

Immettere y uscita: Offset Reflective System ORS18a for relative CIELAB hue $h_{ab,a,rel} = h_{ab}/360 = 68/360 = 0.19$

$H^*_{-} = R50Y_{-}$

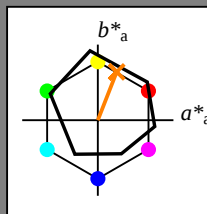
Dati del dispositivo (d) o
colori elementari (e):

HIC^*_{-}

codice di tonalità per i colori
questa pagina:

$H^*_{-} = R50Y_{-}$

triangolo chiarezza T^*



ORS18a; dati atti CIELAB (a)

name	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
R ₋ ,Ma	47.9	65.3	50.5	82.6	37
Y ₋ ,Ma	90.3	-10.2	91.7	92.3	96
G ₋ ,Ma	50.9	-62.8	34.9	71.9	150
C ₋ ,Ma	58.6	-30.3	-45.0	54.2	236
B ₋ ,Ma	25.7	31.0	-44.4	54.2	305
M ₋ ,Ma	48.1	75.2	-8.3	75.7	353
N ₋ ,Ma	18.0	0.0	0.0	0.0	0
W ₋ ,Ma	95.4	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):

$LabCh^*_{-,Ma}$: 68 25 63 68 68

$HIC^*_{-,Ma}$: R50Y_100_100_

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

1.0 0.5 0.0 1.0 1.0

triangolo chiarezza T^*

%Gamma

$u^*_{rel} = 92$

%Regularità

$g^*_{H,rel} = 57$

$g^*_{C,rel} = 58$

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

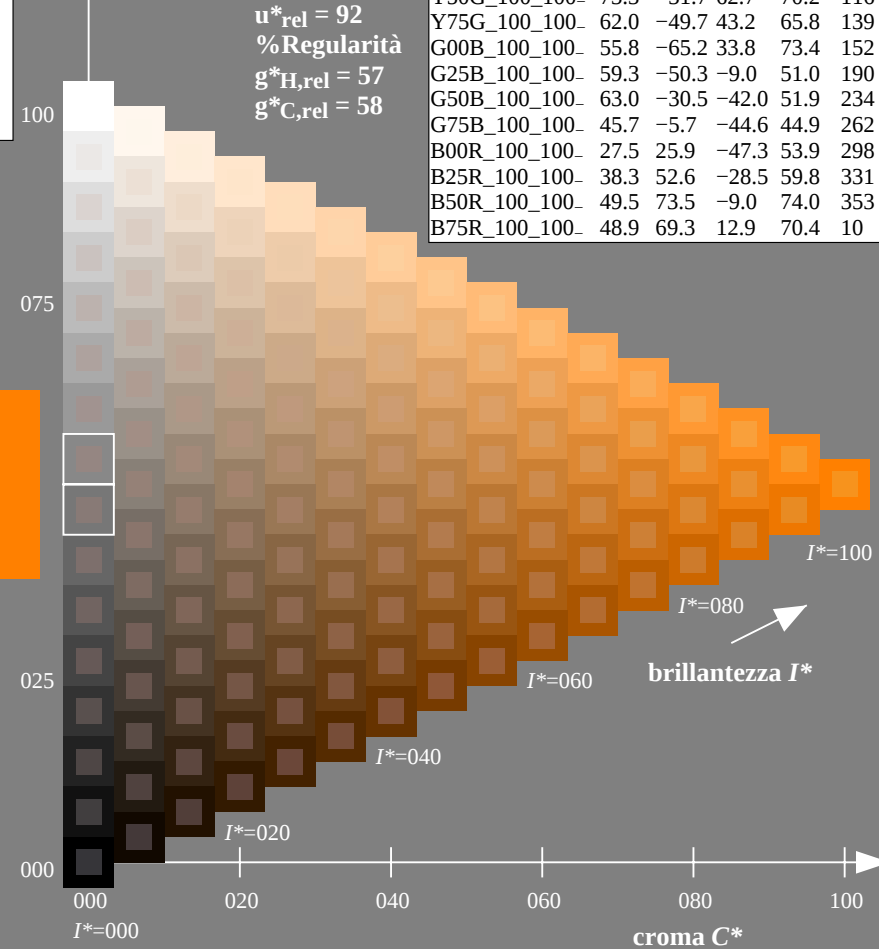
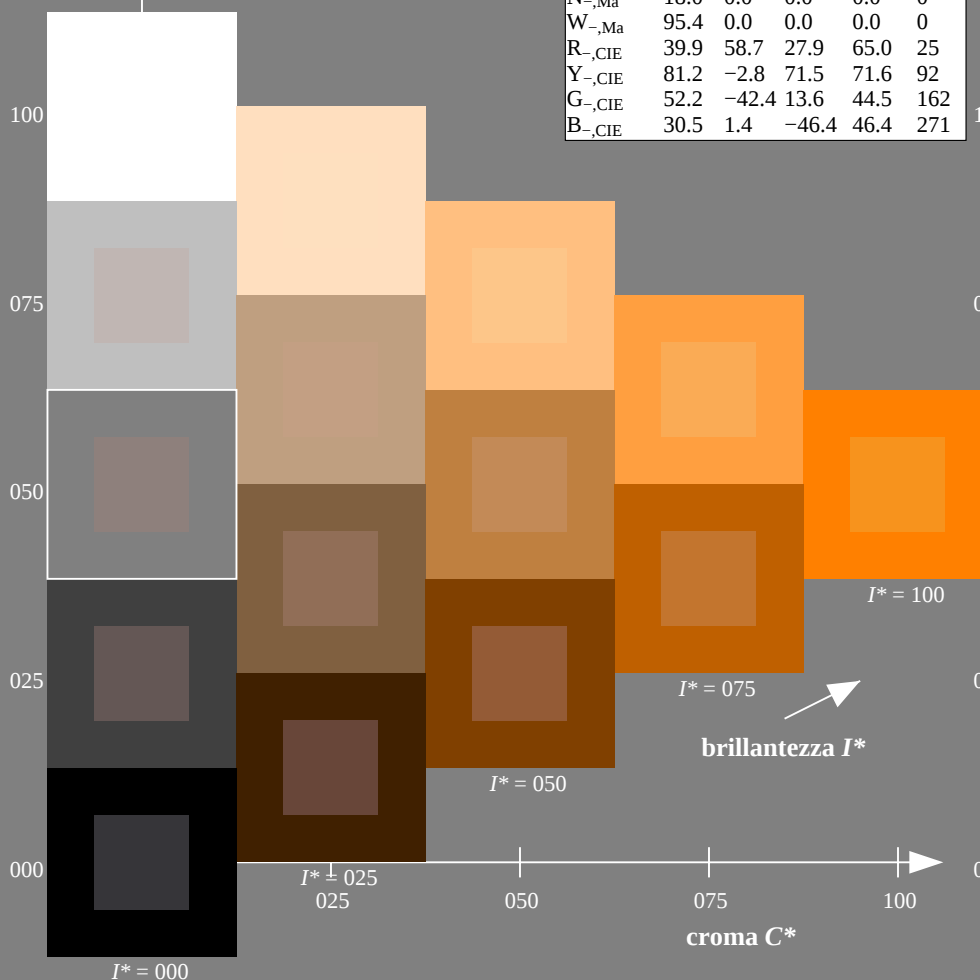


grafico TUB-QI15; codice di tinte: $H^*_{-}=R50Y_{-}$
grafico conformemente a DIN 33872, 3D=0, de=1, cmyk

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

TUB iscrizione: 20130201-QI15/QI15L0NA.TXT /.PS
la domanda per la misura uscita nella stampa di offset

TUB materiale: code=rha4ta

Immettere y uscita: Offset Reflective System ORS18a for relative CIELAB hue $h_{ab,a,rel} = h_{ab}/360 = 58/360 = 0.16$

$H^*_e = R50Y_e$

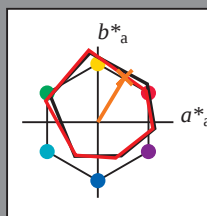
Dati del dispositivo (d) o colori elementari (e):

HIC^*_e

codice di tonalità per i colori questa pagina:

$H^*_e = R50Y_e$

triangolo chiarezza T^*



ORS20a; dati atti CIELAB (a)

name	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
$R_{e,Ma}$	47.6	64.9	30.9	71.9	25
$Y_{e,Ma}$	82.9	-3.5	87.8	87.9	92
$G_{e,Ma}$	52.4	-67.1	21.5	70.5	162
$C_{e,Ma}$	56.6	-39.7	-29.9	49.8	216
$B_{e,Ma}$	37.9	1.3	-45.4	45.4	271
$M_{e,Ma}$	34.8	49.2	-30.0	57.7	328
$N_{e,Ma}$	17.7	0.0	0.0	0.0	0
$W_{e,Ma}$	95.4	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):

$LabCh^*_{e,Ma}$: 60 35 59 68 58

$HIC^*_{e,Ma}$: R50Y_100_100_e

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

1.0 0.34 0.0 1.0 1.0

triangolo chiarezza T^*

%Gamma

$u^*_{rel} = 92$

%Regularità

$g^*_{H,rel} = 57$

$g^*_{C,rel} = 58$

ORS20a; dati atti CIELAB (a)

H^*_e	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
$R00Y_{100_100_e}$	47.6	64.9	30.9	71.9	25
$R25Y_{100_100_e}$	51.5	54.2	47.2	71.9	41
$R50Y_{100_100_e}$	60.3	35.6	59.0	68.9	58
$R75Y_{100_100_e}$	70.4	17.0	72.2	74.1	76
$Y00G_{100_100_e}$	82.9	-3.5	87.8	87.9	92
$Y25G_{100_100_e}$	76.9	-25.5	75.9	80.1	108
$Y50G_{100_100_e}$	65.8	-41.4	54.4	68.3	127
$Y75G_{100_100_e}$	56.9	-56.3	38.1	68.0	145
$G00B_{100_100_e}$	52.4	-67.1	21.5	70.5	162
$G25B_{100_100_e}$	54.6	-53.2	-9.0	53.9	189
$G50B_{100_100_e}$	56.6	-39.7	-29.9	49.8	216
$G75B_{100_100_e}$	52.7	-21.1	-44.1	48.9	244
$B00R_{100_100_e}$	37.9	1.3	-45.4	45.4	271
$B25R_{100_100_e}$	26.7	26.6	-45.8	52.9	300
$B50R_{100_100_e}$	34.8	49.2	-30.0	57.7	328
$B75R_{100_100_e}$	47.3	71.5	-9.9	72.1	352

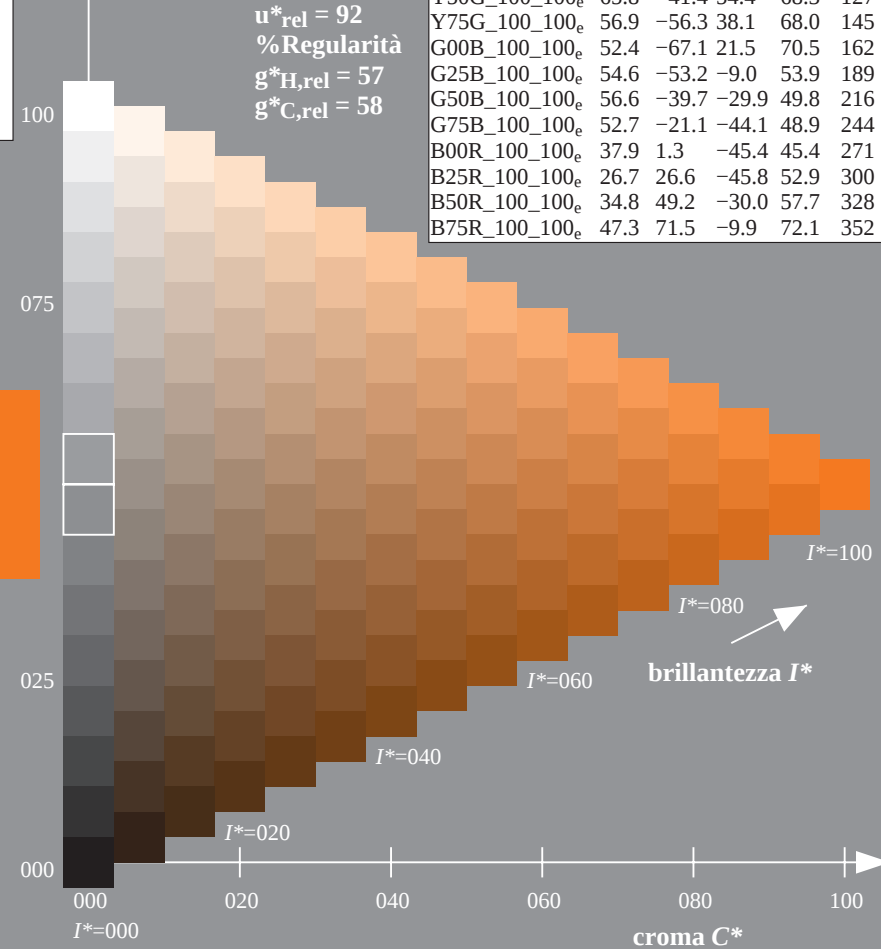
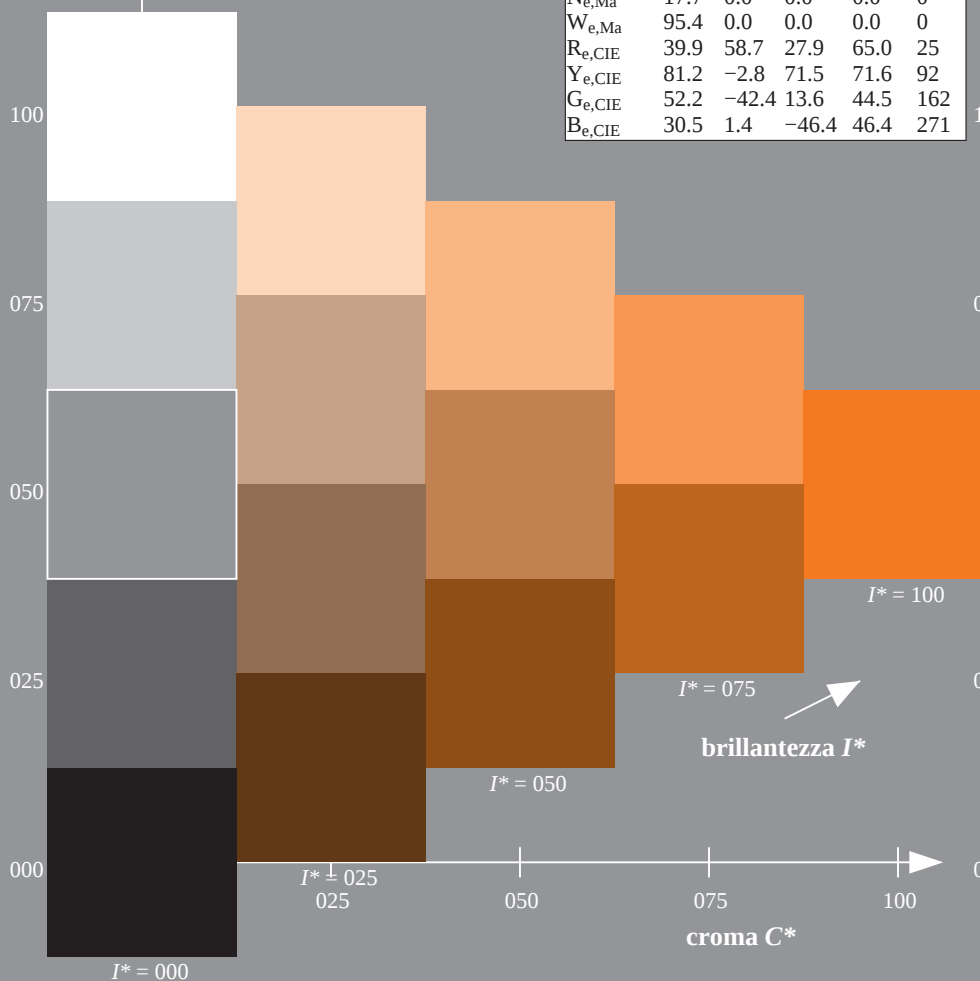


grafico TUB-QI15; codice di tinte: $H^*_e=R50Y_e$
grafico conformemente a DIN 33872, 3D=0, de=1, cmyk

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

TUB iscrizione: 20130201-QI15/QI15L0NA.TXT /.PS
la domanda per la misura uscita nella stampa di offset, separazione cmyk6 (CMYK)

TUB materiale: code=rha4ta

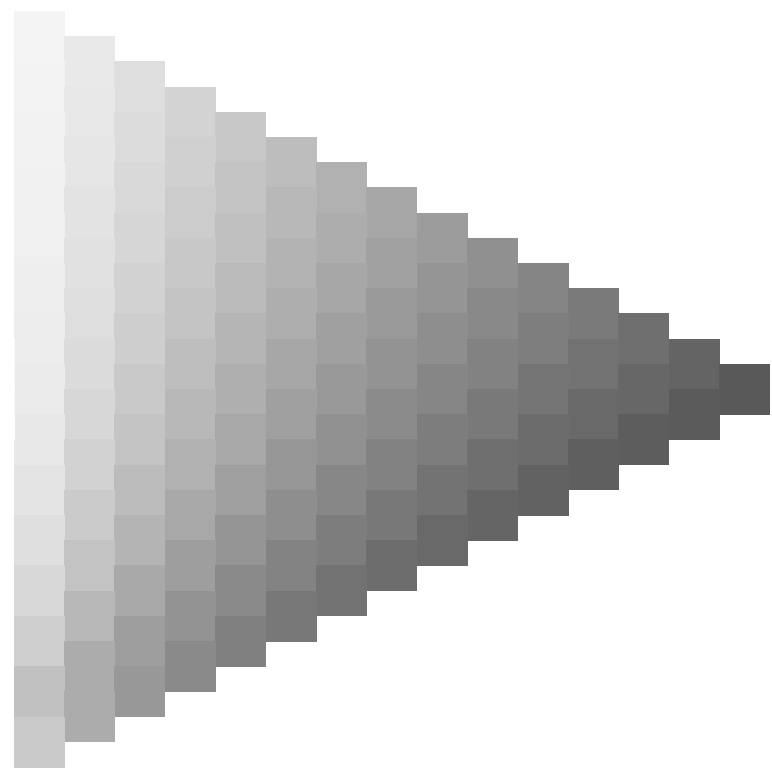
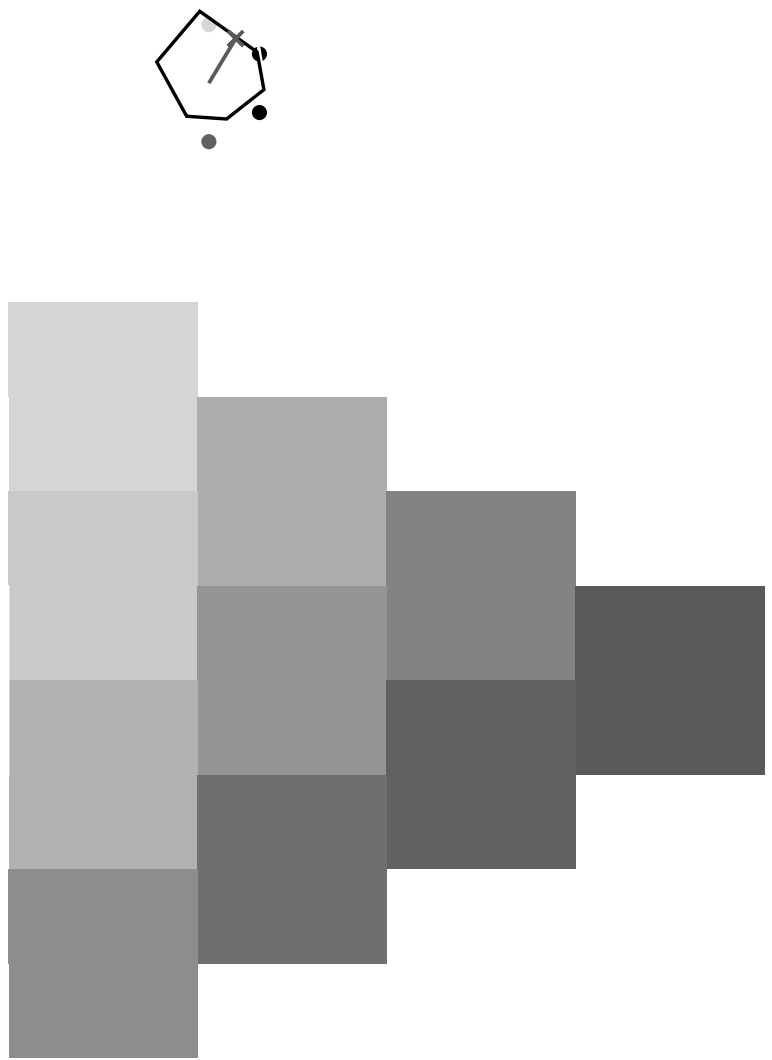
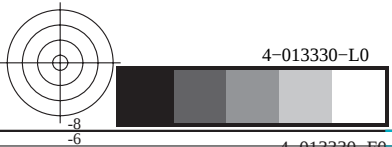


vedere dei file simili: <http://130.149.60.45/~farbmetrik/QI15/QI15.HTM>
informazioni tecniche: <http://www.ps.bam.de> o <http://130.149.60.45/~farbmetrik>



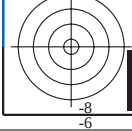
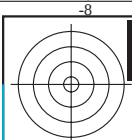
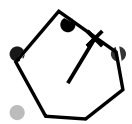
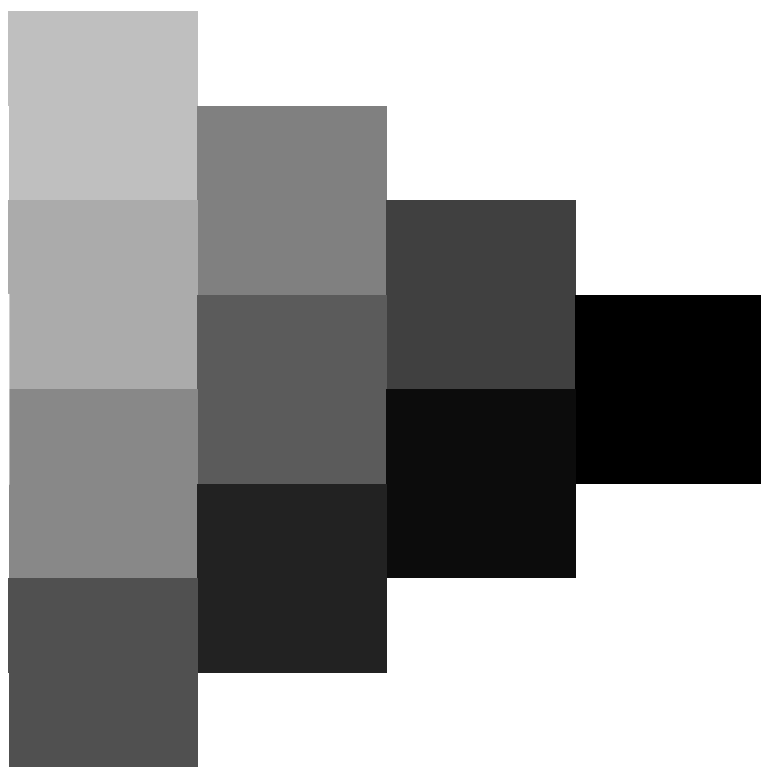
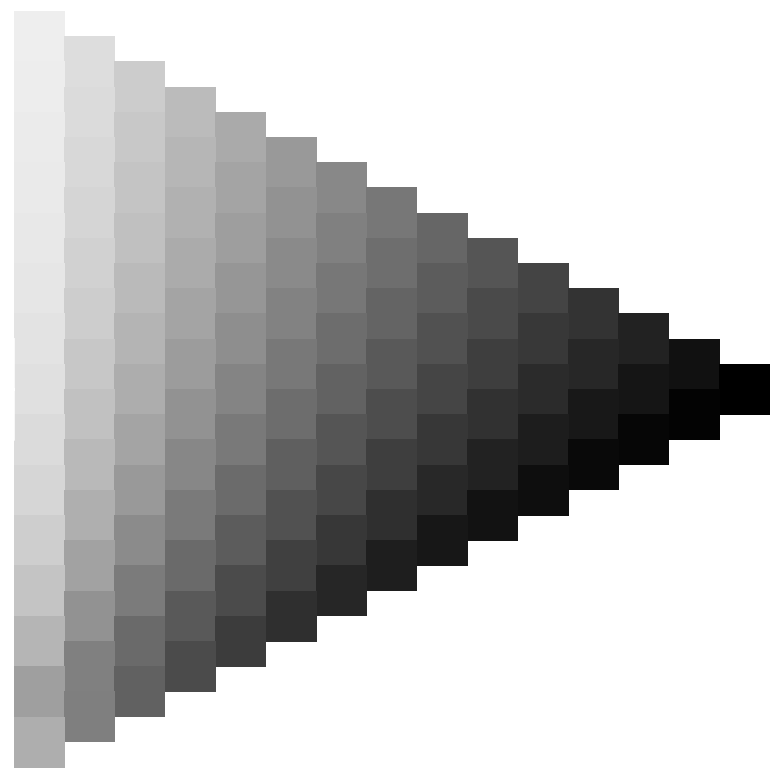


vedere dei file simili: <http://130.149.60.45/~farbmetrik/QI15/QI15.HTM>
informazioni tecniche: <http://www.ps.bam.de> o <http://130.149.60.45/~farbmetrik>





