0.0 63.8 31.5 59.9 67.6 62		1.0 0.55 0.0				
77	64	63	1.0 0.566 0.0	72.8 15.1 68.7 70.4 77		1.0 0.378 0.0 64.8 29.6 60.6 67.4 64		1.0 0.567 0.0	1.0 0.371 0.0 64.4 30.3 60.3 67.4 63		1.0 0.567 0.0				
78	65	64	1.0 0.583 0.0	73.4 14.1 69.3 70.7 78		1.0 0.391 0.0 65.4 28.6 61.3 67.6 65		1.0 0.583 0.0	1.0 0.384 0.0 65.1 29.1 60.9 67.5 64		1.0 0.583 0.0				
79	66	65	1.0 0.6 0.0	74.0 13.0 69.9 71.1 79		1.0 0.403 0.0 66.0 27.6 61.9 67.8 66		1.0 0.6 0.0	1.0 0.398 0.0 65.7 28.0 61.6 67.7 65		1.0 0.6 0.0				
80	67	66	1.0 0.616 0.0	74.6 12.0 70.4 71.4 80		1.0 0.416 0.0 66.6 26.5 62.5 67.9 67		1.0 0.617 0.0	1.0 0.412 0.0 66.4 26.9 62.3 67.9 66		1.0 0.617 0.0				
81	68	67	1.0 0.633 0.0	75.4 10.6 71.2 72.0 81		1.0 0.428 0.0 67.1 25.5 63.1 68.1 68		1.0 0.633 0.0	1.0 0.425 0.0 67.0 25.7 63.0 68.0 67		1.0 0.633 0.0				
82	69	68	1.0 0.65 0.0	76.5 8.9 72.1 72.7 82		1.0 0.44 0.0 67.7 24.5 63.7 68.2 69		1.0 0.65 0.0	1.0 0.439 0.0 67.7 24.5 63.7 68.2 68		1.0 0.65 0.0				
84	70	70	1.0 0.666 0.0	77.5 7.2 73.0 73.4 84		1.0 0.453 0.0 68.3 23.4 64.3 68.4 70		1.0 0.667 0.0	1.0 0.453 0.0 68.3 23.4 64.3 68.4 70		1.0 0.667 0.0				
85	71	71	1.0 0.683 0.0	78.6 5.4 73.9 74.1 85		1.0 0.465 0.0 68.9 22.3 64.8 68.6 71		1.0 0.683 0.0	1.0 0.467 0.0 69.0 22.2 64.9 68.6 71		1.0 0.683 0.0				
87	72	72	1.0 0.7 0.0	79.7 3.6 74.7 74.8 87		1.0 0.477 0.0 69.5 21.2 65.4 68.7 72		1.0 0.7 0.0	1.0 0.481 0.0 69.6 20.9 65.5 68.8 72		1.0 0.7 0.0				
88	73	73	1.0 0.716 0.0	80.8 1.7 75.5 75.5 88		1.0 0.49 0.0 70.0 20.1 65.9 68.9 73		1.0 0.717 0.0	1.0 0.494 0.0 70.2 19.7 66.1 68.9 73		1.0 0.717 0.0				
-269	74	74	1.0 0.733 0.0	81.8 -0.1 76.3 76.3 -269		1.0 0.503 0.0 70.6 19.0 66.4 69.1 74		1.0 0.733 0.0	1.0 0.512 0.0 70.9 18.5 66.7 69.3 74		1.0 0.733 0.0				
-268	75	75	1.0 0.75 0.0	82.9 -2.0 76.9 77.0 -268	R_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				

4-003930-L0 QI090-70 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-QI09; codice di tinte: $H^*_d=R25Y_d$
cerchio delle tinte a 48 passi; $rgb-LabCh^*$ tavole

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

4-003930-F0 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 $RYGCBM_s$: $h_{ab,ds} = 30.0, 90.0, 150.0, 210.0, 270.0, 330.0$;
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}	$LAB^*_{dd361M}(x=LabCh)$	$rgb^*_{ds361Mi}$	$LAB^*_{ds361Mi}(x=LabCh)$	$rgb^*_{dd361Mi}$	$LAB^*_{de361Mi}$	$rgb^*_{dex361Mi}(x=LabCh)$	$rgb^*_{dd361Mi}$	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 QI090-70 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-QI09; codice di tinte: $H^*_d=R25Y_d$
cerchio delle tinte a 48 passi; $rgb-LabCh^*$ tavole

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

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

TUB iscrizione: 20130201-QI09/QI09L0NP.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}	$LAB^*_{d361Mi}(x=LabCh)$	$rgb^*_{ds361Mi}$	$LAB^*_{ds361Mi}(x=LabCh)$	$rgb^*_{dd361Mi}$	$LAB^*_{de361Mi}$	$rgb^*_{dex361Mi}(x=LabCh)$	$rgb^*_{dd361Mi}$	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	53.9	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	0.466	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	0.416	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	0.366	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	0.316	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	0.266	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	0.216	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	0.166	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	0.116	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	0.066	1.0	0.0
153	147	158	0.049	1.0	0.0	55.4	-65.5	32.3	73.0	153	0.049	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	0.016	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

4-0031130-L0 QI090-70 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-QI09; codice di tinte: $H^*_d=R25Y_d$
cerchio delle tinte a 48 passi; $rgb-LabCh$ *tavole

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

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

TUB iscrizione: 20130201-QI09/QI09L0NP.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^*_{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 QI090-70 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-QI09; codice di tinte: $H^*_d=R25Y_d$
cerchio delle tinte a 48 passi; $rgb-LabCh^*$ tavole

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

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

TUB iscrizione: 20130201-QI09/QI09L0NP.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 $RYGCBM_e$: $h_{ab,e} = 25.5, 92.3, 162.2, 217.0, 271.7, 328.6$

Six hue angles of the device colours RYGBCM _d : $h_{ab,d} = 33.5, 100.6, 155.5, 235.2, 290.8, 348.9$; Six hue angles of the elementary colours RYGBCM _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}	$LAB^*_{dd361Mi}(x=LabCh)$	C_d	$rgb^*_{ds361Mi}$	$LAB^*_{dsx361Mi}(x=LabCh)$	C_s	$rgb^*_{dd361Mi}$	$LAB^*_{de361Mi}$	$rgb^*_{de361Mi}$	$LAB^*_{dex361Mi}(x=LabCh)$	C_e	$rgb^*_{dd361Mi}$	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	0.0	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	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	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	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	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	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	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	0.0	0.483	1.0			
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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	rgb^* de361Mi	LAB^* dex361Mi (x=LabCh)	rgb^* dd361Mi	rgb^* dd361Mi	rgb^* dd361Mi	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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
310	287	288	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
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
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
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
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
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
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
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
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
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
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
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
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
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

4-0031430-L0 QI090-70 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-QI09; codice di tinte: $H^*_d=R25Y_d$
cerchio delle tinte a 48 passi; $rgb-LabCh^*$ tavole

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

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

TUB iscrizione: 20130201-QI09/QI09L0NP.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 _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* _{dsx361Mi} (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 cmyn*6, 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 $RYGBM_e$: $h_{ab,e} = 25.5, 92.3, 162.2, 217.0, 271.7, 328.6$

[illegible]

QI090-70	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
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grafico TUB-QI09; codice di tinte: H*d=R25Yd
cerchio delle tinte a 48 passi; *rgb-LabCh** tavole

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

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

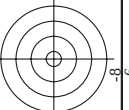
TUB iscrizione: 20130201-QI09/QI09L0NP.PDF /.PS
la domanda per la misura di uscita della stampante laser

TUB materiale: code=rh4ta
zione cmy6 (CMYK)

vedere dei file simili: <http://130.149.60.45/~farbmerrick/Q109/Q109.HTM>
informazioni tecniche: <http://www.ps.barn.de> o <http://130.149.60.45/~farbmerrick>

nf	HIC*Fd	rgb_Fd	icr_Fd	hsa_Fd	rgb_Fd	LabCH*Fd	LabCH*Fd	rgb_Fd	DF*Fd	hsa_d	rgb_Md	LabCH*Md	LabCH*Md
0/648	R00Y_100_100a	1.0	0.0	0.0	1.0	0.0	47.5	57.2	37.8	68.6	33.4	0.0	389
1/657	R13Y_100_100a	1.0	0.125	0.0	1.0	0.116	0.0	51.9	54.3	49.2	42.1	0.0	369
2/666	R25Y_100_100a	1.0	0.25	0.0	1.0	0.233	0.0	57.4	54.5	48.4	42.1	0.0	389
3/675	R38Y_100_100a	1.0	0.375	0.0	1.0	0.366	0.0	64.2	54.5	48.4	42.1	0.0	389
4/684	R50Y_100_100a	1.0	0.5	0.0	1.0	0.5	0.0	70.5	54.5	48.4	42.1	0.0	389
5/693	R63Y_100_100a	1.0	0.625	0.0	1.0	0.633	0.0	75.4	54.5	48.4	42.1	0.0	389
6/702	R75Y_100_100a	1.0	0.75	0.0	1.0	0.766	0.0	83.8	54.5	48.4	42.1	0.0	389
7/711	R88Y_100_100a	1.0	0.875	0.0	1.0	0.883	0.0	87.6	54.5	48.4	42.1	0.0	389
8/720	Y00C_100_100a	1.0	0.0	1.0	0.0	91.5	15.8	84.6	86.1	100.5	0.0	89	100.5
9/639	Y13C_100_100a	0.875	1.0	0.0	0.883	1.0	0.0	92.7	18.0	89.1	0.0	92.7	18.0
10/558	Y25C_100_100a	0.75	1.0	0.0	0.766	1.0	0.0	90.4	20.9	86.5	0.0	90.4	20.9
11/477	Y38C_100_100a	0.625	1.0	0.0	0.633	1.0	0.0	80.5	31.2	69.2	0.0	80.5	31.2
12/396	Y50C_100_100a	0.5	1.0	0.0	0.5	1.0	0.0	70.9	41.7	54.8	0.0	70.9	41.7
13/315	Y63C_100_100a	0.375	1.0	0.0	0.366	1.0	0.0	66.1	47.5	67.7	0.0	66.1	47.5
14/234	Y75C_100_100a	0.25	1.0	0.0	0.233	1.0	0.0	60.1	57.9	39.6	0.0	60.1	57.9
15/153	Y88C_100_100a	0.125	1.0	0.0	0.116	1.0	0.0	56.8	62.5	34.1	0.0	56.8	62.5
16/72	G00C_100_100a	0.0	1.0	0.0	0.0	54.3	67.6	30.8	74.3	155.5	0.0	149	155.5
17/73	G13C_100_100a	0.0	1.0	0.0	0.0	53.8	66.5	23.5	70.5	160.5	0.0	149	160.5
18/74	G25C_100_100a	0.0	1.0	0.0	0.0	53.7	63.6	14.1	65.2	167.4	0.0	149	167.4
19/75	G38C_100_100a	0.0	1.0	0.0	0.0	53.7	57.3	0.8	57.3	179.1	0.0	149	179.1
20/76	G50C_100_100a	0.0	1.0	0.0	0.0	53.7	48.4	0.0	52.2	189.8	0.0	149	189.8
21/77	G63C_100_100a	0.0	1.0	0.0	0.0	53.3	43.8	0.0	44.1	200.4	0.0	149	200.4
22/78	G75C_100_100a	0.0	1.0	0.0	0.0	53.1	39.2	0.0	38.5	215.4	0.0	149	215.4
23/79	G88C_100_100a	0.0	1.0	0.0	0.0	53.1	36.4	0.0	36.7	222.8	0.0	149	222.8
24/80	C00B_100_100a	0.0	1.0	0.0	0.0	53.1	30.0	0.0	43.1	235.1	0.0	210	235.1
25/81	C13B_100_100a	0.0	1.0	0.0	0.0	53.1	28.1	0.0	44.6	237.7	0.0	210	237.7
26/82	C25B_100_100a	0.0	1.0	0.0	0.0	52.9	26.2	0.0	47.2	240.9	0.0	210	240.9
27/83	C38B_100_100a	0.0	1.0	0.0	0.0	50.7	21.1	0.0	49.4	246.8	0.0	210	246.8
28/84	C50B_100_100a	0.0	1.0	0.0	0.0	46.1	13.3	0.0	49.4	254.9	0.0	210	254.9
29/85	C63B_100_100a	0.0	1.0	0.0	0.0	36.6	1.0	0.0	49.4	263.3	0.0	210	263.3
30/26	C75B_100_100a	0.0	1.0	0.0	0.0	23.3	0.0	0.0	49.4	273.8	0.0	210	273.8
31/17	C88B_100_100a	0.0	1.0	0.0	0.0	11.6	0.0	0.0	46.3	282.0	0.0	210	282.0
32/8	B00M_100_100a	0.0	1.0	0.0	0.0	32.5	16.9	0.0	44.6	290.8	0.0	270	290.8
33/89	B13M_100_100a	0.125	1.0	0.0	0.116	0.0	16.9	0.0	44.6	290.8	0.0	270	290.8
34/170	B25M_100_100a	0.25	1.0	0.0	0.233	0.0	16.9	0.0	44.6	290.8	0.0	270	290.8
35/251	B38M_100_100a	0.375	1.0	0.0	0.366	0.0	16.9	0.0	44.6	290.8	0.0	270	290.8
36/332	B50M_100_100a	0.5	1.0	0.0	0.5	0.0	16.9	0.0	44.6	290.8	0.0	270	290.8
37/413	B63M_100_100a	0.625	1.0	0.0	0.633	0.0	16.9	0.0	44.6	290.8	0.0	270	290.8
38/494	B75M_100_100a	0.75	1.0	0.0	0.766	0.0	16.9	0.0	44.6	290.8	0.0	270	290.8
39/575	B88M_100_100a	0.875	1.0	0.0	0.883	0.0	16.9	0.0	44.6	290.8	0.0	270	290.8
40/656	M00R_100_100a	1.0	0.0	1.0	1.0	0.0	48.1	65.4	12.7	66.6	348.9	1.0	48.1
41/655	M13R_100_100a	1.0	0.0	1.0	1.0	0.0	48.1	65.4	12.7	66.6	348.9	1.0	48.1
42/654	M25R_100_100a	1.0	0.0	1.0	1.0	0.0	48.1	65.4	12.7	66.6	348.9	1.0	48.1
43/653	M38R_100_100a	1.0	0.0	1.0	1.0	0.0	48.1	65.4	12.7	66.6	348.9	1.0	48.1
44/652	M50R_100_100a	1.0	0.0	1.0	1.0	0.0	48.1	65.4	12.7	66.6	348.9	1.0	48.1
45/651	M63R_100_100a	1.0	0.0	1.0	1.0	0.0	48.1	65.4	12.7	66.6	348.9	1.0	48.1
46/650	M75R_100_100a	1.0	0.0	1.0	1.0	0.0	48.1	65.4	12.7	66.6	348.9	1.0	48.1
47/649	M88R_100_100a	1.0	0.0	1.0	1.0	0.0	48.1	65.4	12.7	66.6	348.9	1.0	48.1
48/648	R00Y_100_100a	1.0	0.0	0.0	1.0	0.0	47.5	57.2	37.8	68.6	33.4	1.0	47.5
49/0	NW_000a	0.0	0.0	0.0	0.0	0.0	23.8	0.0	0.0	0.0	0.0	0.0	0.0
50/91	NW_013a	0.125	0.0	0.0	0.125	0.0	23.8	0.0	0.0	0.0	0.0	0.0	0.0
51/182	NW_025a	0.25	0.0	0.0	0.25	0.0	23.8	0.0	0.0	0.0	0.0	0.0	0.0
52/273	NW_038a	0.375	0.0	0.0	0.375	0.0	23.8	0.0	0.0	0.0	0.0	0.0	0.0
53/364	NW_050a	0.5	0.0	0.0	0.5	0.0	23.8	0.0	0.0	0.0	0.0	0.0	0.0
54/455	NW_063a	0.625	0.0	0.0	0.625	0.0	23.8	0.0	0.0	0.0	0.0	0.0	0.0
55/546	NW_075a	0.75	0.0	0.0	0.75	0.0	23.8	0.0	0.0	0.0	0.0	0.0	0.0
56/637	NW_088a	0.875	0.0	0.0	0.875	0.0	23.8	0.0	0.0	0.0	0.0	0.0	0.0
57/728	NW_100a	1.0	1.0	1.0	1.0	1.0	95.8	0.0	0.0	0.0	1.0	95.8	0.0

delta E* = 2.9



TUB materiale: code=rha4ta

vedere dei file simili: <http://130.149.60.45/~farbmetrik/QI09/QI09.HTM>
informazioni tecniche: <http://www.ps.bam.de> o <http://130.149.60.45/~farbmetrik>

grafico TUB-QI09; codice di tinte: H*d=R25Yd

QI090-7N, 19/33-F

4-0031830-F0

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[illegible]

vedere dei file simil: <http://130.149.60.45/~farbmetrik/QI09/QI09.HTM>
informazioni tecniche: <http://www.ps.bam.de> o <http://130.149.60.45/~farbmetrik>

grafico TUB-QI09; codice di tinte: H*d=R25Yd

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

[illegible]

vedere dei file simil: <http://130.149.60.45/~farbmetrik/QI09/QI09.HTM>
informazioni tecniche: <http://www.ps.bam.de> o <http://130.149.60.45/~farbmetrik>

