

Immettere y uscita: Offset Reflective System ORS18a for relative CIELAB hue $h_{ab,a,rel} = h_{ab}/360 = 31/360 = 0.08$

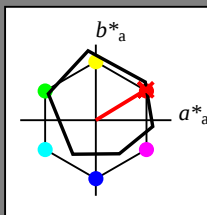
Dati del dispositivo (d) o colori elementari (e):

HIC^*_-

codice di tonalità per i colori questa pagina:

$H^*_- = R00Y_-$

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
Y-,Ma	90.3	-10.2	91.7	92.3
G-,Ma	50.9	-62.8	34.9	71.9
C-,Ma	58.6	-30.3	-45.0	54.2
B-,Ma	25.7	31.0	-44.4	54.2
M-,Ma	48.1	75.2	-8.3	75.7
N-,Ma	18.0	0.0	0.0	0
W-,Ma	95.4	0.0	0.0	0
R-,CIE	39.9	58.7	27.9	65.0
Y-,CIE	81.2	-2.8	71.5	71.6
G-,CIE	52.2	-42.4	13.6	44.5
B-,CIE	30.5	1.4	-46.4	46.4

Il dati per il massimo colore (Ma):

$LabCh^*_{-,Ma}$: 48 66 40 77 31

$HIC^*_{-,Ma}$: R00Y_100_100_

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

1.0 0.0 0.0 1.0 1.0

triangolo chiarezza T^*

%Gamma

$u^*_{rel} = 92$

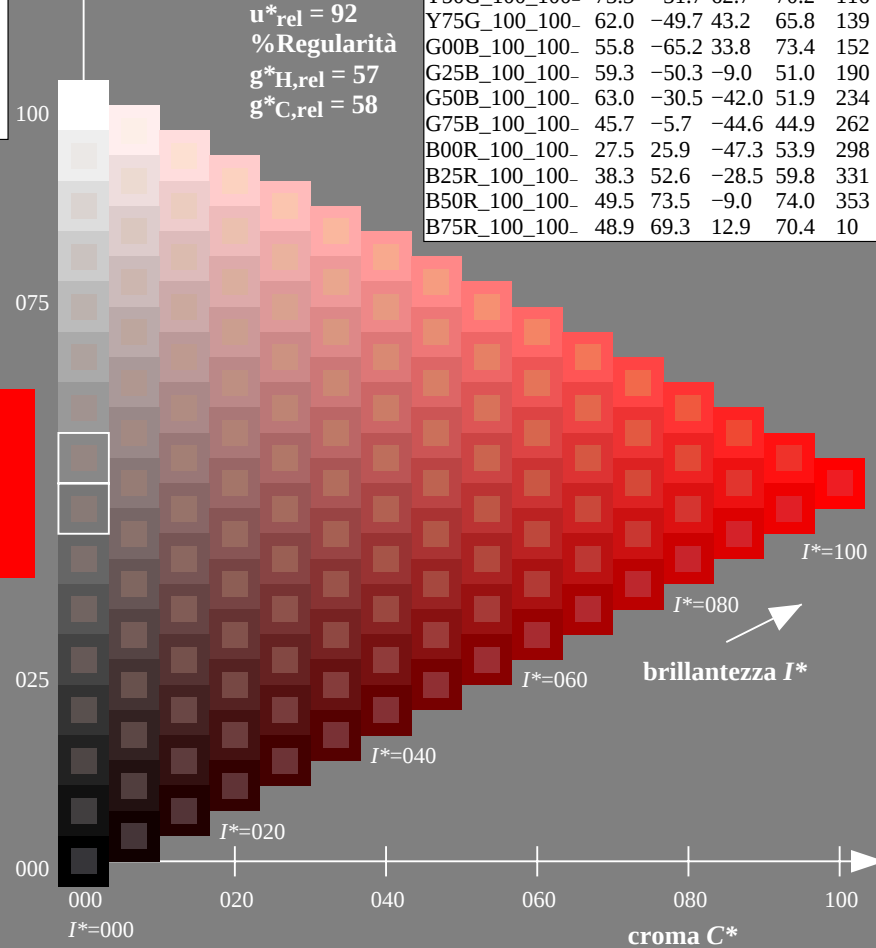
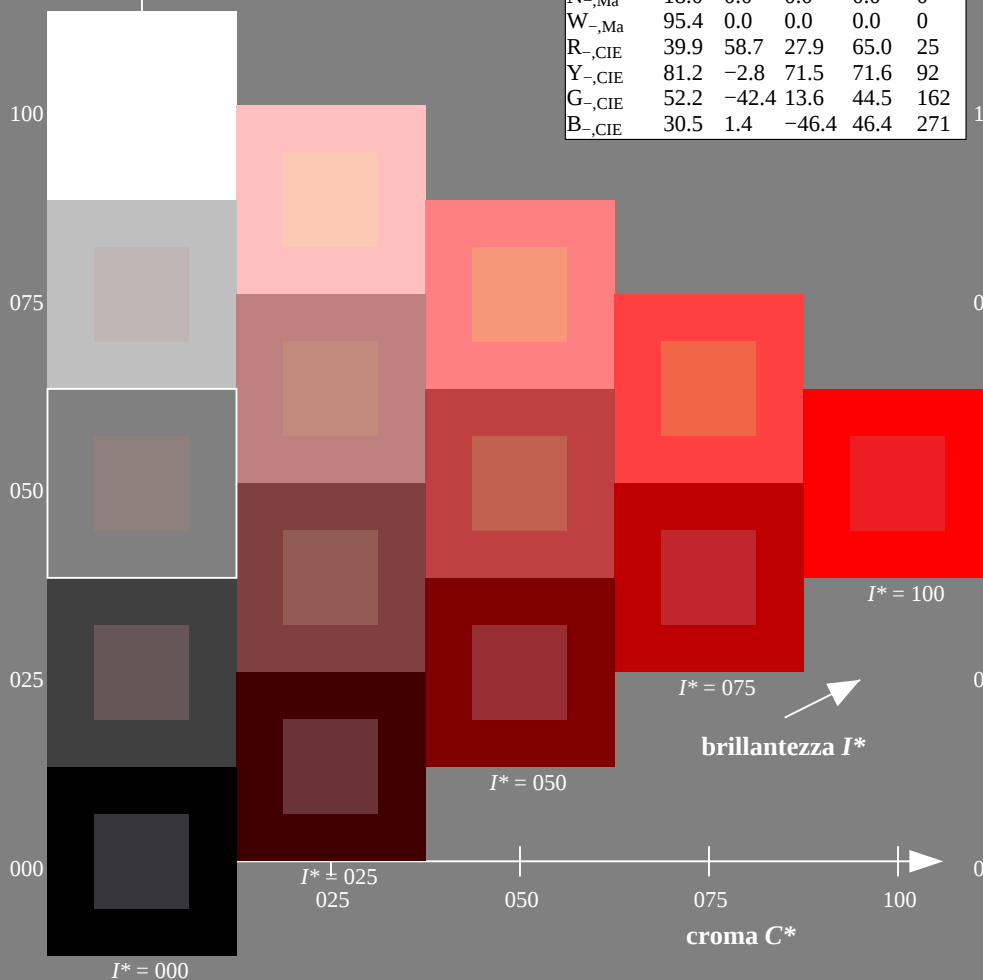
%Regularità