TUB iscrizione: 20130201-QI15/QI15L0NA.TXT /.PS
la domanda per la misura uscita nella stampa di offset, separazione cmyk6 (CMYK)



vedere dei file simili: <http://130.149.60.45/~farbmetrik/QI15/QI15L0NA.TXT> /.PS; uscita di trasferimento
informazioni tecniche: <http://www.ps.bam.de> o <http://130.149.60.45/~farbmetrik>

http://130.149.60.45/~farbmetrik/QI15/QI15L0NA.TXT /.PS; uscita di trasferimento
N: nessun 3D-linearizzazione (OL) nel file (F) o PS-startup (S), pagina 5/33

4-013430-L0 QI150-71

grafico TUB-QI15; codice di tinte: $H^*_e=R50Y_e$
grafico conformemente a DIN 33872, 3D=0, de=1, cmyk

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

4-013430-E0

Immettere y uscita: Offset Reflective System ORS18a for relative CIELAB hue $h_{ab,a,rel} = h_{ab}/360 = 58/360 = 0.16$

$H^*_e = R50Y_e$

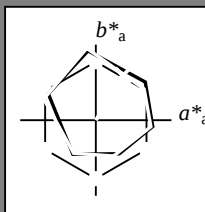
Dati del dispositivo (d) o
colori elementari (e):

HIC^*_e

codice di tonalità per i colori
questa pagina:

$H^*_e = R50Y_e$

triangolo chiarezza T^*



ORS20a; dati atti CIELAB (a)

name	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
$R_{e,Ma}$	47.6	64.9	30.9	71.9	25
$Y_{e,Ma}$	82.9	-3.5	87.8	87.9	92
$G_{e,Ma}$	52.4	-67.1	21.5	70.5	162
$C_{e,Ma}$	56.6	-39.7	-29.9	49.8	216
$B_{e,Ma}$	37.9	1.3	-45.4	45.4	271
$M_{e,Ma}$	34.8	49.2	-30.0	57.7	328
$N_{e,Ma}$	17.7	0.0	0.0	0.0	0
$W_{e,Ma}$	95.4	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):

$LabCh^*_{e,Ma}$: 60 35 59 68 58

$HIC^*_{e,Ma}$: R50Y_100_100_e

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

1.0 0.34 0.0 1.0 1.0

triangolo chiarezza T^*

%Gamma

$u^*_{rel} = 92$

%Regolarità

$g^*_{H,rel} = 57$

$g^*_{C,rel} = 58$

ORS20a; dati atti CIELAB (a)

H^*_e	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
$R00Y_{100_100_e}$	47.6	64.9	30.9	71.9	25
$R25Y_{100_100_e}$	51.5	54.2	47.2	71.9	41
$R50Y_{100_100_e}$	60.3	35.6	59.0	68.9	58
$R75Y_{100_100_e}$	70.4	17.0	72.2	74.1	76
$Y00G_{100_100_e}$	82.9	-3.5	87.8	87.9	92
$Y25G_{100_100_e}$	76.9	-25.5	75.9	80.1	108
$Y50G_{100_100_e}$	65.8	-41.4	54.4	68.3	127
$Y75G_{100_100_e}$	56.9	-56.3	38.1	68.0	145
$G00B_{100_100_e}$	52.4	-67.1	21.5	70.5	162
$G25B_{100_100_e}$	54.6	-53.2	-9.0	53.9	189
$G50B_{100_100_e}$	56.6	-39.7	-29.9	49.8	216
$G75B_{100_100_e}$	52.7	-21.1	-44.1	48.9	244
$B00R_{100_100_e}$	37.9	1.3	-45.4	45.4	271
$B25R_{100_100_e}$	26.7	26.6	-45.8	52.9	300
$B50R_{100_100_e}$	34.8	49.2	-30.0	57.7	328
$B75R_{100_100_e}$	47.3	71.5	-9.9	72.1	352

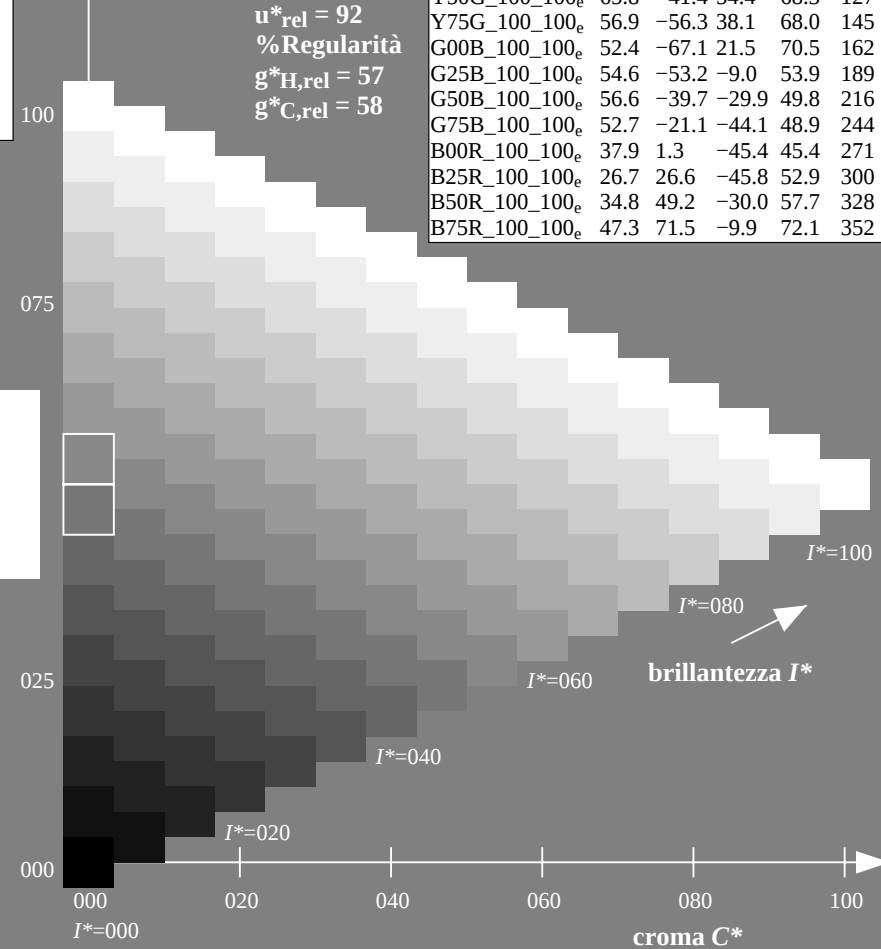
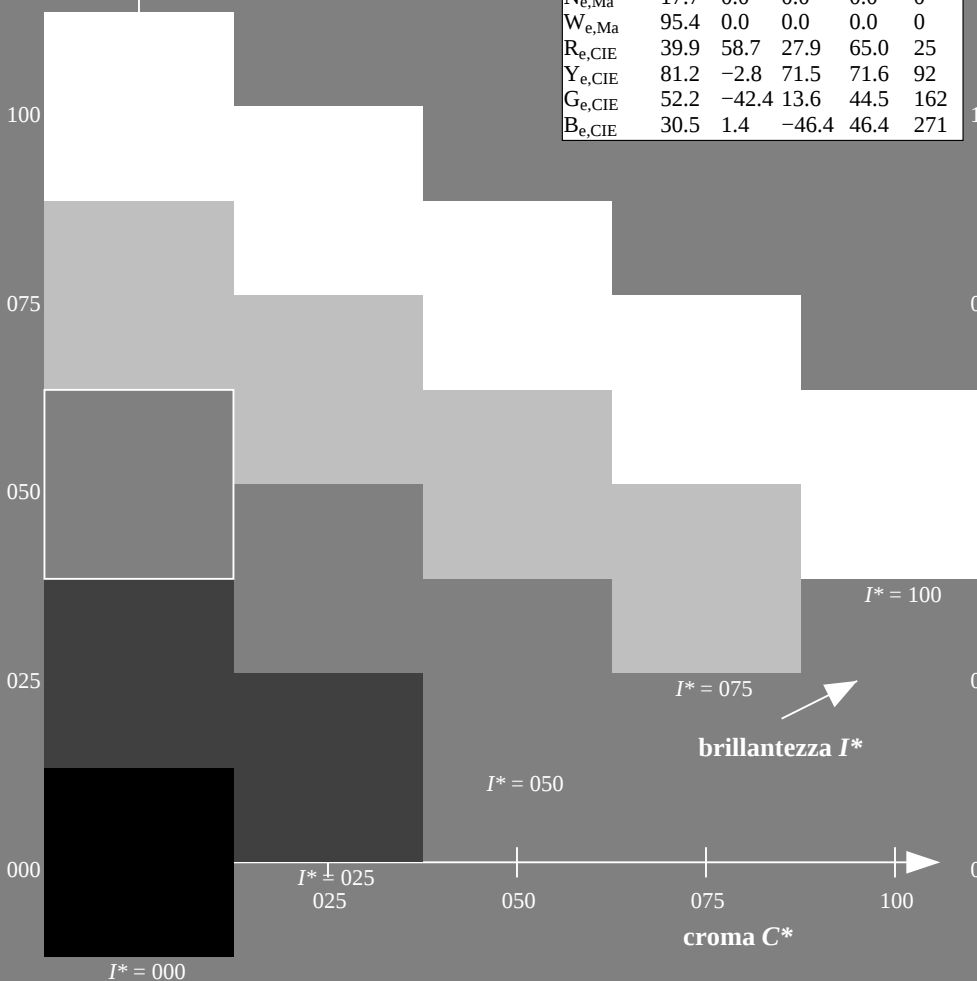


grafico TUB-QI15; codice di tinte: $H^*_e=R50Y_e$
grafico conformemente a DIN 33872, 3D=0, de=1, cmyk

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

Data of Maximum color M in colorimetric system Offset standard print; separation cmyn6*, D65 for input or output; Six hue angles of the 60 degree standard colours $RYGCBM_s$: $h_{ab,ds} = 30.0, 90.0, 150.0, 210.0, 270.0, 330.0$;
Six hue angles of the device colours $RYGCBM_d$: $h_{ab,d} = 32.8, 97.2, 157.8, 236.2, 296.4, 353.3$; Six hue angles of the elementary colours $RYGCBM_e$: $h_{ab,e} = 25.5, 92.3, 162.2, 217.0, 271.7, 328.6$

$J=Y_d$
 $LCH^*_d = 88.3 \ 95.8 \ 97.1$
 $LAB^*_d = 88.3 \ -11.9 \ 95.1$
 $rgb^*_d = 1.0 \ 1.0 \ 0.0$

$L=G_d$
 $LCH^*_d = 51.9 \ 74.3 \ 157.7$
 $LAB^*_d = 51.9 \ -68.8 \ 28.1$
 $rgb^*_d = 0.0 \ 1.0 \ 0.0$

$C=C_d$
 $LCH^*_d = 58.3 \ 52.6 \ 236.1$
 $LAB^*_d = 58.3 \ -29.2 \ -43.7$
 $rgb^*_d = 0.0 \ 1.0 \ 1.0$

$O=R_d$
 $LCH^*_d = 47.3 \ 76.0 \ 32.8$
 $LAB^*_d = 47.3 \ 63.8 \ 41.2$
 $rgb^*_d = 1.0 \ 0.0 \ 0.0$

$M=M_d$
 $LCH^*_d = 48.2 \ 73.3 \ 353.3$
 $LAB^*_d = 48.2 \ 72.8 \ -8.5$
 $rgb^*_d = 1.0 \ 0.0 \ 1.0$

$V=B_d$
 $LCH^*_d = 25.3 \ 52.8 \ 296.4$
 $LAB^*_d = 25.3 \ 23.5 \ -47.3$
 $rgb^*_d = 0.0 \ 0.0 \ 1.0$

Y_e
 $LCH^*_e = 82.9 \ 87.9 \ 92.3$
 $LAB^*_e = 82.9 \ -3.5 \ 87.8$
 $rgb^*_{de} = 1.0 \ 0.841 \ 0.0$

G_e
 $LCH^*_e = 52.4 \ 70.5 \ 162.2$
 $LAB^*_e = 52.4 \ -67.1 \ 21.5$
 $rgb^*_{de} = 0.0 \ 1.0 \ 0.093$

C_e
 $LCH^*_e = 56.6 \ 49.8 \ 216.9$
 $LAB^*_e = 56.6 \ -39.7 \ -29.9$
 $rgb^*_{de} = 0.0 \ 1.0 \ 0.735$

B_e
 $LCH^*_e = 37.9 \ 45.4 \ 271.7$
 $LAB^*_e = 37.9 \ 1.3 \ -45.4$
 $rgb^*_{de} = 0.0 \ 0.374 \ 1.0$

R_e
 $LCH^*_e = 47.6 \ 71.9 \ 25.4$
 $LAB^*_e = 47.6 \ 64.9 \ 30.9$
 $rgb^*_{de} = 1.0 \ 0.0 \ 0.209$

M_e
 $LCH^*_e = 34.8 \ 57.7 \ 328.6$
 $LAB^*_e = 34.8 \ 49.2 \ -30.0$
 $rgb^*_{de} = 0.407 \ 0.0 \ 1.0$

Y_s
 $LCH^*_s = 80.6 \ 84.9 \ 90.0$
 $LAB^*_s = 80.6 \ 0.0 \ 84.9$
 $rgb^*_{ds} = 1.0 \ 0.784 \ 0.0$

G_s
 $LCH^*_s = 55.1 \ 70.1 \ 150.0$
 $LAB^*_s = 55.1 \ -60.7 \ 35.0$
 $rgb^*_{ds} = 0.074 \ 1.0 \ 0.0$

C_s
 $LCH^*_s = 56.1 \ 50.0 \ 210.0$
 $LAB^*_s = 56.1 \ -43.3 \ -25.0$
 $rgb^*_{ds} = 0.0 \ 1.0 \ 0.665$

R_s
 $LCH^*_s = 47.4 \ 74.2 \ 30.0$
 $LAB^*_s = 47.4 \ 64.3 \ 37.1$
 $rgb^*_{ds} = 1.0 \ 0.0 \ 0.084$

M_s
 $LCH^*_s = 35.6 \ 58.3 \ 330.0$
 $LAB^*_s = 35.6 \ 50.5 \ -29.1$
 $rgb^*_{ds} = 0.431 \ 0.0 \ 1.0$

B_s
 $LCH^*_s = 38.8 \ 45.4 \ 270.0$
 $LAB^*_s = 38.8 \ 0.0 \ -45.4$
 $rgb^*_{ds} = 0.0 \ 0.397 \ 1.0$

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

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

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

$h_{ab,s}$

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

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

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

$h_{ab,e}$

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

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

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

$h_{ab,d}$

rgb^*_{de}

vedere dei file simili: <http://130.149.60.45/~farbmestikQ115Q115.HTM>
informazioni tecniche: <http://www.ps.bam.de> o <http://130.149.60.45/~farbmestik>