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

grafico TUB-QI09; codice di tinte: H*d=R25Yd

	HIC*	h ₅₀ -F ₅₀	rgb*-F ₅₀	LabCH*-F ₅₀	LabCH*-F ₅₀	rgb*-F ₅₀	LabCH*-F ₅₀	DE*-F ₅₀	h ₅₀ Δ	rgb*-M ₅₀	LabCH*-M ₅₀	n																	
486	R00Y_075_075Δ	0.75	0.0	0.0	41.6	28.3	51.4	33.4	0.75	0.0	39.7	47.0	29.4	55.5	32.0	4.6	389	1.0	0.0	0.0	47.5	57.2	37.8	68.6	33.4				
487	R03Y_075_075Δ	0.75	0.0	0.112	41.7	42.2	24.6	48.9	30.3	0.75	0.0	0.125	39.0	46.5	23.4	52.0	26.7	5.1	382	1.0	0.0	0.15	47.6	56.3	32.9	65.2	30.3		
488	R10Y_075_075Δ	0.75	0.0	0.237	41.5	44.2	17.4	45.8	22.3	0.75	0.0	0.25	39.4	47.0	16.3	49.8	19.1	5.2	371	1.0	0.0	0.316	47.0	56.3	32.9	61.1	22.3		
489	R18Y_075_075Δ	0.75	0.0	0.375	41.8	44.2	7.8	44.9	10.0	0.75	0.0	0.375	39.3	48.8	6.0	49.2	7.1	5.5	360	1.0	0.0	0.5	47.8	56.9	10.4	59.9	10.0		
490	B65R_075_075Δ	0.75	0.0	0.512	42.4	47.4	-1.3	47.4	35.8	0.75	0.0	0.5	39.5	52.9	-4.1	53.1	35.5	4	348	1.0	0.0	0.683	48.2	63.2	-1.8	63.2	35.8		
491	B57R_075_075Δ	0.75	0.0	0.637	43.0	49.4	-7.4	49.9	35.1	0.75	0.0	0.625	39.9	55.3	-4.1	56.4	34.8	7.7	337	1.0	0.0	0.85	49.4	65.8	-1.9	66.6	348.9		
492	B50R_075_075Δ	0.75	0.0	0.758	40.0	52.3	-15.4	54.3	34.5	0.75	0.0	0.75	41.1	54.2	-16.4	56.6	34.3	8.6	330	1.0	0.0	1.0	48.1	65.4	-12.7	66.2	348.9		
493	B43R_087_087Δ	0.75	0.0	0.766	0.0	0.0	0.0	42.4	58.8	0.75	0.0	0.75	41.1	54.2	-16.4	56.6	34.3	8.6	330	1.0	0.0	0.866	0.0	1.0	45.4	59.8	-12.7	62.3	343.5
494	B38R_100_100Δ	0.75	0.0	0.5	0.316	0.766	0.0	0.0	0.0	0.75	0.0	0.75	41.1	54.2	-16.4	56.6	34.3	8.6	330	1.0	0.0	0.766	0.0	1.0	45.4	59.8	-12.7	62.3	343.5
495	R15Y_075_075Δ	0.75	0.0	0.112	41.6	42.2	24.6	48.9	30.3	0.75	0.0	0.125	39.0	46.5	23.4	52.0	26.7	5.1	382	1.0	0.0	0.15	47.6	56.3	32.9	65.2	30.3		
496	R03Y_075_075Δ	0.75	0.0	0.237	41.5	44.2	17.4	45.8	22.3	0.75	0.0	0.25	39.4	47.0	16.3	49.8	19.1	5.2	371	1.0	0.0	0.316	47.0	56.3	32.9	61.1	22.3		
497	R10Y_075_075Δ	0.75	0.0	0.375	41.8	44.2	7.8	44.9	10.0	0.75	0.0	0.375	39.3	48.8	6.0	49.2	7.1	5.5	360	1.0	0.0	0.5	47.8	56.9	10.4	59.9	10.0		
498	B65R_075_075Δ	0.75	0.0	0.512	42.4	47.4	-1.3	47.4	35.8	0.75	0.0	0.5	39.5	52.9	-4.1	53.1	35.5	4	348	1.0	0.0	0.683	48.2	63.2	-1.8	63.2	35.8		
499	B57R_075_075Δ	0.75	0.0	0.637	43.0	49.4	-7.4	49.9	35.1	0.75	0.0	0.625	39.9	55.3	-4.1	56.4	34.8	7.7	337	1.0	0.0	0.85	49.4	65.8	-1.9	66.6	348.9		
500	B50R_075_075Δ	0.75	0.0	0.758	40.0	52.3	-15.4	54.3	34.5	0.75	0.0	0.75	41.1	54.2	-16.4	56.6	34.3	8.6	330	1.0	0.0	1.0	48.1	65.4	-12.7	66.2	348.9		
501	B43R_087_087Δ	0.75	0.0	0.766	0.0	0.0	0.0	42.4	58.8	0.75	0.0	0.75	41.1	54.2	-16.4	56.6	34.3	8.6	330	1.0	0.0	0.866	0.0	1.0	45.4	59.8	-12.7	62.3	343.5
502	B40R_100_100Δ	0.75	0.0	0.5	0.316	0.766	0.0	0.0	0.0	0.75	0.0	0.75	41.1	54.2	-16.4	56.6	34.3	8.6	330	1.0	0.0	0.766	0.0	1.0	45.4	59.8	-12.7	62.3	343.5
503	R15Y_075_075Δ	0.75	0.0	0.112	41.6	42.2	24.6	48.9	30.3	0.75	0.0	0.125	39.0	46.5	23.4	52.0	26.7	5.1	382	1.0	0.0	0.15	47.6	56.3	32.9	65.2	30.3		
504	R03Y_075_075Δ	0.75	0.0	0.237	41.5	44.2	17.4	45.8	22.3	0.75	0.0	0.25	39.4	47.0	16.3	49.8	19.1	5.2	371	1.0	0.0	0.316	47.0	56.3	32.9	61.1	22.3		
505	R10Y_075_075Δ	0.75	0.0	0.375	41.8	44.2	7.8	44.9	10.0	0.75	0.0	0.375	39.3	48.8	6.0	49.2	7.1	5.5	360	1.0	0.0	0.5	47.8	56.9	10.4	59.9	10.0		
506	B65R_075_075Δ	0.75	0.0	0.512	42.4	47.4	-1.3	47.4	35.8	0.75	0.0	0.5	39.5	52.9	-4.1	53.1	35.5	4	348	1.0	0.0	0.683	48.2	63.2	-1.8	63.2	35.8		
507	B57R_075_075Δ	0.75	0.0	0.637	43.0	49.4	-7.4	49.9	35.1	0.75	0.0	0.625	39.9	55.3	-4.1	56.4	34.8	7.7	337	1.0	0.0	0.85	49.4	65.8	-1.9	66.6	348.9		
508	B50R_075_075Δ	0.75	0.0	0.758	40.0	52.3	-15.4	54.3	34.5	0.75	0.0	0.75	41.1	54.2	-16.4	56.6	34.3	8.6	330	1.0	0.0	1.0	48.1	65.4	-12.7	66.2	348.9		
509	B43R_087_087Δ	0.75	0.0	0.766	0.0	0.0	0.0	42.4	58.8	0.75	0.0	0.75	41.1	54.2	-16.4	56.6	34.3	8.6	330	1.0	0.0	0.866	0.0	1.0	45.4	59.8	-12.7	62.3	343.5
510	B38R_100_100Δ	0.75	0.0	0.5	0.316	0.766	0.0	0.0	0.0	0.75	0.0	0.75	41.1	54.2	-16.4	56.6	34.3	8.6	330	1.0	0.0	0.766	0.0	1.0	45.4	59.8	-12.7	62.3	343.5
511	R15Y_075_075Δ	0.75	0.0	0.112	41.6	42.2	24.6	48.9	30.3	0.75	0.0	0.125	39.0	46.5	23.4	52.0	26.7	5.1	382	1.0	0.0	0.15	47.6	56.3	32.9	65.2	30.3		
512	R03Y_075_075Δ	0.75	0.0	0.237	41.5	44.2	17.4	45.8	22.3	0.75	0.0	0.25	39.4	47.0	16.3	49.8	19.1	5.2	371	1.0	0.0	0.316	47.0	56.3	32.9	61.1	22.3		
513	R10Y_075_075Δ	0.75	0.0	0.375	41.8	44.2	7.8	44.9	10.0	0.75	0.0	0.375	39.3	48.8	6.0	49.2	7.1	5.5	360	1.0	0.0	0.5	47.8	56.9	10.4	59.9	10.0		
514	B65R_075_075Δ	0.75	0.0	0.512	42.4	47.4	-1.3	47.4	35.8	0.75	0.0	0.5	39.5	52.9	-4.1	53.1	35.5	4	348	1.0	0.0	0.683	48.2	63.2	-1.8	63.2	35.8		
515	B57R_075_075Δ	0.75	0.0	0.637	43.0	49.4	-7.4	49.9	35.1	0.75	0.0	0.625	39.9	55.3	-4.1	56.4	34.8	7.7	337	1.0	0.0	0.85	49.4	65.8	-1.9	66.6	348.9		
516	B50R_075_075Δ	0.75	0.0	0.758	40.0	52.3	-15.4	54.3	34.5	0.75	0.0	0.75	41.1	54.2	-16.4	56.6	34.3	8.6	330	1.0	0.0	1.0	48.1	65.4	-12.7	66.2	348.9		
517	B43R_087_087Δ	0.75	0.0	0.766	0.0	0.0	0.0	42.4	58.8	0.75	0.0	0.75	41.1	54.2	-16.4	56.6	34.3	8.6	330	1.0	0.0	0.866	0.0	1.0	45.4	59.8	-12.7	62.3	343.5
518	B38R_100_100Δ	0.75	0.0	0.5	0.316	0.766	0.0	0.0	0.0	0.75	0.0	0.75	41.1	54.2	-16.4	56.6	34.3	8.6	330	1.0	0.0	0.766	0.0	1.0	45.4	59.8	-12.7	62.3	343.5
519	R15Y_075_075Δ	0.75	0.0	0.112	41.6	42.2	24.6	48.9	30.3	0.75	0.0	0.125	39.0	46.5	23.4	52.0	26.7	5.1	382	1.0	0.0	0.15	47.6	56.3	32.9	65.2	30.3		
520	R03Y_075_075Δ	0.75	0.0	0.237	41.5	44.2	17.4	45.8	22.3	0.75	0.0	0.25	39.4	47.0	16.3	49.8	19.1	5.2	371	1.0	0.0	0.316	47.0	56.3	32.9	61.1	22.3		
521	R10Y_075_075Δ	0.75	0.0	0.375	41.8	44.2	7.8	44.9	10.0	0.75	0.0	0.375	39.3	48.8	6.0	49.2	7.1	5.5	360	1.0	0.0	0.5	47.8	56.9	10.4	59.9	10.0		
522	B65R_075_075Δ	0.75	0.0	0.512	42.4	47.4	-1.3	47.4	35.8	0.75	0.0	0.5	39.5	52.9	-4.1	53.1	35.5	4	348	1.0	0.0	0.683	48.2	63.2	-1.8	63.2	35.8		
523	B57R_075_075Δ	0.75	0.0	0.637	43.0	49.4	-7.4	49.9	35.1	0.75	0.0	0.625	39.9	55.3	-4.1	56.4	34.8	7.7	337	1.0	0.0	0.85	49.4	65.8	-1.9	66.6	348.9		
524	B50R_075_075Δ	0.75	0.0	0.758	40.0	52.3	-15.4	54.3	34.5	0.75	0.0	0.75	41.1	54.2	-16.4	56.6	34.3	8.6	330	1.0	0.0	1.0	48.1	65.4	-12.7	66.2	348.9		
525	B43R_087_087Δ	0.75	0.0	0.766	0.0	0.0	0.0	42.4	58.8	0.75	0.0	0.75	41.1	54.2	-16.4	56.6	34.3	8.6	330	1.0	0.0	0.866	0.0	1.0	45.4	59.8	-12.7	62.3	343.5
526	B38R_100_100Δ	0.75	0.0	0.5	0.316	0.766	0.0	0.0	0.0	0.75	0.0	0.75	41.1	54.2	-16.4	56.6	34.3	8.6	330	1.0	0.0	0.766	0.0	1.0	45.4	59.8	-12.7	62.3	343.5
527	R15Y_075_075Δ	0.75	0.0	0.112	41.6	42.2	24.6	48.9	30.3	0.75	0.0	0.125	39.0	46.5	23.4	52.0	26.7	5.1	382	1.0	0.0	0.15	47.6	56.3	32.9	65.2	30.3		
528	R03Y_075_075Δ	0.75	0.0	0.237	41.5	44.2	17.4	45.8	22.3	0.75	0.0	0.25	39.4	47.0	16.3	49.8	19.1	5.2	371	1.0	0.0	0.316	47.0	56.3	32.9	61.1	22.3		
529	R10Y_075_075Δ	0.75	0.0	0.375	41.8	44.2	7.8	44.9	10.0	0.75	0.0	0.375	39.3	48.8	6.0	49.2	7.1	5.5	360	1.0	0.0	0.5	47.8	56.9	10.4	59.9	10.0		
530	B65R_075_075Δ	0.75	0.0	0.512	42.4	47.4	-1.3	47.4	35.8	0.75	0.0	0.5	39.5	52.9	-4.1	53.1	35.5	4	348	1.0	0.0	0.683	48.2	63.2	-1.8	63.2	35.8		
531	B57R_075_075Δ	0.75	0.0	0.637	43.0	49.4	-7.4	49.9	35.1	0.75	0.0	0.625	39.9	55.3	-4.1	56.4	34.8	7.7	337	1.0	0.0	0.85	49.4	65.8	-1.9	66.6	348.9		
532	B50R_075_075Δ	0.75	0.0	0.758	40.0	52.3	-15.4	54.3	34.5	0.75	0.0	0.75	41.1	54.2	-16.4	56.6	34.3	8.6	330	1.0	0.0	1.0	48.1	65.4	-12.7	66.2			

http://130.149.60.45/~farbmatrik/QI09/QI09L0NP.PDF /PS; uscita di trasferimento N: nessun 3D-linearizzazione (OL) nel file (F) o PS-startup (S), pagina 31/33									
n	H* ^{CH} *d	rgb ^{CH} *d	ic ^{CH} *d	hs ^{CH} *d	Lab ^{CH} *d	rgb ^{CH} *d	Lab ^{CH} *d	DF ^{CH} *d	delta E*
891	NW_100d	1.0	1.0	1.0	95.8	1.0	96.1	0.1	0.0
892	B50R_100.012d	1.0	0.875	1.0	89.8	1.0	91.4	0.1	0.0
893	B50R_100.025d	1.0	0.75	1.0	83.9	1.0	88.4	0.1	0.0
894	B50R_100.037d	1.0	0.625	1.0	77.9	1.0	82.4	0.1	0.0
895	B50R_100.050d	1.0	0.5	1.0	72.0	1.0	76.9	0.1	0.0
896	B50R_100.062d	1.0	0.375	1.0	66.0	1.0	71.0	0.1	0.0
897	B50R_100.075d	1.0	0.25	1.0	60.1	1.0	65.1	0.1	0.0
898	B50R_100.087d	1.0	0.125	1.0	54.1	1.0	59.1	0.1	0.0
899	B50R_100.100d	1.0	0.0	1.0	48.1	1.0	53.1	0.1	0.0
900	GOB_100.012d	0.875	1.0	0.875	90.6	0.875	92.1	0.1	0.0
901	NW_087d	0.875	0.875	0.875	86.8	0.875	88.3	0.1	0.0
902	B50R_087.012d	0.875	0.75	0.875	80.8	0.875	82.3	0.1	0.0
903	B50R_087.025d	0.875	0.625	0.875	74.9	0.875	76.4	0.1	0.0
904	B50R_087.037d	0.875	0.5	0.875	68.9	0.875	70.4	0.1	0.0
905	B50R_087.050d	0.875	0.375	0.875	63.0	0.875	64.5	0.1	0.0
906	B50R_087.062d	0.875	0.25	0.875	57.0	0.875	58.5	0.1	0.0
907	B50R_087.075d	0.875	0.125	0.875	51.1	0.875	52.6	0.1	0.0
908	B50R_087.087d	0.875	0.0	0.875	45.1	0.875	46.6	0.1	0.0
909	GOB_100.025d	0.75	1.0	0.75	85.4	0.75	86.9	0.1	0.0
910	GOB_100.037d	0.75	0.875	0.75	79.5	0.75	81.0	0.1	0.0
911	NW_075d	0.75	0.75	0.75	77.8	0.75	79.3	0.1	0.0
912	B50R_075.012d	0.75	0.625	0.75	71.8	0.75	73.3	0.1	0.0
913	B50R_075.025d	0.75	0.5	0.75	65.9	0.75	67.4	0.1	0.0
914	B50R_075.037d	0.75	0.375	0.75	59.9	0.75	61.4	0.1	0.0
915	B50R_075.050d	0.75	0.25	0.75	54.0	0.75	55.5	0.1	0.0
916	B50R_075.062d	0.75	0.125	0.75	48.1	0.75	49.6	0.1	0.0
917	B50R_075.075d	0.75	0.0	0.75	42.1	0.75	43.6	0.1	0.0
918	GOB_100.037d	0.625	1.0	0.625	80.2	0.625	81.7	0.1	0.0
919	GOB_100.050d	0.625	0.875	0.625	74.3	0.625	75.8	0.1	0.0
920	GOB_100.062d	0.625	0.75	0.625	68.4	0.625	69.9	0.1	0.0
921	B50R_062.012d	0.625	0.625	0.625	62.5	0.625	64.0	0.1	0.0
922	B50R_062.025d	0.625	0.5	0.625	56.6	0.625	58.1	0.1	0.0
923	B50R_062.037d	0.625	0.375	0.625	50.7	0.625	52.2	0.1	0.0
924	B50R_062.050d	0.625	0.25	0.625	44.8	0.625	46.3	0.1	0.0
925	B50R_062.062d	0.625	0.125	0.625	38.9	0.625	40.4	0.1	0.0
926	GOB_100.050d	0.5	1.0	0.5	75.0	0.5	76.5	0.1	0.0
927	GOB_087.037d	0.5	0.875	0.5	69.1	0.5	70.6	0.1	0.0
928	GOB_087.050d	0.5	0.75	0.5	63.2	0.5	64.7	0.1	0.0
929	GOB_087.062d	0.5	0.625	0.5	57.3	0.5	58.8	0.1	0.0
930	GOB_087.075d	0.5	0.5	0.5	51.4	0.5	52.9	0.1	0.0
931	NW_050d	0.5	0.5	0.5	45.5	0.5	47.0	0.1	0.0
932	B50R_050.012d	0.5	0.375	0.5	39.6	0.5	41.1	0.1	0.0
933	B50R_050.025d	0.5	0.25	0.5	33.7	0.5	35.2	0.1	0.0
934	B50R_050.037d	0.5	0.125	0.5	27.8	0.5	29.3	0.1	0.0
935	B50R_050.050d	0.5	0.0	0.5	21.9	0.5	23.4	0.1	0.0
936	GOB_100.062d	0.375	1.0	0.375	69.9	0.375	71.4	0.1	0.0
937	GOB_087.050d	0.375	0.875	0.375	64.0	0.375	65.5	0.1	0.0
938	GOB_087.062d	0.375	0.75	0.375	58.1	0.375	59.6	0.1	0.0
939	GOB_087.075d	0.375	0.625	0.375	52.2	0.375	53.7	0.1	0.0
940	NW_037d	0.375	0.5	0.375	46.3	0.375	47.8	0.1	0.0
941	B50R_037.012d	0.375	0.375	0.375	40.4	0.375	41.9	0.1	0.0
942	B50R_037.025d	0.375	0.25	0.375	34.5	0.375	36.0	0.1	0.0
943	B50R_037.037d	0.375	0.125	0.375	28.6	0.375	30.1	0.1	0.0
944	B50R_037.050d	0.375	0.0	0.375	22.7	0.375	24.2	0.1	0.0
945	GOB_100.075d	0.25	1.0	0.25	64.7	0.25	66.2	0.1	0.0
946	GOB_087.062d	0.25	0.875	0.25	58.8	0.25	60.3	0.1	0.0
947	GOB_087.075d	0.25	0.75	0.25	52.9	0.25	54.4	0.1	0.0
948	GOB_087.087d	0.25	0.625	0.25	47.0	0.25	48.5	0.1	0.0
949	GOB_087.090d	0.25	0.5	0.25	41.1	0.25	42.6	0.1	0.0
950	GOB_087.012d	0.25	0.375	0.25	35.2	0.25	36.7	0.1	0.0
951	NW_025d	0.25	0.25	0.25	29.3	0.25	30.8	0.1	0.0
952	B50R_025.012d	0.25	0.125	0.25	23.4	0.25	24.9	0.1	0.0
953	B50R_025.025d	0.25	0.0	0.25	17.5	0.25	19.0	0.1	0.0
954	GOB_100.087d	0.125	1.0	0.125	59.5	0.125	61.0	0.1	0.0
955	GOB_087.075d	0.125	0.875	0.125	53.6	0.125	55.1	0.1	0.0
956	GOB_087.062d	0.125	0.75	0.125	47.7	0.125	49.2	0.1	0.0
957	GOB_087.050d	0.125	0.625	0.125	41.8	0.125	43.3	0.1	0.0
958	GOB_087.037d	0.125	0.5	0.125	35.9	0.125	37.4	0.1	0.0
959	GOB_087.025d	0.125	0.375	0.125	30.0	0.125	31.5	0.1	0.0
960	GOB_087.012d	0.125	0.25	0.125	24.1	0.125	25.6	0.1	0.0
961	NW_012d	0.125	0.125	0.125	18.2	0.125	19.7	0.1	0.0
962	B50R_012.012d	0.125	0.0	0.125	12.3	0.125	13.8	0.1	0.0
963	GOB_100.100d	0.0	1.0	0.0	48.1	0.0	49.6	0.1	0.0
964	GOB_087.087d	0.0	0.875	0.0	42.2	0.0	43.7	0.1	0.0
965	GOB_087.075d	0.0	0.75	0.0	36.3	0.0	37.8	0.1	0.0
966	GOB_087.062d	0.0	0.625	0.0	30.4	0.0	31.9	0.1	0.0
967	GOB_087.050d	0.0	0.5	0.0	24.5	0.0	26.0	0.1	0.0
968	GOB_087.037d	0.0	0.375	0.0	18.6	0.0	20.1	0.1	0.0
969	GOB_087.025d	0.0	0.25	0.0	12.7	0.0	14.2	0.1	0.0
970	GOB_087.012d	0.0	0.125	0.0	6.8	0.0	8.3	0.1	0.0
971	NW_000d	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0

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

grafico TUB-QI09; codice di tinte: H*d=R25Yd
colori e la differenza, ΔE^*

QI090-7N, 31/33-F

4-003030-F0



TUB materiale: code=rha4ta

vedere dei file simili: <http://130.149.60.45/~farbmetrik/QI09/QI09.HTM>
informazioni tecniche: <http://www.ps.bam.de> o <http://130.149.60.45/~farbmetrik>

grafico TUB-QI09; codice di tinte: H*d=R25Yd
colori e la differenza, ΔE^* ,
immettere: *rgb/cmyk* - > *rgb*d
uscita: trasferire a *cmv*kq

4-0033130-F0

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

[illegible]