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

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

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
R25Y_100_100_	56.8	48.0	50.5	69.6
R50Y_100_100_	68.6	25.0	63.9	68.6
R75Y_100_100_	80.6	4.8	77.2	77.3
Y00G_100_100_	90.2	-9.6	88.2	88.7
Y25G_100_100_	83.2	-18.4	79.9	81.9
Y50G_100_100_	73.3	-31.7	62.7	70.2
Y75G_100_100_	62.0	-49.7	43.2	65.8
G00B_100_100_	55.8	-65.2	33.8	73.4
G25B_100_100_	59.3	-50.3	-9.0	51.0
G50B_100_100_	63.0	-30.5	-42.0	51.9
G75B_100_100_	45.7	-5.7	-44.6	44.9
B00R_100_100_	27.5	25.9	-47.3	53.9
B25R_100_100_	38.3	52.6	-28.5	59.8
B50R_100_100_	49.5	73.5	-9.0	74.0
B75R_100_100_	48.9	69.3	12.9	70.4



Immettere y uscita: Offset Reflective System ORS18a for relative CIELAB hue $h_{ab,a,rel} = h_{ab}/360 = 25/360 = 0.07$

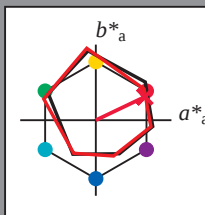
Dati del dispositivo (d) o colori elementari (e):

HIC^*_e

codice di tonalità per i colori questa pagina:

$H^*_e = R00Y_e$

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):