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

Six hue angles of the device colours $RYGCBM_d$: $h_{ab,d} = 32.8, 97.2, 157.8, 236.2, 296.4, 353.3$; 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^*	dd64M (x=LabCh)	rgb^*	dd64M	LAB^*	dd64M (x=LabCh)	rgb^*	dsx361M	LAB^*	dsx361M (x=LabCh)	rgb^*	dsx361M	LAB^*	dsx361M	rgb^*	dsx361M	LAB^*	dsx361M	
32.8	30.0	25.4	1.0	0.0	0.0	47.3 63.8 41.2 76.0	32.8	1.0	0.0	0.0	47.4 63.9 41.2 76.0	32	1.0	0.0	0.084	47.4 64.3 37.1 74.3	30	1.0	0.0	0.209	47.6 64.9 30.9 71.9	25	
40.4	37.5	33.8	1.0	0.125	0.0	51.2 54.9 46.7 72.1	40.4	1.0	0.117	0.0	51.0 55.5 46.5 72.4	39	1.0	0.0	0.069	0.0 49.5 59.0 44.5	73.9	37	1.0	0.007	0.0	47.6 63.4 41.6 75.8	33
50.0	45.0	42.1	1.0	0.25	0.0	56.0 44.4 53.0 69.1	50.0	1.0	0.25	0.0	56.0 44.4 53.0 69.2	50	1.0	0.185	0.0	53.5 50.0 50.0 70.7	45	1.0	0.148	0.0	52.1 53.0 48.1 71.6	42	
61.1	52.5	50.5	1.0	0.375	0.0	61.4 33.2 60.3 68.8	61.1	1.0	0.367	0.0	61.1 34.0 59.9 68.9	60	1.0	0.272	0.0	57.0 42.6 54.5 69.1	52	1.0	0.25	0.0	56.0 44.5 53.0 69.2	49	
71.4	60.0	58.8	1.0	0.5	0.0	67.2 22.6 67.6 71.2	71.4	1.0	0.5	0.0	67.2 22.6 67.6 71.3	71	1.0	0.362	0.0	60.9 34.5 59.7 68.9	60	1.0	0.35	0.0	60.3 35.6 59.0 69.0	58	
81.7	67.5	67.2	1.0	0.625	0.0	73.6 11.0 76.1 76.9	81.7	1.0	0.617	0.0	73.2 11.9 75.7 76.6	81	1.0	0.446	0.0	64.7 27.4 64.7 70.3	67	1.0	0.442	0.0	64.5 27.8 64.5 70.2	66	
88.5	75.0	75.6	1.0	0.75	0.0	79.2 2.0 83.0 83.1	88.5	1.0	0.75	0.0	79.3 2.0 83.1 83.1	88	1.0	0.543	0.0	69.4 19.0 70.7 73.2	75	1.0	0.55	0.0	69.8 18.3 71.3 73.6	75	
93.6	82.5	83.9	1.0	0.875	0.0	84.2 -5.7 89.4 89.6	93.6	1.0	0.867	0.0	84.0 -5.1 89.1 89.2	93	1.0	0.629	0.0	73.8 10.7 76.5 77.2	82	1.0	0.655	0.0	75.0 9.0 77.9 78.5	83	
97.1	90.0	92.3	1.0	1.0	0.0	88.3 -11.9 95.1 95.8	97.1	1.0	1.0	0.0	88.4 -11.9 95.1 95.9	97	1.0	0.785	0.0	80.7 0.0 84.9 84.9	90	1.0	0.842	0.0	83.0 -3.4 87.8 87.9	92	
100.3	97.5	101.0	0.875	1.0	0.0	85.8 -16.2 88.6 90.0	100.3	0.883	1.0	0.0	86.0 -15.9 89.0 90.5	100	1.0	0.994	0.0	88.2 -11.5 94.8 95.6	97	0.871	1.0	0.0	85.8 -16.2 88.4 89.9	100	
103.3	105.0	109.7	0.75	1.0	0.0	82.9 -19.7 83.0 85.3	103.3	0.75	1.0	0.0	83.0 -19.6 83.0 85.3	103	0.709	1.0	0.0	81.0 -21.6 80.9 83.7	105	0.599	1.0	0.0	76.2 -26.6 74.3 78.9	100	
108.3	112.5	118.5	0.625	1.0	0.0	77.0 -25.2 76.3 80.4	108.3	0.633	1.0	0.0	77.5 -24.8 76.8 80.8	107	0.56	1.0	0.0	74.9 -28.6 71.1 76.6	112	0.455	1.0	0.0	71.4 -33.4 63.2 71.6	110	
115.3	120.0	127.2	0.5	1.0	0.0	72.7 -31.3 66.0 73.1	115.3	0.5	1.0	0.0	72.8 -31.3 66.1 73.1	115	0.418	1.0	0.0	70.3 -35.1 60.9 70.3	120	0.327	1.0	0.0	65.8 -41.3 54.4 68.4	120	
122.4	127.5	136.0	0.375	1.0	0.0	68.9 -36.9 58.1 68.8	122.4	0.383	1.0	0.0	69.2 -36.5 58.6 69.1	121	0.329	1.0	0.0	66.0 -41.1 54.6 68.4	127	0.244	1.0	0.0	60.7 -48.1 47.5 67.6	134	
134.9	135.0	144.7	0.25	1.0	0.0	60.8 -47.8 47.8 67.6	134.9	0.25	1.0	0.0	60.9 -47.7 47.9 67.7	134	0.249	1.0	0.0	60.9 -47.7 47.8 67.7	135	0.124	1.0	0.0	57.4 -54.9 38.9 67.4	143	
144.6	142.5	153.4	0.125	1.0	0.0	57.4 -54.9 38.9 67.3	144.6	0.133	1.0	0.0	57.6 -54.4 39.6 67.4	144	0.159	1.0	0.0	58.4 -53.0 41.5 67.4	142	0.047	1.0	0.0	54.0 -63.8 32.7 71.7	153	
157.7	150.0	162.2	0.0	1.0	0.0	51.9 -68.8 28.1 74.3	157.7	0.0	1.0	0.0	52.0 -68.8 28.1 74.4	157	0.074	1.0	0.0	55.2 -60.7 35.1 70.2	150	0.0	1.0	0.093	52.4 -67.0 21.5 70.5	163	
163.7	157.5	169.0	0.0	1.0	0.125	52.5 -66.4 19.3 69.1	163.7	0.0	1.0	0.117	52.5 -66.5 19.9 69.5	163	0.008	1.0	0.0	52.3 -68.0 28.9 73.9	157	0.0	1.0	0.209	53.1 -63.5 12.8 64.9	168	
170.9	165.0	175.9	0.0	1.0	0.25	53.2 -61.9 9.8 62.7	170.9	0.0	1.0	0.25	53.3 -61.9 9.8 62.8	170	0.0	1.0	0.147	52.7 -65.7 17.6 68.1	165	0.0	1.0	0.311	53.7 -59.7 4.3 59.9	173	
181.0	172.5	182.7	0.0	1.0	0.375	54.1 -56.9 -1.0 56.9	181.0	0.0	1.0	0.367	54.0 -57.3 -0.3 57.4	180	0.0	1.0	0.263	53.4 -61.5 8.7 62.2	172	0.0	1.0	0.387	54.2 -56.4 2.2 56.5	180	
193.5	180.0	189.6	0.0	1.0	0.5	54.8 -51.0 -12.3 52.5	193.5	0.0	1.0	0.5	54.8 -51.0 -12.2 52.6	193	0.0	1.0	0.362	54.0 -57.5 0.0 57.6	180	0.0	1.0	0.46	54.6 -53.1 -8.9 54.0	189	
205.9	187.5	196.4	0.0	1.0	0.625	55.8 -45.1 -19.9 50.1	205.9	0.0	1.0	0.617	55.8 -45.5 -21.3 50.3	205	0.0	1.0	0.434	54.5 -54.4 -6.6 54.9	187	0.0	1.0	0.524	55.0 -50.0 -14.3 52.1	193	
218.4	195.0	203.2	0.0	1.0	0.75	56.7 -38.9 -30.9 49.7	218.4	0.0	1.0	0.75	56.8 -38.9 -30.8 49.8	218	0.0	1.0	0.514	55.0 -50.4 -13.4 52.3	195	0.0	1.0	0.598	55.6 -46.5 -19.9 50.7	205	
227.3	202.5	210.1	0.0	1.0	0.875	57.5 -34.3 -37.2 50.6	227.3	0.0	1.0	0.867	57.5 -34.6 -36.8 50.6	226	0.0	1.0	0.585	55.5 -47.1 -19.0 50.9	202	0.0	1.0	0.662	56.1 -43.4 -24.7 50.1	209	
236.1	210.0	216.9	0.0	1.0	1.0	58.3 -29.2 -43.7 52.6	236.1	0.0	1.0	1.0	58.3 -29.2 -43.6 52.6	236	0.0	1.0	0.666	56.1 -43.2 -24.9 50.0	210	0.0	1.0	0.736	56.7 -39.7 -29.9 49.8	210	
240.3	217.5	223.8	0.0	0.875	1.0	55.2 -25.0 -43.9 50.5	240.3	0.0	0.883	1.0	55.5 -25.2 -43.8 50.7	240	0.0	1.0	0.736	56.7 -39.7 -29.9 49.8	217	0.0	1.0	0.819	57.2 -36.4 -34.4 50.3	223	
245.8	225.0	230.6	0.0	0.75	1.0	51.7 -19.7 -44.1 48.3	245.8	0.0	0.75	1.0	51.8 -19.7 -44.1 48.4	245	0.0	1.0	0.842	57.4 -35.6 -35.6 50.4	225	0.0	1.0	0.922	57.9 -32.5 -39.7 51.4	226	
252.5	232.5	237.5	0.0	0.625	1.0	47.7 -13.9 -44.4 46.5	252.5	0.0	0.633	1.0	48.0 -14.2 -44.3 46.7	252	0.0	1.0	0.941	58.0 -31.7 -40.7 51.7	232	0.0	0.974	1.0	57.7 -28.3 -43.7 52.2	230	
262.3	240.0	244.3	0.0	0.5	1.0	42.7 -6.0 -45.0 45.4	262.3	0.0	0.5	1.0	42.8 -5.9 -44.9 45.4	262	0.0	0.886	1.0	55.5 -25.3 -43.8 50.7	240	0.0	0.785	1.0	52.7 -21.1 -44.1 49.0	244	
271.7	247.5	251.2	0.0	0.375	1.0	37.9 1.3 -45.4 45.4	271.7	0.0	0.383	1.0	38.3 0.9 -45.3 45.4	271	0.0	0.729	1.0	51.1 -18.7 -44.2 48.1	247	0.0	0.659	1.0	48.9 -15.4 -44.3 47.1	250	
281.6	255.0	258.0	0.0	0.25	1.0	33.3 9.4 -46.0 47.0	281.6	0.0	0.25	1.0	33.3 9.5 -45.9 47.0	281	0.0	0.594	1.0	46.5 -11.9 -44.6 46.3	255	0.0	0.555	1.0	45.0 -9.4 -44.8 45.9	258	
290.3	262.5	264.8	0.0	0.125	1.0	28.6 17.4 -46.9 50.1	290.3	0.0	0.133	1.0	28.9 16.9 -46.9 49.9	289	0.0	0.505	1.0	43.0 -6.2 -44.9 45.5	262	0.0	0.472	1.0	41.7 -4.3 -45.1 45.4	264	
296.4	270.0	271.7	0.0	0.0	1.0	25.3 23.5 -47.3 52.8	296.4	0.0	0.0	1.0	25.3 23.5 -47.3 52.9	296	0.0	0.398	1.0	38.8 0.0 -45.3 45.4	270	0.0	0.375	1.0	37.9 1.4 -45.3 45.5	273	
306.7	277.5	278.8	0.125	0.0	1.0	29.3 31.8 -42.6 53.1	306.7	0.117	0.0	1.0	29.1 31.3 -42.9 53.1	306	0.0	0.309	1.0	35.5 5.6 -45.8 46.3	277	0.0	0.291	1.0	34.9 6.8 -45.9 46.5	278	
312.7	285.0	285.9	0.25	0.0	1.0	31.5 36.2 -39.2 53.4	312.7	0.25	0.0	1.0	31.6 36.3 -39.1 53.4	312	0.0	0.202	1.0	31.5 12.5 -46.5 48.2	285	0.0	0.188	1.0	31.0 13.3 -46.6 48.5	285	
326.7	292.5	293.0	0.375	0.0	1.0	33.8 47.6 -31.2 56.9	326.7	0.367	0.0	1.0	33.7 46.9 -31.8 56.7	325	0.0	0.091	1.0	27.7 19.1 -47.1 50.9	292	0.0	0.079	1.0	27.4 19.6 -47.1 51.1	292	
333.9	300.0	300.1	0.5	0.0	1.0	37.8 53.8 -26.3 59.9	333.9	0.5	0.0	1.0	37.9 53.8 -26.3 59.9	333	0.043	0.0	1.0	26.7 26.5 -45.8 53.0	300	0.046	0.0	1.0	26.8 26.6 -45.7 53.0	300	
339.6	307.5	307.2	0.625	0.0	1.0	40.9 58.8 -21.8 62.7	339.6	0.617	0.0	1.0	40.8 58.5 -22.1 62.6	339	0.13	0.0	1.0	29.4 32.0 -42.4 53.2	307	0.126	0.0	1.0	29.4 31.9 -42.5 53.2	304	
347.2	315.0	314.3	0.75	0.0	1.0	43.1 65.9 -14.9 67.6	347.2	0.75	0.0	1.0	43.1 66.0 -14.9 67.6	347	0.27	0.0	1.0	31.9 38.2 -38.1 54.0	315	0.265	0.0	1.0	31.8 37.7 -38.4 53.8	310	
350.2	322.5	321.4	0.875	0.0	1.0	45.9 69.4 -11.9 70.5	350.2	0.867	0.0	1.0	45.8 69.3 -12.0 70.3	350	0.333	0.0	1.0	33.1 43.9 -34.2 55.8	322	0.324	0.0	1.0	32.9 43.2 -34.8 55.5	321	
353.3	330.0	328.6	1.0	0.0	1.0	48.2 72.8 -8.5 73.3	353.3	1.0	0.0	1.0	48.3 72.9 -8.5 73.4	353	0.432	0.0	1.0	35.7 50.5 -29.1 58.3	330	0.407	0.0	1.0	34.9 49.3 -30.0 57.7	328	
356.5	337.5	335.7	1.0	0.0	0.875	48.2 71.6 -4.3 71.7	356.5	1.0	0.0	0.883	48.3 71.7 -4.5 71.9	356	0.567	0.0	1.0	39.6 56.6 -23.9 61.5	337	0.529	0.0	1.0	38.6 55.0 -25.3 60.6	333	
360.3	345.0	342.8	1.0	0.0	0.75	48.1 70.4 0.3 70.4	360.3	1.0	0.0	0.75	48.2 70.5 0.4 70.5	360	0.713	0.0	1.0	42.5 64.0 -17.0 66.2	345	0.678	0.0	1.0	41.9 61.9 -19.0 64.8	343	
365.8	352.5	349.9	1.0	0.0	0.625	48.0 68.9 7.1 69.3	365.8	1.0	0.0	0.633	48.1 69.1 6.7 69.4	365	0.946	0.0	1.0	47.3 71.4 -9.9 72.1	352	0.842	0.0	1.0	45.2 68.6 -12.7 69.8	349	
371.6	360.0	357.0	1.0	0.0	0.5	47.7 67.7 14.0 69.1	371.6	1.0	0.0	0.5	47.8 67.7 14.0 69.2	371	1.0	0.0	0.761	48.2 70.6 0.0 70.6	360	0.949	0.0	1.0	47.3 71.5 -9.9 72.2	353	
378.2	367.5	364.1	1.0	0.0	0.375	47.7 66.1 21.8 69.6	378.2	1.0	0.0	0.383	47.8 66.3 21.3 69.7	377	1.0	0.0	0.601	48.0 68.8 8.4 69.3	367	1.0	0.0	0.			

grafico TUB-QI15; codice di tinte: $H^*_e=R50Y_e$
cerchio delle tinte a 48 passi; *rqb-LabCh** tavolo

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

uscita: Offset standard print; separation cmyn6*, D65, pagina 8/33

Data of Maximum color M in colorimetric system Offset standard print; separation cmyn6*, D65 for input or output; Six hue angles of the 60 degree standard colours $RYGCBM_c$: $h_{ab,ds} = 30.0, 90.0, 150.0, 210.0, 270.0, 330.0$;
Six hue angles of the device colours $RYGCBM_d$: $h_{ab,d} = 32.8, 97.2, 157.8, 236.2, 296.4, 353.3$; Six hue angles of the elementary colours $RYGCBM_e$: $h_{ab,e} = 25.5, 92.3, 162.2, 217.0, 271.7, 328.6$

$h_{ab,d}$	$h_{ab,s}$	$h_{ab,e}$	rgb^*_{dd64M}			$LAB^*_{ddx64M} (x=LabCh)$					$rgb^*_{dex361M}$					$LAB^*_{dex361M}$					rgb^*_{dd} rgb^*_{ds} rgb^*_{de}				
32.8	30.0	25.4	1.0	0.0	0.0	47.3	63.8	41.2	76.0	32.8	32.8	1.0	0.0	0.209	47.6	64.9	30.9	71.9	25						
40.4	37.5	33.8	1.0	0.125	0.0	51.2	54.9	46.7	72.1	40.4	40.4	1.0	0.007	0.0	47.6	63.4	41.6	75.8	33						
50.0	45.0	42.1	1.0	0.25	0.0	56.0	44.4	53.0	69.1	50.0	50.0	1.0	0.148	0.0	52.1	53.0	48.1	71.6	42						
61.1	52.5	50.5	1.0	0.375	0.0	61.4	33.2	60.3	68.8	61.1	61.1	1.0	0.25	0.0	56.0	44.5	53.0	69.2	49						
71.4	60.0	58.8	1.0	0.5	0.0	67.2	22.6	67.6	71.2	71.4	71.4	1.0	0.35	0.0	60.3	35.6	59.0	69.0	58						
81.7	67.5	67.2	1.0	0.625	0.0	73.6	11.0	76.1	76.9	81.7	81.7	1.0	0.442	0.0	64.5	27.8	64.5	70.2	66						
88.5	75.0	75.6	1.0	0.75	0.0	79.2	2.0	83.0	83.1	88.5	88.5	1.0	0.55	0.0	69.8	18.3	71.3	73.6	75						
93.6	82.5	83.9	1.0	0.875	0.0	84.2	-5.7	89.4	89.6	93.6	93.6	1.0	0.655	0.0	75.0	9.0	77.9	78.5	83						
97.1	90.0	92.3	1.0	1.0	0.0	88.3	-11.9	95.1	95.8	97.1	97.1	1.0	0.842	0.0	83.0	-3.4	87.8	87.9	92						
100.3	97.5	101.0	0.875	1.0	0.0	85.8	-16.2	88.6	90.0	100.3	100.3	0.871	1.0	0.0	85.8	-16.2	88.4	89.9	100						
103.3	105.0	109.7	0.75	1.0	0.0	82.9	-19.7	83.0	85.3	103.3	103.3	0.599	1.0	0.0	76.2	-26.6	74.3	78.9	109						
108.3	112.5	118.5	0.625	1.0	0.0	77.0	-25.2	76.3	80.4	108.3	108.3	0.455	1.0	0.0	71.4	-33.4	63.2	71.6	117						
115.3	120.0	127.2	0.5	1.0	0.0	72.7	-31.3	66.0	73.1	115.3	115.3	0.327	1.0	0.0	65.8	-41.3	54.4	68.4	127						
122.4	127.5	136.0	0.375	1.0	0.0	68.9	-36.9	58.1	68.8	122.4	122.4	0.244	1.0	0.0	60.7	-48.1	47.5	67.6	135						
134.9	135.0	144.7	0.25	1.0	0.0	60.8	-47.8	47.8	67.6	134.9	134.9	0.124	1.0	0.0	57.4	-54.9	38.9	67.4	144						
144.6	142.5	153.4	0.125	1.0	0.0	57.4	-54.9	38.9	67.3	144.6	144.6	0.047	1.0	0.0	54.0	-63.8	32.7	71.7	152						
157.7	150.0	162.2	0.0	1.0	0.0	51.9	-68.8	28.1	74.3	157.7	157.7	0.0	1.0	0.093	52.4	-67.0	21.5	70.5	162						
163.7	157.5	169.0	0.0	1.0	0.125	52.5	-66.4	19.3	69.1	163.7	163.7	0.0	1.0	0.209	53.1	-63.5	12.8	64.9	168						
170.9	165.0	175.9	0.0	1.0	0.25	53.2	-61.9	9.8	62.7	170.9	170.9	0.0	1.0	0.311	53.7	-59.7	4.3	59.9	175						
181.0	172.5	182.7	0.0	1.0	0.375	54.1	-56.9	-1.0	56.9	181.0	181.0	0.0	1.0	0.387	54.2	-56.4	-2.2	56.5	182						
193.5	180.0	189.6	0.0	1.0	0.5	54.8	-51.0	-12.3	52.5	193.5	193.5	0.0	1.0	0.46	54.6	-53.1	-8.9	54.0	189						
205.9	187.5	196.4	0.0	1.0	0.625	55.8	-45.1	-21.9	50.1	205.9	205.9	0.0	1.0	0.524	55.0	-50.0	-14.3	52.1	195						
218.4	195.0	203.2	0.0	1.0	0.75	56.7	-38.9	-30.9	49.7	218.4	218.4	0.0	1.0	0.598	55.6	-46.5	-19.9	50.7	203						
227.3	202.5	210.1	0.0	1.0	0.875	57.5	-34.3	-37.2	50.6	227.3	227.3	0.0	1.0	0.662	56.1	-43.4	-24.7	50.1	209						
236.1	210.0	216.9	0.0	1.0	1.0	58.3	-29.2	-43.7	52.6	236.1	236.1	0.0	1.0	0.736	56.7	-39.7	-29.9	49.8	216						
240.3	217.5	223.8	0.0	0.875	1.0	55.2	-25.0	-43.9	50.5	240.3	240.3	0.0	1.0	0.819	57.2	-36.4	-34.4	50.3	223						
245.8	225.0	230.6	0.0	0.75	1.0	51.7	-19.7	-44.1	48.3	245.8	245.8	0.0	1.0	0.922	57.9	-32.5	-39.7	51.4	230						
252.5	232.5	237.5	0.0	0.625	1.0	47.7	-13.9	-44.4	46.5	252.5	252.5	0.0	0.974	1.0	57.7	-28.3	-43.7	52.2	237						
262.3	240.0	244.3	0.0	0.5	1.0	42.7	-6.0	-45.0	45.4	262.3	262.3	0.0	0.785	1.0	52.7	-21.1	-44.1	49.0	244						
271.7	247.5	251.2	0.0	0.375	1.0	37.9	1.3	-45.4	45.4	271.7	271.7	0.0	0.659	1.0	48.9	-15.4	-44.3	47.1	250						
281.6	255.0	258.0	0.0	0.25	1.0	33.3	9.4	-46.0	47.0	281.6	281.6	0.0	0.555	1.0	45.0	-9.4	-44.8	45.9	258						
290.3	262.5	264.8	0.0	0.125	1.0	28.6	17.4	-46.9	50.1	290.3	290.3	0.0	0.472	1.0	41.7	-4.3	-45.1	45.4	264						
296.4	270.0	271.7	0.0	0.0	1.0	25.3	23.5	-47.3	52.8	296.4	296.4	0.0	0.375	1.0	37.9	1.4	-45.3	45.5	271						
306.7	277.5	278.8	0.125	0.0	1.0	29.3	31.8	-42.6	53.1	306.7	306.7	0.0	0.291	1.0	34.9	6.8	-45.9	46.5	278						
312.7	285.0	285.9	0.25	0.0	1.0	31.5	36.2	-39.2	53.4	312.7	312.7	0.0	0.188	1.0	31.0	13.3	-46.6	48.5	285						
326.7	292.5	293.0	0.375	0.0	1.0	33.8	47.6	-31.2	56.9	326.7	326.7	0.0	0.079	1.0	27.4	19.6	-47.1	51.1	292						
333.9	300.0	300.1	0.5	0.0	1.0	37.8	53.8	-26.3	59.9	333.9	333.9	0.046	0.0	1.0	26.8	26.6	-45.7	53.0	300						
339.6	307.5	307.2	0.625	0.0	1.0	40.9	58.8	-21.8	62.7	339.6	339.6	0.126	0.0	1.0	29.4	31.9	-42.5	53.2	306						
347.2	315.0	314.3	0.75	0.0	1.0	43.1	65.9	-14.9	67.6	347.2	347.2	0.265	0.0	1.0	31.8	37.7	-38.4	53.8	314						
350.2	322.5	321.4	0.875	0.0	1.0	45.9	69.4	-11.9	70.5	350.2	350.2	0.324	0.0	1.0	32.9	43.2	-34.8	55.5	321						
353.3	330.0	328.6	1.0	0.0	1.0	48.2	72.8	-8.5	73.3	353.3	353.3	0.407	0.0	1.0	34.9	49.3	-30.0	57.7	328						
356.5	337.5	335.7	1.0	0.0	0.875	48.2	71.6	-4.3	71.7	356.5	356.5	0.529	0.0	1.0	38.6	55.0	-25.3	60.6	335						
360.3	345.0	342.8	1.0	0.0	0.75	48.1	70.4	0.3	70.4	360.3	360.3	0.678	0.0	1.0	41.9	61.9	-19.0	64.8	342						
365.8	352.5	349.9	1.0	0.0	0.625	48.0	68.9	7.1	69.3	365.8	365.8	0.842	0.0	1.0	45.2	68.6	-12.7	69.8	349						
371.6	360.0	357.0	1.0	0.0	0.5	47.7	67.7	14.0	69.1	371.6	371.6	0.949	0.0	1.0	47.3	71.5	-9.9	72.2	352						
378.2	367.5	364.1	1.0	0.0	0.375	47.7	66.1	21.8	69.6	378.2	378.2	1.0	0.0	0.765	48.2	70.6	-0.1	70.6	359						
383.9	375.0	371.2	1.0	0.0	0.25	47.7	65.0	28.9	71.2	383.9	383.9	1.0	0.0	0.563	47.9	68.4	10.6	69.2	368						
388.6	382.5	378.3	1.0	0.0	0.125	47.4	64.4	35.1	73.4	388.6	388.6	1.0	0.0	0.408	47.8	66.7	19.8	69.6	376						
392.8	390.0	385.4	1.0	0.0	0.0	47.3	63.8	41.2	76.0	392.8	392.8	1.0	0.0	0.209	47.6	64.9	30.9	71.9	385						

4-013830-L0

QI150-71

LAB*la0, YN=0%, XYZnw=2.4, 2.5, 2.6, 85.1, 88.8, 104.3, LAB*nw=17.7, 0.0, 0.0, 95.5, 0.0, 0.0

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

grafico TUB-QI15; codice di tinte: $H^*_e=R50Y_e$
cerchio delle tinte a 48 passi; $rgb-LabCh^*tavole$

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

TUB iscrizione: 20130201-QI15/QI15L0NA.TXT /.PS
la domanda per la misura uscita nella stampa di offset, separazione cmyn6 (CMYK)
TUB materiale: code=rha4ta

Data of Maximum color M in colorimetric system Offset standard print; separation cmyn6*, D65 for input or output; Six hue angles of the 60 degree standard colours $RYGCBM_c$: $h_{ab,ds} = 30.0, 90.0, 150.0, 210.0, 270.0, 330.0$;
Six hue angles of the device colours $RYGCBM_d$: $h_{ab,d} = 32.8, 97.2, 157.8, 236.2, 296.4, 353.3$; Six hue angles of the elementary colours $RYGCBM_e$: $h_{ab,e} = 25.5, 92.3, 162.2, 217.0, 271.7, 328.6$