TUB iscrizione: 20130201-QI09/QI09L0NP.PDF /.PS
la domanda per la misura di uscita della stampante laser, separazione cmyn6 (CMYK)

TUB materiale: code=rha4ta

vedere dei file simili: <http://130.149.60.45/~farbmetrik/QI09/QI09.HTM>
informazioni tecniche: <http://www.ps.bam.de> o <http://130.149.60.45/~farbmetrik>

<http://130.149.60.45/~farbmetrik/QI09/QI09L0NP.PDF> /.PS; uscita di trasferimento
N: nessun 3D-linearizzazione (OL) nel file (F) o PS-startup (S), pagina 33/33

grafico TUB-QI09; codice di tinte: H*d=R25Yd
colori e la differenza, ΔE^*

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

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_086d	0.866	0.866	0.866	0.866	0.866	0.866	0.1	266.5	0.0	95.8
1054	NW_093d	0.933	0.933	0.933	0.933	0.933	0.933	0.2	278.1	0.0	95.8
1055	NW_100d	1.0	1.0	1.0	1.0	1.0	1.0	0.0	152.8	0.0	95.8
1056	NW_000d	0.0	0.0	0.0	0.0	0.0	0.0	0.2	83.2	0.0	95.8
1057	NW_006d	0.066	0.066	0.066	0.066	0.066	0.066	0.1	48.9	0.0	95.8
1058	NW_013d	0.133	0.133	0.133	0.133	0.133	0.133	0.2	268.2	0.0	95.8
1059	NW_020d	0.2	0.2	0.2	0.2	0.2	0.2	0.7	267.2	0.0	95.8
1060	NW_026d	0.266	0.266	0.266	0.266	0.266	0.266	1.1	269.1	0.0	95.8
1061	NW_033d	0.333	0.333	0.333	0.333	0.333	0.333	1.7	273.2	0.0	95.8
1062	NW_040d	0.4	0.4	0.4	0.4	0.4	0.4	2.3	274.5	0.0	95.8
1063	NW_046d	0.466	0.466	0.466	0.466	0.466	0.466	2.6	268.8	0.0	95.8
1064	NW_053d	0.533	0.533	0.533	0.533	0.533	0.533	3.2	271.9	0.0	95.8
1065	NW_060d	0.6	0.6	0.6	0.6	0.6	0.6	3.8	268.8	0.0	95.8
1066	NW_066d	0.666	0.666	0.666	0.666	0.666	0.666	4.1	265.0	0.0	95.8
1067	NW_073d	0.734	0.734	0.734	0.734	0.734	0.734	3.9	279.5	0.0	95.8
1068	NW_080d	0.8	0.8	0.8	0.8	0.8	0.8	4.0	252.2	0.0	95.8
1069	NW_086d	0.866	0.866	0.866	0.866	0.866	0.866	0.1	331.9	0.0	95.8
1070	NW_093d	0.933	0.933	0.933	0.933	0.933	0.933	0.2	284.6	0.0	95.8
1071	NW_100d	1.0	1.0	1.0	1.0	1.0	1.0	0.0	152.8	0.0	95.8
1072	NW_000d	0.0	0.0	0.0	0.0	0.0	0.0	0.2	83.2	0.0	95.8
1073	ROXY_100_100d	1.0	1.0	1.0	1.0	1.0	1.0	0.0	152.8	0.0	95.8
1074	G50B_100_100d	0.0	0.0	0.0	0.0	0.0	0.0	0.2	83.2	0.0	95.8
1075	Y06C_100_100d	0.0	1.0	1.0	1.0	1.0	1.0	0.0	152.8	0.0	95.8
1076	Y06C_100_100d	1.0	1.0	1.0	1.0	1.0	1.0	0.0	152.8	0.0	95.8
1077	B00R_100_100d	0.0	0.0	1.0	1.0	1.0	1.0	0.0	152.8	0.0	95.8
1078	B00R_100_100d	1.0	1.0	1.0	1.0	1.0	1.0	0.0	152.8	0.0	95.8
1079	B50R_100_100d	1.0	0.0	1.0	1.0	1.0	1.0	0.0	152.8	0.0	95.8

delta E* = 3.0

QI090-7N, 3333-F

4-003320-F0

4-003320-F0

Immettere y uscita: Printer Reflective System FRS06a for relative CIELAB hue $h_{ab,a,rel} = h_{ab}/360 = 46/360 = 0.12$

$H^*_- = R25Y_-$

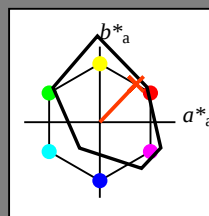
Dati del dispositivo (d) o
colori elementari (e):

HIC^*_-

codice di tonalità per i colori
questa pagina:

$H^*_- = R25Y_-$

triangolo chiarezza T^*



FRS06a; dati atti CIELAB (a)

name	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
R-,Ma	32.5	62.3	46.4	77.7	36
Y-,Ma	82.7	-3.1	113.9	114.0	91
G-,Ma	39.4	-61.8	45.8	76.9	143
C-,Ma	47.8	-26.8	-34.2	43.4	231
B-,Ma	10.1	55.1	-61.0	82.2	312
M-,Ma	34.5	80.6	-33.9	87.5	337
N-,Ma	6.2	0.0	0.0	0.0	0
W-,Ma	91.9	0.0	0.0	0.0	0
R-,CIE	39.9	58.7	27.9	65.0	25
Y-,CIE	81.2	-2.8	71.5	71.6	92
G-,CIE	52.2	-42.4	13.6	44.5	162
B-,CIE	30.5	1.4	-46.4	46.4	271

Il dati per il massimo colore (Ma):

$LabCh^*_-Ma$: 56 48 50 69 46

HIC^*_-Ma : R25Y_100_100-

$rgbic^*_-Ma$:

1.0 0.23 0.0 1.0 1.0

triangolo chiarezza T^*

%Gamma

$u^*_{rel} = 114$

%Regularità

$g^*_{H,rel} = 28$

$g^*_{C,rel} = 38$

ORS20a; dati atti CIELAB (a)

H^*_-	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
R00Y_100_100-	48.4	66.1	40.2	77.3	31
R25Y_100_100-	56.8	48.0	50.5	69.6	46
R50Y_100_100-	68.6	25.0	63.9	68.6	68
R75Y_100_100-	80.6	4.8	77.2	77.3	86
Y00G_100_100-	90.2	-9.6	88.2	88.7	96
Y25G_100_100-	83.2	-18.4	79.9	81.9	102
Y50G_100_100-	73.3	-31.7	62.7	70.2	116
Y75G_100_100-	62.0	-49.7	43.2	65.8	139
G00B_100_100-	55.8	-65.2	33.8	73.4	152
G25B_100_100-	59.3	-50.3	-9.0	51.0	190
G50B_100_100-	63.0	-30.5	-42.0	51.9	234
G75B_100_100-	45.7	-5.7	-44.6	44.9	262
B00R_100_100-	27.5	25.9	-47.3	53.9	298
B25R_100_100-	38.3	52.6	-28.5	59.8	331
B50R_100_100-	49.5	73.5	-9.0	74.0	353
B75R_100_100-	48.9	69.3	12.9	70.4	10

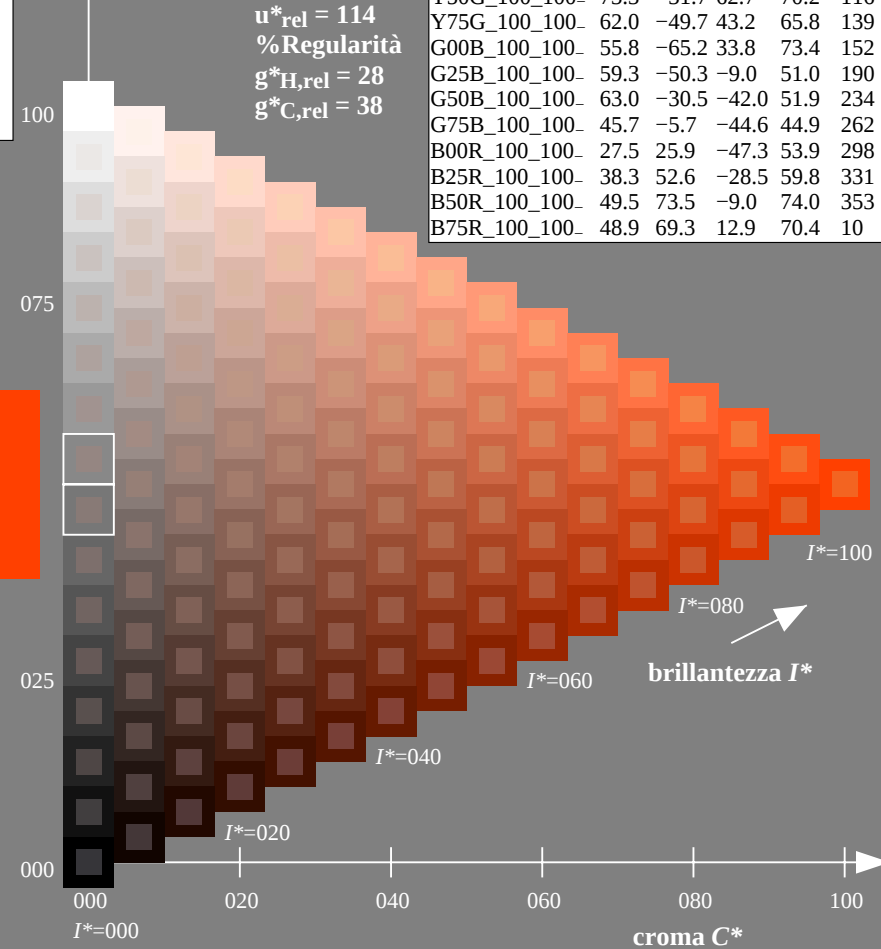
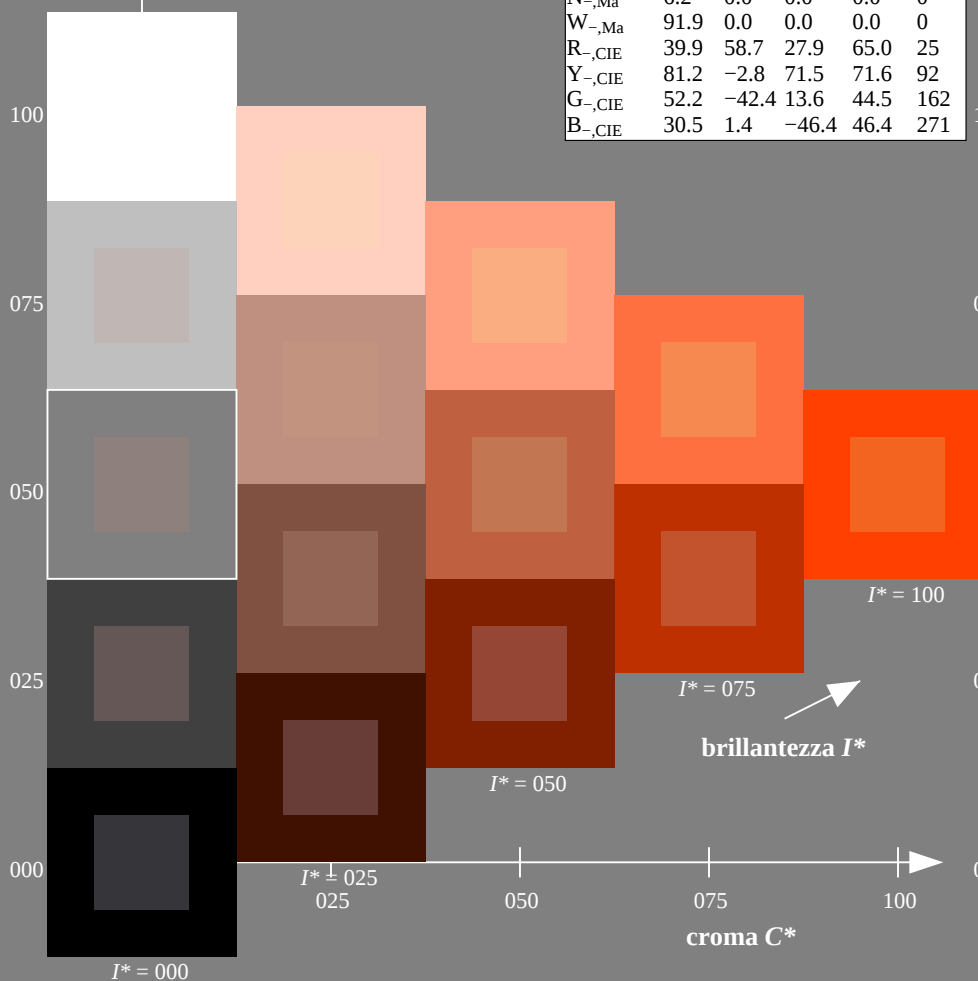


grafico TUB-QI09; codice di tinte: $H^*_- = R25Y_-$
grafico conformemente a DIN 33872, 3D=0, de=1, cmyk

immettere: $rgb/cmyk \rightarrow rgb/cmyk$
uscita: nessun cambiamento

TUB iscrizione: 20130201-QI09/QI09L0NP.PDF /.PS
la domanda per la misura di uscita della stampante laser

TUB materiale: code=rha4ta

Immettere y uscita: Printer Reflective System FRS06a for relative CIELAB hue $h_{ab,a,rel} = h_{ab}/360 = 41/360 = 0.11$

$H^*_e = R25Y_e$

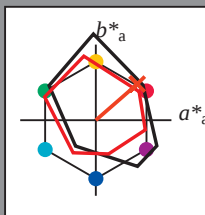
Dati del dispositivo (d) o colori elementari (e):

HIC^*_e

codice di tonalità per i colori questa pagina:

$H^*_e = R25Y_e$

triangolo chiarezza T^*



LRS18a; dati atti CIELAB (a)

name	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
$R_{e,Ma}$	47.5	56.0	26.7	62.1	25
$Y_{e,Ma}$	83.6	-3.1	76.8	76.9	92
$G_{e,Ma}$	53.8	-65.9	21.1	69.2	162
$C_{e,Ma}$	54.9	-38.7	-29.1	48.4	216
$B_{e,Ma}$	37.3	1.4	-48.6	48.7	271
$M_{e,Ma}$	38.5	46.7	-28.5	54.7	328
$N_{e,Ma}$	23.8	0.0	0.0	0.0	0
$W_{e,Ma}$	95.8	0.0	0.0	0.0	0
$R_{e,CIE}$	39.9	58.7	27.9	65.0	25
$Y_{e,CIE}$	81.2	-2.8	71.5	71.6	92
$G_{e,CIE}$	52.2	-42.4	13.6	44.5	162
$B_{e,CIE}$	30.5	1.4	-46.4	46.4	271

Il dati per il massimo colore (Ma):

$LabCh^*_{e,Ma}$: 51 54 47 72 41

$HIC^*_{e,Ma}$: R25Y_100_100_e

$rgbic^*_{e,Ma}$:

1.0 0.1 0.0 1.0 1.0

triangolo chiarezza T^*

%Gamma

$u^*_{rel} = 114$

%Regularità

$g^*_{H,rel} = 28$

$g^*_{C,rel} = 38$

LRS18a; dati atti CIELAB (a)

H^*_e	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
$R00Y_{100_100_e}$	47.5	56.0	26.7	62.1	25
$R25Y_{100_100_e}$	51.4	54.8	47.7	72.6	41
$R50Y_{100_100_e}$	61.8	35.2	58.4	68.2	58
$R75Y_{100_100_e}$	72.3	16.1	68.2	70.1	76
$Y00G_{100_100_e}$	83.6	-3.1	76.8	76.9	92
$Y25G_{100_100_e}$	85.8	-26.4	78.5	82.9	108
$Y50G_{100_100_e}$	71.0	-41.7	54.8	68.9	127
$Y75G_{100_100_e}$	59.9	-58.2	39.3	70.2	145
$G00B_{100_100_e}$	53.8	-65.9	21.1	69.2	162
$G25B_{100_100_e}$	55.0	-51.6	-8.7	52.3	189
$G50B_{100_100_e}$	54.9	-38.7	-29.1	48.4	216
$G75B_{100_100_e}$	51.7	-23.3	-48.6	53.9	244
$B00R_{100_100_e}$	37.3	1.4	-48.6	48.7	271
$B25R_{100_100_e}$	31.5	24.4	-41.9	48.5	300
$B50R_{100_100_e}$	38.5	46.7	-28.5	54.7	328
$B75R_{100_100_e}$	49.4	65.5	-9.1	66.2	352

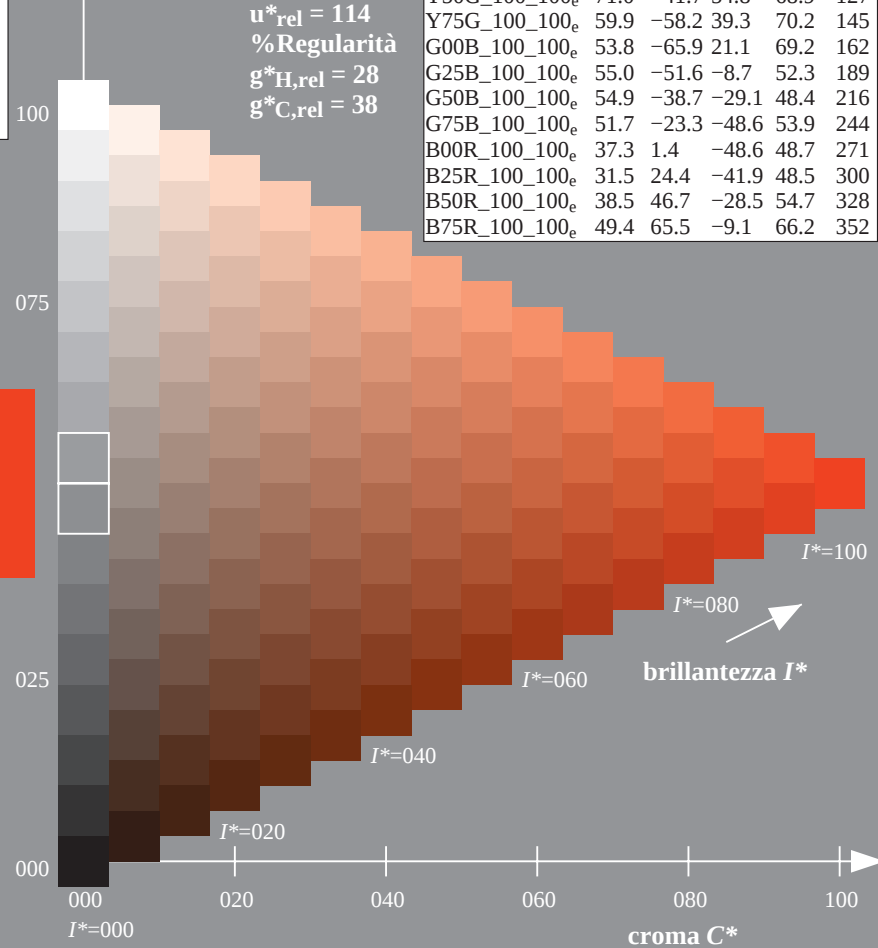
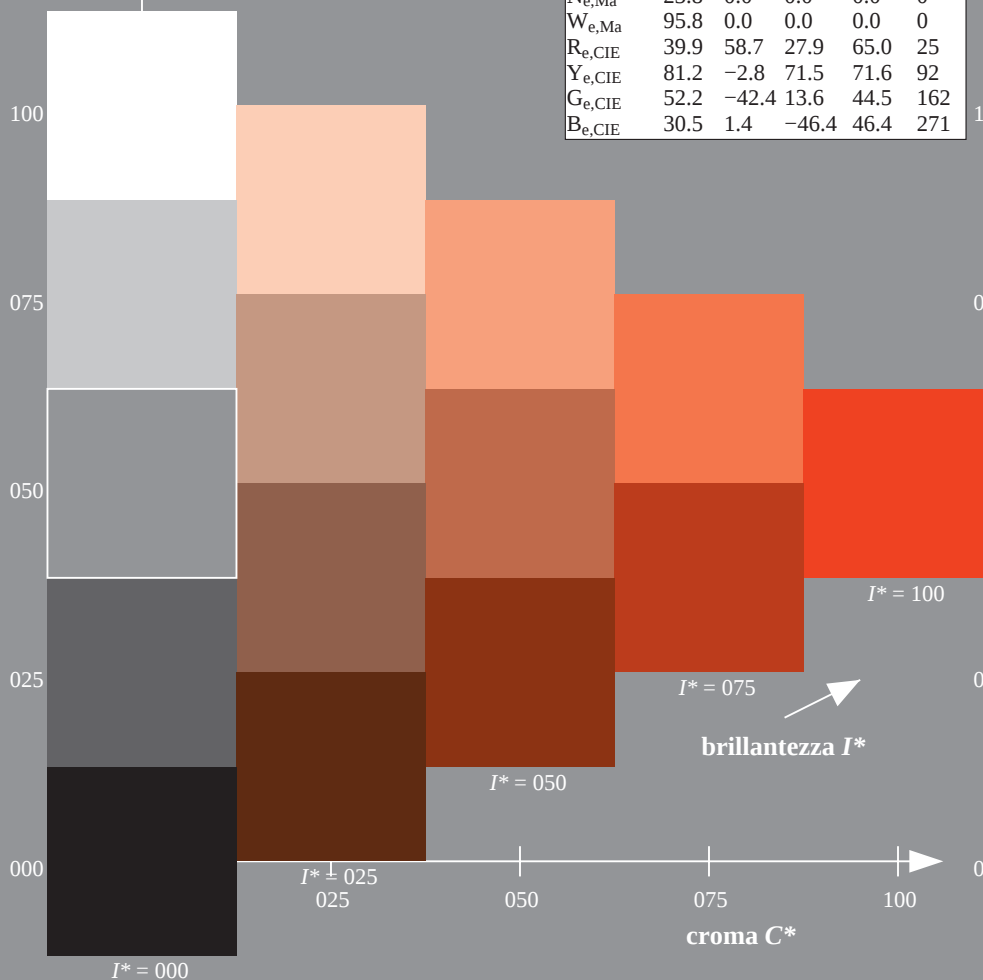


grafico TUB-QI09; codice di tinte: $H^*_e=R25Y_e$
grafico conformemente a DIN 33872, 3D=0, de=1, cmyk