$h_{ab,d}$	$h_{ab,s}$	$h_{ab,e}$	rgb^*_{dd361M}	$LAB^*_{dd361M}(x=LabCh)$	R_d	$rgb^*_{ds361Mi}$	$LAB^*_{ds361Mi}(x=LabCh)$	R_s	$rgb^*_{dd361Mi}$	$LAB^*_{de361Mi}(x=LabCh)$	R_e	$rgb^*_{dd361Mi}$	rgb^*_{dd}	rgb^*_{ds}	rgb^*_{de}
32	30	25	1.0 0.0 0.0	47.3 63.8 41.2 76.0 32		1.0 0.0 0.084 47.4 64.3 37.1 74.3 30		1.0 0.0 0.0	1.0 0.0 0.209 47.6 64.9 30.9 71.9 25		1.0 0.0 0.0				
33	31	26	1.0 0.016 0.0	47.8 62.7 42.0 75.4 33		1.0 0.0 0.054 47.4 64.2 38.6 74.9 31		1.0 0.017 0.0	1.0 0.0 0.18 47.6 64.8 32.4 72.5 26		1.0 0.017 0.0				
34	32	27	1.0 0.033 0.0	48.3 61.5 42.8 74.9 34		1.0 0.0 0.025 47.4 64.0 40.0 75.5 32		1.0 0.033 0.0	1.0 0.0 0.15 47.5 64.6 33.9 73.0 27		1.0 0.033 0.0				
35	33	28	1.0 0.05 0.0	48.9 60.3 43.6 74.4 35		1.0 0.003 0.0 47.5 63.7 41.3 75.9 33		1.0 0.05 0.0	1.0 0.0 0.119 47.5 64.4 35.5 73.6 28		1.0 0.05 0.0				
36	34	29	1.0 0.066 0.0	49.4 59.1 44.3 73.9 36		1.0 0.019 0.0 48.0 62.5 42.2 75.4 34		1.0 0.067 0.0	1.0 0.0 0.086 47.4 64.3 37.0 74.2 29		1.0 0.067 0.0				
37	35	31	1.0 0.083 0.0	49.9 57.9 45.1 73.4 37		1.0 0.036 0.0 48.5 61.4 43.0 74.9 35		1.0 0.083 0.0	1.0 0.0 0.053 47.4 64.2 38.6 74.9 31		1.0 0.083 0.0				
38	36	32	1.0 0.1 0.0	50.4 56.7 45.7 72.9 38		1.0 0.052 0.0 49.0 60.2 43.7 74.4 36		1.0 0.1 0.0	1.0 0.0 0.02 47.4 64.0 40.2 75.6 32		1.0 0.1 0.0				
39	37	33	1.0 0.116 0.0	50.9 55.5 46.4 72.3 39		1.0 0.069 0.0 49.5 59.0 44.5 73.9 37		1.0 0.117 0.0	1.0 0.007 0.0 47.6 63.4 41.6 75.8 33		1.0 0.117 0.0				
41	38	34	1.0 0.133 0.0	51.5 54.2 47.2 71.9 41		1.0 0.085 0.0 50.0 57.8 45.2 73.4 38		1.0 0.133 0.0	1.0 0.026 0.0 48.2 62.1 42.5 75.2 34		1.0 0.133 0.0				
42	39	35	1.0 0.15 0.0	52.1 52.8 48.1 71.5 42		1.0 0.101 0.0 50.5 56.6 45.9 72.9 39		1.0 0.15 0.0	1.0 0.044 0.0 48.7 60.8 43.4 74.6 35		1.0 0.15 0.0				
43	40	36	1.0 0.166 0.0	52.8 51.4 49.0 71.1 43		1.0 0.118 0.0 51.0 55.4 46.5 72.4 40		1.0 0.167 0.0	1.0 0.062 0.0 49.3 59.5 44.2 74.1 36		1.0 0.167 0.0				
44	41	37	1.0 0.183 0.0	53.4 50.1 49.9 70.7 44		1.0 0.132 0.0 51.5 54.3 47.2 72.0 41		1.0 0.183 0.0	1.0 0.081 0.0 49.8 58.1 45.0 73.5 37		1.0 0.183 0.0				
46	42	38	1.0 0.2 0.0	54.1 48.7 50.7 70.3 46		1.0 0.145 0.0 52.0 53.2 47.9 71.7 42		1.0 0.2 0.0	1.0 0.099 0.0 50.4 56.8 45.8 72.9 38		1.0 0.2 0.0				
47	43	39	1.0 0.216 0.0	54.7 47.3 51.5 69.9 47		1.0 0.158 0.0 52.5 52.2 48.7 71.3 43		1.0 0.217 0.0	1.0 0.117 0.0 51.0 55.5 46.5 72.4 39		1.0 0.217 0.0				
48	44	41	1.0 0.233 0.0	55.3 45.8 52.2 69.5 48		1.0 0.172 0.0 53.0 51.1 49.3 71.0 44		1.0 0.233 0.0	1.0 0.133 0.0 51.5 54.2 47.3 71.9 41		1.0 0.233 0.0				
50	45	42	1.0 0.25 0.0	56.0 44.4 53.0 69.1 50		1.0 0.185 0.0 53.5 50.0 50.0 70.7 45		1.0 0.25 0.0	1.0 0.148 0.0 52.1 53.0 48.1 71.6 42		1.0 0.25 0.0				
51	46	43	1.0 0.266 0.0	56.7 43.0 54.1 69.1 51		1.0 0.198 0.0 54.0 48.9 50.7 70.4 46		1.0 0.267 0.0	1.0 0.162 0.0 52.7 51.9 48.9 71.2 43		1.0 0.267 0.0				
52	47	44	1.0 0.283 0.0	57.4 41.5 55.1 69.1 52		1.0 0.211 0.0 54.5 47.8 51.3 70.1 47		1.0 0.283 0.0	1.0 0.177 0.0 53.2 50.6 49.6 70.9 44		1.0 0.283 0.0				
54	48	45	1.0 0.3 0.0	58.2 40.1 56.2 69.0 54		1.0 0.224 0.0 55.0 46.7 51.9 69.8 48		1.0 0.3 0.0	1.0 0.191 0.0 53.8 49.4 50.4 70.6 45		1.0 0.3 0.0				
55	49	46	1.0 0.316 0.0	58.9 38.6 57.1 69.0 55		1.0 0.237 0.0 55.5 45.6 52.4 69.5 49		1.0 0.317 0.0	1.0 0.206 0.0 54.3 48.2 51.1 70.2 46		1.0 0.317 0.0				
57	50	47	1.0 0.333 0.0	59.6 37.1 58.1 69.0 57		1.0 0.25 0.0 56.0 44.5 53.0 69.2 50		1.0 0.333 0.0	1.0 0.22 0.0 54.9 47.0 51.7 69.9 47		1.0 0.333 0.0				
58	51	48	1.0 0.35 0.0	60.3 35.5 59.0 68.9 58		1.0 0.261 0.0 56.5 43.5 53.7 69.2 51		1.0 0.35 0.0	1.0 0.235 0.0 55.5 45.7 52.4 69.5 48		1.0 0.35 0.0				
60	52	49	1.0 0.366 0.0	61.0 34.0 59.9 68.9 60		1.0 0.272 0.0 57.0 42.6 54.5 69.1 52		1.0 0.367 0.0	1.0 0.25 0.0 56.0 44.5 53.0 69.2 49		1.0 0.367 0.0				
61	53	51	1.0 0.383 0.0	61.8 32.5 60.8 69.0 61		1.0 0.283 0.0 57.5 41.6 55.2 69.1 53		1.0 0.383 0.0	1.0 0.262 0.0 56.6 43.4 53.8 69.1 51		1.0 0.383 0.0				
63	54	52	1.0 0.4 0.0	62.5 31.2 61.9 69.3 63		1.0 0.295 0.0 58.0 40.6 55.9 69.1 54		1.0 0.4 0.0	1.0 0.275 0.0 57.1 42.4 54.6 69.1 52		1.0 0.4 0.0				
64	55	53	1.0 0.416 0.0	63.3 29.8 62.9 69.6 64		1.0 0.306 0.0 58.5 39.6 56.6 69.1 55		1.0 0.417 0.0	1.0 0.287 0.0 57.6 41.3 55.4 69.1 53		1.0 0.417 0.0				
65	56	54	1.0 0.433 0.0	64.1 28.4 63.9 70.0 65		1.0 0.317 0.0 58.9 38.6 57.2 69.0 56		1.0 0.433 0.0	1.0 0.3 0.0 58.2 40.2 56.2 69.1 54		1.0 0.433 0.0				
67	57	55	1.0 0.45 0.0	64.9 27.0 64.9 70.3 67		1.0 0.328 0.0 59.4 37.6 57.9 69.0 57		1.0 0.45 0.0	1.0 0.312 0.0 58.7 39.0 56.9 69.0 55		1.0 0.45 0.0				
68	58	56	1.0 0.466 0.0	65.6 25.6 65.8 70.6 68		1.0 0.34 0.0 59.9 36.6 58.5 69.0 58		1.0 0.467 0.0	1.0 0.325 0.0 59.3 37.9 57.7 69.0 56		1.0 0.467 0.0				
70	59	57	1.0 0.483 0.0	66.4 24.1 66.7 70.9 70		1.0 0.351 0.0 60.4 35.5 59.1 69.0 59		1.0 0.483 0.0	1.0 0.337 0.0 59.8 36.8 58.4 69.0 57		1.0 0.483 0.0				
71	60	58	1.0 0.5 0.0	67.2 22.6 67.6 71.2 71		1.0 0.362 0.0 60.9 34.5 59.7 68.9 60		1.0 0.5 0.0	1.0 0.35 0.0 60.3 35.6 59.0 69.0 58		1.0 0.5 0.0				
72	61	60	1.0 0.516 0.0	68.0 21.2 68.8 72.0 72		1.0 0.373 0.0 61.4 33.4 60.3 68.9 61		1.0 0.517 0.0	1.0 0.362 0.0 60.9 34.5 59.7 68.9 60		1.0 0.517 0.0				
74	62	61	1.0 0.533 0.0	68.9 19.7 70.0 72.8 74		1.0 0.385 0.0 61.9 32.4 61.0 69.1 62		1.0 0.533 0.0	1.0 0.375 0.0 61.4 33.3 60.3 68.9 61		1.0 0.533 0.0				
75	63	62	1.0 0.55 0.0	69.7 18.2 71.2 73.5 75		1.0 0.397 0.0 62.5 31.5 61.8 69.3 63		1.0 0.55 0.0	1.0 0.388 0.0 62.0 32.2 61.2 69.1 62		1.0 0.55 0.0				
76	64	63	1.0 0.566 0.0	70.6 16.7 72.4 74.3 76		1.0 0.409 0.0 63.0 30.5 62.5 69.6 64		1.0 0.567 0.0	1.0 0.402 0.0 62.7 31.1 62.0 69.4 63		1.0 0.567 0.0				
78	65	64	1.0 0.583 0.0	71.5 15.1 73.5 75.0 78		1.0 0.421 0.0 63.6 29.5 63.2 69.8 65		1.0 0.583 0.0	1.0 0.415 0.0 63.3 30.0 62.9 69.7 64		1.0 0.583 0.0				
79	66	65	1.0 0.6 0.0	72.3 13.5 74.6 75.8 79		1.0 0.434 0.0 64.2 28.5 64.0 70.0 66		1.0 0.6 0.0	1.0 0.428 0.0 63.9 28.9 63.7 69.9 65		1.0 0.6 0.0				
81	67	66	1.0 0.616 0.0	73.2 11.8 75.6 76.6 81		1.0 0.446 0.0 64.7 27.4 64.7 70.3 67		1.0 0.617 0.0	1.0 0.442 0.0 64.5 27.8 64.5 70.2 66		1.0 0.617 0.0				
82	68	67	1.0 0.633 0.0	74.0 10.4 76.6 77.3 82		1.0 0.458 0.0 65.3 26.4 65.4 70.5 68		1.0 0.633 0.0	1.0 0.455 0.0 65.2 26.6 65.2 70.4 67		1.0 0.633 0.0				
83	69	68	1.0 0.65 0.0	74.7 9.3 77.6 78.2 83		1.0 0.47 0.0 65.8 25.3 66.0 70.7 69		1.0 0.65 0.0	1.0 0.469 0.0 65.8 25.4 66.0 70.7 68		1.0 0.65 0.0				
84	70	70	1.0 0.666 0.0	75.5 8.2 78.6 79.0 84		1.0 0.482 0.0 66.4 24.3 66.7 70.9 70		1.0 0.667 0.0	1.0 0.482 0.0 66.4 24.2 66.7 71.0 70		1.0 0.667 0.0				
84	71	71	1.0 0.683 0.0	76.2 7.0 79.5 79.8 84		1.0 0.494 0.0 66.9 23.2 67.3 71.2 71		1.0 0.683 0.0	1.0 0.496 0.0 67.0 23.0 67.4 71.2 71		1.0 0.683 0.0				
85	72	72	1.0 0.7 0.0	77.0 5.8 80.4 80.6 85		1.0 0.506 0.0 67.5 22.1 68.1 71.6 72		1.0 0.7 0.0	1.0 0.509 0.0 67.7 21.9 68.3 71.7 72		1.0 0.7 0.0				
86	73	73	1.0 0.716 0.0	77.7 4.5 81.3 81.4 86		1.0 0.518 0.0 68.2 21.1 69.0 72.1 73		1.0 0.717 0.0	1.0 0.523 0.0 68.4 20.7 69.3 72.3 73		1.0 0.717 0.0				
87	74	74	1.0 0.733 0.0	78.5 3.3 82.2 82.3 87		1.0 0.531 0.0 68.8 20.0 69.9 72.7 74		1.0 0.733 0.0	1.0 0.537 0.0 69.1 19.5 70.3 73.0 74		1.0 0.733 0.0				
88	75	75	1.0 0.75 0.0	79.2 2.0 83.0 83.1 88		1.0 0.543 0.0 69.4 19.0 70.7 73.2 75		1.0 0.75 0.0	1.0 0.55 0.0 69.8 18.3 71.3 73.6 75		1.0 0.75 0.0				

4-013930-L0

QI150-71

LAB*la0, YN=0%, XYZnw=2.4, 2.5, 2.6, 85.1, 88.8, 104.3, LAB*nw=17.7, 0.0, 0.0, 95.5, 0.0, 0.0

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

grafico TUB-QI15; codice di tinte: $H^*_e=R50Y_e$
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/QI15/QI15L0NA.TXT> / .PS
informazioni tecniche: <http://www.ps.bam.de> o <http://130.149.60.45/~farbmetrik>

TUB iscrizione: 20130201-QI15/QI15L0NA.TXT /.PS
la domanda per la misura uscita nella stampa di offset, separazione cmyn6 (CMYK)
TUB materiale: code=rha4ta

Data of Maximum color M in colorimetric system Offset standard print; separation cmyn6*, D65 for input or output; Six hue angles of the 60 degree standard colours $RYGCBM_c$: $h_{ab,ds} = 30.0, 90.0, 150.0, 210.0, 270.0, 330.0$;
Six hue angles of the device colours $RYGCBM_d$: $h_{ab,d} = 32.8, 97.2, 157.8, 236.2, 296.4, 353.3$; Six hue angles of the elementary colours $RYGCBM_c$: $h_{ab,e} = 25.5, 92.3, 162.2, 217.0, 271.7, 328.6$

Six hue angles of the device colours $RYGCBM_d$: $h_{ab,d} = 32.8, 97.2, 157.8, 236.2, 296.4, 353.3$; Six hue angles of the elementary colours $RYGCBM_e$: $h_{ab,e} = 25.5, 92.3, 162.2, 217.0, 271.7, 328.6$																																
$h_{ab,d}$	$h_{ab,s}$	$h_{ab,e}$	rgb^*_{dd361M}	LAB^*_{d361Mi}	$LAB^*_{ds361Mi}$ (x=LabCh)	$rgb^*_{ds361Mi}$	$LAB^*_{ds361Mi}$ (x=LabCh)	$rgb^*_{dd361Mi}$	$rgb^*_{de361Mi}$	$LAB^*_{dex361Mi}$ (x=LabCh)	$rgb^*_{dd361Mi}$	rgb^*_{dd}	rgb^*_{ds}	rgb^*_{de}																		
88	75	75	1.0	0.75	0.0	79.2	2.0	83.0	83.1	88	1.0	0.543	0.0	69.4	19.0	70.7	73.2	75	1.0	0.55	0.0	69.8	18.3	71.3	73.6	75	1.0	0.75	0.0			
89	76	76	1.0	0.766	0.0	79.9	1.0	83.9	83.9	89	1.0	0.555	0.0	70.0	17.9	71.6	73.8	76	1.0	0.767	0.0	1.0	0.564	0.0	70.5	17.0	72.2	74.2	76	1.0	0.767	0.0
89	77	77	1.0	0.783	0.0	80.6	0.0	84.8	84.8	89	1.0	0.567	0.0	70.7	16.7	72.4	74.3	77	1.0	0.783	0.0	1.0	0.577	0.0	71.2	15.8	73.1	74.8	77	1.0	0.783	0.0
90	78	78	1.0	0.8	0.0	81.2	-0.9	85.7	85.7	90	1.0	0.579	0.0	71.3	15.6	73.3	74.9	78	1.0	0.8	0.0	1.0	0.591	0.0	71.9	14.5	74.0	75.4	78	1.0	0.8	0.0
91	79	80	1.0	0.816	0.0	81.9	-1.9	86.5	86.5	91	1.0	0.591	0.0	71.9	14.4	74.1	75.5	79	1.0	0.817	0.0	1.0	0.604	0.0	72.6	13.1	74.9	76.0	80	1.0	0.817	0.0
91	80	81	1.0	0.833	0.0	82.6	-3.0	87.4	87.4	91	1.0	0.604	0.0	72.5	13.2	74.9	76.0	80	1.0	0.833	0.0	1.0	0.618	0.0	73.3	11.8	75.8	76.7	81	1.0	0.833	0.0
92	81	82	1.0	0.85	0.0	83.2	-4.0	88.2	88.3	92	1.0	0.616	0.0	73.2	12.0	75.6	76.6	81	1.0	0.85	0.0	1.0	0.635	0.0	74.1	10.4	76.8	77.5	82	1.0	0.85	0.0
93	82	83	1.0	0.866	0.0	83.9	-5.1	89.0	89.2	93	1.0	0.629	0.0	73.8	10.7	76.5	77.2	82	1.0	0.867	0.0	1.0	0.655	0.0	75.0	9.0	77.9	78.5	83	1.0	0.867	0.0
93	83	84	1.0	0.883	0.0	84.5	-6.1	89.8	90.0	93	1.0	0.648	0.0	74.7	9.5	77.5	78.1	83	1.0	0.883	0.0	1.0	0.675	0.0	75.9	7.6	79.1	79.5	84	1.0	0.883	0.0
94	84	85	1.0	0.9	0.0	85.1	-6.9	90.6	90.8	94	1.0	0.666	0.0	75.5	8.3	78.6	79.0	84	1.0	0.9	0.0	1.0	0.696	0.0	76.8	6.1	80.2	80.5	85	1.0	0.9	0.0
94	85	86	1.0	0.916	0.0	85.6	-7.7	91.3	91.7	94	1.0	0.684	0.0	76.3	7.0	79.6	79.9	85	1.0	0.917	0.0	1.0	0.716	0.0	77.8	4.6	81.3	81.5	86	1.0	0.917	0.0
95	86	87	1.0	0.933	0.0	86.1	-8.5	92.1	92.5	95	1.0	0.703	0.0	77.1	5.6	80.6	80.8	86	1.0	0.933	0.0	1.0	0.736	0.0	78.7	3.1	82.4	82.5	87	1.0	0.933	0.0
95	87	88	1.0	0.95	0.0	86.7	-9.3	92.9	93.3	95	1.0	0.721	0.0	78.0	4.3	81.6	81.7	87	1.0	0.95	0.0	1.0	0.759	0.0	79.7	1.5	83.6	83.6	88	1.0	0.95	0.0
96	88	90	1.0	0.966	0.0	87.2	-10.2	93.6	94.2	96	1.0	0.739	0.0	78.8	2.9	82.5	82.6	88	1.0	0.967	0.0	1.0	0.787	0.0	80.8	0.0	85.0	85.0	90	1.0	0.967	0.0
96	89	91	1.0	0.983	0.0	87.8	-11.1	94.3	95.0	96	1.0	0.76	0.0	79.7	1.5	83.6	83.6	89	1.0	0.983	0.0	1.0	0.814	0.0	81.9	-1.7	86.5	86.5	91	1.0	0.983	0.0
97	90	92	1.0	1.0	0.0	88.3	-11.9	95.1	95.8	97	1.0	0.785	0.0	80.7	0.0	84.9	84.9	90	1.0	1.0	0.0	1.0	0.842	0.0	83.0	-3.4	87.8	87.9	92	1.0	1.0	0.0
97	91	93	0.983	1.0	0.0	88.0	-12.5	94.2	95.1	97	1.0	0.809	0.0	81.7	-1.4	86.2	86.2	91	0.983	1.0	0.0	1.0	0.871	0.0	84.1	-5.3	89.2	89.4	93	0.983	1.0	0.0
98	92	94	0.966	1.0	0.0	87.7	-13.1	93.4	94.3	98	1.0	0.834	0.0	82.7	-3.0	87.5	87.5	92	0.967	1.0	0.0	1.0	0.91	0.0	85.4	-7.3	91.1	91.4	94	0.967	1.0	0.0
98	93	95	0.95	1.0	0.0	87.3	-13.7	92.5	93.5	98	1.0	0.859	0.0	83.6	-4.5	88.7	88.8	93	0.95	1.0	0.0	1.0	0.951	0.0	86.8	-9.4	93.0	93.4	95	0.95	1.0	0.0
98	94	96	0.933	1.0	0.0	87.0	-14.3	91.6	92.7	98	1.0	0.887	0.0	84.7	-6.2	90.0	90.3	94	0.933	1.0	0.0	1.0	0.993	0.0	88.1	-11.5	94.8	95.5	96	0.933	1.0	0.0
99	95	98	0.916	1.0	0.0	86.6	-14.8	90.8	92.0	99	1.0	0.923	0.0	85.8	-7.9	91.7	92.0	95	0.917	1.0	0.0	0.963	1.0	0.0	87.6	-13.2	93.2	94.1	98	0.917	1.0	0.0
99	96	99	0.9	1.0	0.0	86.3	-15.4	89.9	91.2	99	1.0	0.958	0.0	87.0	-9.7	93.3	93.8	96	0.9	1.0	0.0	0.917	1.0	0.0	86.7	-14.8	90.8	92.0	99	0.9	1.0	0.0
100	97	100	0.883	1.0	0.0	86.0	-15.9	89.0	90.4	100	1.0	0.994	0.0	88.2	-11.5	94.8	95.6	97	0.883	1.0	0.0	0.871	1.0	0.0	85.8	-16.2	88.4	89.9	100	0.883	1.0	0.0
100	98	101	0.866	1.0	0.0	85.6	-16.4	88.2	89.7	100	0.968	1.0	0.0	87.7	-13.0	93.5	94.4	98	0.867	1.0	0.0	0.823	1.0	0.0	84.7	-17.7	86.3	88.1	101	0.867	1.0	0.0
100	99	102	0.85	1.0	0.0	85.2	-16.9	87.4	89.1	100	0.929	1.0	0.0	86.9	-14.4	91.4	92.6	99	0.85	1.0	0.0	0.774	1.0	0.0	83.5	-19.0	84.1	86.2	102	0.85	1.0	0.0
101	100	103	0.833	1.0	0.0	84.8	-17.4	86.7	88.4	101	0.89	1.0	0.0	86.2	-15.7	89.4	90.8	100	0.833	1.0	0.0	0.735	1.0	0.0	82.3	-20.3	82.2	84.7	103	0.833	1.0	0.0
101	101	105	0.816	1.0	0.0	84.5	-17.9	86.0	87.8	101	0.849	1.0	0.0	85.3	-16.9	87.5	89.1	101	0.817	1.0	0.0	0.706	1.0	0.0	80.9	-21.7	80.7	83.6	105	0.817	1.0	0.0
102	102	106	0.8	1.0	0.0	84.1	-18.3	85.2	87.2	102	0.807	1.0	0.0	84.3	-18.1	85.6	87.5	102	0.8	1.0	0.0	0.676	1.0	0.0	79.5	-23.0	79.1	82.4	106	0.8	1.0	0.0
102	103	107	0.783	1.0	0.0	83.7	-18.8	84.5	86.5	102	0.765	1.0	0.0	83.3	-19.2	83.7	85.9	103	0.783	1.0	0.0	0.647	1.0	0.0	78.1	-24.3	77.5	81.3	107	0.783	1.0	0.0
102	104	108	0.766	1.0	0.0	83.3	-19.2	83.7	85.9	102	0.734	1.0	0.0	82.2	-20.4	82.2	84.7	104	0.767	1.0	0.0	0.62	1.0	0.0	76.9	-25.5	75.9	80.1	108	0.767	1.0	0.0
103	105	109	0.75	1.0	0.0	82.9	-19.7	83.0	85.3	103	0.709	1.0	0.0	81.0	-21.6	80.9	83.7	105	0.75	1.0	0.0	0.599	1.0	0.0	76.2	-26.6	74.3	78.9	109	0.75	1.0	0.0
104	106	110	0.733	1.0	0.0	82.2	-20.5	82.1	84.6	104	0.684	1.0	0.0	79.9	-22.7	79.5	82.7	106	0.733	1.0	0.0	0.578	1.0	0.0	75.5	-27.7	72.6	77.7	110	0.733	1.0	0.0
104	107	112	0.716	1.0	0.0	81.4	-21.3	81.2	84.0	104	0.658	1.0	0.0	78.7	-23.8	78.2	81.7	107	0.717	1.0	0.0	0.558	1.0	0.0	74.8	-28.7	70.9	76.5	112	0.717	1.0	0.0
105	108	113	0.7	1.0	0.0	80.6	-22.0	80.3	83.3	105	0.633	1.0	0.0	77.5	-24.9	76.8	80.8	108	0.7	1.0	0.0	0.537	1.0	0.0	74.1	-29.7	69.2	75.3	113	0.7	1.0	0.0
106	109	114	0.683	1.0	0.0	79.8	-22.8	79.5	82.7	106	0.613	1.0	0.0	76.7	-25.9	75.4	79.7	109	0.683													

Data of Maximum color M in colorimetric system Offset standard print; separation cmyn6*, D65 for input or output; Six hue angles of the 60 degree standard colours $RYGCBM_c$: $h_{ab,ds} = 30.0, 90.0, 150.0, 210.0, 270.0, 330.0$;
Six hue angles of the device colours $RYGCBM_d$: $h_{ab,d} = 32.8, 97.2, 157.8, 236.2, 296.4, 353.3$; Six hue angles of the elementary colours $RYGCBM_c$: $h_{ab,e} = 25.5, 92.3, 162.2, 217.0, 271.7, 328.6$

$h_{ab,d}$	$h_{ab,s}$	$h_{ab,e}$	rgb^*_{dd361M}	$LAB^*_{dd361Mi} (x=LabCh)$	$rgb^*_{ds361Mi}$	$LAB^*_{dsx361Mi} (x=LabCh)$	$rgb^*_{dd361Mi}$	$LAB^*_{de361Mi}$	$rgb^*_{dex361Mi} (x=LabCh)$	$rgb^*_{dd361Mi}$	$rgb^*_{dd}rgb^*_{ds}rgb^*_{de}$
115	120	127	0.5	1.0	0.0	72.7	-31.3	66.0	73.1	115	
116	121	128	0.483	1.0	0.0	72.2	-32.1	65.0	72.5	116	
117	122	129	0.466	1.0	0.0	71.7	-32.9	63.9	71.9	117	
118	123	130	0.45	1.0	0.0	71.2	-33.7	62.9	71.4	118	
119	124	131	0.433	1.0	0.0	70.7	-34.5	61.8	70.8	119	
120	125	133	0.416	1.0	0.0	70.2	-35.2	60.8	70.2	120	
121	126	134	0.4	1.0	0.0	69.6	-35.9	59.7	69.6	121	
121	127	135	0.383	1.0	0.0	69.1	-36.5	58.6	69.1	121	
123	128	136	0.366	1.0	0.0	68.3	-37.7	57.4	68.7	123	
124	129	137	0.35	1.0	0.0	67.3	-39.2	56.2	68.6	124	
126	130	138	0.333	1.0	0.0	66.2	-40.8	54.9	68.4	126	
128	131	140	0.316	1.0	0.0	65.1	-42.3	53.6	68.2	128	
129	132	141	0.3	1.0	0.0	64.0	-43.7	52.2	68.1	129	
131	133	142	0.283	1.0	0.0	63.0	-45.1	50.8	67.9	131	
133	134	143	0.266	1.0	0.0	61.9	-46.5	49.3	67.8	133	
134	135	144	0.25	1.0	0.0	60.8	-47.8	47.8	67.6	134	
136	136	145	0.233	1.0	0.0	60.4	-48.8	46.7	67.6	136	
137	137	147	0.216	1.0	0.0	59.9	-49.8	45.6	67.5	137	
138	138	148	0.2	1.0	0.0	59.4	-50.8	44.4	67.5	138	
140	139	149	0.183	1.0	0.0	59.0	-51.8	43.2	67.4	140	
141	140	150	0.166	1.0	0.0	58.5	-52.7	42.0	67.4	141	
142	141	151	0.15	1.0	0.0	58.1	-53.6	40.8	67.4	142	
144	142	152	0.133	1.0	0.0	57.6	-54.5	39.5	67.3	144	
145	143	154	0.116	1.0	0.0	57.0	-55.9	38.3	67.8	145	
147	144	155	0.1	1.0	0.0	56.3	-57.8	37.1	68.7	147	
149	145	156	0.083	1.0	0.0	55.5	-59.7	35.8	69.6	149	
150	146	157	0.066	1.0	0.0	54.8	-61.6	34.4	70.6	150	
152	147	158	0.049	1.0	0.0	54.1	-63.4	32.9	71.5	152	
154	148	159	0.033	1.0	0.0	53.4	-65.3	31.4	72.4	154	
156	149	161	0.016	1.0	0.0	52.6	-67.1	29.8	73.4	156	
157	150	162	0.0	1.0	0.0	51.9	-68.8	28.1	74.3	157	
158	151	163	0.0	1.0	0.016	52.0	-68.5	26.9	73.6	158	
159	152	164	0.0	1.0	0.033	52.1	-68.3	25.7	72.9	159	
160	153	164	0.0	1.0	0.05	52.2	-68.0	24.5	72.2	160	
160	154	165	0.0	1.0	0.066	52.2	-67.6	23.3	71.6	160	
161	155	166	0.0	1.0	0.083	52.3	-67.3	22.1	70.9	161	
162	156	167	0.0	1.0	0.1	52.4	-66.9	21.0	70.2	162	
163	157	168	0.0	1.0	0.116	52.5	-66.6	19.9	69.5	163	
164	158	169	0.0	1.0	0.133	52.6	-66.1	18.6	68.7	164	
165	159	170	0.0	1.0	0.15	52.7	-65.6	17.3	67.9	165	
166	160	171	0.0	1.0	0.166	52.8	-65.0	16.0	67.0	166	
167	161	172	0.0	1.0	0.183	52.9	-64.5	14.7	66.1	167	
168	162	173	0.0	1.0	0.2	53.0	-63.9	13.4	65.3	168	
169	163	174	0.0	1.0	0.216	53.1	-63.3	12.2	64.4	169	
170	164	175	0.0	1.0	0.233	53.2	-62.6	11.0	63.6	170	
170	165	175	0.0	1.0	0.25	53.2	-61.9	9.8	62.7	170	

4-0131130-L0 QI150-71 LAB*la0, YN=0%, XYZnw=2.4, 2.5, 2.6, 85.1, 88.8, 104.3, LAB*nw=17.7, 0.0, 0.0, 95.5, 0.0, 0.0

grafico TUB-QI15; codice di tinte: $H^*_e=R50Y_e$
cerchio delle tinte a 48 passi; $rgb-LabCh^*$ tavole

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

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

TUB iscrizione: 20130201-QI15/QI15L0NA.TXT /.PS
la domanda per la misura uscita nella stampa di offset, separazione cmyn6 (CMYK)

TUB materiale: code=rha4ta

Data of Maximum color M in colorimetric system Offset standard print; separation cmyn6*, D65 for input or output; Six hue angles of the 60 degree standard colours $RYGCBM_c$: $h_{ab,ds} = 30.0, 90.0, 150.0, 210.0, 270.0, 330.0$;
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$h_{ab,d}$	$h_{ab,s}$	$h_{ab,e}$	rgb^*_{dd361M}	$LAB^*_{dd361Mi}$ (x=LabCh)	$rgb^*_{ds361Mi}$	$LAB^*_{ds361Mi}$ (x=LabCh)	$rgb^*_{dd361Mi}$	$LAB^*_{de361Mi}$	$rgb^*_{de361Mi}$ (x=LabCh)	$rgb^*_{dd361Mi}$	rgb^*_{dd}	rgb^*_{ds}	rgb^*_{de}
170	165	175	0.0	1.0	0.25	53.2	-61.9	9.8	62.7	170	0.0	1.0	0.25
172	166	176	0.0	1.0	0.266	53.4	-61.4	8.2	61.9	172	0.0	1.0	0.267
173	167	177	0.0	1.0	0.283	53.5	-60.8	6.7	61.2	173	0.0	1.0	0.283
175	168	178	0.0	1.0	0.3	53.6	-60.2	5.2	60.4	175	0.0	1.0	0.3
176	169	179	0.0	1.0	0.316	53.7	-59.5	3.7	59.6	176	0.0	1.0	0.317
177	170	180	0.0	1.0	0.333	53.8	-58.8	2.3	58.9	177	0.0	1.0	0.333
179	171	181	0.0	1.0	0.35	53.9	-58.1	0.9	58.1	179	0.0	1.0	0.35
180	172	182	0.0	1.0	0.366	54.0	-57.3	-0.4	57.3	180	0.0	1.0	0.367
181	173	183	0.0	1.0	0.383	54.1	-56.6	-1.8	56.6	181	0.0	1.0	0.383
183	174	184	0.0	1.0	0.4	54.2	-55.9	-3.5	56.0	183	0.0	1.0	0.4
185	175	185	0.0	1.0	0.416	54.3	-55.2	-5.0	55.5	185	0.0	1.0	0.417
186	176	185	0.0	1.0	0.433	54.4	-54.5	-6.6	54.9	186	0.0	1.0	0.433
188	177	186	0.0	1.0	0.45	54.5	-53.7	-8.0	54.3	188	0.0	1.0	0.45
190	178	187	0.0	1.0	0.466	54.6	-52.8	-9.5	53.7	190	0.0	1.0	0.467
191	179	188	0.0	1.0	0.483	54.7	-52.0	-10.9	53.1	191	0.0	1.0	0.483
193	180	189	0.0	1.0	0.5	54.8	-51.0	-12.3	52.5	193	0.0	1.0	0.5
195	181	190	0.0	1.0	0.516	54.9	-50.4	-13.7	52.2	195	0.0	1.0	0.517
196	182	191	0.0	1.0	0.533	55.1	-49.6	-15.0	51.9	196	0.0	1.0	0.533
198	183	192	0.0	1.0	0.55	55.2	-48.9	-16.3	51.6	198	0.0	1.0	0.55
200	184	193	0.0	1.0	0.566	55.3	-48.1	-17.6	51.2	200	0.0	1.0	0.567
201	185	194	0.0	1.0	0.583	55.5	-47.3	-18.9	50.9	201	0.0	1.0	0.583
203	186	195	0.0	1.0	0.6	55.6	-46.4	-20.1	50.6	203	0.0	1.0	0.6
205	187	195	0.0	1.0	0.616	55.7	-45.5	-21.3	50.3	205	0.0	1.0	0.617
206	188	196	0.0	1.0	0.633	55.8	-44.7	-22.5	50.1	206	0.0	1.0	0.633
208	189	197	0.0	1.0	0.65	56.0	-44.0	-23.8	50.1	208	0.0	1.0	0.65
210	190	198	0.0	1.0	0.666	56.1	-43.2	-25.0	50.0	210	0.0	1.0	0.667
211	191	199	0.0	1.0	0.683	56.2	-42.4	-26.3	49.9	211	0.0	1.0	0.683
213	192	200	0.0	1.0	0.7	56.3	-41.6	-27.5	49.9	213	0.0	1.0	0.7
215	193	201	0.0	1.0	0.716	56.5	-40.8	-28.6	49.8	215	0.0	1.0	0.717
216	194	202	0.0	1.0	0.733	56.6	-39.9	-29.8	49.8	216	0.0	1.0	0.733
218	195	203	0.0	1.0	0.75	56.7	-38.9	-30.9	49.7	218	0.0	1.0	0.75
219	196	204	0.0	1.0	0.766	56.8	-38.4	-31.7	49.8	219	0.0	1.0	0.767
220	197	205	0.0	1.0	0.783	56.9	-37.8	-32.6	49.9	220	0.0	1.0	0.783
221	198	206	0.0	1.0	0.8	57.0	-37.2	-33.5	50.1	221	0.0	1.0	0.8
223	199	206	0.0	1.0	0.816	57.1	-36.6	-34.3	50.2	223	0.0	1.0	0.817
224	200	207	0.0	1.0	0.833	57.3	-36.0	-35.2	50.3	224	0.0	1.0	0.833
225	201	208	0.0	1.0	0.85	57.4	-35.3	-36.0	50.4	225	0.0	1.0	0.85
226	202	209	0.0	1.0	0.866	57.5	-34.6	-36.8	50.6	226	0.0	1.0	0.867
227	203	210	0.0	1.0	0.883	57.6	-34.0	-37.7	50.8	227	0.0	1.0	0.883
229	204	211	0.0	1.0	0.9	57.7	-33.4	-38.6	51.0	229	0.0	1.0	0.9
230	205	212	0.0	1.0	0.916	57.8	-32.8	-39.4	51.3	230	0.0	1.0	0.917
231	206	213	0.0	1.0	0.933	57.9	-32.1	-40.3	51.6	231	0.0	1.0	0.933
232	207	214	0.0	1.0	0.95	58.0	-31.4	-41.2	51.8	232	0.0	1.0	0.95
233	208	215	0.0	1.0	0.966	58.1	-30.7	-42.0	52.1	233	0.0	1.0	0.967
235	209	216	0.0	1.0	0.983	58.2	-30.0	-42.9	52.3	235	0.0	1.0	0.983
236	210	216	0.0	1.0	1.0	58.3	-29.2	-43.7	52.6	236	0.0	1.0	1.0

4-0131230-L0 QI150-71

LAB*la0, YN=0%, XYZnw=2.4, 2.5, 2.6, 85.1, 88.8, 104.3, LAB*nw=17.7, 0.0, 0.0, 95.5, 0.0, 0.0

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

grafico TUB-QI15; codice di tinte: $H^*_e=R50Y_e$
cerchio delle tinte a 48 passi; $rgb-LabCh^*$ tavole

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

4-0131230-F0

TUB iscrizione: 20130201-QI15/QI15L0NA.TXT /.PS
la domanda per la misura uscita nella stampa di offset, separazione cmyn6 (CMYK)
TUB materiale: code=rha4ta

Data of Maximum color M in colorimetric system Offset standard print; separation cmyn6*, D65 for input or output; Six hue angles of the 60 degree standard colours $RYGCBM_s$: $h_{ab,ds} = 30.0, 90.0, 150.0, 210.0, 270.0, 330.0$;
Six hue angles of the device colours $RYGCBM_d$: $h_{ab,d} = 32.8, 97.2, 157.8, 236.2, 296.4, 353.3$; 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 <i>RYGCBM</i> _d : <i>h</i> _{ab,d} = 32.8, 97.2, 157.8, 236.2, 296.4, 353.3; Six hue angles of the elementary colours <i>RYGCBM</i> _e : <i>h</i> _{ab,e} = 25.5, 92.3, 162.2, 217.0, 271.7, 328.6																																								
<i>h</i> _{ab,d}	<i>h</i> _{ab,s}	<i>h</i> _{ab,e}	<i>rgb</i> [*] _{dd361M}				<i>LAB</i> [*] _{ddx361Mi} (x=LabCh)				<i>C</i> _d	<i>rgb</i> [*] _{ds361Mi}				<i>LAB</i> [*] _{dsx361Mi} (x=LabCh)				<i>C</i> _s	<i>rgb</i> [*] _{dd361Mi}				<i>rgb</i> [*] _{de361Mi}				<i>LAB</i> [*] _{dex361Mi} (x=LabCh)				<i>C</i> _e	<i>rgb</i> [*] _{dd361Mi}				<i>rgb</i> [*] _{dd}	<i>rgb</i> [*] _{ds}	<i>rgb</i> [*] _{de}
236	210	216	0.0	1.0	1.0	58.3	-29.2	-43.7	52.6	236	0.0	1.0	0.666	56.1	-43.2	-24.9	50.0	210	0.0	1.0	1.0	0.0	0.983	1.0	0.0	1.0	0.736	56.7	-39.7	-29.9	49.8	216	0.0	1.0	1.0					
236	211	217	0.0	0.983	1.0	57.9	-28.7	-43.7	52.3	236	0.0	1.0	0.676	56.2	-42.8	-25.7	50.0	211	0.0	0.983	1.0	0.0	1.0	0.745	56.7	-39.2	-30.5	49.8	217	0.0	0.983	1.0								
237	212	218	0.0	0.966	1.0	57.5	-28.1	-43.8	52.0	237	0.0	1.0	0.686	56.3	-42.3	-26.4	50.0	212	0.0	0.967	1.0	0.0	1.0	0.755	56.8	-38.7	-31.1	49.8	218	0.0	0.967	1.0								
237	213	219	0.0	0.95	1.0	57.1	-27.5	-43.8	51.8	237	0.0	1.0	0.696	56.4	-41.8	-27.1	49.9	213	0.0	0.95	1.0	0.0	1.0	0.768	56.9	-38.3	-31.8	49.9	219	0.0	0.95	1.0								
238	214	220	0.0	0.933	1.0	56.7	-26.9	-43.9	51.5	238	0.0	1.0	0.706	56.4	-41.3	-27.8	49.9	214	0.0	0.933	1.0	0.0	1.0	0.781	57.0	-37.8	-32.4	50.0	220	0.0	0.933	1.0								
238	215	221	0.0	0.916	1.0	56.2	-26.4	-43.9	51.2	238	0.0	1.0	0.716	56.5	-40.8	-28.5	49.9	215	0.0	0.917	1.0	0.0	1.0	0.794	57.0	-37.4	-33.1	50.1	221	0.0	0.917	1.0								
239	216	222	0.0	0.9	1.0	55.8	-25.8	-43.9	50.9	239	0.0	1.0	0.726	56.6	-40.2	-29.2	49.8	216	0.0	0.9	1.0	0.0	1.0	0.807	57.1	-36.9	-33.8	50.2	222	0.0	0.9	1.0								
240	217	223	0.0	0.883	1.0	55.4	-25.2	-43.9	50.7	240	0.0	1.0	0.736	56.7	-39.7	-29.9	49.8	217	0.0	0.883	1.0	0.0	1.0	0.819	57.2	-36.4	-34.4	50.3	223	0.0	0.883	1.0								
240	218	224	0.0	0.866	1.0	55.0	-24.6	-43.9	50.4	240	0.0	1.0	0.746	56.7	-39.1	-30.5	49.8	218	0.0	0.867	1.0	0.0	1.0	0.832	57.3	-36.0	-35.1	50.4	224	0.0	0.867	1.0								
241	219	225	0.0	0.85	1.0	54.5	-23.9	-44.0	50.1	241	0.0	1.0	0.758	56.8	-38.6	-31.2	49.8	219	0.0	0.85	1.0	0.0	1.0	0.845	57.4	-35.5	-35.7	50.5	225	0.0	0.85	1.0								
242	220	226	0.0	0.833	1.0	54.1	-23.2	-44.0	49.8	242	0.0	1.0	0.772	56.9	-38.1	-32.0	49.9	220	0.0	0.833	1.0	0.0	1.0	0.858	57.5	-35.0	-36.3	50.6	226	0.0	0.833	1.0								
242	221	227	0.0	0.816	1.0	53.6	-22.5	-44.1	49.5	242	0.0	1.0	0.786	57.0	-37.7	-32.7	50.0	221	0.0	0.817	1.0	0.0	1.0	0.871	57.5	-34.4	-37.0	50.7	227	0.0	0.817	1.0								
243	222	227	0.0	0.8	1.0	53.1	-21.8	-44.1	49.2	243	0.0	1.0	0.8	57.1	-37.2	-33.4	50.1	222	0.0	0.8	1.0	0.0	1.0	0.884	57.6	-33.9	-37.6	50.8	227	0.0	0.8	1.0								
244	223	228	0.0	0.783	1.0	52.7	-21.1	-44.1	48.9	244	0.0	1.0	0.814	57.2	-36.6	-34.2	50.2	223	0.0	0.783	1.0	0.0	1.0	0.896	57.7	-33.5	-38.3	51.0	228	0.0	0.783	1.0								
245	224	229	0.0	0.766	1.0	52.2	-20.4	-44.1	48.6	245	0.0	1.0	0.828	57.3	-36.1	-34.9	50.3	224	0.0	0.767	1.0	0.0	1.0	0.909	57.8	-33.0	-39.0	51.2	229	0.0	0.767	1.0								
245	225	230	0.0	0.75	1.0	51.7	-19.7	-44.1	48.3	245	0.0	1.0	0.842	57.4	-35.6	-35.6	50.4	225	0.0	0.75	1.0	0.0	1.0	0.922	57.9	-32.5	-39.7	51.4	230	0.0	0.75	1.0								
246	226	231	0.0	0.733	1.0	51.2	-18.9	-44.2	48.1	246	0.0	1.0	0.856	57.5	-35.0	-36.3	50.5	226	0.0	0.733	1.0	0.0	1.0	0.935	57.9	-32.0	-40.4	51.6	231	0.0	0.733	1.0								
247	227	232	0.0	0.716	1.0	50.7	-18.1	-44.3	47.8	247	0.0	1.0	0.87	57.5	-34.4	-36.9	50.7	227	0.0	0.717	1.0	0.0	1.0	0.948	58.0	-31.5	-41.0	51.8	232	0.0	0.717	1.0								
248	228	233	0.0	0.7	1.0	50.1	-17.4	-44.3	47.6	248	0.0	1.0	0.884	57.6	-33.9	-37.7	50.8	228	0.0	0.7	1.0	0.0	1.0	0.961	58.1	-30.9	-41.7	52.0	233	0.0	0.7	1.0								
249	229	234	0.0	0.683	1.0	49.6	-16.6	-44.3	47.4	249	0.0	1.0	0.899	57.7	-33.4	-38.4	51.1	229	0.0	0.683	1.0	0.0	1.0	0.974	58.2	-30.4	-42.3	52.2	234	0.0	0.683	1.0								
250	230	235	0.0	0.666	1.0	49.1	-15.8	-44.4	47.1	250	0.0	1.0	0.913	57.8	-32.9	-39.2	51.3	230	0.0	0.667	1.0	0.0	1.0	0.987	58.3	-29.8	-43.0	52.4	235	0.0	0.667	1.0								
251	231	236	0.0	0.65	1.0	48.5	-15.0	-44.4	46.9	251	0.0	1.0	0.927	57.9	-32.3	-39.9	51.5	231	0.0	0.65	1.0	0.0	1.0	0.999	58.3	-29.2	-43.6	52.6	236	0.0	0.65	1.0								
252	232	237	0.0	0.633	1.0	48.0	-14.3	-44.4	46.6	252	0.0	1.0	0.941	58.0	-31.7	-40.7	51.7	232	0.0	0.633	1.0	0.0	1.0	0.974	1.0	57.7	-28.3	-43.7	52.2	237	0.0	0.633	1.0							
253	233	237	0.0	0.616	1.0	47.4	-13.4	-44.5	46.4	253	0.0	1.0	0.955	58.1	-31.2	-41.4	51.9	233	0.0	0.617	1.0	0.0	1.0	0.947	1.0	57.0	-27.4	-43.8	51.8	237	0.0	0.617	1.0							
254	234	238	0.0	0.6	1.0	46.7	-12.3	-44.6	46.3	254	0.0	1.0	0.969	58.2	-30.6	-42.1	52.2	234	0.0	0.6	1.0	0.0	1.0	0.919	1.0	56.4	-26.4	-43.8	51.3	238	0.0	0.6	1.0							
255	235	239	0.0	0.583	1.0	46.1	-11.3	-44.7	46.1	255	0.0	1.0	0.983	58.2	-29.9	-42.8	52.4	235	0.0	0.583	1.0	0.0	1.0	0.892	1.0	55.7	-25.5	-43.8	50.8	239	0.0	0.583	1.0							
257	236	240	0.0	0.566	1.0	45.4	-10.2	-44.8	46.0	257	0.0	1.0	0.997	58.3	-29.3	-43.5	52.6	236	0.0	0.567	1.0	0.0	1.0	0.867	1.0	55.0	-24.6	-43.9	50.4	240	0.0	0.567	1.0							
258	237	241	0.0	0.55	1.0	44.7	-9.1	-44.9	45.8	258	0.0	0.976	1.0	57.7	-28.4	-43.7	52.2	237	0.0	0.55	1.0	0.0	1.0	0.847	1.0	54.5	-23.7	-44.0	50.1	241	0.0	0.55	1.0							
259	238	242	0.0	0.533	1.0	44.1	-8.1	-45.0	45.7	259	0.0	0.946	1.0	57.0	-27.3	-43.8	51.7	238	0.0	0.533	1.0	0.0	1.0	0.826	1.0	53.9	-22.8	-44.0	49.7	242	0.0	0.533	1.0							
261	239	243	0.0	0.516	1.0	43.4	-7.0	-45.0	45.5	261	0.0	0.916	1.0	56.3	-26.3	-43.8	51.2	239	0.0	0.517	1.0	0.0	1.0	0.805	1.0	53.3	-22.0	-44.0	49.3	243	0.0	0.517	1.0							
262	240	244	0.0	0.5	1.0	42.7	-6.0	-45.0	45.4	262	0.0	0.886	1.0	55.5	-25.3	-43.8	50.7	240	0.0	0.5	1.0	0.0	1.0	0.785	1.0	52.7	-21.1	-44.1	49.0	244	0.0	0.5	1.0							
263	241	245	0.0	0.483	1.0	42.1	-5.0	-45.1	45.4	263	0.0	0.861	1.0	54.9	-24.3	-43.9	50.3	241	0.0	0.483	1.0	0.0	1.0	0.764	1.0	52.2	-20.2	-44.1	48.6	245	0.0	0.483	1.0							
264	242	246	0.0	0.466	1.0	41.4	-4.0	-45.2	45.4	264	0.0	0.838	1.0	54.2	-23.3	-44.0	49.9	242	0.0	0.467	1.0	0.0	1.0	0.745	1.0	51.6	-19.4	-44.1	48.3	246	0.0	0.467	1.0							
266	243	247	0.0	0.45	1.0	40.8	-3.0	-45.3	45.4	266	0.0	0.815	1.0	53.6	-22.4	-44.0	49.5	243	0.0	0.45	1.0	0.0	1.0	0.727	1.0	51.1	-18.6	-44.2	48.1	247	0.0	0.45	1.0							
267	244	248	0.0	0.433	1.0	40.2	-2.1	-45.3	45.4	267	0.0	0.793	1.0	53.0	-21.4	-44.1	49.1	244	0.0	0.433	1.0	0.0	1.0	0.71	1.0	50.5	-17.8	-44.2	47.8	248	0.0	0.433	1.0							
268	245	248	0.0	0.416	1.0	39.5	-1.1	-45.4	45.4	268	0.0	0.77	1.0	52.3	-20.5	-44.1	48.7	245	0.0	0.417	1.0	0.0	1.0	0.693	1.0	50.0	-17.0	-44.3	47.6	248	0.0	0.417	1.0							
269	246	249	0.0	0.4	1.0	38.9	-0.1	-45.4	45.4	269	0.0	0.748	1.0	51.7	-19.6	-44.1	48.4	246	0.0	0.4	1.0	0.0	1.0	0.676	1.0	49.4	-16.2	-44.3	47.3	249	0.0	0.4	1.0							
271	247	250	0.0	0.383	1.0	38.2	0.8	-45.4	45.4	271	0.0	0.729	1.0	51.1	-18.7	-44.2	48.1	247	0.0	0.383	1.0	0.0	1.0	0.659	1.0	48.9	-15.4	-44.3	47.1	250	0.0	0.383	1.0							
272	248	251	0.0	0.366	1.0	37.6	1.8	-45.5	45.5	272	0.0	0.711	1.0	50.5	-17.8	-44.2	47.8	248	0.0	0.367	1.0	0.0	1.0	0.642	1.0	48.3	-14.6	-44.3	46.8	251										