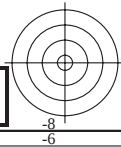
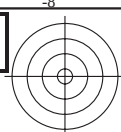
immettere: $rgb/cmyk \rightarrow rgb_e$
uscita: trasferire a $cmyk_e$

TUB iscrizione: 20130201-QI09/QI09L0NP.PDF /.PS
la domanda per la misura di uscita della stampante laser, separazione cmyk6 (CMYK)

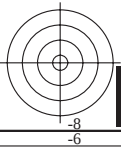
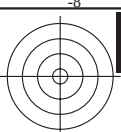
TUB materiale: code=rh4ta

TUB iscrizione: 20130201-QI09/QI09L0NP.PDF /.PS
la domanda per la misura di uscita della stampante laser, separazione cmy_n6 (CMYK)

TUB materiale: code=rha4ta



http://130.149.60.45/~farbmetrik/QI09/QI09L0NP.PDF /.PS; uscita di trasferimento
N: nessun 3D-linearizzazione (OL) nel file (F) o PS-startup (S), pagina 3/33



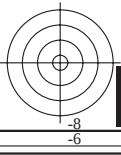
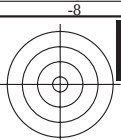
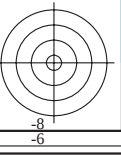
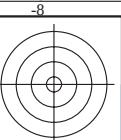
vedere dei file simili: <http://130.149.60.45/~farbmetrik/QI09/QI09L0NP.PDF>
informazioni tecniche: <http://www.ps.bam.de> o <http://130.149.60.45/~farbmetrik>

grafico TUB-QI09; codice di tinte: $H^*_e=R25Y_e$
grafico conformemente a DIN 33872, 3D=0, de=1, cmyk

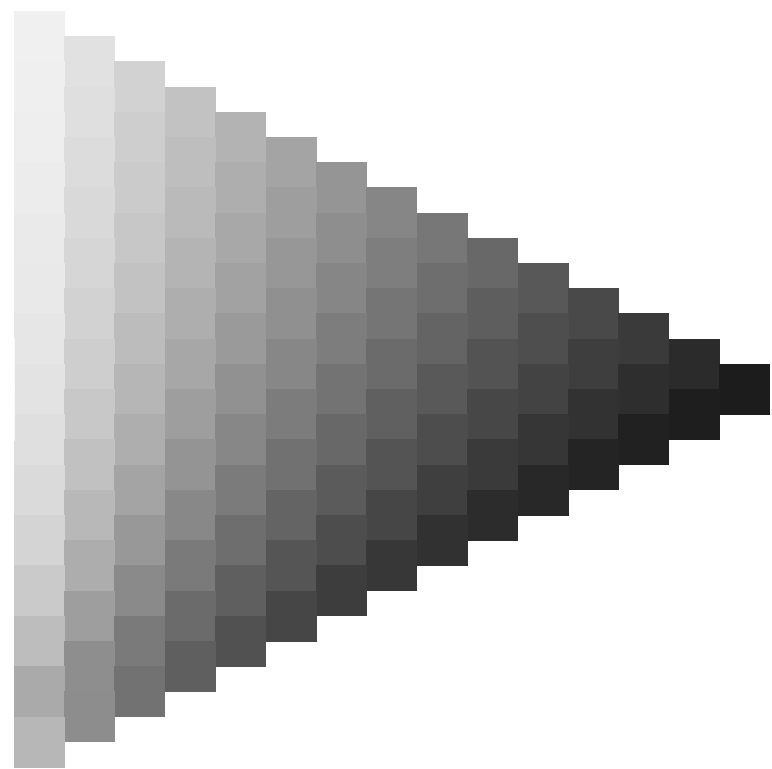
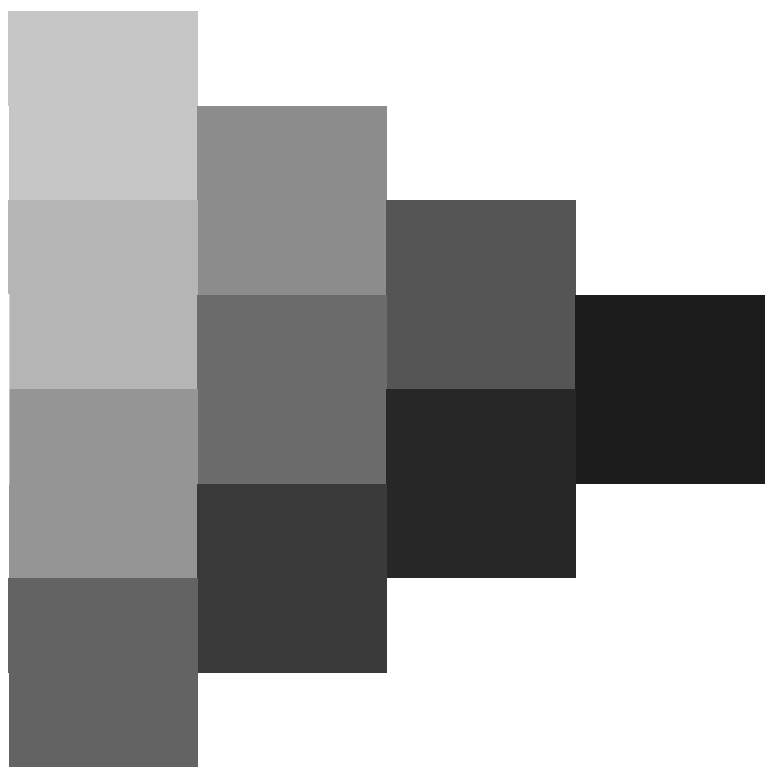
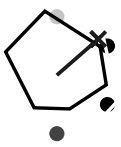
immettere: $rgb/cmyk \rightarrow rgb_e$
uscita: trasferire a $cmyk_e$

4-013230-L0 QI090-71

4-013230-F0



vedere dei file simili: <http://130.149.60.45/~farbmetrik/QI09/QI09.HTM>
informazioni tecniche: <http://www.ps.bam.de> o <http://130.149.60.45/~farbmetrik>

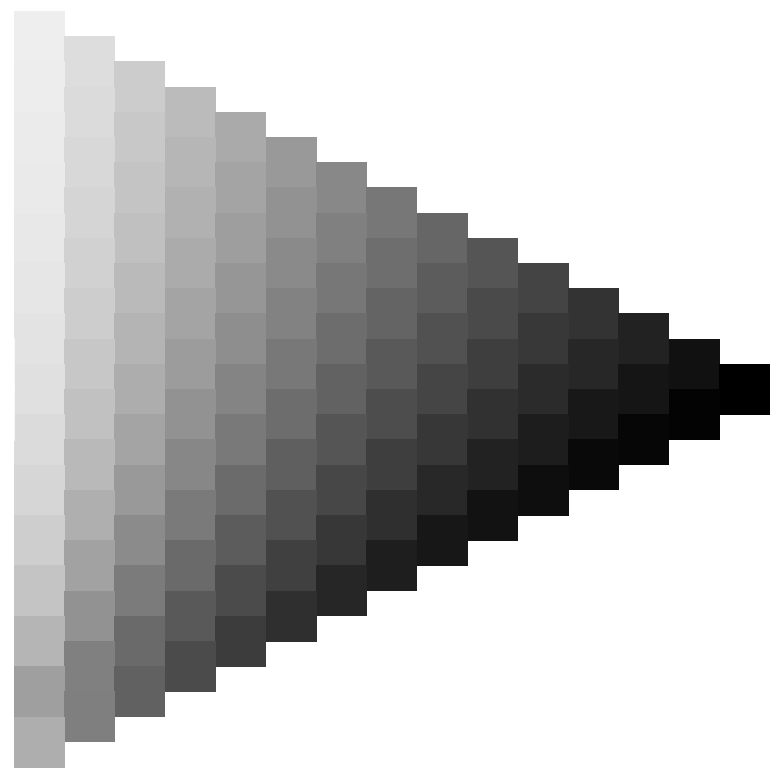
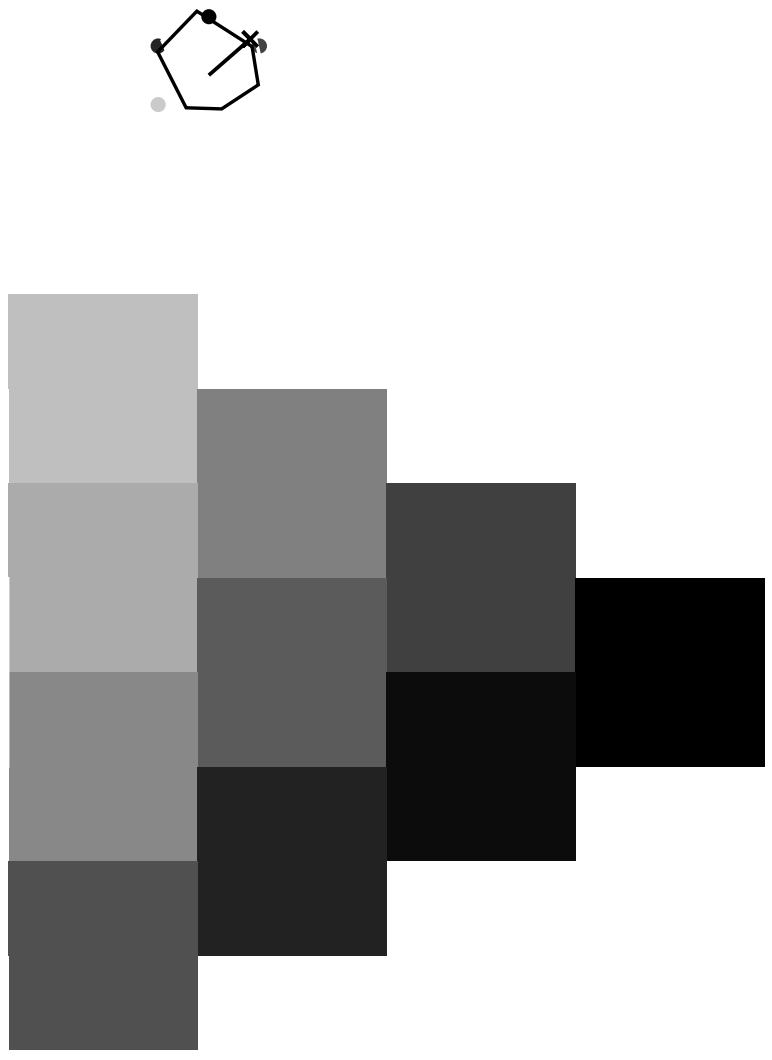


4-013330-L0 QI090-71

grafico TUB-QI09; codice di tinte: $H^*_e=R25Y_e$
grafico conformemente a DIN 33872, 3D=0, de=1, cmyk

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

4-013330-E0



Immettere y uscita: Printer Reflective System FRS06a for relative CIELAB hue $h_{ab,a,rel} = h_{ab}/360 = 41/360 = 0.11$

$H^*_e = R25Y_e$

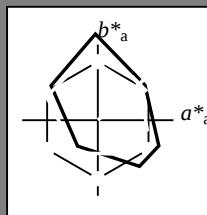
Dati del dispositivo (d) o
colori elementari (e):

HIC^*_e

codice di tonalità per i colori
questa pagina:

$H^*_e = R25Y_e$

triangolo chiarezza T^*



LRS18a; dati atti CIELAB (a)

name	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
$R_{e,Ma}$	47.5	56.0	26.7	62.1	25
$Y_{e,Ma}$	83.6	-3.1	76.8	76.9	92
$G_{e,Ma}$	53.8	-65.9	21.1	69.2	162
$C_{e,Ma}$	54.9	-38.7	-29.1	48.4	216
$B_{e,Ma}$	37.3	1.4	-48.6	48.7	271
$M_{e,Ma}$	38.5	46.7	-28.5	54.7	328
$N_{e,Ma}$	23.8	0.0	0.0	0.0	0
$W_{e,Ma}$	95.8	0.0	0.0	0.0	0
$R_{e,CIE}$	39.9	58.7	27.9	65.0	25
$Y_{e,CIE}$	81.2	-2.8	71.5	71.6	92
$G_{e,CIE}$	52.2	-42.4	13.6	44.5	162
$B_{e,CIE}$	30.5	1.4	-46.4	46.4	271

Il dati per il massimo colore (Ma):

$LabCh^*_{e,Ma}$: 51 54 47 72 41

$HIC^*_{e,Ma}$: R25Y_100_100_e

$rgbic^*_{e,Ma}$:

1.0 0.1 0.0 1.0 1.0

triangolo chiarezza T^*

%Gamma

$u^*_{rel} = 114$

%Regularità

$g^*_{H,rel} = 28$

$g^*_{C,rel} = 38$

LRS18a; dati atti CIELAB (a)

H^*_e	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
$R00Y_{100_100_e}$	47.5	56.0	26.7	62.1	25
$R25Y_{100_100_e}$	51.4	54.8	47.7	72.6	41
$R50Y_{100_100_e}$	61.8	35.2	58.4	68.2	58
$R75Y_{100_100_e}$	72.3	16.1	68.2	70.1	76
$Y00G_{100_100_e}$	83.6	-3.1	76.8	76.9	92
$Y25G_{100_100_e}$	85.8	-26.4	78.5	82.9	108
$Y50G_{100_100_e}$	71.0	-41.7	54.8	68.9	127
$Y75G_{100_100_e}$	59.9	-58.2	39.3	70.2	145
$G00B_{100_100_e}$	53.8	-65.9	21.1	69.2	162
$G25B_{100_100_e}$	55.0	-51.6	-8.7	52.3	189
$G50B_{100_100_e}$	54.9	-38.7	-29.1	48.4	216
$G75B_{100_100_e}$	51.7	-23.3	-48.6	53.9	244
$B00R_{100_100_e}$	37.3	1.4	-48.6	48.7	271
$B25R_{100_100_e}$	31.5	24.4	-41.9	48.5	300
$B50R_{100_100_e}$	38.5	46.7	-28.5	54.7	328
$B75R_{100_100_e}$	49.4	65.5	-9.1	66.2	352

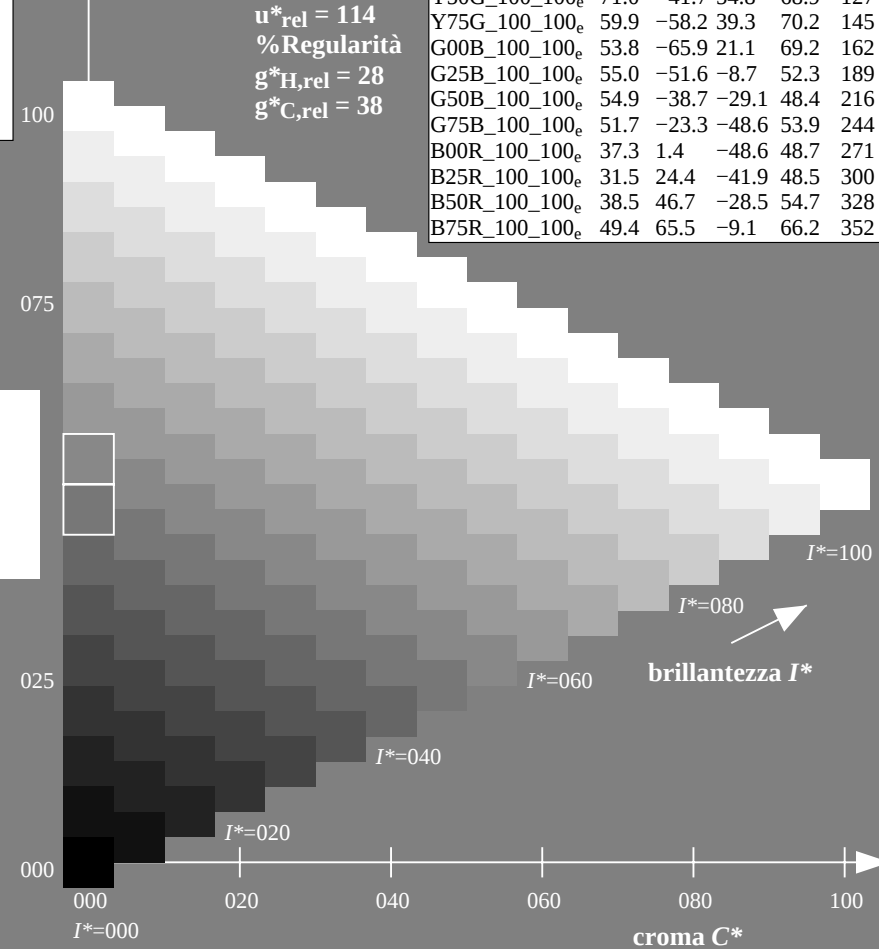
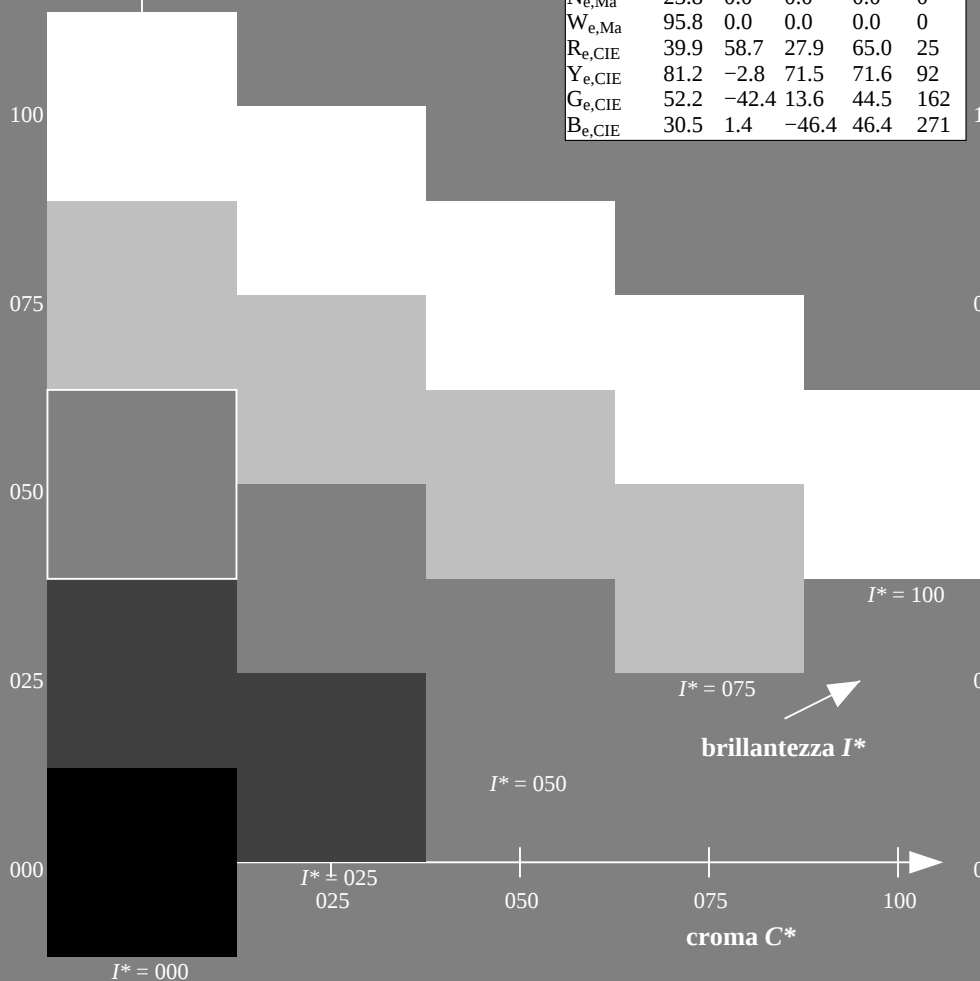


grafico TUB-QI09; codice di tinte: $H^*_e=R25Y_e$
grafico conformemente a DIN 33872, 3D=0, de=1, cmyk

immettere: $rgb/cmyk \rightarrow rgb_e$
uscita: 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 $RYGCBM_s$: $h_{ab,ds} = 30.0, 90.0, 150.0, 210.0, 270.0, 330.0$;
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 $RYGCBM_e$: $h_{ab,e} = 25.5, 92.3, 162.2, 217.0, 271.7, 328.6$