4-0131330-L0 QI150-71 LAB*la0, YN=0%, XYZnw=2.4, 2.5, 2.6, 85.1, 88.8, 104.3, LAB*nw=17.7, 0.0, 0.0, 95.5, 0.0, 0.0

uscita: Offset standard print; separation cmyn6*, D65, pagina 14/33

grafico TUB-QI15; codice di tinte: $H^*_e=R50Y_e$
cerchio delle tinte a 48 passi; $rgb-LabCh^*$ tavole

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

TUB iscrizione: 20130201-QI15/QI15L0NA.TXT /.PS
la domanda per la misura uscita nella stampa di offset, separazione cmyn6 (CMYK)
TUB materiale: code=rha4ta

Data of Maximum color M in colorimetric system Offset standard print; separation cmyn6*, D65 for input or output; Six hue angles of the 60 degree standard colours $RYGCBM_c$: $h_{ab,ds} = 30.0, 90.0, 150.0, 210.0, 270.0, 330.0$;
Six hue angles of the device colours $RYGCBM_d$: $h_{ab,d} = 32.8, 97.2, 157.8, 236.2, 296.4, 353.3$; 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 $RYGCBM_d$: $h_{ab,d} = 32.8, 97.2, 157.8, 236.2, 296.4, 353.3$; 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)	$rgb^*_{dd361Mi}$	$rgb^*_{de361Mi}$	$LAB^*_{dex361Mi}$ (x=LabCh)	$rgb^*_{dd361Mi}$	rgb^*_{dd}	rgb^*_{ds}	rgb^*_{de}													
281	255	258	0.0	0.25 1.0	33.3	9.4	-46.0 47.0	281	0.0	0.594 1.0	46.5	-11.9 -44.6 46.3	255	0.0	0.25 1.0											
282	256	258	0.0	0.233 1.0	32.7	10.5	-46.2 47.4	282	0.0	0.581 1.0	46.0	-11.1 -44.7 46.2	256	0.0	0.233 1.0											
283	257	259	0.0	0.216 1.0	32.0	11.5	-46.4 47.8	283	0.0	0.568 1.0	45.5	-10.3 -44.8 46.1	257	0.0	0.217 1.0											
285	258	260	0.0	0.2 1.0	31.4	12.5	-46.5 48.2	285	0.0	0.556 1.0	45.0	-9.5 -44.8 45.9	258	0.0	0.2 1.0											
286	259	261	0.0	0.183 1.0	30.8	13.6	-46.7 48.6	286	0.0	0.543 1.0	44.5	-8.6 -44.9 45.8	259	0.0	0.183 1.0											
287	260	262	0.0	0.166 1.0	30.1	14.7	-46.8 49.0	287	0.0	0.53 1.0	44.0	-7.8 -44.9 45.7	260	0.0	0.167 1.0											
288	261	263	0.0	0.15 1.0	29.5	15.8	-46.9 49.4	288	0.0	0.517 1.0	43.5	-7.0 -44.9 45.6	261	0.0	0.15 1.0											
289	262	264	0.0	0.133 1.0	28.9	16.8	-46.9 49.9	289	0.0	0.505 1.0	43.0	-6.2 -44.9 45.5	262	0.0	0.133 1.0											
290	263	265	0.0	0.116 1.0	28.3	17.8	-47.0 50.3	290	0.0	0.491 1.0	42.5	-5.4 -45.0 45.4	263	0.0	0.117 1.0											
291	264	266	0.0	0.1 1.0	27.9	18.6	-47.1 50.6	291	0.0	0.478 1.0	41.9	-4.6 -45.1 45.4	264	0.0	0.1 1.0											
292	265	267	0.0	0.083 1.0	27.5	19.4	-47.1 51.0	292	0.0	0.465 1.0	41.4	-3.9 -45.2 45.4	265	0.0	0.083 1.0											
293	266	268	0.0	0.066 1.0	27.0	20.2	-47.2 51.4	293	0.0	0.451 1.0	40.9	-3.1 -45.2 45.4	266	0.0	0.067 1.0											
293	267	269	0.0	0.049 1.0	26.6	21.0	-47.3 51.7	293	0.0	0.438 1.0	40.4	-2.3 -45.3 45.4	267	0.0	0.05 1.0											
294	268	269	0.0	0.033 1.0	26.2	21.8	-47.3 52.1	294	0.0	0.425 1.0	39.9	-1.5 -45.3 45.4	268	0.0	0.033 1.0											
295	269	270	0.0	0.016 1.0	25.7	22.6	-47.3 52.5	295	0.0	0.411 1.0	39.4	-0.7 -45.3 45.4	269	0.0	0.017 1.0											
296	270	271	0.0	0.0 1.0	25.3	23.5	-47.3 52.8	296	B_d	0.0	0.398 1.0	38.8	0.0 -45.3 45.4	270	B_s	0.0	0.0 1.0	0.0	0.375 1.0	37.9	1.4	-45.3 45.5	271	B_e	0.0	0.0 1.0
297	271	272	0.016 0.0	1.0	25.8	24.6	-46.8 52.9	297	0.0	0.385 1.0	38.3	0.8 -45.3 45.4	271	0.017 0.0	1.0	0.0	0.363 1.0	37.5	2.1	-45.5 45.6	272	0.017 0.0	1.0			
299	272	273	0.033 0.0	1.0	26.3	25.8	-46.2 52.9	299	0.0	0.371 1.0	37.8	1.6 -45.4 45.5	272	0.033 0.0	1.0	0.0	0.351 1.0	37.1	2.9	-45.6 45.8	273	0.033 0.0	1.0			
300	273	274	0.05 0.0	1.0	26.9	26.9	-45.6 52.9	300	0.0	0.359 1.0	37.3	2.4 -45.5 45.7	273	0.05 0.0	1.0	0.0	0.339 1.0	36.6	3.7	-45.7 45.9	274	0.05 0.0	1.0			
301	274	275	0.066 0.0	1.0	27.4	28.0	-45.0 53.0	301	0.0	0.346 1.0	36.9	3.2 -45.6 45.8	274	0.067 0.0	1.0	0.0	0.327 1.0	36.2	4.4	-45.7 46.0	275	0.067 0.0	1.0			
303	275	276	0.083 0.0	1.0	27.9	29.1	-44.3 53.0	303	0.0	0.334 1.0	36.4	4.0 -45.7 46.0	275	0.083 0.0	1.0	0.0	0.315 1.0	35.7	5.2	-45.8 46.2	276	0.083 0.0	1.0			
304	276	277	0.1 0.0	1.0	28.5	30.2	-43.6 53.1	304	0.0	0.321 1.0	36.0	4.8 -45.8 46.1	276	0.1 0.0	1.0	0.0	0.303 1.0	35.3	6.0	-45.9 46.3	277	0.1 0.0	1.0			
306	277	278	0.116 0.0	1.0	29.0	31.2	-42.9 53.1	306	0.0	0.309 1.0	35.5	5.6 -45.8 46.3	277	0.117 0.0	1.0	0.0	0.291 1.0	34.9	6.8	-45.9 46.5	278	0.117 0.0	1.0			
307	278	279	0.133 0.0	1.0	29.4	32.1	-42.3 53.1	307	0.0	0.296 1.0	35.0	6.5 -45.9 46.4	278	0.133 0.0	1.0	0.0	0.279 1.0	34.4	7.6	-45.9 46.6	279	0.133 0.0	1.0			
307	279	280	0.15 0.0	1.0	29.7	32.7	-41.9 53.2	307	0.0	0.283 1.0	34.6	7.3 -45.9 46.6	279	0.15 0.0	1.0	0.0	0.267 1.0	34.0	8.3	-45.9 46.8	280	0.15 0.0	1.0			
308	280	281	0.166 0.0	1.0	30.0	33.3	-41.5 53.2	308	0.0	0.271 1.0	34.1	8.1 -45.9 46.7	280	0.167 0.0	1.0	0.0	0.256 1.0	33.5	9.1	-45.9 46.9	281	0.167 0.0	1.0			
309	281	282	0.183 0.0	1.0	30.3	33.9	-41.0 53.2	309	0.0	0.258 1.0	33.6	8.9 -45.9 46.9	281	0.183 0.0	1.0	0.0	0.243 1.0	33.1	9.9	-46.0 47.2	282	0.183 0.0	1.0			
310	282	283	0.2 0.0	1.0	30.6	34.5	-40.6 53.3	310	0.0	0.245 1.0	33.1	9.8 -46.0 47.1	282	0.2 0.0	1.0	0.0	0.229 1.0	32.5	10.8	-46.2 47.5	283	0.2 0.0	1.0			
311	283	284	0.216 0.0	1.0	30.9	35.0	-40.1 53.3	311	0.0	0.231 1.0	32.6	10.7 -46.2 47.5	283	0.217 0.0	1.0	0.0	0.215 1.0	32.0	11.6	-46.3 47.9	284	0.217 0.0	1.0			
311	284	285	0.233 0.0	1.0	31.2	35.6	-39.6 53.3	311	0.0	0.216 1.0	32.1	11.6 -46.3 47.8	284	0.233 0.0	1.0	0.0	0.202 1.0	31.5	12.5	-46.5 48.2	285	0.233 0.0	1.0			
312	285	285	0.25 0.0	1.0	31.5	36.2	-39.2 53.4	312	0.0	0.202 1.0	31.5	12.5 -46.5 48.2	285	0.25 0.0	1.0	0.0	0.188 1.0	31.0	13.3	-46.6 48.5	285	0.25 0.0	1.0			
314	286	286	0.266 0.0	1.0	31.8	37.8	-38.3 53.8	314	0.0	0.188 1.0	31.0	13.4 -46.6 48.6	286	0.267 0.0	1.0	0.0	0.175 1.0	30.5	14.2	-46.7 48.9	286	0.267 0.0	1.0			
316	287	287	0.283 0.0	1.0	32.1	39.4	-37.4 54.3	316	0.0	0.173 1.0	30.4	14.3 -46.7 48.9	287	0.283 0.0	1.0	0.0	0.161 1.0	30.0	15.1	-46.8 49.2	287	0.283 0.0	1.0			
318	288	288	0.3 0.0	1.0	32.4	40.9	-36.4 54.8	318	0.0	0.159 1.0	29.9	15.2 -46.8 49.3	288	0.3 0.0	1.0	0.0	0.147 1.0	29.5	16.0	-46.8 49.6	288	0.3 0.0	1.0			
320	289	289	0.316 0.0	1.0	32.7	42.4	-35.3 55.3	320	0.0	0.145 1.0	29.4	16.2 -46.8 49.6	289	0.317 0.0	1.0	0.0	0.134 1.0	28.9	16.9	-46.9 49.9	289	0.317 0.0	1.0			
322	290	290	0.333 0.0	1.0	33.0	43.9	-34.2 55.7	322	0.0	0.13 1.0	28.8	17.1 -46.9 50.0	290	0.333 0.0	1.0	0.0	0.118 1.0	28.4	17.8	-46.9 50.3	290	0.333 0.0	1.0			
323	291	291	0.35 0.0	1.0	33.3	45.4	-33.1 56.2	323	0.0	0.112 1.0	28.3	18.1 -47.0 50.4	291	0.35 0.0	1.0	0.0	0.098 1.0	27.9	18.7	-47.0 50.7	291	0.35 0.0	1.0			
325	292	292	0.366 0.0	1.0	33.6	46.9	-31.8 56.7	325	0.0	0.091 1.0	27.7	19.1 -47.1 50.9	292	0.367 0.0	1.0	0.0	0.079 1.0	27.4	19.6	-47.1 51.1	292	0.367 0.0	1.0			
327	293	293	0.383 0.0	1.0	34.0	48.0	-30.9 57.1	327	0.0	0.07 1.0	27.2	20.1 -47.1 51.3	293	0.383 0.0	1.0	0.0	0.059 1.0	26.9	20.6	-47.2 51.6	293	0.383 0.0	1.0			
328	294	294	0.4 0.0	1.0	34.6	48.9	-30.3 57.5	328	0.0	0.05 1.0	26.6	21.1 -47.2 51.8	294	0.4 0.0	1.0	0.0	0.04 1.0	26.4	21.6	-47.2 52.0	294	0.4 0.0	1.0			
329	295	295	0.416 0.0	1.0	35.1	49.7	-29.7 57.9	329	0.0	0.029 1.0	26.1	22.1 -47.2 52.2	295	0.417 0.0	1.0	0.0	0.02 1.0	25.9	22.5	-47.3 52.4	295	0.417 0.0	1.0			
330	296	296	0.433 0.0	1.0	35.7	50.5	-29.0 58.3	330	0.0	0.008 1.0	25.6	23.1 -47.3 52.7	296	0.433 0.0	1.0	0.0	0.001 1.0	25.3	23.5	-47.3 52.9	296	0.433 0.0	1.0			
331	297	297	0.45 0.0	1.0	36.2	51.4	-28.4 58.7	331	0.007 0.0	1.0	25.6	24.0 -47.0 52.9	297	0.45 0.0	1.0	0.011 0.0	1.0	25.7	24.3	-46.9 52.9	297	0.45 0.0	1.0			
332	298	298	0.466 0.0	1.0	36.7	52.2	-27.7 59.1	332	0.019 0.0	1.0	25.9	24.8 -46.6 52.9	298	0.46												

4-0131430-L0 QI150-71

LAB*la0, YN=0%, XYZnw=2.4, 2.5, 2.6, 85.1, 88.8, 104.3, LAB*n

Data of Maximum color M in colorimetric system Offset standard print; separation cmyn6*, D65 for input or output; Six hue angles of the 60 degree standard colours $RYGCBM_s$: $h_{ab,ds} = 30.0, 90.0, 150.0, 210.0, 270.0, 330.0$;
Six hue angles of the device colours $RYGCBM_d$: $h_{ab,d} = 32.8, 97.2, 157.8, 236.2, 296.4, 353.3$; 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}	$LAB^*_{dsx361Mi}$	$rgb^*_{ds361Mi}$	$LAB^*_{dsx361Mi}$	$rgb^*_{dd361Mi}$	$LAB^*_{dex361Mi}$	$rgb^*_{dd361Mi}$	$LAB^*_{dex361Mi}$	$rgb^*_{dd361Mi}$	rgb^*_{dd}	rgb^*_{ds}	rgb^*_{de}
333	300	300	0.5 0.0 1.0	37.8 53.8 -26.3 59.9	333	0.043 0.0 1.0	26.7 26.5 -45.8 53.0	300	0.5 0.0 1.0	0.046 0.0 1.0	26.8 26.6 -45.7 53.0	300	0.5 0.0 1.0		
334	301	301	0.516 0.0 1.0	38.3 54.5 -25.7 60.3	334	0.056 0.0 1.0	27.1 27.3 -45.3 53.0	301	0.517 0.0 1.0	0.057 0.0 1.0	27.2 27.4 -45.3 53.0	301	0.517 0.0 1.0		
335	302	302	0.533 0.0 1.0	38.7 55.2 -25.2 60.6	335	0.068 0.0 1.0	27.5 28.1 -44.9 53.0	302	0.533 0.0 1.0	0.068 0.0 1.0	27.5 28.2 -44.8 53.0	302	0.533 0.0 1.0		
336	303	303	0.55 0.0 1.0	39.1 55.8 -24.6 61.0	336	0.08 0.0 1.0	27.9 28.9 -44.4 53.1	303	0.55 0.0 1.0	0.08 0.0 1.0	27.9 28.9 -44.4 53.1	303	0.55 0.0 1.0		
336	304	303	0.566 0.0 1.0	39.5 56.5 -24.0 61.4	336	0.092 0.0 1.0	28.3 29.7 -43.9 53.1	304	0.567 0.0 1.0	0.091 0.0 1.0	28.3 29.7 -43.9 53.1	303	0.567 0.0 1.0		
337	305	304	0.583 0.0 1.0	39.9 57.2 -23.4 61.8	337	0.104 0.0 1.0	28.7 30.5 -43.4 53.1	305	0.583 0.0 1.0	0.103 0.0 1.0	28.6 30.4 -43.5 53.1	304	0.583 0.0 1.0		
338	306	305	0.6 0.0 1.0	40.3 57.8 -22.8 62.2	338	0.116 0.0 1.0	29.0 31.2 -42.9 53.1	306	0.6 0.0 1.0	0.114 0.0 1.0	29.0 31.1 -43.0 53.1	305	0.6 0.0 1.0		
339	307	306	0.616 0.0 1.0	40.7 58.5 -22.1 62.5	339	0.13 0.0 1.0	29.4 32.0 -42.4 53.2	307	0.617 0.0 1.0	0.126 0.0 1.0	29.4 31.9 -42.5 53.2	306	0.617 0.0 1.0		
340	308	307	0.633 0.0 1.0	41.1 59.3 -21.4 63.0	340	0.151 0.0 1.0	29.8 32.8 -41.8 53.2	308	0.633 0.0 1.0	0.146 0.0 1.0	29.7 32.6 -42.0 53.2	307	0.633 0.0 1.0		
341	309	308	0.65 0.0 1.0	41.4 60.3 -20.5 63.7	341	0.172 0.0 1.0	30.2 33.5 -41.3 53.3	309	0.65 0.0 1.0	0.166 0.0 1.0	30.1 33.3 -41.5 53.2	308	0.65 0.0 1.0		
342	310	309	0.666 0.0 1.0	41.7 61.3 -19.7 64.3	342	0.193 0.0 1.0	30.6 34.3 -40.7 53.3	310	0.667 0.0 1.0	0.186 0.0 1.0	30.4 34.0 -40.9 53.3	309	0.667 0.0 1.0		
343	311	310	0.683 0.0 1.0	41.9 62.2 -18.8 65.0	343	0.214 0.0 1.0	30.9 35.0 -40.2 53.3	311	0.683 0.0 1.0	0.205 0.0 1.0	30.8 34.7 -40.4 53.3	310	0.683 0.0 1.0		
344	312	311	0.7 0.0 1.0	42.2 63.2 -17.8 65.6	344	0.234 0.0 1.0	31.3 35.7 -39.6 53.4	312	0.7 0.0 1.0	0.225 0.0 1.0	31.1 35.4 -39.8 53.4	311	0.7 0.0 1.0		
345	313	312	0.716 0.0 1.0	42.5 64.1 -16.9 66.3	345	0.252 0.0 1.0	31.6 36.5 -39.0 53.5	313	0.717 0.0 1.0	0.245 0.0 1.0	31.5 36.1 -39.3 53.4	312	0.717 0.0 1.0		
346	314	313	0.733 0.0 1.0	42.8 65.0 -15.9 66.9	346	0.261 0.0 1.0	31.8 37.3 -38.5 53.7	314	0.733 0.0 1.0	0.256 0.0 1.0	31.7 36.8 -38.8 53.6	313	0.733 0.0 1.0		
347	315	314	0.75 0.0 1.0	43.1 65.9 -14.9 67.6	347	0.27 0.0 1.0	31.9 38.2 -38.1 54.0	315	0.75 0.0 1.0	0.265 0.0 1.0	31.8 37.7 -38.4 53.8	314	0.75 0.0 1.0		
347	316	315	0.766 0.0 1.0	43.5 66.4 -14.5 68.0	347	0.279 0.0 1.0	32.1 39.0 -37.6 54.2	316	0.767 0.0 1.0	0.273 0.0 1.0	32.0 38.5 -37.9 54.1	315	0.767 0.0 1.0		
348	317	316	0.783 0.0 1.0	43.8 66.9 -14.1 68.4	348	0.288 0.0 1.0	32.3 39.8 -37.1 54.5	317	0.783 0.0 1.0	0.282 0.0 1.0	32.1 39.3 -37.4 54.3	316	0.783 0.0 1.0		
348	318	317	0.8 0.0 1.0	44.2 67.3 -13.7 68.7	348	0.297 0.0 1.0	32.4 40.7 -36.5 54.7	318	0.8 0.0 1.0	0.29 0.0 1.0	32.3 40.0 -36.9 54.5	317	0.8 0.0 1.0		
348	319	318	0.816 0.0 1.0	44.6 67.8 -13.3 69.1	348	0.306 0.0 1.0	32.6 41.5 -36.0 55.0	319	0.817 0.0 1.0	0.299 0.0 1.0	32.4 40.8 -36.4 54.8	318	0.817 0.0 1.0		
349	320	319	0.833 0.0 1.0	45.0 68.3 -12.9 69.5	349	0.315 0.0 1.0	32.7 42.3 -35.4 55.2	320	0.833 0.0 1.0	0.307 0.0 1.0	32.6 41.6 -35.9 55.0	319	0.833 0.0 1.0		
349	321	320	0.85 0.0 1.0	45.3 68.8 -12.5 69.9	349	0.324 0.0 1.0	32.9 43.1 -34.8 55.5	321	0.85 0.0 1.0	0.315 0.0 1.0	32.7 42.4 -35.4 55.3	320	0.85 0.0 1.0		
350	322	321	0.866 0.0 1.0	45.7 69.2 -12.1 70.3	350	0.333 0.0 1.0	33.1 43.9 -34.2 55.8	322	0.867 0.0 1.0	0.324 0.0 1.0	32.9 43.2 -34.8 55.5	321	0.867 0.0 1.0		
350	323	321	0.883 0.0 1.0	46.1 69.7 -11.7 70.7	350	0.342 0.0 1.0	33.2 44.7 -33.6 56.0	323	0.883 0.0 1.0	0.332 0.0 1.0	33.0 43.9 -34.2 55.7	321	0.883 0.0 1.0		
350	324	322	0.9 0.0 1.0	46.4 70.1 -11.2 71.0	350	0.351 0.0 1.0	33.4 45.5 -33.0 56.3	324	0.9 0.0 1.0	0.341 0.0 1.0	33.2 44.7 -33.7 56.0	322	0.9 0.0 1.0		
351	325	323	0.916 0.0 1.0	46.7 70.6 -10.8 71.4	351	0.359 0.0 1.0	33.5 46.3 -32.3 56.5	325	0.917 0.0 1.0	0.349 0.0 1.0	33.4 45.4 -33.1 56.2	323	0.917 0.0 1.0		
351	326	324	0.933 0.0 1.0	47.0 71.0 -10.3 71.8	351	0.368 0.0 1.0	33.7 47.1 -31.6 56.8	326	0.933 0.0 1.0	0.358 0.0 1.0	33.5 46.2 -32.4 56.5	324	0.933 0.0 1.0		
352	327	325	0.95 0.0 1.0	47.3 71.5 -9.9 72.2	352	0.379 0.0 1.0	34.0 47.9 -31.0 57.1	327	0.95 0.0 1.0	0.366 0.0 1.0	33.7 46.9 -31.8 56.7	325	0.95 0.0 1.0		
352	328	326	0.966 0.0 1.0	47.6 71.9 -9.4 72.5	352	0.397 0.0 1.0	34.5 48.7 -30.4 57.5	328	0.967 0.0 1.0	0.375 0.0 1.0	33.8 47.6 -31.2 57.0	326	0.967 0.0 1.0		
352	329	327	0.983 0.0 1.0	47.9 72.4 -9.0 72.9	352	0.414 0.0 1.0	35.1 49.6 -29.7 57.9	329	0.983 0.0 1.0	0.391 0.0 1.0	34.3 48.4 -30.6 57.3	327	0.983 0.0 1.0		
353	330	328	1.0 0.0 1.0	48.2 72.8 -8.5 73.3	353	0.432 0.0 1.0	35.7 50.5 -29.1 58.3	330	1.0 0.0 1.0	0.407 0.0 1.0	34.9 49.3 -30.0 57.7	328	1.0 0.0 1.0		
353	331	329	1.0 0.0 0.983	48.2 72.7 -7.9 73.1	353	0.449 0.0 1.0	36.2 51.4 -28.4 58.7	331	1.0 0.0 0.983	0.424 0.0 1.0	35.4 50.1 -29.4 58.1	329	1.0 0.0 0.983		
354	332	330	1.0 0.0 0.966	48.2 72.5 -7.4 72.9	354	0.467 0.0 1.0	36.8 52.2 -27.7 59.1	332	1.0 0.0 0.967	0.441 0.0 1.0	35.9 50.9 -28.7 58.5	330	1.0 0.0 0.967		
354	333	331	1.0 0.0 0.95	48.2 72.4 -6.8 72.7	354	0.484 0.0 1.0	37.4 53.1 -26.9 59.6	333	1.0 0.0 0.95	0.457 0.0 1.0	36.5 51.8 -28.1 58.9	331	1.0 0.0 0.95		
355	334	332	1.0 0.0 0.933	48.2 72.2 -6.2 72.5	355	0.502 0.0 1.0	37.9 53.9 -26.2 60.0	334	1.0 0.0 0.933	0.474 0.0 1.0	37.0 52.6 -27.4 59.3	332	1.0 0.0 0.933		
355	335	333	1.0 0.0 0.916	48.2 72.0 -5.7 72.3	355	0.524 0.0 1.0	38.5 54.8 -25.5 60.5	335	1.0 0.0 0.917	0.49 0.0 1.0	37.6 53.4 -26.7 59.7	333	1.0 0.0 0.917		
355	336	334	1.0 0.0 0.9	48.2 71.9 -5.1 72.1	355	0.546 0.0 1.0	39.0 55.7 -24.7 61.0	336	1.0 0.0 0.9	0.508 0.0 1.0	38.1 54.2 -26.0 60.1	334	1.0 0.0 0.9		
356	337	335	1.0 0.0 0.883	48.2 71.7 -4.6 71.8	356	0.567 0.0 1.0	39.6 56.6 -23.9 61.5	337	1.0 0.0 0.883	0.529 0.0 1.0	38.6 55.0 -25.3 60.6	335	1.0 0.0 0.883		
356	338	336	1.0 0.0 0.866	48.2 71.5 -4.0 71.7	356	0.589 0.0 1.0	40.1 57.5 -23.1 62.0	338	1.0 0.0 0.867	0.55 0.0 1.0	39.1 55.9 -24.6 61.1	336	1.0 0.0 0.867		
357	339	337	1.0 0.0 0.85	48.2 71.4 -3.3 71.5	357	0.611 0.0 1.0	40.7 58.3 -22.3 62.5	339	1.0 0.0 0.85	0.57 0.0 1.0	39.6 56.7 -23.8 61.5	337	1.0 0.0 0.85		
357	340	338	1.0 0.0 0.833	48.2 71.3 -2.7 71.3	357	0.631 0.0 1.0	41.1 59.2 -21.5 63.0	340	1.0 0.0 0.833	0.591 0.0 1.0	40.2 57.5 -23.0 62.0	338	1.0 0.0 0.833		
358	341	339	1.0 0.0 0.816	48.2 71.1 -2.1 71.1	358	0.648 0.0 1.0	41.4 60.2 -20.6 63.7	341	1.0 0.0 0.817	0.612 0.0 1.0	40.7 58.3 -22.3 62.5	339	1.0 0.0 0.817		
358	342	339	1.0 0.0 0.8	48.2 70.9 -1.4 71.0	358	0.664 0.0 1.0	41.7 61.1 -19.8 64.3	342	1.0 0.0 0.8	0.631 0.0 1.0	41.1 59.2 -21.5 63.0	339	1.0 0.0 0.8		
359	343	340	1.0 0.0 0.783	48.1 70.8 -0.8 70.8	359	0.68 0.0 1.0	41.9 62.1 -18.9 64.9	343	1.0 0.0 0.783	0.646 0.0 1.0	41.4 60.1 -20.7 63.6	340	1.0 0.0 0.783		
359	344	341	1.0 0.0 0.766	48.1 70.6 -0.2 70.6	359	0.697 0.0 1.0	42.2 63.0 -18.0 65.6	344	1.0 0.0 0.767	0.662 0.0 1.0	41.6 61.0 -19.9 64.2	341	1.0 0.0 0.767		
360	345	342	1.0 0.0 0.75	48.1 70.4 0.3 70.4	360	0.713 0.0 1.0	42.5 64.0 -17.0 66.2	345	1.0 0.0 0.75	0.678 0.0 1.0	41.9 61.9 -19.0 64.8	342	1.0 0.0 0.75		