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

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

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

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

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

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

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

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

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

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

$h_{ab,s}$

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

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

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

$h_{ab,e}$

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

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

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

$h_{ab,d}$

rgb^*_{de}

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 $RYGBM_s$: $h_{ab,s} = 30.0, 90.0, 150.0, 210.0, 270.0, 330.0$; 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 $RYGBM_e$: $h_{ab,e} = 25.5, 92.3, 162.2, 217.0, 271.7, 328.6$

h _{ab,d}	h _{ab,s}	h _{ab,e}	rgb* _{dd64M}	LAB* _{ddx64M (x=LabCh)}	rgb* _{ddx361M}	LAB* _{ddx361M (x=LabCh)}	rgb* _{dxx361M}	LAB* _{dxx361M (x=LabCh)}	rgb* _{dxx361M}	LAB* _{dxx361M}
33.4	30.0	25.4	1.0 0.0 0.0	47.5 57.2 37.8 68.6 33.4	1.0 0.0 0.0	47.6 57.2 37.9 68.6 33	1.0 0.0 0.158	47.7 56.3 32.5 65.0 30	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	1.0 0.117 0.0	51.7 54.6 48.5 73.0 41	1.0 0.05 0.0	49.4 56.3 42.4 70.5 37	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	1.0 0.25 0.0	58.3 41.8 55.2 69.2 52	1.0 0.158 0.0	53.6 51.1 51.1 72.2 45	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	1.0 0.367 0.0	64.2 30.6 60.1 67.5 63	1.0 0.24 0.0	57.8 42.8 54.8 69.6 52	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	1.0 0.5 0.0	70.5 19.2 66.3 69.0 73	1.0 0.332 0.0	62.5 34.0 58.9 68.0 60	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	1.0 0.617 0.0	74.6 12.0 70.5 71.5 80	1.0 0.416 0.0	66.6 26.5 62.5 67.9 67	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	1.0 0.75 0.0	83.0 -1.9 77.0 77.0 -268	1.0 0.521 0.0	71.3 18.0 67.1 69.5 75	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	1.0 0.867 0.0	87.3 -8.5 75.9 76.4 96	1.0 0.639 0.0	75.8 10.1 71.6 72.3 82	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	1.0 1.0 0.0	91.6 -15.7 84.7 86.2 100	1.0 0.732 0.0	81.8 0.0 76.3 76.3 90	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	0.883 1.0 0.0	92.7 -17.9 89.1 90.9 101	1.0 0.88 0.0	87.8 -9.3 76.2 76.7 97	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	0.75 1.0 0.0	90.1 -21.3 86.0 88.7 103	0.738 1.0 0.0	89.2 -22.5 84.4 87.4 105	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	0.633 1.0 0.0	80.6 -31.1 69.2 75.9 114	0.659 1.0 0.0	82.7 -29.4 73.0 78.8 112	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	0.5 1.0 0.0	71.0 -41.7 54.8 68.9 127	0.574 1.0 0.0	76.3 -36.2 62.8 72.6 120	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	0.383 1.0 0.0	66.9 -47.1 48.5 67.7 134	0.503 1.0 0.0	71.2 -41.5 55.2 69.1 127	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	0.25 1.0 0.0	60.6 -57.2 40.5 70.1 144	0.372 1.0 0.0	66.4 -47.8 47.9 67.7 135	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	0.133 1.0 0.0	57.3 -61.8 34.8 71.0 150	0.284 1.0 0.0	62.3 -54.6 42.7 69.4 142	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	0.0 1.0 0.0	54.3 -67.6 30.8 74.4 155	0.146 1.0 0.0	57.6 -61.3 35.5 70.9 150	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	0.0 1.0 0.117	53.9 -66.4 23.5 70.6 160	0.0 1.0 0.035	54.2 -67.3 28.6 73.2 157	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	0.0 1.0 0.25	53.8 -63.1 12.8 64.4 168	0.0 1.0 0.192	53.8 -64.7 17.4 67.1 165	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	0.0 1.0 0.367	54.7 -57.2 0.8 57.3 179	0.0 1.0 0.288	54.1 -61.4 8.6 62.1 172	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	0.0 1.0 0.5	55.0 -51.4 -8.8 52.2 189	0.0 1.0 0.375	54.8 -56.7 0.0 56.8 180	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	0.0 1.0 0.617	55.3 -44.6 -19.3 48.8 203	0.0 1.0 0.464	55.0 -53.0 -6.4 53.5 187	0.0 1.0 0.553	55.2 -48.6 -13.9 50.7 195
214.4	195.0	210.2	0.0 1.0 0.75	55.2 -39.5 -27.1 47.9 214.4	0.0 1.0 0.75	55.2 -39.4 -27.0 47.9 214	0.0 1.0 0.544	55.2 -49.1 -13.1 50.9 195	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	0.0 1.0 0.867	54.5 -36.9 -32.6 49.4 221	0.0 1.0 0.604	55.3 -45.5 -18.3 49.1 202	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	0.0 1.0 1.0	53.1 -29.9 -43.0 52.5 235	0.0 1.0 0.694	55.3 -41.6 -24.0 48.2 210	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	0.0 0.883 1.0	53.1 -28.0 -44.5 52.8 237	0.0 1.0 0.792	55.0 -38.6 -29.1 48.5 217	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	0.0 0.75 1.0	52.9 -25.8 -47.5 54.2 241	0.0 1.0 0.904	54.2 -35.4 -35.4 50.2 225	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	0.0 0.633 1.0	50.7 -21.1 -49.3 53.8 246	0.0 1.0 0.97	53.5 -31.8 -40.7 51.8 232	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	0.0 0.5 1.0	46.2 -13.2 -49.3 51.2 254	0.0 0.801	1.0 53.0 -26.7 -46.3 53.6 240	0.0 0.686	1.0 51.7 -23.3 -48.5 54.0 244
262.6	245.5	251.2	0.0 0.375 1.0	41.4 -6.3 -49.2 49.6 262.6	0.0 0.383 1.0	41.7 -6.7 -49.2 49.8 262	0.0 0.63	1.0 50.7 -20.9 -49.4 53.8 247	0.0 0.568	1.0 48.6 -17.2 -49.5 52.6 250
272.6	250.5	258.0	0.0 0.25 1.0	36.8 2.2 -48.5 48.6 272.6	0.0 0.25 1.0	36.9 2.2 -48.5 48.6 272	0.0 0.499	1.0 46.1 -13.1 -49.3 51.2 245	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	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 0.353	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	0.0 0.0 1.0	32.6 16.9 -44.5 47.7 290	0.0 0.283	1.0 38.1 0.0 -48.8 48.9 270	0.0 0.261	1.0 37.3 1.5 -48.6 48.7 277
299.2	277.5	278.8	0.125 0.0 1.0	31.6 23.6 -42.2 48.4 299.2	0.117 0.0 1.0	31.7 23.2 -42.3 48.4 298	0.0 0.188	1.0 36.0 5.8 -47.5 48.0 277	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	0.25 0.0 1.0	31.0 30.6 -39.3 49.9 307	0.0 0.078	1.0 34.1 12.3 -45.8 47.5 285	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	0.367 0.0 1.0	34.0 37.8 -35.3 51.7 316	0.018 0.0 1.0	32.4 17.9 -44.2 47.8 292	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	0.5 0.0 1.0	37.2 43.2 -30.8 53.1 324	0.136 0.0 1.0	31.6 24.3 -41.9 48.5 300	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	0.617 0.0 1.0	39.0 48.1 -27.4 55.4 330	0.238 0.0 1.0	31.1 29.9 -39.6 49.7 307	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	0.75 0.0 1.0	41.9 55.2 -21.4 59.2 338	0.343 0.0 1.0	33.4 36.3 -36.2 51.4 315	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	0.867 0.0 1.0	45.4 59.8 -17.5 62.4 343	0.456 0.0 1.0	36.2 41.5 -32.3 52.7 322	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	1.0 0.0 1.0	48.2 65.4 -12.7 66.7 348	0.612 0.0 1.0	38.9 47.9 -27.6 55.4 330	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	1.0 0.0 0.883	49.5 66.1 -10.8 67.0 350	0.723 0.0 1.0	41.3 53.8 -22.7 58.4 337	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	1.0 0.0 0.75	49.3 64.6 -6.5 64.9 354	0.902 0.0 1.0	46.2 61.3 -16.3 63.5 345	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	1.0 0.0 0.633	48.1 62.0 1.6 62.0 361	1.0 0.0 0.83	49.5 65.6 -9.1 66.3 352	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	1.0 0.0 0.5	47.8 59.0 10.4 59.9 370	1.0 0.0 0.657	48.3 62.6 0.0 62.6 360	1.0 0.0 0.828	49.5 65.6 -9.0 62.6 352
378.9	367.5	364.1	1.0 0.0 0.375	47.4 56.8 19.5 60.0 378.9	1.0 0.0 0.383	47.4 57.0 18.9 60.1 378	1.0 0.0 0.547	47.9 60.2 7.4 60.6 367	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	1.0 0.0 0.25	47.6 55.9 27.6 62.4 386	1.0 0.0 0.43	47.6 58.0 15.5 60.0 375	1.0 0.0 0.519	47.8 59.5 9.2 60.2 366
391.3	382.5	378.3	1.0 0.0 0.125	47.6 56.3 34.2 65.9 391.3	1.0 0.0 0.133	47.7 56.4 33.8 65.7 390	1.0 0.0 0.323	47.5 56.6 22.9 61.0 382	1.0 0.0 0.408	47.5 57.6 17.1 60.0 378
393.4	390.0	385.4	1.0 0.0 0.0	47.5 57.2 37.8 68.6 393.4	1.0 0.0 0.0	47.6 57.2 37.9 68.6 393	1.0 0.0 0.158	47.7 56.3 32.5 65.0 390	1.0 0.0 0.263	47.6 56.1 26.7 62.1 388

QI090-71	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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grafico TUB-QI09; codice di tinte: H*e=R25Y_e
cerchio delle tinte a 48 passi; *rgb-LabCh** tavole

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

uscita: Laser printer output; separation cmyk6*, D65, pagina 8/33

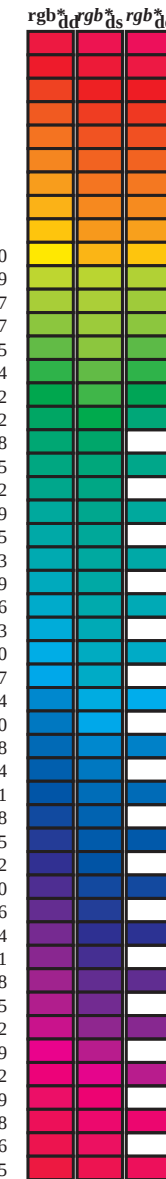
TUB iscrizione: 20130201-QI09/QI09L0NP.PDF /.PS
la domanda per la misura di uscita della stampante la

TUB materiale: code=rha4ta
zione cmykn6 (CMYK)

vedere dei file simili: <http://130.149.60.45/~farbmeterik/Q109/Q109.HTM>
informazioni tecniche: <http://www.ps.bam.de> o <http://130.149.60.45/~farbmeterik/>

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^* 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



4-013830-L0 QI090-71 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

grafico TUB-QI09; codice di tinte: $H^*_e=R25Y_e$
cerchio delle tinte a 48 passi; $rgb-LabCh^*$ tavole

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

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

TUB iscrizione: 20130201-QI09/QI09L0NP.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 $RYGCBM_e$: $h_{ab,e} = 25.5, 92.3, 162.2, 217.0, 271.7, 328.6$

Six hue angles of the device colours RYGBCM _d : $h_{ab,d} = 33.5, 100.6, 155.5, 235.2, 290.8, 348.9$; Six hue angles of the elementary colours RYGBCM _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	$rgb^*_{dd361Mi}$	$rgb^*_{de361Mi}$	$LAB^*_{dex361Mi} (x=LabCh)$	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 0.158 47.7 56.3 32.5 65.0 30		1.0 0.0 0.0	1.0 0.0 0.263 47.6 56.1 26.7 62.1 25		1.0 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 0.133 47.7 56.4 33.9 65.8 31		1.0 0.017 0.0	1.0 0.0 0.242 47.6 56.0 28.0 62.6 26		1.0 0.017 0.0					
35	32	27	1.0 0.033 0.0	48.7 56.6 40.8 69.8 35		1.0 0.0 0.085 47.7 56.7 35.4 66.8 32		1.0 0.033 0.0	1.0 0.0 0.214 47.6 56.1 29.5 63.4 27		1.0 0.033 0.0					
36	33	28	1.0 0.05 0.0	49.3 56.3 42.3 70.4 36		1.0 0.0 0.028 47.6 57.1 37.0 68.0 33		1.0 0.05 0.0	1.0 0.0 0.187 47.6 56.2 30.9 64.2 28		1.0 0.05 0.0					
38	34	29	1.0 0.066 0.0	49.9 55.9 43.9 71.1 38		1.0 0.007 0.0 47.8 57.1 38.5 68.9 34		1.0 0.067 0.0	1.0 0.0 0.159 47.7 56.3 32.4 65.0 29		1.0 0.067 0.0					
39	35	31	1.0 0.083 0.0	50.5 55.5 45.4 71.7 39		1.0 0.022 0.0 48.4 56.9 39.8 69.4 35		1.0 0.083 0.0	1.0 0.0 0.132 47.7 56.4 33.9 65.8 31		1.0 0.083 0.0					
40	36	32	1.0 0.1 0.0	51.0 55.0 46.9 72.3 40		1.0 0.036 0.0 48.9 56.6 41.1 70.0 36		1.0 0.1 0.0	1.0 0.0 0.076 47.6 56.7 35.7 67.0 32		1.0 0.1 0.0					
41	37	33	1.0 0.116 0.0	51.6 54.5 48.4 72.9 41		1.0 0.05 0.0 49.4 56.3 42.4 70.5 37		1.0 0.117 0.0	1.0 0.0 0.012 47.6 57.2 37.5 68.4 33		1.0 0.117 0.0					
42	38	34	1.0 0.133 0.0	52.3 53.4 49.7 73.0 42		1.0 0.065 0.0 49.9 56.0 43.7 71.0 38		1.0 0.133 0.0	1.0 0.013 0.0 48.0 57.0 39.0 69.1 34		1.0 0.133 0.0					
44	39	35	1.0 0.15 0.0	53.2 51.8 50.6 72.4 44		1.0 0.079 0.0 50.4 55.6 45.0 71.6 39		1.0 0.15 0.0	1.0 0.029 0.0 48.6 56.7 40.5 69.7 35		1.0 0.15 0.0					
45	40	36	1.0 0.166 0.0	54.0 50.2 51.5 71.9 45		1.0 0.094 0.0 50.9 55.2 46.4 72.1 40		1.0 0.167 0.0	1.0 0.045 0.0 49.2 56.4 41.9 70.3 36		1.0 0.167 0.0					
47	41	37	1.0 0.183 0.0	54.9 48.5 52.3 71.4 47		1.0 0.108 0.0 51.4 54.8 47.7 72.7 41		1.0 0.183 0.0	1.0 0.061 0.0 49.7 56.1 43.4 70.9 37		1.0 0.183 0.0					
48	42	38	1.0 0.2 0.0	55.7 46.8 53.1 70.8 48		1.0 0.122 0.0 51.9 54.4 49.0 73.2 42		1.0 0.2 0.0	1.0 0.077 0.0 50.3 55.7 44.8 71.5 38		1.0 0.2 0.0					
50	43	39	1.0 0.216 0.0	56.6 45.2 53.8 70.3 50		1.0 0.134 0.0 52.5 53.4 49.8 73.0 43		1.0 0.217 0.0	1.0 0.093 0.0 50.8 55.3 46.3 72.1 39		1.0 0.217 0.0					
51	44	41	1.0 0.233 0.0	57.4 43.5 54.5 69.7 51		1.0 0.146 0.0 53.0 52.2 50.4 72.6 44		1.0 0.233 0.0	1.0 0.109 0.0 51.4 54.8 47.8 72.7 41		1.0 0.233 0.0					
52	45	42	1.0 0.25 0.0	58.2 41.8 55.1 69.2 52		1.0 0.158 0.0 53.6 51.1 51.1 72.2 45		1.0 0.25 0.0	1.0 0.125 0.0 52.0 54.3 49.2 73.3 42		1.0 0.25 0.0					
54	46	43	1.0 0.266 0.0	59.1 40.2 56.0 69.0 54		1.0 0.17 0.0 54.2 49.9 51.7 71.8 46		1.0 0.267 0.0	1.0 0.138 0.0 52.6 53.0 50.0 72.9 43		1.0 0.267 0.0					
55	47	44	1.0 0.283 0.0	59.9 38.6 56.8 68.7 55		1.0 0.181 0.0 54.8 48.7 52.3 71.5 47		1.0 0.283 0.0	1.0 0.151 0.0 53.3 51.8 50.7 72.4 44		1.0 0.283 0.0					
57	48	45	1.0 0.3 0.0	60.8 37.1 57.5 68.5 57		1.0 0.193 0.0 55.4 47.6 52.8 71.1 48		1.0 0.3 0.0	1.0 0.164 0.0 54.0 50.5 51.4 72.0 45		1.0 0.3 0.0					
58	49	46	1.0 0.316 0.0	61.6 35.5 58.2 68.2 58		1.0 0.205 0.0 56.0 46.4 53.4 70.7 49		1.0 0.317 0.0	1.0 0.177 0.0 54.6 49.2 52.1 71.6 46		1.0 0.317 0.0					
60	50	47	1.0 0.333 0.0	62.5 33.9 58.9 68.0 60		1.0 0.217 0.0 56.6 45.2 53.9 70.3 50		1.0 0.333 0.0	1.0 0.19 0.0 55.3 47.9 52.7 71.2 47		1.0 0.333 0.0					
61	51	48	1.0 0.35 0.0	63.3 32.2 59.5 67.7 61		1.0 0.228 0.0 57.2 44.0 54.4 69.9 51		1.0 0.35 0.0	1.0 0.203 0.0 55.9 46.5 53.3 70.8 48		1.0 0.35 0.0					
63	52	49	1.0 0.366 0.0	64.2 30.6 60.1 67.5 63		1.0 0.24 0.0 57.8 42.8 54.8 69.6 52		1.0 0.367 0.0	1.0 0.216 0.0 56.6 45.2 53.9 70.3 49		1.0 0.367 0.0					
64	53	51	1.0 0.383 0.0	65.0 29.1 60.8 67.4 64		1.0 0.252 0.0 58.4 41.7 55.3 69.2 53		1.0 0.383 0.0	1.0 0.23 0.0 57.3 43.9 54.4 69.9 51		1.0 0.383 0.0					
65	54	52	1.0 0.4 0.0	65.8 27.8 61.7 67.7 65		1.0 0.263 0.0 59.0 40.6 55.9 69.1 54		1.0 0.4 0.0	1.0 0.243 0.0 57.9 42.6 54.9 69.5 52		1.0 0.4 0.0					
67	55	53	1.0 0.416 0.0	66.6 26.4 62.5 67.9 67		1.0 0.275 0.0 59.6 39.5 56.4 68.9 55		1.0 0.417 0.0	1.0 0.256 0.0 58.6 41.3 55.5 69.2 53		1.0 0.417 0.0					
68	56	54	1.0 0.433 0.0	67.3 25.0 63.3 68.1 68		1.0 0.286 0.0 60.1 38.4 57.0 68.7 56		1.0 0.433 0.0	1.0 0.268 0.0 59.2 40.1 56.1 69.0 54		1.0 0.433 0.0					
69	57	55	1.0 0.45 0.0	68.1 23.6 64.1 68.3 69		1.0 0.298 0.0 60.7 37.3 57.5 68.5 57		1.0 0.45 0.0	1.0 0.281 0.0 59.9 38.9 56.7 68.8 55		1.0 0.45 0.0					
71	58	56	1.0 0.466 0.0	68.9 22.1 64.8 68.5 71		1.0 0.309 0.0 61.3 36.2 58.0 68.4 58		1.0 0.467 0.0	1.0 0.294 0.0 60.5 37.7 57.3 68.6 56		1.0 0.467 0.0					
72	59	57	1.0 0.483 0.0	69.7 20.7 65.6 68.8 72		1.0 0.321 0.0 61.9 35.1 58.5 68.2 59		1.0 0.483 0.0	1.0 0.307 0.0 61.2 36.5 57.9 68.4 57		1.0 0.483 0.0					
73	60	58	1.0 0.5 0.0	70.5 19.2 66.2 69.0 73		1.0 0.332 0.0 62.5 34.0 58.9 68.0 60		1.0 0.5 0.0	1.0 0.32 0.0 61.8 35.2 58.4 68.2 58		1.0 0.5 0.0					
74	61	60	1.0 0.516 0.0	71.0 18.2 66.9 69.3 74		1.0 0.344 0.0 63.1 32.9 59.3 67.8 61		1.0 0.517 0.0	1.0 0.332 0.0 62.5 34.0 58.9 68.0 60		1.0 0.517 0.0					
75	62	61	1.0 0.533 0.0	71.6 17.2 67.5 69.7 75		1.0 0.355 0.0 63.6 31.8 59.8 67.7 62		1.0 0.533 0.0	1.0 0.345 0.0 63.1 32.8 59.4 67.8 61		1.0 0.533 0.0					
76	63	62	1.0 0.55 0.0	72.2 16.2 68.1 70.0 76		1.0 0.367 0.0 64.2 30.6 60.1 67.5 63		1.0 0.55 0.0	1.0 0.358 0.0 63.8 31.5 59.9 67.6 62		1.0 0.55 0.0					
77	64	63	1.0 0.566 0.0	72.8 15.1 68.7 70.4 77		1.0 0.378 0.0 64.8 29.6 60.6 67.4 64		1.0 0.567 0.0	1.0 0.371 0.0 64.4 30.3 60.3 67.4 63		1.0 0.567 0.0					
78	65	64	1.0 0.583 0.0	73.4 14.1 69.3 70.7 78		1.0 0.391 0.0 65.4 28.6 61.3 67.6 65		1.0 0.583 0.0	1.0 0.384 0.0 65.1 29.1 60.9 67.5 64		1.0 0.583 0.0					
79	66	65	1.0 0.6 0.0	74.0 13.0 69.9 71.1 79		1.0 0.403 0.0 66.0 27.6 61.9 67.8 66		1.0 0.6 0.0	1.0 0.398 0.0 65.7 28.0 61.6 67.7 65		1.0 0.6 0.0					
80	67	66	1.0 0.616 0.0	74.6 12.0 70.4 71.4 80		1.0 0.416 0.0 66.6 26.5 62.5 67.9 67		1.0 0.617 0.0	1.0 0.412 0.0 66.4 26.9 62.3 67.9 66		1.0 0.617 0.0					
81	68	67	1.0 0.633 0.0	75.4 10.6 71.2 72.0 81		1.0 0.428 0.0 67.1 25.5 63.1 68.1 68		1.0 0.633 0.0	1.0 0.425 0.0 67.0 25.7 63.0 68.0 67		1.0 0.633 0.0					
82	69	68	1.0 0.65 0.0	76.5 8.9 72.1 72.7 82		1.0 0.44 0.0 67.7 24.5 63.7 68.2 69		1.0 0.65 0.0	1.0 0.439 0.0 67.7 24.5 63.7 68.2 68		1.0 0.65 0.0					
84	70	70	1.0 0.666 0.0	77.5 7.2 73.0 73.4 84		1.0 0.453 0.0 68.3 23.4 64.3 68.4 70		1.0 0.667 0.0	1.0 0.453 0.0 68.3 23.4 64.3 68.4 70		1.0 0.667 0.0					
85	71	71	1.0 0.683 0.0	78.6 5.4 73.9 74.1 85		1.0 0.465 0.0 68.9 22.3 64.8 68.6 71		1.0 0.683 0.0	1.0 0.467 0.0 69.0 22.2 64.9 68.6 71		1.0 0.683 0.0					
87	72	72	1.0 0.7 0.0	79.7 3.6 74.7 74.8 87		1.0 0.477 0.0 69.5 21.2 65.4 68.7 72		1.0 0.7 0.0	1.0 0.481 0.0 69.6 20.9 65.5 68.8 72		1.0 0.7 0.0					
88	73	73	1.0 0.716 0.0	80.8 1.7 75.5 75.5 88		1.0 0.49 0.0 70.0 20.1 65.9 68.9 73		1.0 0.717 0.0	1.0 0.494 0.0 70.2 19.7 66.1 68.9 73		1.0 0.717 0.0					
-269	74	74	1.0 0.733 0.0	81.8 -0.1 76.3 76.3 -269		1.0 0.503 0.0 70.6 19.0 66.4 69.1 74		1.0 0.733 0.0	1.0 0.512 0.0 70.9 18.5 66.7 69.3 74		1.0 0.733 0.0					
-268	75	75	1.0 0.75 0.0	82.9 -2.0 76.9 77.0 -268	R_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					