4-0131530-L0 QI150-71 LAB*la0, YN=0%, XYZnw=2.4, 2.5, 2.6, 85.1, 88.8, 104.3. LAB*nw=17.7, 0.0, 0.0, 95.5, 0.0, 0.0

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

grafico TUB-QI15; codice di tinte: $H^*_e=R50Y_e$
cerchio delle tinte a 48 passi; $rgb-LabCh^*$ tavole

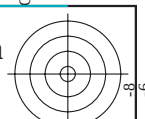
immettere: $rgb/cmyk \rightarrow rgb_e$
uscita: trasferire a $cmyk_e$

TUB iscrizione: 20130201-QI15/QI15L0NA.TXT /.PS
la domanda per la misura uscita nella stampa di offset, separazione cmyn6 (CMYK)
TUB materiale: code=rha4ta



TUB iscrizione: 20130201-QI15/QI15L0NA.TXT /.PS
- la domanda per la misura uscita nella stampa di offset,

TUB materiale: code=rha4ta
one cmvyn6 (CMYK)



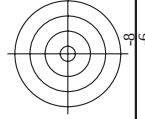
<http://130.149.60.45/~farbmatrik/QI15/Q115LONA.TXT> /PS; uscita di trasferimento N: nessun 3D-linearizzazione (OL) nel file (F) o PS-startup (S), pagina 18/33

grafico TUB-QI15; codice di tinte: H*_e=R50Y_e

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

[illegible]

-vedere dei file simili: <http://130.149.60.45/~farbmetrik/QI15/QI15.HTM>
informazioni tecniche: <http://www.ps.bam.de> o <http://130.149.60.45/~farbmetrik>



http://130.149.60.45/~farbmetrik/QI15/QI15L0NA.TXT /.PS; uscita di trasferimento
N: nessun 3D-linearizzazione (OL) nel file (F) o PS-startup (S), pagina 19/33

n/f	HC*Fe	rgb_1e	ic*_1e	hs*_1e	rgb*Fe	LabCH*Fe	rgb*Fe	LabCH*Fe	DF*Fe	hs*Me	rgb*Me	LabCH*Me	719	719	25.4
0/648	R25Y_100_100e	1.0	0.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	47.6	64.9	30.9
1/666	R25Y_100_100e	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	51.5	54.2	47.2
2/684	R50Y_100_100e	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	60.3	35.6	59.0
3/702	R75Y_100_100e	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	70.4	17.0	74.1
4/720	Y00C_100_100e	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	82.9	87.8	87.9
5/738	Y25C_100_100e	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	82.9	87.8	87.9
6/756	Y50C_100_100e	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	82.9	87.8	87.9
7/774	Y75C_100_100e	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	82.9	87.8	87.9
8/792	G00B_100_100e	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	65.8	-41.4	54.4
9/792	G00B_100_100e	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	65.8	-41.4	54.4
10/76	G25B_100_100e	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	52.4	-67.1	21.5
11/80	G50B_100_100e	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	52.4	-67.1	21.5
12/84	G75B_100_100e	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	52.4	-67.1	21.5
13/8	B00M_100_100e	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	37.9	1.3	-45.4
14/332	B25R_100_100e	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	37.9	1.3	-45.4
15/652	B50R_100_100e	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	37.9	1.3	-45.4
16/652	B75R_100_100e	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	37.9	1.3	-45.4
17/648	R00Y_100_100e	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	49.2	-30.0	57.7
18/688	R00Y_100_100e	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	49.2	-30.0	57.7
19/706	R50Y_100_100e	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	60.3	35.6	59.0
20/724	Y00C_100_100e	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	82.9	87.8	87.9
21/742	Y25C_100_100e	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	82.9	87.8	87.9
22/400	G00B_100_100e	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	65.8	-41.4	54.4
23/468	B00M_100_100e	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	37.9	1.3	-45.4
24/652	B25R_100_100e	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	37.9	1.3	-45.4
25/692	B50R_100_100e	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	37.9	1.3	-45.4
26/688	R00Y_100_100e	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	49.2	-30.0	57.7
27/506	R00Y_100_100e	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	49.2	-30.0	57.7
28/524	R50Y_100_100e	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	60.3	35.6	59.0
29/542	Y00C_100_100e	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	82.9	87.8	87.9
30/218	G00B_100_100e	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	65.8	-41.4	54.4
31/218	G00B_100_100e	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	65.8	-41.4	54.4
32/222	G00B_100_100e	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	65.8	-41.4	54.4
33/186	B00R_100_100e	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	37.9	1.3	-45.4
34/510	B50R_100_100e	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	37.9	1.3	-45.4
35/506	R00Y_100_100e	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	49.2	-30.0	57.7
36/324	R00Y_100_100e	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	49.2	-30.0	57.7
37/342	R50Y_100_100e	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	60.3	35.6	59.0
38/360	Y00C_100_100e	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	82.9	87.8	87.9
39/198	Y50C_100_100e	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	82.9	87.8	87.9
40/36	G00B_100_100e	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	65.8	-41.4	54.4
41/40	G50B_100_100e	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	65.8	-41.4	54.4
42/4	B00R_100_100e	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	37.9	1.3	-45.4
43/328	B50R_100_100e	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	37.9	1.3	-45.4
44/324	R00Y_100_100e	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	49.2	-30.0	57.7
45/0	NW_100e	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	95.4	0.0	0.0
46/91	NW_013e	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	95.4	0.0	0.0
47/182	NW_025e	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	95.4	0.0	0.0
48/273	NW_038e	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	95.4	0.0	0.0
49/364	NW_050e	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	95.4	0.0	0.0
50/455	NW_063e	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	95.4	0.0	0.0
51/66	NW_075e	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	95.4	0.0	0.0
52/66	NW_088e	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	95.4	0.0	0.0
53/728	NW_100e	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	95.4	0.0	0.0

delta E* = 12.3

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

grafico TUB-QI15; codice di tinte: H*e=R50Ye
colori e la differenza, ΔE*

QI150-7N, 1933-F

4-0131830-F0



http://130.149.60.45/~farbmetrik/QI15/QI15L0NA.TXT /PS; uscita di trasferimento N: nessun 3D-linearizzazione (OL) nel file (F) o PS-startup (S), pagina 20/33									
N	H	C	M	Y	K	L	a	b	s
1	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
3	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
4	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
5	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
6	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
7	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
8	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
9	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
10	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
11	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
12	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
13	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
14	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
15	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
16	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
17	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
18	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
19	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
20	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
21	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
22	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
23	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
24	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
25	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
26	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
27	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
28	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
29	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
30	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
31	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
32	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
33	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
34	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
35	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
36	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
37	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
38	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
39	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
40	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
41	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
42	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
43	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
44	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
45	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
46	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
47	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
48	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
49	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
50	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
51	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
52	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
53	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
54	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
55	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
56	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
57	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
58	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
59	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
60	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
61	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
62	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
63	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
64	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
65	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
66	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
67	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
68	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
69	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
70	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
71	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
72	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
73	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
74	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
75	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
76	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
77	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
78	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
79	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
80	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000



grafico TUB-QI15; codice di tinte: H*=R50Y e
colori e la differenza, ΔE*

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

http://130.149.60.45/~farbmetrik/QI15/QI15L0NA.TXT /PS; uscita di trasferimento
N: nessun 3D-linearizzazione (OL) nel file (F) o PS-startup (S), pagina 24/33

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	LabCh*Fe
324	R0Y0_050_050a	0.5	0.0	0.0	0.5	0.0	0.014	32.4	32.6	35.9	15.4	25.4	34.1	34.6
325	R0Y0_050_050b	0.5	0.0	0.125	0.5	0.0	0.269	32.7	34.4	34.6	5.9	34.6	34.1	35.7
326	R0Y0_050_050c	0.5	0.0	0.25	0.5	0.0	0.5	32.5	35.7	34.6	9.9	36.0	34.6	38.0
327	B61R_050_050a	0.5	0.0	0.375	0.5	0.0	0.5	29.6	30.5	32.1	34.8	30.5	34.9	40.2
328	B40R_062_062a	0.5	0.0	0.5	0.5	0.0	0.5	26.2	24.6	25.8	28.8	31.6	35.0	42.0
329	B40R_062_062b	0.5	0.0	0.625	0.5	0.0	0.625	26.9	25.5	22.8	34.2	31.6	36.5	46.7
330	B34R_087_087a	0.5	0.0	0.75	0.5	0.0	0.75	27.5	26.0	20.3	39.9	30.5	37.5	53.6
331	B23R_100_100a	0.5	0.0	0.875	0.5	0.0	0.875	27.2	26.0	16.5	46.4	30.5	38.1	50.6
332	B23R_100_100b	0.5	0.0	1.0	0.5	0.0	1.0	26.7	26.1	12.6	52.9	30.5	37.8	53.8
333	R0Y0_050_050e	0.5	0.125	0.0	0.5	0.066	0.0	34.6	27.1	23.6	35.9	41.0	40.6	21.7
334	R0Y0_050_050e	0.5	0.125	0.125	0.5	0.124	0.023	38.6	24.0	11.6	26.1	25.4	41.8	23.4
335	R18Y_050_037e	0.5	0.125	0.25	0.5	0.124	0.372	38.8	26.0	1.9	26.1	4.3	40.5	25.1
336	B65R_050_037e	0.5	0.125	0.375	0.5	0.124	0.5	36.8	24.0	5.8	25.2	34.6	41.8	23.4
337	B65R_050_037e	0.5	0.125	0.5	0.5	0.124	0.5	33.8	18.4	11.2	21.6	32.6	41.8	23.4
338	B39R_062_050a	0.5	0.125	0.625	0.5	0.125	0.625	34.5	19.0	19.0	27.0	31.5	41.8	23.4
339	B39R_062_050a	0.5	0.125	0.75	0.5	0.125	0.75	34.7	19.0	26.6	33.2	30.6	41.8	23.4
340	B23R_087_075a	0.5	0.125	0.875	0.5	0.125	0.875	34.2	19.0	34.3	39.7	30.6	41.8	23.4
341	B23R_087_075a	0.5	0.125	1.0	0.5	0.125	1.0	34.5	19.0	41.4	45.8	29.5	41.8	23.4
342	R50Y_050_050a	0.5	0.25	0.0	0.5	0.174	0.0	39.0	17.8	29.5	34.4	58.8	40.5	25.0
343	R31Y_050_037e	0.5	0.25	0.125	0.5	0.174	0.124	41.1	18.0	19.1	26.3	46.6	40.5	25.0
344	R0Y0_050_050e	0.5	0.25	0.25	0.5	0.249	0.302	44.6	16.7	7.7	17.9	25.0	40.5	25.0
345	R0Y0_050_050e	0.5	0.25	0.375	0.5	0.249	0.5	44.5	17.8	2.4	18.0	35.0	40.5	25.0
346	B34R_062_037e	0.5	0.25	0.5	0.5	0.249	0.5	41.4	12.3	15.1	14.9	32.6	40.5	25.0
347	B23R_087_037e	0.5	0.25	0.625	0.5	0.249	0.5	42.0	13.0	7.3	14.9	30.6	40.5	25.0
348	B23R_087_037e	0.5	0.25	0.75	0.5	0.249	0.5	41.6	13.3	22.9	26.4	30.6	40.5	25.0
349	B18R_100_075e	0.5	0.25	0.875	0.5	0.249	0.5	45.1	12.3	35.2	37.1	28.9	40.5	25.0
350	B18R_100_075e	0.5	0.25	1.0	0.5	0.249	0.5	45.1	12.3	35.2	37.1	28.9	40.5	25.0
351	R65Y_050_050a	0.5	0.375	0.0	0.5	0.281	0.0	44.0	8.1	36.1	37.0	76.7	40.5	25.0
352	R65Y_050_050a	0.5	0.375	0.125	0.5	0.311	0.124	45.9	8.6	25.2	26.7	71.1	40.5	25.0
353	R0Y0_050_050e	0.5	0.375	0.25	0.5	0.337	0.249	47.8	8.9	14.7	17.9	58.8	40.5	25.0
354	R0Y0_050_050e	0.5	0.375	0.375	0.5	0.337	0.5	50.6	8.1	3.8	8.9	25.4	40.5	25.0
355	B23R_062_012a	0.5	0.375	0.5	0.5	0.337	0.5	49.1	6.6	11.4	13.2	30.6	40.5	25.0
356	B23R_062_012a	0.5	0.375	0.625	0.5	0.337	0.625	49.1	6.6	11.4	13.2	30.6	40.5	25.0
357	B18R_087_037e	0.5	0.375	0.75	0.5	0.337	0.75	51.0	6.3	17.6	18.1	28.9	40.5	25.0
358	B18R_087_037e	0.5	0.375	0.875	0.5	0.337	0.875	53.7	6.2	23.2	24.1	28.9	40.5	25.0
359	B00C_100_062a	0.5	0.375	1.0	0.5	0.337	1.0	56.4	6.2	28.8	29.4	28.9	40.5	25.0
360	Y00C_050_050a	0.5	0.5	0.0	0.5	0.42	0.0	50.3	1.7	43.9	43.9	92.3	40.5	25.0
361	Y00C_050_037e	0.5	0.5	0.125	0.5	0.44	0.124	51.8	1.8	32.9	32.9	92.3	40.5	25.0
362	Y00C_050_037e	0.5	0.5	0.25	0.5	0.46	0.249	53.4	1.8	21.9	21.9	92.3	40.5	25.0
363	Y00C_050_012a	0.5	0.5	0.375	0.5	0.48	0.375	55.0	1.8	10.9	10.9	92.3	40.5	25.0
364	NW_050a	0.5	0.5	0.5	0.5	0.5	0.5	56.5	0.0	0.0	0.0	92.3	40.5	25.0
365	B00R_062_012a	0.5	0.625	0.0	0.5	0.546	0.025	61.1	0.1	5.6	5.6	271.7	40.5	25.0
366	B00R_062_012a	0.5	0.625	0.125	0.5	0.593	0.125	61.6	0.1	11.3	11.3	271.7	40.5	25.0
367	B00R_062_012a	0.5	0.625	0.25	0.5	0.64	0.25	64.1	0.5	17.0	17.0	271.7	40.5	25.0
368	B00R_100_050a	0.5	0.5	0.0	0.5	0.687	0.0	66.7	0.6	22.7	22.7	271.7	40.5	25.0
369	Y18C_062_062a	0.5	0.625	0.0	0.5	0.625	0.0	57.1	13.6	50.4	52.2	100.6	40.5	25.0
370	Y23C_062_050a	0.5	0.625	0.125	0.5	0.643	0.125	57.0	13.6	37.9	40.0	108.6	40.5	25.0
371	Y31G_062_037e	0.5	0.625	0.25	0.5	0.643	0.25	58.0	11.5	25.2	27.7	114.4	40.5	25.0
372	Y50G_062_025e	0.5	0.625	0.375	0.5	0.656	0.375	58.8	10.0	13.6	17.0	127.2	40.5	25.0
373	G00B_062_012a	0.5	0.625	0.5	0.5	0.625	0.5	60.9	8.3	8.8	16.2	6.8	40.5	25.0
374	G50B_062_012a	0.5	0.625	0.625	0.5	0.625	0.625	61.4	4.9	3.7	6.2	16.2	40.5	25.0
375	G75B_075_025e	0.5	0.625	0.75	0.5	0.696	0.75	65.3	5.2	11.0	12.2	24.4	40.5	25.0
376	G84B_087_037e	0.5	0.625	0.875	0.5	0.725	0.875	67.5	4.6	16.7	17.3	25.4	40.5	25.0
377	G88B_100_050a	0.5	0.625	1.0	0.5	0.771	1.0	69.9	4.3	22.4	22.9	25.8	40.5	25.0
378	X36C_075_075e	0.5	0.75	0.0	0.5	0.807	0.0	69.4	23.0	50.5	55.5	114.4	40.5	25.0
379	X36C_075_075e	0.5	0.75	0.125	0.5	0.836	0.125	69.5	21.5	38.6	44.2	119.1	40.5	25.0
380	X36C_075_075e	0.5	0.75	0.25	0.5	0.844	0.25	69.5	21.5	38.6	44.2	119.1	40.5	25.0
381	X36C_075_075e	0.5	0.75	0.375	0.5	0.844	0.375	69.5	21.5	38.6	44.2	119.1	40.5	25.0
382	G00B_075_025e	0.5	0.75	0.5	0.5	0.75	0.5	65.2	16.7	5.3	17.6	16.2	40.5	25.0
383	G25B_075_025e	0.5	0.75	0.625	0.5	0.75	0.625	65.8	13.3	2.2	13.4	18.9	40.5	25.0
384	G50B_075_025e	0.5	0.75	0.75	0.5	0.75	0.75	66.3	11.4	12.4	12.4	16.9	40.5	25.0
385	G50B_075_025e	0.5	0.75	0.875	0.5	0.75	0.875	66.3	11.4	15.9	19.5	23.4	40.5	25.0
386	G75B_100_050a	0.5	0.75	1.0	0.5	0.882	1.0	69.9	11.4	22.0	24.4	24.4	40.5	25.0
387	Y41G_087_087e	0.5	0.875	0.0	0.5	0.882	0.0	62.9	31.6	51.8	60.7	127.2	40.5	25.0
388	Y50C_087_050a	0.5	0.875	0.125	0.5	0.882	0.125	63.5	30.0	40.8	51.2	127.2	40.5	25.0
389	Y61G_087_062a	0.5	0.875	0.25	0.5	0.882	0.25	64.0	30.0	29.6	42.2	135.4	40.5	25.0
390	Y76C_087_037e	0.5	0.875	0.375	0.5	0.882	0.375	66.4	28.1	19.0	34.0	145.2	40.5	25.0
391	G00B_087_037e	0.5	0.875	0.5	0.5	0.882	0.5	69.6	25.1	8.0	26.4	16.9	40.5	25.0
392	G13B_087_037e	0.5	0.875	0.625	0.5	0.882	0.625	70.1	21.6	19.5	17.6	16.9	40.5	25.0
393	G34B_087_037e	0.5	0.875	0.75	0.5	0.882	0.75	70.1	18.1	6.4	19.2	19.5	40.5	25.0
394	G34B_087_037e	0.5	0.875	0.875	0.5	0.882	0.875	71.2	14.9	11.2	18.6	16.9	40.5	25.0
395	G61B_100_050a	0.5	0.875	1.0	0.5	0.954	1.0	70.6	16.5	19.5	25.6	22.9	40.5	25.0
396	Y50C_100_050a	0.5	0.875	0.0	0.5	0.954	0.0	65.8	41.4	54.4	68.3	137.0	40.5	25.0
397	Y50C_100_050a	0.5	0.875	0.125	0.5	0.954	0.125	66.2	40.0	43.3	59.3	137.0	40.5	25.0
398	Y68C_100_075e	0.5	0.875	0.25	0.5	0.954	0.25	68.1	38.8	32.4	50.6	149.4	40.5	25.0
399	Y81G_100_062a	0.5	0.875	0.375	0.5	0.954	0.375	70.4	37.5	22.2	43.6	149.4	40.5	25.0
400	G00B_100_050a	0.5	0.875	0.5	0.5	0.954	0.5	73.9	33.5	10.7	35.2	175.0	40.5	25.0
401	G11B_100_050a	0.5	0.875	0.625	0.5	0.954	0.625	74.5	30.1	2.6	30.2	175.0	40.5	25.0
402	G25B_100_050a	0.5	0.875	0.75	0.5	0.954	0.75	75.0	26.6	4.4	26.9	189.6	40.5	25.0
403	G38B_100_050a	0.5	0.875	0.875	0.5	0.954	0.875	75.5	23.0	10.3	25.2	204.2	40.5	25.0
404	G50B_100_050a	0.5	0.875	1.0	0.5	0.954	1.0	76.0	19.8	14.9	24.9	216.9	40.5	25.0