4-013930-L0

QI090-71

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-QI09; codice di tinte: $H^*_e=R25Y_e$
cerchio delle tinte a 48 passi; $rgb-LabCh^*$ tavole

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

4-013930-F0

vedere dei file simili: <http://130.149.60.45/~farbmetrik/QI09/QI09.HTM>
informazioni tecniche: <http://www.ps.bam.de> o <http://130.149.60.45/~farbmetrik>

TUB iscrizione: 20130201-QI09/QI09L0NP.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			

4-0131030-L0 QI090-71 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

grafico TUB-QI09; codice di tinte: $H^*_e=R25Y_e$
cerchio delle tinte a 48 passi; $rgb-LabCh^*$ tavole

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

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

TUB iscrizione: 20130201-QI09/QI09L0NP.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}	$LAB^*_{dd361Mi}(x=LabCh)$	$rgb^*_{ds361Mi}$	$LAB^*_{dsx361Mi}(x=LabCh)$	$rgb^*_{dd361Mi}$	$LAB^*_{de361Mi}$	$rgb^*_{dex361Mi}(x=LabCh)$	$rgb^*_{dd361Mi}$	$rgb^*_{dd361Mi}$	$rgb^*_{dd361Mi}$	$rgb^*_{dd361Mi}$	$rgb^*_{dd361Mi}$	$rgb^*_{dd361Mi}$	$rgb^*_{dd361Mi}$	$rgb^*_{dd361Mi}$
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	147	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	148	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	149	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

4-0131130-L0 QI090-71

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-QI09; codice di tinte: $H^*_e=R25Y_e$
cerchio delle tinte a 48 passi; $rgb-LabCh^*$ tavole

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

4-0131130-F0

TUB iscrizione: 20130201-QI09/QI09L0NP.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*: $h_{ab,ds} = 30.0, 90.0, 150.0, 210.0, 270.0, 330.0$;

$h_{ab,d}$	$h_{ab,s}$	$h_{ab,e}$	rgb^*_{dd361M}	$LAB^*_{dxd361Mi}$ (x=LabCh)	$rgb^*_{ds361Mi}$	$LAB^*_{dsx361Mi}$ (x=LabCh)	$rgb^*_{dd361Mi}$	$LAB^*_{dex361Mi}$ (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		
170	166	176	0.0	1.0	0.266	53.9	-62.4	10.9	63.4	170		
171	167	177	0.0	1.0	0.283	54.0	-61.7	9.1	62.4	171		
173	168	178	0.0	1.0	0.3	54.1	-60.9	7.3	61.3	173		
174	169	179	0.0	1.0	0.316	54.3	-60.1	5.6	60.3	174		
176	170	180	0.0	1.0	0.333	54.4	-59.2	3.9	59.3	176		
177	171	181	0.0	1.0	0.35	54.5	-58.2	2.3	58.3	177		
179	172	182	0.0	1.0	0.366	54.7	-57.3	0.8	57.3	179		
180	173	183	0.0	1.0	0.383	54.7	-56.5	-0.6	56.5	180		
181	174	184	0.0	1.0	0.4	54.8	-55.8	-1.8	55.9	181		
183	175	185	0.0	1.0	0.416	54.8	-55.2	-3.1	55.2	183		
184	176	185	0.0	1.0	0.433	54.8	-54.5	-4.3	54.6	184		
185	177	186	0.0	1.0	0.45	54.9	-53.7	-5.5	54.0	185		
187	178	187	0.0	1.0	0.466	54.9	-53.0	-6.6	53.4	187		
188	179	188	0.0	1.0	0.483	55.0	-52.2	-7.8	52.8	188		
189	180	189	0.0	1.0	0.5	55.0	-51.4	-8.9	52.2	189		
191	181	190	0.0	1.0	0.516	55.0	-50.6	-10.5	51.7	191		
193	182	191	0.0	1.0	0.533	55.1	-49.7	-12.1	51.2	193		
195	183	192	0.0	1.0	0.55	55.1	-48.8	-13.7	50.7	195		
197	184	193	0.0	1.0	0.566	55.2	-47.8	-15.2	50.2	197		
199	185	194	0.0	1.0	0.583	55.2	-46.8	-16.6	49.7	199		
201	186	195	0.0	1.0	0.6	55.2	-45.8	-18.0	49.2	201		
203	187	195	0.0	1.0	0.616	55.3	-44.7	-19.4	48.7	203		
205	188	196	0.0	1.0	0.633	55.3	-43.8	-20.5	48.4	205		
206	189	197	0.0	1.0	0.65	55.3	-43.3	-21.5	48.3	206		
207	190	198	0.0	1.0	0.666	55.3	-42.7	-22.5	48.3	207		
209	191	199	0.0	1.0	0.683	55.2	-42.1	-23.4	48.2	209		
210	192	200	0.0	1.0	0.7	55.2	-41.5	-24.4	48.1	210		
211	193	201	0.0	1.0	0.716	55.2	-40.8	-25.3	48.0	211		
213	194	202	0.0	1.0	0.733	55.2	-40.2	-26.2	48.0	213		
214	195	203	0.0	1.0	0.75	55.2	-39.5	-27.1	47.9	214		
215	196	204	0.0	1.0	0.766	55.1	-39.2	-27.9	48.1	215		
216	197	205	0.0	1.0	0.783	55.0	-38.8	-28.7	48.3	216		
217	198	206	0.0	1.0	0.8	54.9	-38.5	-29.5	48.5	217		
218	199	206	0.0	1.0	0.816	54.8	-38.1	-30.3	48.7	218		
219	200	207	0.0	1.0								

4-0131230-L0	QI090-71	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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grafico TUB-QI09; codice di tinte: H^{*}_e=R25Y_e
cerchio delle tinte a 48 passi; *rqb-LabCh** tavole

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

uscita: Laser printer output; separation cmy6*, D65, pagina 13/36

TUB iscrizione: 20130201-QI09/QI09L0NP.PDF/.PS
la domanda per la misura di uscita della stampante laser

TUB materiale: code=rh4ta
zione cmy6 (CMYK)

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

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	$rgb^*_{ds361Mi}$	$LAB^*_{dsx361Mi}(x=LabCh)$	C_s	$rgb^*_{dd361Mi}$	$LAB^*_{de361Mi}$	$rgb^*_{dex361Mi}(x=LabCh)$	C_e	$rgb^*_{dd361Mi}$	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	0.0	1.0	0.792	55.0	-38.6	-29.0	48.4	216	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					

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	rgb^* de361Mi	LAB^* dex361Mi (x=LabCh)	rgb^* dd361Mi	rgb^* dd361Mi	rgb^* dd361Mi	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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
310	287	288	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
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
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
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
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
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
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
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
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
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
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
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
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
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

4-0131430-L0 QI090-71 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

grafico TUB-QI09; codice di tinte: $H^*_e=R25Y_e$
cerchio delle tinte a 48 passi; $rgb-LabCh^*$ tavole

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

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

TUB iscrizione: 20130201-QI09/QI09L0NP.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}	$LAB^*_{dsx361Mi} (x=LabCh)$	$rgb^*_{ds361Mi}$	$LAB^*_{dsx361Mi} (x=LabCh)$	$rgb^*_{dd361Mi}$	$LAB^*_{dex361Mi} (x=LabCh)$	$rgb^*_{dd361Mi}$	$LAB^*_{dex361Mi} (x=LabCh)$	$rgb^*_{dd361Mi}$	rgb^*_{dd}	rgb^*_{ds}	rgb^*_{de}
324	300	300	0.5 0.0 1.0	37.2 43.1 -30.8 53.0	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	M_d 0.612 0.0 1.0	38.9 47.9 -27.6 55.4	$330M_s$ 1.0 0.0 1.0	0.584 0.0 1.0	38.5 46.8 -28.4 54.8	$328M_e$ 1.0 0.0 1.0				
349	331	329	1.0 0.0 0.983	48.3 65.5 -12.5 66.7	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	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	0.662 0.0 1.0	39.9 50.5 -25.6 56.7	333	1.0 0.0 0.95	0.638 0.0 1.0	39.4 49.2 -26.7 56.0	331	1.0 0.0 0.95		
349	334	332	1.0 0.0 0.933	48.9 65.8 -11.7 66.8	0.677 0.0 1.0	40.3 51.3 -24.9 57.1	334	1.0 0.0 0.933	0.652 0.0 1.0	39.7 50.0 -26.0 56.4	332	1.0 0.0 0.933		
350	335	333	1.0 0.0 0.916	49.0 65.9 -11.4 66.9	0.692 0.0 1.0	40.6 52.1 -24.2 57.5	335	1.0 0.0 0.917	0.667 0.0 1.0	40.0 50.8 -25.4 56.8	333	1.0 0.0 0.917		
350	336	334	1.0 0.0 0.9	49.2 66.0 -11.1 66.9	0.708 0.0 1.0	41.0 53.0 -23.5 58.0	336	1.0 0.0 0.9	0.681 0.0 1.0	40.4 51.6 -24.7 57.2	334	1.0 0.0 0.9		
350	337	335	1.0 0.0 0.883	49.4 66.1 -10.9 67.0	0.723 0.0 1.0	41.3 53.8 -22.7 58.4	337	1.0 0.0 0.883	0.696 0.0 1.0	40.7 52.3 -24.0 57.6	335	1.0 0.0 0.883		
350	338	336	1.0 0.0 0.866	49.5 66.0 -10.4 66.9	0.738 0.0 1.0	41.6 54.6 -22.0 58.9	338	1.0 0.0 0.867	0.711 0.0 1.0	41.0 53.1 -23.3 58.1	336	1.0 0.0 0.867		
351	339	337	1.0 0.0 0.85	49.4 65.8 -9.9 66.6	0.756 0.0 1.0	42.1 55.4 -21.2 59.4	339	1.0 0.0 0.85	0.725 0.0 1.0	41.3 53.9 -22.6 58.5	337	1.0 0.0 0.85		
351	340	338	1.0 0.0 0.833	49.4 65.6 -9.3 66.3	0.78 0.0 1.0	42.8 56.4 -20.4 60.0	340	1.0 0.0 0.833	0.74 0.0 1.0	41.7 54.6 -21.9 58.9	338	1.0 0.0 0.833		
352	341	339	1.0 0.0 0.816	49.4 65.4 -8.7 66.0	0.804 0.0 1.0	43.5 57.4 -19.7 60.7	341	1.0 0.0 0.817	0.757 0.0 1.0	42.1 55.5 -21.1 59.4	339	1.0 0.0 0.817		
352	342	339	1.0 0.0 0.8	49.4 65.2 -8.2 65.7	0.828 0.0 1.0	44.3 58.3 -18.9 61.3	342	1.0 0.0 0.8	0.78 0.0 1.0	42.8 56.4 -20.4 60.0	339	1.0 0.0 0.8		
353	343	340	1.0 0.0 0.783	49.3 65.0 -7.6 65.4	0.852 0.0 1.0	45.0 59.3 -18.0 62.0	343	1.0 0.0 0.783	0.802 0.0 1.0	43.5 57.3 -19.7 60.6	340	1.0 0.0 0.783		
353	344	341	1.0 0.0 0.766	49.3 64.7 -7.1 65.1	0.877 0.0 1.0	45.7 60.2 -17.2 62.7	344	1.0 0.0 0.767	0.825 0.0 1.0	44.2 58.2 -19.0 61.3	341	1.0 0.0 0.767		
354	345	342	1.0 0.0 0.75	49.3 64.5 -6.5 64.8	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		

4-0131530-L0 QI090-71 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 16/33

grafico TUB-QI09; codice di tinte: $H^*_e=R25Y_e$
cerchio delle tinte a 48 passi; $rgb-LabCh^*$ tavole

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

TUB iscrizione: 20130201-QI09/QI09L0NP.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 cmyn*6, 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 $RYGBM_e$: $h_{ab,e} = 25.5, 92.3, 162.2, 217.0, 271.7, 328.6$

The angles of the three colours (R, G, B) of the LabCh										The angles of the elementary colours (R, G, B)										The angles of the three colours (R, G, B) of the LabCh										The angles of the elementary colours (R, G, B)									
Lab _d	hab _s	hab _e	rgb* _d	dd361Mi	LAB* _d	dsx361Mi	(x=LabCh)	rgb* _d	ds361Mi	LAB* _d	dsx361Mi	(x=LabCh)	rgb* _d	dd361Mi	LAB* _d	dsx361Mi	(x=LabCh)	rgb* _d	de361Mi	LAB* _d	dex361Mi	(x=LabCh)	rgb* _d	dd361Mi	rgb _d	ds	rgb _d	de											
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	47.8	60.2	7.1	60.6	366	1.0	0.0	0.705	48.9	63.7	-3.2	63.8	357	1.0	0.0	0.55	1.0	0.0	0.75	49.3	64.6	-6.5	64.9	354	1.0	0.0	0.55							
367	358	355	1.0	0.0	0.533	47.8	59.8	8.2	60.4	367	1.0	0.0	0.689	48.7	63.4	-2.1	63.4	358	1.0	0.0	0.533	1.0	0.0	0.735	49.2	64.3	-5.4	64.5	355	1.0	0.0	0.533							
368	359	356	1.0	0.0	0.516	47.8	59.4	9.3	60.1	368	1.0	0.0	0.673	48.5	63.0	-1.0	63.0	359	1.0	0.0	0.517	1.0	0.0	0.72	49.0	64.0	-4.3	64.1	356	1.0	0.0	0.517							
370	360	352	1.0	0.0	0.5	47.8	58.9	10.4	59.9	370	1.0	0.0	0.657	48.3	62.6	0.0	62.6	360	1.0	0.0	0.5	1.0	0.0	0.828	49.5	65.6	-9.0	66.2	352	1.0	0.0	0.5							
371	361	353	1.0	0.0	0.483	47.7	58.7	11.6	59.9	371	1.0	0.0	0.641	48.2	62.2	1.1	62.2	361	1.0	0.0	0.483	1.0	0.0	0.787	49.4	65.1	-7.7	65.5	353	1.0	0.0	0.483							
372	362	354	1.0	0.0	0.466	47.7	58.5	12.8	59.9	372	1.0	0.0	0.625	48.0	61.8	2.2	61.8	362	1.0	0.0	0.467	1.0	0.0	0.749	49.3	64.5	-6.4	64.8	354	1.0	0.0	0.467							
373	363	355	1.0	0.0	0.45	47.6	58.3	14.0	59.9	373	1.0	0.0	0.609	48.0	61.5	3.2	61.6	363	1.0	0.0	0.45	1.0	0.0	0.731	49.1	64.2	-5.1	64.4	355	1.0	0.0	0.45							
374	364	356	1.0	0.0	0.433	47.5	58.0	15.2	60.0	374	1.0	0.0	0.594	48.0	61.2	4.3	61.4	364	1.0	0.0	0.433	1.0	0.0	0.713	48.9	63.9	-3.8	64.0	356	1.0	0.0	0.433							
375	365	357	1.0	0.0	0.416	47.5	57.7	16.5	60.0	375	1.0	0.0	0.578	47.9	60.9	5.3	61.1	365	1.0	0.0	0.417	1.0	0.0	0.695	48.7	63.5	-2.5	63.5	357	1.0	0.0	0.417							
377	366	358	1.0	0.0	0.4	47.4	57.3	17.7	60.0	377	1.0	0.0	0.562	47.9	60.5	6.4	60.9	366	1.0	0.0	0.4	1.0	0.0	0.677	48.6	63.1	-1.3	63.1	358	1.0	0.0	0.4							
378	367	359	1.0	0.0	0.383	47.4	57.0	18.9	60.0	378	1.0	0.0	0.547	47.9	60.2	7.4	60.6	367	1.0	0.0	0.383	1.0	0.0	0.659	48.4	62.7	-0.1	62.7	359	1.0	0.0	0.383							
379	368	360	1.0	0.0	0.366	47.4	56.8	20.0	60.2	379	1.0	0.0	0.531	47.9	59.8	8.4	60.4	368	1.0	0.0	0.367	1.0	0.0	0.641	48.2	62.2	1.1	62.2	360	1.0	0.0	0.367							
380	369	362	1.0	0.0	0.35	47.4	56.7	21.1	60.5	380	1.0	0.0	0.516	47.8	59.4	9.4	60.2	369	1.0	0.0	0.35	1.0	0.0	0.624	48.0	61.8	2.3	61.8	362	1.0	0.0	0.35							
381	370	363	1.0	0.0	0.333	47.4	56.6	22.1	60.8	381	1.0	0.0	0.5	47.8	59.0	10.4	59.9	370	1.0	0.0	0.333	1.0	0.0	0.606	48.0	61.5	3.4	61.5	363	1.0	0.0	0.333							
382	371	364	1.0	0.0	0.316	47.4	56.5	23.2	61.1	382	1.0	0.0	0.486	47.8	58.8	11.4	59.9	371	1.0	0.0	0.317	1.0	0.0	0.589	47.9	61.1	4.6	61.3	364	1.0	0.0	0.317							
383	372	365	1.0	0.0	0.3	47.5	56.4	24.3	61.4	383	1.0	0.0	0.472	47.7	58.6	12.5	60.0	372	1.0	0.0	0.3	1.0	0.0	0.571	47.9	60.7	5.8	61.0	365	1.0	0.0	0.3							
384	373	366	1.0	0.0	0.283	47.5	56.2	25.4	61.7	384	1.0	0.0	0.458	47.7	58.4	13.5	60.0	373	1.0	0.0	0.283	1.0	0.0	0.554	47.9	60.3	6.9	60.7	366	1.0	0.0	0.283							
385	374	367	1.0	0.0	0.266	47.5	56.1	26.5	62.0	385	1.0	0.0	0.444	47.6	58.2	14.5	60.0	374	1.0	0.0	0.267	1.0	0.0	0.537	47.9	59.9	8.1	60.5	367	1.0	0.0	0.267							
386	375	368	1.0	0.0	0.25	47.5	55.9	27.5	62.3	386	1.0	0.0	0.43	47.6	58.0	15.5	60.0	375	1.0	0.0	0.25	1.0	0.0	0.519	47.8	59.5	9.2	60.2	368	1.0	0.0	0.25							
386	376	369	1.0	0.0	0.233	47.5	56.0	28.4	62.8	386	1.0	0.0	0.416	47.5	57.7	16.5	60.0	376	1.0	0.0	0.233	1.0	0.0	0.502	47.8	59.1	10.3	59.9	369	1.0	0.0	0.233							
387	377	370	1.0	0.0	0.216	47.6	56.1	29.3	63.3	387	1.0	0.0	0.402	47.5	57.4	17.6	60.1	377	1.0	0.0	0.217	1.0	0.0	0.486	47.8	58.8	11.4	59.9	370	1.0	0.0	0.217							
388	378	372	1.0	0.0	0.2	47.6	56.1	30.2	63.8	388	1.0	0.0	0.388	47.5	57.1	18.6	60.1	378	1.0	0.0	0.2	1.0	0.0	0.471	47.7	58.6	12.6	60.0	372	1.0	0.0	0.2							
388	379	373	1.0	0.0	0.183	47.6	56.2	31.1	64.2	388	1.0	0.0	0.374	47.4	56.8	19.6	60.1	379	1.0	0.0	0.183	1.0	0.0	0.455	47.7	58.4	13.7	60.0	373	1.0	0.0	0.183							
389	380	374	1.0	0.0	0.166	47.6	56.3	32.0	64.7	389	1.0	0.0	0.357	47.4	56.8	20.7	60.4	380	1.0	0.0	0.167	1.0	0.0	0.439	47.6	58.1	14.9	60.0	374	1.0	0.0	0.167							
390	381	375	1.0	0.0	0.15	47.6	56.3	32.9	65.2	390	1.0	0.0	0.34	47.5	56.7	21.8	60.7	381	1.0	0.0	0.15	1.0	0.0	0.424	47.6	57.9	16.0	60.0	375	1.0	0.0	0.15							
390	382	376	1.0	0.0	0.133	47.6	56.3	33.8	65.7	390	1.0	0.0	0.323	47.5	56.6	22.9	61.0	382	1.0	0.0	0.133	1.0	0.0	0.408	47.5	57.6	17.1	60.0	376	1.0	0.0	0.133							
391	383	377	1.0	0.0	0.116	47.6	56.4	34.5	66.1	391	1.0	0.0	0.306	47.5	56.5	24.0	61.4	383	1.0	0.0	0.117	1.0	0.0	0.393	47.5	57.2	18.2	60.1	377	1.0	0.0	0.117							
391	384	378	1.0	0.0	0.1	47.6	56.5	34.9	66.5	391	1.0	0.0	0.289	47.5	56.3	25.1	61.7	384	1.0	0.0	0.1	1.0	0.0	0.377	47.4	56.9	19.4	60.1	378	1.0	0.0	0.1							
392	385	3																																					

QI090-71	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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grafico TUB-QI09; codice di tinte: H*e=R25Ye
cerchio delle tinte a 48 passi; *rgb-LabCh** tavole

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

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

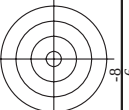
TUB iscrizione: 20130201-QI09/QI09L0NP.PDF /.PS
la domanda per la misura di uscita della stampante la

TUB materiale: code=rh4ta
zione cmy6 (CMYK)

vedere dei file simili: <http://130.149.60.45/~farbmetric/Q109/Q109.HTM>
informazioni tecniche: <http://www.ps.barn.de> o <http://130.149.60.45/~farbmetric/>

nj	HC*Fe	rgb_Fe	icr_Fe	hsa_Fe	LabCh*Fe	rgb*Fe	LabCh*Fe	DF*Fe	hsa*Fe	rgb*He	LabCh*He	DF*He	hsa*He
0/648	R00Y_100_100e	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1/657	R13Y_100_100e	1.0	0.125	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2/666	R25Y_100_100e	1.0	0.25	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3/675	R38Y_100_100e	1.0	0.375	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4/684	R50Y_100_100e	1.0	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5/693	R63Y_100_100e	1.0	0.625	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6/702	R75Y_100_100e	1.0	0.75	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7/711	R88Y_100_100e	1.0	0.875	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8/720	Y00C_100_100e	1.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9/639	Y13C_100_100e	0.875	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10/558	Y25C_100_100e	0.75	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
11/477	Y38C_100_100e	0.625	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
12/396	Y50C_100_100e	0.5	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
13/315	Y63C_100_100e	0.375	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14/234	Y75C_100_100e	0.25	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15/153	Y88C_100_100e	0.125	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
16/72	G00C_100_100e	0.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
17/73	G13C_100_100e	0.0	0.125	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
18/74	G25C_100_100e	0.0	0.25	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
19/75	G38C_100_100e	0.0	0.375	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
20/76	G50C_100_100e	0.0	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
21/77	G63C_100_100e	0.0	0.625	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
22/78	G75C_100_100e	0.0	0.75	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
23/79	G88C_100_100e	0.0	0.875	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
24/80	C00B_100_100e	0.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
25/81	C13B_100_100e	0.0	0.875	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
26/62	C25B_100_100e	0.0	0.75	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
27/63	C38B_100_100e	0.0	0.625	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
28/44	C50B_100_100e	0.0	0.5	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
29/35	C63B_100_100e	0.0	0.375	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
30/26	C75B_100_100e	0.0	0.25	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
31/17	C88B_100_100e	0.0	0.125	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
32/8	B00M_100_100e	0.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
33/89	B13M_100_100e	0.125	0.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
34/170	B25M_100_100e	0.25	0.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
35/251	B38M_100_100e	0.375	0.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
36/332	B50M_100_100e	0.5	0.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
37/413	B63M_100_100e	0.625	0.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
38/494	B75M_100_100e	0.75	0.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
39/575	B88M_100_100e	0.875	0.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
40/656	M00R_100_100e	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
41/655	M13R_100_100e	1.0	0.0	0.875	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
42/654	M25R_100_100e	1.0	0.0	0.75	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
43/653	M38R_100_100e	1.0	0.0	0.625	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
44/652	M50R_100_100e	1.0	0.0	0.5	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
45/651	M63R_100_100e	1.0	0.0	0.375	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
46/650	M75R_100_100e	1.0	0.0	0.25	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47/649	M88R_100_100e	1.0	0.0	0.125	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
48/648	R00Y_100_100e	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
49/0	NW_00e	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50/91	NW_01e	0.125	0.125	0.125	0.125	0.125	0.125	0.125	0.125	0.125	0.125	0.125	0.125
51/182	NW_02e	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25
52/273	NW_03e	0.375	0.375	0.375	0.375	0.375	0.375	0.375	0.375	0.375	0.375	0.375	0.375
53/364	NW_04e	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
54/455	NW_05e	0.625	0.625	0.625	0.625	0.625	0.625	0.625	0.625	0.625	0.625	0.625	0.625
55/546	NW_06e	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75
56/637	NW_07e	0.875	0.875	0.875	0.875	0.875	0.875	0.875	0.875	0.875	0.875	0.875	0.875
57/728	NW_100e	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0

n/f	H* _{CC} Fe	rgb_Fe	ic _{CC} Fe	hs _{CC} Fe	LabCH*Fe	rgb*Fe	LabCH*Fe	DF*Fe	hs _{AN} Fe	rgb*Me	LabCH*Me	
0/648	R00Y_100_100e	1.0	0.0	0.0	1.0	0.0	0.263	47.5	56.0	1.0	0.0	25.4
1/666	R25Y_100_100e	0.0	0.25	0.0	1.0	0.0	0.108	0.0	51.4	0.0	0.0	62.1
2/684	R50Y_100_100e	0.0	0.5	0.0	1.0	0.0	0.319	0.0	61.8	0.0	0.0	72.6
3/702	R75Y_100_100e	0.0	0.75	0.0	1.0	0.0	0.551	0.0	72.3	0.0	0.0	83.1
4/720	Y00C_100_100e	0.0	1.0	0.0	1.0	0.0	0.768	0.0	83.6	0.0	0.0	94.6
5/738	Y25C_100_100e	0.75	1.0	0.0	1.0	0.0	0.858	0.0	85.8	0.0	0.0	105.1
6/756	Y50C_100_100e	0.5	1.0	0.0	1.0	0.0	0.915	0.0	86.6	0.0	0.0	115.6
7/774	Y75C_100_100e	0.25	1.0	0.0	1.0	0.0	0.948	0.0	87.2	0.0	0.0	126.1
8/792	G00B_100_100e	0.0	1.0	0.0	1.0	0.0	0.146	0.0	53.8	0.0	0.0	136.6
9/772	G25B_100_100e	0.0	1.0	0.0	1.0	0.0	0.146	0.0	53.8	0.0	0.0	147.1
10/766	G50B_100_100e	0.0	1.0	0.0	1.0	0.0	0.146	0.0	53.8	0.0	0.0	157.6
11/840	G75B_100_100e	0.0	1.0	0.0	1.0	0.0	0.146	0.0	53.8	0.0	0.0	168.1
12/844	B00M_100_100e	0.0	0.0	1.0	1.0	0.0	0.686	0.0	61.8	0.0	0.0	178.6
13/8	B25M_100_100e	0.0	0.0	1.0	1.0	0.0	0.261	0.0	37.3	0.0	0.0	189.1
14/332	B50M_100_100e	0.0	0.0	1.0	1.0	0.0	0.138	0.0	31.5	0.0	0.0	199.6
15/656	B75M_100_100e	0.0	0.0	1.0	1.0	0.0	0.084	0.0	20.7	0.0	0.0	210.1
16/652	B90M_100_100e	0.0	0.0	1.0	1.0	0.0	0.084	0.0	20.7	0.0	0.0	220.6
17/648	R00Y_100_100e	1.0	0.0	0.0	1.0	0.0	0.263	47.5	56.0	1.0	0.0	231.1
18/608	R25Y_100_100e	0.0	0.25	0.0	1.0	0.0	0.108	0.0	51.4	0.0	0.0	241.6
19/606	R50Y_100_100e	0.0	0.5	0.0	1.0	0.0	0.319	0.0	61.8	0.0	0.0	252.1
20/724	Y00C_100_100e	0.0	1.0	0.0	1.0	0.0	0.768	0.0	83.6	0.0	0.0	262.6
21/560	Y25C_100_100e	0.75	1.0	0.0	1.0	0.0	0.858	0.0	85.8	0.0	0.0	273.1
22/460	Y50C_100_100e	0.5	1.0	0.0	1.0	0.0	0.915	0.0	86.6	0.0	0.0	283.6
23/468	Y75C_100_100e	0.25	1.0	0.0	1.0	0.0	0.948	0.0	87.2	0.0	0.0	294.1
24/692	B00M_100_100e	0.0	0.0	1.0	1.0	0.0	0.686	0.0	61.8	0.0	0.0	304.6
25/692	B25M_100_100e	0.0	0.0	1.0	1.0	0.0	0.261	0.0	37.3	0.0	0.0	315.1
26/688	B50M_100_100e	0.0	0.0	1.0	1.0	0.0	0.138	0.0	31.5	0.0	0.0	325.6
27/688	B75M_100_100e	0.0	0.0	1.0	1.0	0.0	0.084	0.0	20.7	0.0	0.0	336.1
28/506	R00Y_075_050e	0.75	0.25	0.5	0.5	0.0	0.263	47.5	56.0	0.75	0.25	25.4
29/524	R25Y_075_050e	0.75	0.25	0.5	0.5	0.0	0.108	0.0	51.4	0.0	0.0	36.9
30/542	Y00C_075_050e	0.75	0.25	0.5	0.5	0.0	0.319	0.0	61.8	0.0	0.0	47.4
31/218	G00B_075_050e	0.0	0.0	0.0	0.0	0.0	0.768	0.0	83.6	0.0	0.0	57.9
32/222	G25B_075_050e	0.0	0.0	0.0	0.0	0.0	0.261	0.0	37.3	0.0	0.0	68.4
33/186	B00M_075_050e	0.0	0.0	0.0	0.0	0.0	0.138	0.0	31.5	0.0	0.0	78.9
34/510	B50M_075_050e	0.0	0.0	0.0	0.0	0.0	0.084	0.0	20.7	0.0	0.0	89.4
35/506	R00Y_075_050e	0.75	0.25	0.5	0.5	0.0	0.263	47.5	56.0	0.75	0.25	25.4
36/324	R00Y_050_050e	0.5	0.0	0.0	0.0	0.0	0.131	35.7	28.0	0.5	0.0	25.4
37/342	R50Y_050_050e	0.5	0.0	0.0	0.0	0.0	0.159	0.0	42.8	0.5	0.0	36.9
38/360	Y00C_050_050e	0.5	0.0	0.0	0.0	0.0	0.384	0.0	53.7	0.5	0.0	47.4
39/198	Y50C_050_050e	0.25	0.0	0.0	0.0	0.0	0.735	0.0	83.6	0.25	0.0	57.9
40/36	G00B_050_050e	0.0	0.0	0.0	0.0	0.0	0.5	0.0	37.3	0.0	0.0	68.4
41/40	G25B_050_050e	0.0	0.0	0.0	0.0	0.0	0.131	35.7	28.0	0.0	0.0	78.9
42/4	B00M_050_050e	0.0	0.0	0.0	0.0	0.0	0.05	0.0	3.0	0.0	0.0	89.4
43/328	B50M_050_050e	0.0	0.0	0.0	0.0	0.0	0.05	0.0	3.0	0.0	0.0	99.9
44/324	R00Y_050_050e	0.5	0.0	0.0	0.0	0.0	0.131	35.7	28.0	0.5	0.0	25.4
45/0	NW_000e	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
46/91	NW_013e	0.125	0.125	0.125	0.125	0.125	0.125	0.125	0.125	0.125	0.125	0.125
47/182	NW_025e	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25
48/273	NW_038e	0.375	0.375	0.375	0.375	0.375	0.375	0.375	0.375	0.375	0.375	0.375
49/364	NW_050e	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
50/455	NW_063e	0.625	0.625	0.625	0.625	0.625	0.625	0.625	0.625	0.625	0.625	0.625
51/546	NW_075e	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75
52/638	NW_088e	0.875	0.875	0.875	0.875	0.875	0.875	0.875	0.875	0.875	0.875	0.875
53/728	NW_100e	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0



TUB materiale: code=rha4ta

informazioni tecniche: <http://www.ps.bam.de> o <http://130.149.60.45/~farbmetrik>

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vedere dei file simili: <http://130.149.60.45/~farbmetrik/QI09/QI09.HTM>
informazioni tecniche: <http://www.ps.bam.de> o <http://130.149.60.45/~farbmetrik/>

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

grafico TUB-QI09; codice di tinte: H*_e=R25Y_e

[illegible]

http://130.149.60.45/~farbmatrik/QI09/QI09LONP.PDF /PS; uscita di trasferimento
N: nessun 3D-linearizzazione (OL) nel file (F) o PS-startup (S), pagina 29/33

grafico TUB-QI09; codice di tinte: H^{*}_e=R25Y_e

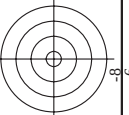
immettere: *rgb/cmyk* → *rgbe*
uscita: trasferire a *cmyke*

[illegible]

QI090-7N, 29/33-F

4-0132830-F0

-vedere dei file simili: <http://130.149.60.45/~farbmatrik/QI09/QI09.HTM>
informazioni tecniche: <http://www.ps.bam.de> o <http://130.149.60.45/~farbmatrik>



TUB materiale: code=rha4ta

vedere dei file simil: <http://130.149.60.45/~farbmetrik/QI09/QI09.HTM>
informazioni tecniche: <http://www.ps.bam.de> o <http://130.149.60.45/~farbmetrik>

gratuito TUB-Q109; codice di tinte: $H^*_e=R25Y_e$
colori e la differenza, ΔE^* ,
uscita: trasferire a $cmYK_e$
immettere: $rgb/cmyk \rightarrow rgbe$