Q150-7N, 24/33-F

grafico TUB-Q115; codice di tinte: H*e=R50Ye
colori e la differenza, ΔE*

4-0132330-F0

4-0132330-F0

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



TUB iscrizione: 20130201-QI15/QI15L0NA.TXT /.PS
la domanda per la misura uscita nella stampa di offset,

TUB materiale: code=rha4ta
one cmyn6 (CMYK)

la domanda per la misura uscita nella stampa di offset, separazione cmyk6 (CMYK)

http://130.149.60.45/~farbmatrik/QI15/QI15L0NA.TXT /PS; uscita di trasferimento
N: nessun 3D-linearizzazione (OL) nel file (F) o PS-startup (S), pagina 30/33

N: nessun 3D-linearizzazione (OL) nel file (F) o PS-startup (S), pagina 30/33

n	HIC ^{Fe}	rgb_re	lcr_re	h_{α_re}	rgb^{*Fe}	$LabCh^{*Fe}$	$LabCh^{*Fe}_{\alpha}$	h_{α}^{*Fe}	DE^{*Fe}_{α}	rgb^{*Fe}_{α}	$LabCh^{*Fe}_{\alpha}$	h_{α}^{*Fe}
810	NW_100k	1.0	1.0	360	0.0	95.4	0.0	0.0	0.0	0.0	0.0	0.0
811	B00R_100_012e	0.875	0.875	270	0.875	0.921	1.0	0.0	0.0	0.0	0.0	0.0
812	B00R_100_025e	0.75	0.75	270	0.625	0.843	1.0	0.0	0.0	0.0	0.0	0.0
813	B00R_100_037e	0.625	0.625	1.0	0.5	0.765	1.0	0.0	0.0	0.0	0.0	0.0
814	B00R_100_050e	0.5	0.5	270	0.5	0.689	1.0	0.0	0.0	0.0	0.0	0.0
815	B00R_100_062e	0.375	0.375	1.0	0.375	0.562	0.875	0.0	0.0	0.0	0.0	0.0
816	B00R_100_075e	0.25	0.25	270	0.25	0.531	1.0	0.0	0.0	0.0	0.0	0.0
817	B00R_100_087e	0.125	0.125	1.0	0.125	0.452	1.0	0.0	0.0	0.0	0.0	0.0
818	B00R_100_100e	0.0	0.0	270	0.0	0.374	1.0	0.0	0.0	0.0	0.0	0.0
819	B00R_100_012e	1.0	1.0	360	1.0	0.98	0.875	0.39	-0.4	1.0	0.875	0.98
820	NW_087e	0.875	0.875	0.875	0.875	0.875	0.875	0.85	0.0	0.0	0.0	0.0
821	B00R_087_012e	0.75	0.75	360	0.875	0.796	0.875	0.85	0.0	0.0	0.0	0.0
822	B00R_087_025e	0.625	0.625	270	0.625	0.718	0.875	0.85	0.0	0.0	0.0	0.0
823	B00R_087_037e	0.5	0.5	270	0.625	0.64	0.875	0.85	0.0	0.0	0.0	0.0
824	B00R_087_050e	0.375	0.375	1.0	0.375	0.562	0.875	0.85	0.0	0.0	0.0	0.0
825	B00R_087_062e	0.25	0.25	270	0.375	0.484	0.875	0.85	0.0	0.0	0.0	0.0
826	B00R_087_075e	0.125	0.125	270	0.125	0.406	0.875	0.85	0.0	0.0	0.0	0.0
827	B00R_087_087e	0.0	0.0	270	0.0	0.327	0.875	0.85	0.0	0.0	0.0	0.0
828	Y00G_100_012e	1.0	1.0	360	1.0	0.96	0.875	0.85	0.0	0.0	0.0	0.0
829	Y00G_100_025e	0.875	0.875	270	0.875	0.855	0.875	0.85	0.0	0.0	0.0	0.0
830	NW_075e	0.75	0.75	360	0.75	0.75	0.875	0.85	0.0	0.0	0.0	0.0
831	B00R_075_012e	0.625	0.625	270	0.625	0.671	0.875	0.85	0.0	0.0	0.0	0.0
832	B00R_075_025e	0.5	0.5	270	0.625	0.593	0.875	0.85	0.0	0.0	0.0	0.0
833	B00R_075_037e	0.375	0.375	1.0	0.375	0.515	0.875	0.85	0.0	0.0	0.0	0.0
834	B00R_075_050e	0.25	0.25	270	0.25	0.437	0.875	0.85	0.0	0.0	0.0	0.0
835	B00R_075_062e	0.125	0.125	270	0.125	0.359	0.875	0.85	0.0	0.0	0.0	0.0
836	B00R_075_075e	0.0	0.0	270	0.0	0.28	0.875	0.85	0.0	0.0	0.0	0.0
837	Y00G_100_012e	1.0	1.0	360	1.0	0.94	0.875	0.85	0.0	0.0	0.0	0.0
838	Y00G_100_025e	0.875	0.875	270	0.875	0.835	0.875	0.85	0.0	0.0	0.0	0.0
839	Y00G_100_037e	0.75	0.75	360	0.75	0.73	0.875	0.85	0.0	0.0	0.0	0.0
840	NW_062e	0.625	0.625	360	0.625	0.625	0.875	0.85	0.0	0.0	0.0	0.0
841	B00R_062_012e	0.5	0.5	360	0.625	0.546	0.875	0.85	0.0	0.0	0.0	0.0
842	B00R_062_025e	0.375	0.375	270	0.375	0.468	0.875	0.85	0.0	0.0	0.0	0.0
843	B00R_062_037e	0.25	0.25	270	0.25	0.39	0.875	0.85	0.0	0.0	0.0	0.0
844	B00R_062_050e	0.125	0.125	270	0.125	0.312	0.875	0.85	0.0	0.0	0.0	0.0
845	B00R_062_062e	0.0	0.0	270	0.0	0.234	0.875	0.85	0.0	0.0	0.0	0.0
846	Y00G_100_062e	1.0	1.0	360	1.0	0.92	0.5	0.0	0.0	0.0	0.0	0.0
847	Y00G_087_037e	0.875	0.875	0.875	0.875	0.815	0.5	0.0	0.0	0.0	0.0	0.0
848	Y00G_087_050e	0.75	0.75	360	0.875	0.71	0.5	0.0	0.0	0.0	0.0	0.0
849	NW_050k	0.5	0.5	360	0.625	0.605	0.5	0.0	0.0	0.0	0.0	0.0
850	NW_050k	0.5	0.5	360	0.5	0.5	0.5	0.0	0.0	0.0	0.0	0.0
851	B00R_050_012e	0.375	0.375	270	0.375	0.421	0.5	0.0	0.0	0.0	0.0	0.0
852	B00R_050_025e	0.25	0.25	270	0.249	0.343	0.5	0.0	0.0	0.0	0.0	0.0
853	B00R_050_037e	0.125	0.125	270	0.124	0.265	0.5	0.0	0.0	0.0	0.0	0.0
854	B00R_050_050e	0.0	0.0	270	0.0	0.187	0.5	0.0	0.0	0.0	0.0	0.0
855	Y00G_100_062e	1.0	1.0	360	1.0	0.901	0.375	0.76	-2.2	54.8	0.375	0.901
856	Y00G_087_050e	0.875	0.875	0.875	0.875	0.795	0.375	0.76	-1.7	43.9	0.875	0.795
857	Y00G_087_037e	0.75	0.75	360	0.75	0.69	0.375	0.76	-1.3	32.9	0.75	0.69
858	Y00G_062_025e	0.625	0.625	270	0.625	0.585	0.375	0.76	-0.8	21.9	0.625	0.585
859	Y00G_050_012e	0.5	0.5	360	0.5	0.48	0.375	0.76	-0.4	10.9	0.5	0.48
860	NW_037e	0.375	0.375	360	0.375	0.375	0.375	0.46	0.0	0.0	0.0	0.0
861	B00R_037_012e	0.25	0.25	270	0.249	0.296	0.375	0.39	0.1	-5.6	0.25	0.296
862	B00R_037_025e	0.125	0.125	270	0.124	0.218	0.375	0.32	0.3	-11.3	0.125	0.218
863	B00R_037_037e	0.0	0.0	270	0.0	0.14	0.375	0.25	0.5	-17.0	0.0	0.14
864	Y00G_100_075e	1.0	1.0	360	1.0	0.881	0.25	0.86	-2.6	65.9	0.881	0.881
865	Y00G_087_062e	0.875	0.875	270	0.875	0.776	0.25	0.79	-2.2	54.8	0.875	0.776
866	Y00G_087_050e	0.75	0.75	360	0.75	0.67	0.25	0.79	-1.7	43.9	0.75	0.67
867	Y00G_062_037e	0.625	0.625	270	0.625	0.565	0.25	0.79	-1.3	32.9	0.625	0.565
868	Y00G_050_025e	0.5	0.5	360	0.5	0.46	0.249	0.79	-0.8	21.9	0.5	0.46
869	Y00G_037_012e	0.375	0.375	270	0.375	0.355	0.249	0.79	-0.4	10.9	0.375	0.355
870	NW_102k	0.25	0.25	360	0.124	0.275	0.25	0.71	0.0	0.0	0.0	0.124
871	B00R_025_012e	0.125	0.125	270	0.124	0.193	0.25	0.71	0.1	-3.6	0.125	0.193
872	B00R_025_025e	0.0	0.0	270	0.0	0.083	0.25	0.71	0.1	-3.6	0.0	0.083
873	B00R_025_037e	0.0	0.0	270	0.0	0.065	0.25	0.71	0.1	-3.6	0.0	0.065
874	Y00G_087_050e	0.875	0.875	0.875	0.875	0.795	0.125	0.85	-2.1	65.9	0.875	0.795
875	Y00G_087_062e	0.75	0.75	360	0.875	0.765	0.125	0.85	-1.7	43.9	0.75	0.765
876	Y00G_062_050e	0.625	0.625	270	0.625	0.545	0.125	0.85	-1.3	32.9	0.625	0.545
877	Y00G_050_037e	0.5	0.5	360	0.5	0.44	0.124	0.85	-1.3	32.9	0.5	0.44
878	Y00G_037_025e	0.375	0.375	270	0.375	0.335	0.124	0.85	-0.8	21.9	0.375	0.335
879	Y00G_025_012e	0.25	0.25	270	0.25	0.23	0.124	0.85	-0.4	10.9	0.25	0.23
880	NW_012k	0.125	0.125	360	0.125	0.125	0.125	0.85	0.0	0.0	0.0	0.125
881	B00R_012_012e	0.0	0.0	360	0.0	0.046	0.125	0.85	0.0	0.0	0.0	0.046
882	Y00G_100_087e	1.0	1.0	360	1.0	0.841	0.0	0.829	0.0	0.0	0.0	0.841
883	Y00G_100_087e	0.875	0.875	270	0.875	0.736	0.0	0.829	0.0	0.0	0.0	0.736
884	Y00G_075_075e	0.75	0.75	360	0.625	0.631	0.0	0.829	0.0	0.0	0.0	0.631
885	Y00G_062_062e	0.625	0.625	270	0.625	0.526	0.0	0.829	0.0	0.0	0.0	0.526
886	Y00G_050_050e	0.5	0.5	360	0.5	0.42	0.0	0.829	0.0	0.0	0.0	0.42
887	Y00G_037_037e	0.375	0.375	270	0.375	0.315	0.0	0.829	0.0	0.0	0.0	0.315
888	Y00G_025_025e	0.25	0.25	270	0.25	0.21	0.0	0.829	0.0	0.0	0.0	0.21
889	Y00G_012_012e	0.125	0.125	360	0.125	0.105	0.0	0.829	0.0	0.0	0.0	0.105
890	NW_000k	0.0	0.0	360	0.0	0.0	0.0	0.829	0.0	0.0	0.0	0.0

O150-7N 30/33-F

grafico TUB-QI15; codice di tinte: H^{*}_e=R50Y_e

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

uscita: trasferire a cmyk_e

$$| \tan E^* | = 11.3$$

http://130.149.60.45/~farbmatrik/QI15/QI15L0NA.TXT /.PS; uscita di trasferimento
N: nessun 3D-linearizzazione (OL) nel file (F) o PS-startup (S), pagina 31/33

n	H*CH*Fe	rgb*Fe	ic*Fe	hs*Fe	LabCH*Fe	rgb*Fe	LabCH*Fe	DF*Fe	hs*Fe	rgb*Fe	LabCH*Fe
891	NW_100e	1.0	1.0	360	95.4	1.0	95.4	0.0	139.6	1.0	95.4
892	B50R_100.012e	1.0	0.125	0.937	87.9	1.0	87.9	0.0	342.7	1.0	87.9
893	B50R_100.025e	1.0	0.25	0.875	80.3	1.0	80.3	0.0	342.7	1.0	80.3
894	B50R_100.037e	1.0	0.375	0.812	72.7	1.0	72.7	0.0	342.7	1.0	72.7
895	B50R_100.050e	1.0	0.5	0.75	65.1	1.0	65.1	0.0	342.7	1.0	65.1
896	B50R_100.062e	1.0	0.625	0.687	57.5	1.0	57.5	0.0	342.7	1.0	57.5
897	B50R_100.075e	1.0	0.75	0.625	50.0	1.0	50.0	0.0	342.7	1.0	50.0
898	B50R_100.087e	1.0	0.875	0.562	42.4	1.0	42.4	0.0	342.7	1.0	42.4
899	B50R_100.100e	1.0	1.0	0.5	34.8	1.0	34.8	0.0	342.7	1.0	34.8
900	GOB_100.012e	0.875	1.0	0.125	95.4	0.875	95.4	0.0	342.7	0.875	95.4
901	NW_087e	0.875	0.875	360	87.9	0.875	87.9	0.0	342.7	0.875	87.9
902	B50R_087.012e	0.875	0.125	0.812	80.3	0.875	80.3	0.0	342.7	0.875	80.3
903	B50R_087.025e	0.875	0.25	0.75	72.7	0.875	72.7	0.0	342.7	0.875	72.7
904	B50R_087.037e	0.875	0.375	0.687	65.1	0.875	65.1	0.0	342.7	0.875	65.1
905	B50R_087.050e	0.875	0.5	0.625	57.5	0.875	57.5	0.0	342.7	0.875	57.5
906	B50R_087.062e	0.875	0.625	0.562	50.0	0.875	50.0	0.0	342.7	0.875	50.0
907	B50R_087.075e	0.875	0.75	0.5	42.4	0.875	42.4	0.0	342.7	0.875	42.4
908	B50R_087.087e	0.875	0.875	0.437	34.8	0.875	34.8	0.0	342.7	0.875	34.8
909	GOB_100.025e	0.75	1.0	0.25	95.4	0.75	95.4	0.0	342.7	0.75	95.4
910	GOB_100.037e	0.75	0.875	0.125	87.9	0.75	87.9	0.0	342.7	0.75	87.9
911	NW_075e	0.75	0.75	360	80.3	0.75	80.3	0.0	342.7	0.75	80.3
912	B50R_075.012e	0.75	0.125	0.687	72.7	0.75	72.7	0.0	342.7	0.75	72.7
913	B50R_075.025e	0.75	0.25	0.625	65.1	0.75	65.1	0.0	342.7	0.75	65.1
914	B50R_075.037e	0.75	0.375	0.562	57.5	0.75	57.5	0.0	342.7	0.75	57.5
915	B50R_075.050e	0.75	0.5	0.5	50.0	0.75	50.0	0.0	342.7	0.75	50.0
916	B50R_075.062e	0.75	0.625	0.437	42.4	0.75	42.4	0.0	342.7	0.75	42.4
917	B50R_075.075e	0.75	0.75	0.375	34.8	0.75	34.8	0.0	342.7	0.75	34.8
918	GOB_100.037e	0.625	1.0	0.375	95.4	0.625	95.4	0.0	342.7	0.625	95.4
919	GOB_100.050e	0.625	0.875	0.25	87.9	0.625	87.9	0.0	342.7	0.625	87.9
920	GOB_075.012e	0.625	0.625	360	80.3	0.625	80.3	0.0	342.7	0.625	80.3
921	B50R_062.012e	0.625	0.125	0.562	72.7	0.625	72.7	0.0	342.7	0.625	72.7
922	B50R_062.025e	0.625	0.25	0.5	65.1	0.625	65.1	0.0	342.7	0.625	65.1
923	B50R_062.037e	0.625	0.375	0.437	57.5	0.625	57.5	0.0	342.7	0.625	57.5
924	B50R_062.050e	0.625	0.5	0.375	50.0	0.625	50.0	0.0	342.7	0.625	50.0
925	B50R_062.062e	0.625	0.625	0.312	42.4	0.625	42.4	0.0	342.7	0.625	42.4
926	GOB_100.050e	0.5	1.0	0.5	95.4	0.5	95.4	0.0	342.7	0.5	95.4
927	GOB_087.037e	0.5	0.875	0.375	87.9	0.5	87.9	0.0	342.7	0.5	87.9
928	GOB_075.025e	0.5	0.75	0.25	80.3	0.5	80.3	0.0	342.7	0.5	80.3
929	GOB_062.012e	0.5	0.625	0.125	72.7	0.5	72.7	0.0	342.7	0.5	72.7
930	NW_050e	0.5	0.5	360	65.1	0.5	65.1	0.0	342.7	0.5	65.1
931	B50R_050.012e	0.5	0.125	0.437	57.5	0.5	57.5	0.0	342.7	0.5	57.5
932	B50R_050.025e	0.5	0.25	0.375	50.0	0.5	50.0	0.0	342.7	0.5	50.0
933	B50R_050.037e	0.5	0.375	0.312	42.4	0.5	42.4	0.0	342.7	0.5	42.4
934	B50R_050.050e	0.5	0.5	0.25	34.8	0.5	34.8	0.0	342.7	0.5	34.8
935	GOB_100.062e	0.375	1.0	0.625	95.4	0.375	95.4	0.0	342.7	0.375	95.4
936	GOB_087.050e	0.375	0.875	0.5	87.9	0.375	87.9	0.0	342.7	0.375	87.9
937	GOB_087.062e	0.375	0.75	0.437	80.3	0.375	80.3	0.0	342.7	0.375	80.3
938	GOB_062.025e	0.375	0.625	0.375	72.7	0.375	72.7	0.0	342.7	0.375	72.7
939	GOB_062.037e	0.375	0.5	0.312	65.1	0.375	65.1	0.0	342.7	0.375	65.1
940	NW_037e	0.375	0.375	360	65.1	0.375	65.1	0.0	342.7	0.375	65.1
941	B50R_037.012e	0.375	0.125	0.312	57.5	0.375	57.5	0.0	342.7	0.375	57.5
942	B50R_037.025e	0.375	0.25	0.25	50.0	0.375	50.0	0.0	342.7	0.375	50.0
943	B50R_037.037e	0.375	0.375	0.187	42.4	0.375	42.4	0.0	342.7	0.375	42.4
944	GOB_100.075e	0.25	1.0	0.75	95.4	0.25	95.4	0.0	342.7	0.25	95.4
945	GOB_087.062e	0.25	0.875	0.625	87.9	0.25	87.9	0.0	342.7	0.25	87.9
946	GOB_087.075e	0.25	0.75	0.562	80.3	0.25	80.3	0.0	342.7	0.25	80.3
947	GOB_062.037e	0.25	0.625	0.437	72.7	0.25	72.7	0.0	342.7	0.25	72.7
948	GOB_062.050e	0.25	0.5	0.375	65.1	0.25	65.1	0.0	342.7	0.25	65.1
949	GOB_037.012e	0.25	0.375	0.312	57.5	0.25	57.5	0.0	342.7	0.25	57.5
950	NW_025e	0.25	0.25	360	50.0	0.25	50.0	0.0	342.7	0.25	50.0
951	B50R_025.012e	0.25	0.125	0.25	42.4	0.25	42.4	0.0	342.7	0.25	42.4
952	B50R_025.025e	0.25	0.25	0.187	34.8	0.25	34.8	0.0	342.7	0.25	34.8
953	GOB_100.087e	0.125	1.0	0.875	95.4	0.125	95.4	0.0	342.7	0.125	95.4
954	GOB_087.075e	0.125	0.875	0.75	87.9	0.125	87.9	0.0	342.7	0.125	87.9
955	GOB_075.062e	0.125	0.75	0.625	80.3	0.125	80.3	0.0	342.7	0.125	80.3
956	GOB_062.050e	0.125	0.625	0.5	72.7	0.125	72.7	0.0	342.7	0.125	72.7
957	GOB_050.037e	0.125	0.5	0.375	65.1	0.125	65.1	0.0	342.7	0.125	65.1
958	GOB_037.025e	0.125	0.375	0.312	57.5	0.125	57.5	0.0	342.7	0.125	57.5
959	GOB_025.012e	0.125	0.25	0.25	50.0	0.125	50.0	0.0	342.7	0.125	50.0
960	NW_012e	0.125	0.125	360	42.4	0.125	42.4	0.0	342.7	0.125	42.4
961	B50R_012.012e	0.125	0.125	0.187	34.8	0.125	34.8	0.0	342.7	0.125	34.8
962	GOB_100.100e	0.0	1.0	1.0	95.4	0.0	95.4	0.0	342.7	0.0	95.4
963	GOB_087.087e	0.0	0.875	0.875	87.9	0.0	87.9	0.0	342.7	0.0	87.9
964	GOB_075.075e	0.0	0.75	0.75	80.3	0.0	80.3	0.0	342.7	0.0	80.3
965	GOB_062.062e	0.0	0.625	0.625	72.7	0.0	72.7	0.0	342.7	0.0	72.7
966	GOB_050.050e	0.0	0.5	0.5	65.1	0.0	65.1	0.0	342.7	0.0	65.1
967	GOB_037.037e	0.0	0.375	0.375	57.5	0.0	57.5	0.0	342.7	0.0	57.5
968	GOB_025.025e	0.0	0.25	0.25	50.0	0.0	50.0	0.0	342.7	0.0	50.0
969	GOB_012.012e	0.0	0.125	0.125	42.4	0.0	42.4	0.0	342.7	0.0	42.4
970	NW_000e	0.0	0.0	0.0	34.8	0.0	34.8	0.0	342.7	0.0	34.8
971		0.0	0.0	0.0	17.7	0.0	17.7	0.0	342.7	0.0	17.7

Q115-7N, 31/33-F

grafico TUB-Q115; codice di tinte: H*e=R50Y e
colori e la differenza, ΔE*

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