QI090-7N, 30/33-F

[illegible]

n	HVC*Fe	rgb*Fe	icL*Fe	hsL*Fe	LabCH*Fe	rgb*Fe	DF*Fe	hsM*Fe	LabCH*Fe	rgb*Fe	LabCH*Fe
891	NW_100e	1.0	1.0	360	95.8	1.0	0.0	0.0	96.1	1.0	95.8
892	B50R_100.012e	1.0	0.125	0.937	88.6	1.0	0.0	0.0	91.4	1.0	88.6
893	B50R_100.025e	1.0	0.25	0.875	81.5	1.0	0.0	0.0	85.5	1.0	81.5
894	B50R_100.037e	1.0	0.375	0.812	74.3	1.0	0.0	0.0	78.4	1.0	74.3
895	B50R_100.050e	1.0	0.5	0.75	67.1	1.0	0.0	0.0	71.7	1.0	67.1
896	B50R_100.062e	1.0	0.625	0.687	60.0	1.0	0.0	0.0	66.1	1.0	60.0
897	B50R_100.075e	1.0	0.75	0.625	52.8	1.0	0.0	0.0	58.5	1.0	52.8
898	B50R_100.087e	1.0	0.875	0.562	45.6	1.0	0.0	0.0	52.3	1.0	45.6
899	B50R_100.100e	1.0	1.0	0.5	38.5	1.0	0.0	0.0	48.3	1.0	38.5
900	GOB_100.012e	0.875	1.0	0.125	95.8	0.875	1.0	0.875	96.1	0.875	95.8
901	NW_087e	0.875	0.875	0.875	88.6	0.875	0.875	0.875	91.4	0.875	88.6
902	B50R_087.012e	0.875	0.125	0.812	81.5	0.875	0.125	0.812	85.5	0.875	81.5
903	B50R_087.025e	0.875	0.25	0.75	74.3	0.875	0.25	0.75	78.4	0.875	74.3
904	B50R_087.037e	0.875	0.375	0.687	67.1	0.875	0.375	0.687	71.7	0.875	67.1
905	B50R_087.050e	0.875	0.5	0.625	60.0	0.875	0.5	0.625	66.1	0.875	60.0
906	B50R_087.062e	0.875	0.625	0.562	52.8	0.875	0.625	0.562	58.5	0.875	52.8
907	B50R_087.075e	0.875	0.75	0.5	45.6	0.875	0.75	0.5	52.3	0.875	45.6
908	B50R_087.087e	0.875	0.875	0.437	38.5	0.875	0.875	0.437	48.3	0.875	38.5
909	GOB_100.025e	0.75	1.0	0.25	88.6	0.75	1.0	0.25	91.4	0.75	88.6
910	GOB_100.037e	0.75	0.875	0.187	81.5	0.75	0.875	0.187	85.5	0.75	81.5
911	NW_075e	0.75	0.75	0.75	74.3	0.75	0.75	0.75	78.4	0.75	74.3
912	B50R_075.012e	0.75	0.125	0.687	67.1	0.75	0.125	0.687	71.7	0.75	67.1
913	B50R_075.025e	0.75	0.25	0.625	60.0	0.75	0.25	0.625	66.1	0.75	60.0
914	B50R_075.037e	0.75	0.375	0.562	52.8	0.75	0.375	0.562	58.5	0.75	52.8
915	B50R_075.050e	0.75	0.5	0.5	45.6	0.75	0.5	0.5	52.3	0.75	45.6
916	B50R_075.062e	0.75	0.625	0.437	38.5	0.75	0.625	0.437	48.3	0.75	38.5
917	B50R_075.075e	0.75	0.75	0.375	31.2	0.75	0.75	0.375	41.9	0.75	31.2
918	GOB_100.037e	0.625	1.0	0.625	1.0	0.625	1.0	0.625	1.0	0.625	1.0
919	GOB_100.050e	0.625	0.875	0.625	0.875	0.625	0.875	0.625	0.875	0.625	0.875
920	GOB_075.012e	0.625	0.625	0.625	67.1	0.625	0.625	0.625	71.7	0.625	67.1
921	NW_062e	0.625	0.625	0.625	60.0	0.625	0.625	0.625	66.1	0.625	60.0
922	B50R_062.012e	0.625	0.125	0.562	52.8	0.625	0.125	0.562	58.5	0.625	52.8
923	B50R_062.025e	0.625	0.25	0.5	45.6	0.625	0.25	0.5	52.3	0.625	45.6
924	B50R_062.037e	0.625	0.375	0.437	38.5	0.625	0.375	0.437	48.3	0.625	38.5
925	B50R_062.050e	0.625	0.5	0.375	31.2	0.625	0.5	0.375	41.9	0.625	31.2
926	B50R_062.062e	0.625	0.625	0.312	24.0	0.625	0.625	0.312	34.7	0.625	24.0
927	GOB_100.050e	0.5	1.0	0.5	38.5	0.5	1.0	0.5	48.3	0.5	38.5
928	GOB_087.037e	0.5	0.875	0.375	31.2	0.5	0.875	0.375	41.9	0.5	31.2
929	GOB_075.025e	0.5	0.75	0.25	24.0	0.5	0.75	0.25	34.7	0.5	24.0
930	GOB_062.012e	0.5	0.625	0.125	16.9	0.5	0.625	0.125	27.6	0.5	16.9
931	NW_050e	0.5	0.5	0.5	16.9	0.5	0.5	0.5	27.6	0.5	16.9
932	B50R_050.012e	0.5	0.125	0.437	38.5	0.5	0.125	0.437	48.3	0.5	38.5
933	B50R_050.025e	0.5	0.25	0.375	31.2	0.5	0.25	0.375	41.9	0.5	31.2
934	B50R_050.037e	0.5	0.375	0.312	24.0	0.5	0.375	0.312	34.7	0.5	24.0
935	B50R_050.050e	0.5	0.5	0.25	16.9	0.5	0.5	0.25	27.6	0.5	16.9
936	GOB_100.062e	0.375	1.0	0.625	0.875	0.375	1.0	0.625	0.875	0.375	0.875
937	GOB_087.050e	0.375	0.875	0.375	0.875	0.375	0.875	0.375	0.875	0.375	0.875
938	GOB_075.037e	0.375	0.75	0.375	0.75	0.375	0.75	0.375	0.75	0.375	0.75
939	GOB_062.025e	0.375	0.625	0.25	16.9	0.375	0.625	0.25	27.6	0.375	16.9
940	NW_037e	0.375	0.5	0.125	0.437	0.375	0.5	0.125	0.437	0.375	0.5
941	B50R_037.012e	0.375	0.125	0.312	24.0	0.375	0.125	0.312	34.7	0.375	24.0
942	B50R_037.025e	0.375	0.25	0.25	16.9	0.375	0.25	0.25	27.6	0.375	16.9
943	B50R_037.037e	0.375	0.375	0.187	16.9	0.375	0.375	0.187	27.6	0.375	16.9
944	GOB_100.075e	0.25	1.0	0.75	0.625	0.25	1.0	0.75	0.625	0.25	0.75
945	GOB_087.062e	0.25	0.875	0.25	0.875	0.25	0.875	0.25	0.875	0.25	0.875
946	GOB_075.050e	0.25	0.75	0.187	16.9	0.25	0.75	0.187	27.6	0.25	16.9
947	GOB_062.037e	0.25	0.625	0.125	10.0	0.25	0.625	0.125	20.7	0.25	10.0
948	GOB_050.012e	0.25	0.5	0.125	0.437	0.25	0.5	0.125	0.437	0.25	0.5
949	GOB_037.012e	0.25	0.375	0.125	0.312	0.25	0.375	0.125	0.312	0.25	0.375
950	NW_025e	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25
951	B50R_025.012e	0.25	0.125	0.187	16.9	0.25	0.125	0.187	27.6	0.25	16.9
952	B50R_025.025e	0.25	0.25	0.125	10.0	0.25	0.25	0.125	20.7	0.25	10.0
953	GOB_100.087e	0.125	1.0	0.875	0.562	0.125	1.0	0.875	0.562	0.125	0.875
954	GOB_087.075e	0.125	0.875	0.5	0.5	0.125	0.875	0.5	0.5	0.125	0.875
955	GOB_075.062e	0.125	0.75	0.375	0.375	0.125	0.75	0.375	0.375	0.125	0.75
956	GOB_062.050e	0.125	0.625	0.25	10.0	0.125	0.625	0.25	20.7	0.125	10.0
957	GOB_050.037e	0.125	0.5	0.125	0.437	0.125	0.5	0.125	0.437	0.125	0.5
958	GOB_037.025e	0.125	0.375	0.125	0.312	0.125	0.375	0.125	0.312	0.125	0.375
959	GOB_025.012e	0.125	0.25	0.125	0.187	0.125	0.25	0.125	0.187	0.125	0.25
960	NW_012e	0.125	0.125	0.125	0.125	0.125	0.125	0.125	0.125	0.125	0.125
961	B50R_012.012e	0.125	0.125	0.062	3.9	0.125	0.125	0.062	3.9	0.125	0.125
962	GOB_100.100e	0.0	1.0	1.0	0.0	0.0	1.0	1.0	0.0	0.0	1.0
963	GOB_087.087e	0.0	0.875	0.875	0.875	0.875	0.875	0.875	0.875	0.875	0.875
964	GOB_075.075e	0.0	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75
965	GOB_062.062e	0.0	0.625	0.625	0.625	0.625	0.625	0.625	0.625	0.625	0.625
966	GOB_050.050e	0.0	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
967	GOB_037.037e	0.0	0.375	0.375	0.375	0.375	0.375	0.375	0.375	0.375	0.375
968	GOB_025.025e	0.0	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25
969	GOB_012.012e	0.0	0.125	0.125	0.125	0.125	0.125	0.125	0.125	0.125	0.125
970	NW_000e	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
971		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

QI09-7N, 31/33-F

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

grafico TUB-QI09; codice di tinte: H*=R25Y_e
colori e la differenza, ΔE*

4-0133030-F0

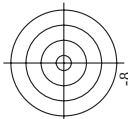
n	H*Ch*Fe	rgb-Fe	icL-Fe	hsa-Fe	rgb*Fe	LabCh*Fe	LabCh*Fe	rgb**Fe	LabCh**Fe	DF**Fe	hsa**Fe	rgb**Fe	LabCh**Fe
972	NW 000e	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
973	NW 012e	0.125	0.125	0.125	0.125	0.125	0.125	0.125	0.125	0.3	0.3	0.125	0.125
974	NW 025e	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.6	0.6	0.25	0.25
975	NW 037e	0.375	0.375	0.375	0.375	0.375	0.375	0.375	0.375	0.9	0.9	0.375	0.375
976	NW 050e	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	1.2	1.2	0.5	0.5
977	NW 062e	0.625	0.625	0.625	0.625	0.625	0.625	0.625	0.625	1.5	1.5	0.625	0.625
978	NW 075e	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	1.8	1.8	0.75	0.75
979	NW 087e	0.875	0.875	0.875	0.875	0.875	0.875	0.875	0.875	2.1	2.1	0.875	0.875
980	NW 100e	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	2.4	2.4	1.0	1.0
981	NW 000e	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
982	NW 012e	0.125	0.125	0.125	0.125	0.125	0.125	0.125	0.125	0.3	0.3	0.125	0.125
983	NW 025e	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.6	0.6	0.25	0.25
984	NW 037e	0.375	0.375	0.375	0.375	0.375	0.375	0.375	0.375	0.9	0.9	0.375	0.375
985	NW 050e	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	1.2	1.2	0.5	0.5
986	NW 062e	0.625	0.625	0.625	0.625	0.625	0.625	0.625	0.625	1.5	1.5	0.625	0.625
987	NW 075e	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	1.8	1.8	0.75	0.75
988	NW 087e	0.875	0.875	0.875	0.875	0.875	0.875	0.875	0.875	2.1	2.1	0.875	0.875
989	NW 100e	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	2.4	2.4	1.0	1.0
990	NW 000e	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
991	NW 012e	0.125	0.125	0.125	0.125	0.125	0.125	0.125	0.125	0.3	0.3	0.125	0.125
992	NW 025e	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.6	0.6	0.25	0.25
993	NW 037e	0.375	0.375	0.375	0.375	0.375	0.375	0.375	0.375	0.9	0.9	0.375	0.375
994	NW 050e	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	1.2	1.2	0.5	0.5
995	NW 062e	0.625	0.625	0.625	0.625	0.625	0.625	0.625	0.625	1.5	1.5	0.625	0.625
996	NW 075e	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	1.8	1.8	0.75	0.75
997	NW 087e	0.875	0.875	0.875	0.875	0.875	0.875	0.875	0.875	2.1	2.1	0.875	0.875
998	NW 100e	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	2.4	2.4	1.0	1.0
999	NW 000e	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1000	NW 012e	0.125	0.125	0.125	0.125	0.125	0.125	0.125	0.125	0.3	0.3	0.125	0.125
1001	NW 025e	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.6	0.6	0.25	0.25
1002	NW 037e	0.375	0.375	0.375	0.375	0.375	0.375	0.375	0.375	0.9	0.9	0.375	0.375
1003	NW 050e	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	1.2	1.2	0.5	0.5
1004	NW 062e	0.625	0.625	0.625	0.625	0.625	0.625	0.625	0.625	1.5	1.5	0.625	0.625
1005	NW 075e	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	1.8	1.8	0.75	0.75
1006	NW 087e	0.875	0.875	0.875	0.875	0.875	0.875	0.875	0.875	2.1	2.1	0.875	0.875
1007	NW 100e	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	2.4	2.4	1.0	1.0
1008	NW 000e	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1009	NW 012e	0.125	0.125	0.125	0.125	0.125	0.125	0.125	0.125	0.3	0.3	0.125	0.125
1010	NW 025e	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.6	0.6	0.25	0.25
1011	NW 037e	0.375	0.375	0.375	0.375	0.375	0.375	0.375	0.375	0.9	0.9	0.375	0.375
1012	NW 050e	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	1.2	1.2	0.5	0.5
1013	NW 062e	0.625	0.625	0.625	0.625	0.625	0.625	0.625	0.625	1.5	1.5	0.625	0.625
1014	NW 075e	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	1.8	1.8	0.75	0.75
1015	NW 087e	0.875	0.875	0.875	0.875	0.875	0.875	0.875	0.875	2.1	2.1	0.875	0.875
1016	NW 100e	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	2.4	2.4	1.0	1.0
1017	NW 000e	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1018	NW 012e	0.125	0.125	0.125	0.125	0.125	0.125	0.125	0.125	0.3	0.3	0.125	0.125
1019	NW 025e	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.6	0.6	0.25	0.25
1020	NW 037e	0.375	0.375	0.375	0.375	0.375	0.375	0.375	0.375	0.9	0.9	0.375	0.375
1021	NW 050e	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	1.2	1.2	0.5	0.5
1022	NW 062e	0.625	0.625	0.625	0.625	0.625	0.625	0.625	0.625	1.5	1.5	0.625	0.625
1023	NW 075e	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	1.8	1.8	0.75	0.75
1024	NW 087e	0.875	0.875	0.875	0.875	0.875	0.875	0.875	0.875	2.1	2.1	0.875	0.875
1025	NW 100e	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	2.4	2.4	1.0	1.0
1026	NW 000e	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1027	NW 012e	0.125	0.125	0.125	0.125	0.125	0.125	0.125	0.125	0.3	0.3	0.125	0.125
1028	NW 025e	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.6	0.6	0.25	0.25
1029	NW 037e	0.375	0.375	0.375	0.375	0.375	0.375	0.375	0.375	0.9	0.9	0.375	0.375
1030	NW 050e	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	1.2	1.2	0.5	0.5
1031	NW 062e	0.625	0.625	0.625	0.625	0.625	0.625	0.625	0.625	1.5	1.5	0.625	0.625
1032	NW 075e	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	1.8	1.8	0.75	0.75
1033	NW 087e	0.875	0.875	0.875	0.875	0.875	0.875	0.875	0.875	2.1	2.1	0.875	0.875
1034	NW 100e	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	2.4	2.4	1.0	1.0
1035	NW 000e	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1036	NW 012e	0.125	0.125	0.125	0.125	0.125	0.125	0.125	0.125	0.3	0.3	0.125	0.125
1037	NW 025e	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.6	0.6	0.25	0.25
1038	NW 037e	0.375	0.375	0.375	0.375	0.375	0.375	0.375	0.375	0.9	0.9	0.375	0.375
1039	NW 050e	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	1.2	1.2	0.5	0.5
1040	NW 062e	0.625	0.625	0.625	0.625	0.625	0.625	0.625	0.625	1.5	1.5	0.625	0.625
1041	NW 075e	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	1.8	1.8	0.75	0.75
1042	NW 087e	0.875	0.875	0.875	0.875	0.875	0.875	0.875	0.875	2.1	2.1	0.875	0.875
1043	NW 100e	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	2.4	2.4	1.0	1.0
1044	NW 000e	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1045	NW 012e	0.125	0.125	0.125	0.125	0.125	0.125	0.125	0.125	0.3	0.3	0.125	0.125
1046	NW 025e	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.6	0.6	0.25	0.25
1047	NW 037e	0.375	0.375	0.375	0.375	0.375	0.375	0.375	0.375	0.9	0.9	0.375	0.375
1048	NW 050e	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	1.2	1.2	0.5	0.5
1049	NW 062e	0.625	0.625	0.625	0.625	0.625	0.625	0.625	0.625	1.5	1.5	0.625	0.625
1050	NW 075e	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	1.8	1.8	0.75	0.75
1051	NW 087e	0.875	0.875	0.875	0.875	0.875	0.875	0.875	0.875	2.1	2.1	0.875	0.875
1052	NW 100e	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	2.4	2.4	1.0	1.0

Q1090-7N, 32/33-F

grafico TUB-QI09; codice di tinte: H*e=R25Y e
colori e la differenza, ΔE^*

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

4-0133130-F0



TUB materiale: code=rha4ta

vedere dei file simili: <http://130.149.60.45/~farbmetrik/QI09/QI09.HTM>
informazioni tecniche: <http://www.ps.bam.de> o <http://130.149.60.45/~farbmetrik>

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

grafico TUB-QI09; codice di tinte: H^{*}_e=R25Y_e

01090-7N 33/33-E

4-0133230-F0

4-013330-FO

γ	HIC-Fe	rgb-Fe	icr-Fe	hsa-Fe	rgb-Fe	LutCh-Fe	LutCh-Fe	rgb-Fe	rgb-Fe	DE-Fe	hsa-Fe	rgb-Fe	LutCh-Fe
0053	NW_086c	0.866	0.866	0.866	0.866	0.866	86.1	0.0	0.0	0.0	0.0	0.0	0.0
0054	NW_093a	0.933	0.933	0.933	0.933	91.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0055	NW_100e	1.0	1.0	1.0	1.0	1.0	95.8	0.0	0.0	0.0	0.0	0.0	0.0
0056	NW_100e	0.0	0.0	0.0	0.0	0.0	23.8	0.0	0.0	0.0	0.0	0.0	0.0
0057	NW_006e	0.066	0.066	0.066	0.066	28.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0058	NW_013a	0.133	0.133	0.133	0.133	33.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0059	NW_020e	0.2	0.2	0.2	0.2	38.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0060	NW_026e	0.266	0.266	0.266	0.266	42.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0061	NW_033a	0.333	0.333	0.333	0.333	47.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0062	NW_040e	0.4	0.4	0.4	0.4	52.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0063	NW_046e	0.466	0.466	0.466	0.466	57.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0064	NW_053e	0.533	0.533	0.533	0.533	62.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0065	NW_060e	0.6	0.6	0.6	0.6	67.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0066	NW_066e	0.666	0.666	0.666	0.666	71.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0067	NW_073a	0.734	0.734	0.734	0.734	76.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0068	NW_080e	0.8	0.8	0.8	0.8	81.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0069	NW_086e	0.866	0.866	0.866	0.866	86.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0070	NW_093a	0.933	0.933	0.933	0.933	91.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0071	NW_100e	1.0	1.0	1.0	1.0	95.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0072	NW_100e	0.0	0.0	0.0	0.0	23.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0073	NW_100e	0.0	0.0	0.0	0.0	95.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0074	ROY_100_100e	0.0	0.0	0.0	0.263	47.5	56.0	26.7	62.1	25.4	37.5	37.5	62.1
0075	G50B_100_100e	0.0	0.0	0.0	0.0	0.791	54.9	-38.7	-29.1	48.4	234.0	15.2	198
0076	YOOC_100_100e	0.0	0.0	0.0	0.0	0.768	76.9	92.3	76.8	76.9	92.3	76.8	76.9
0077	BOOR_100_100e	0.0	0.0	0.0	0.0	0.376	31.1	-83.6	-3.1	86.1	87.6	10.0	83.6
0078	BOOR_100_100e	0.0	0.0	0.0	0.0	0.261	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0079	G50B_100_100e	0.0	0.0	0.0	0.0	0.146	53.8	-65.9	-21.1	69.2	154.3	12.4	157
0080	B50R_100_100e	0.0	0.0	0.0	0.0	0.330	38.5	-48.6	-28.5	54.7	326.6	1.0	326.6