$LabCh^*_{e,Ma}$: 47 64 30 71 25

$HIC^*_{e,Ma}$: R00Y_100_100_e

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

1.0 0.0 0.2 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

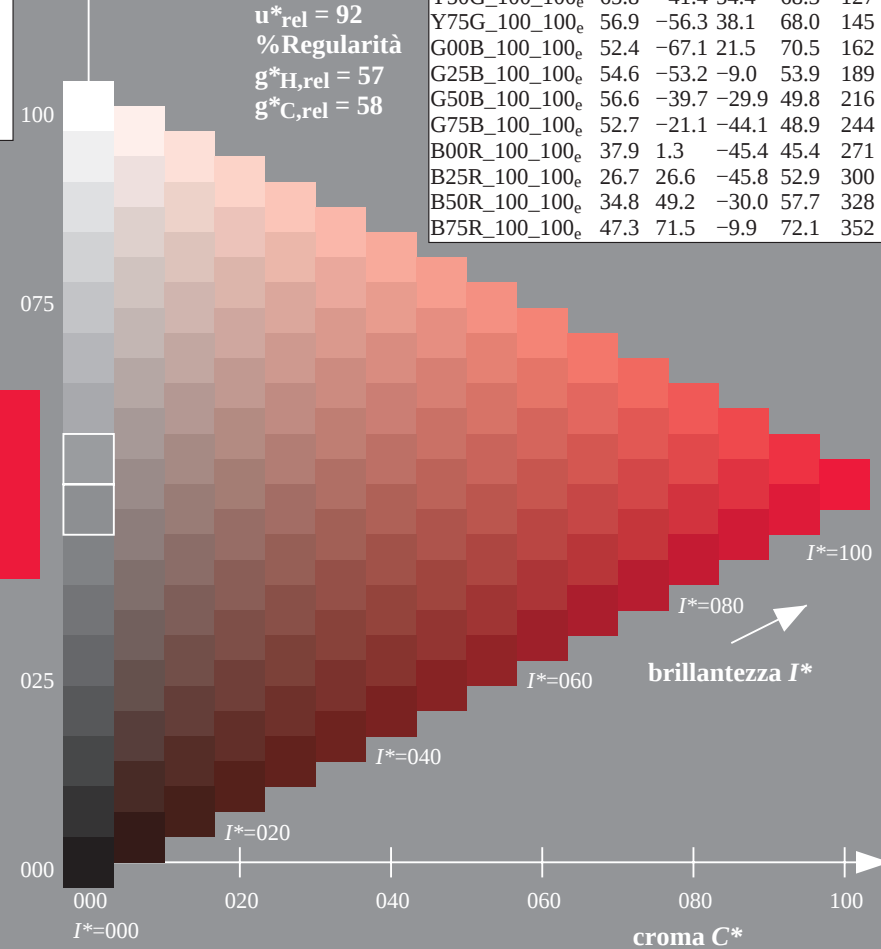
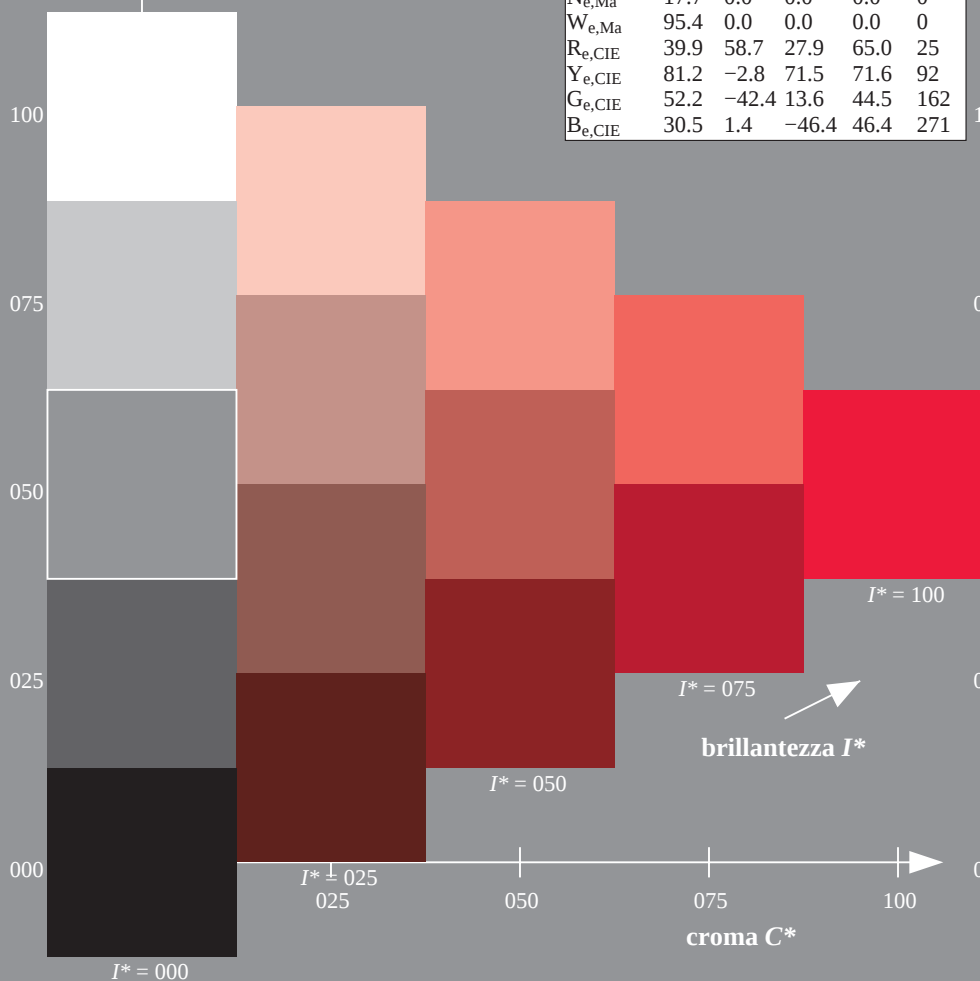
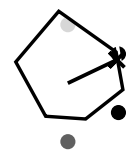
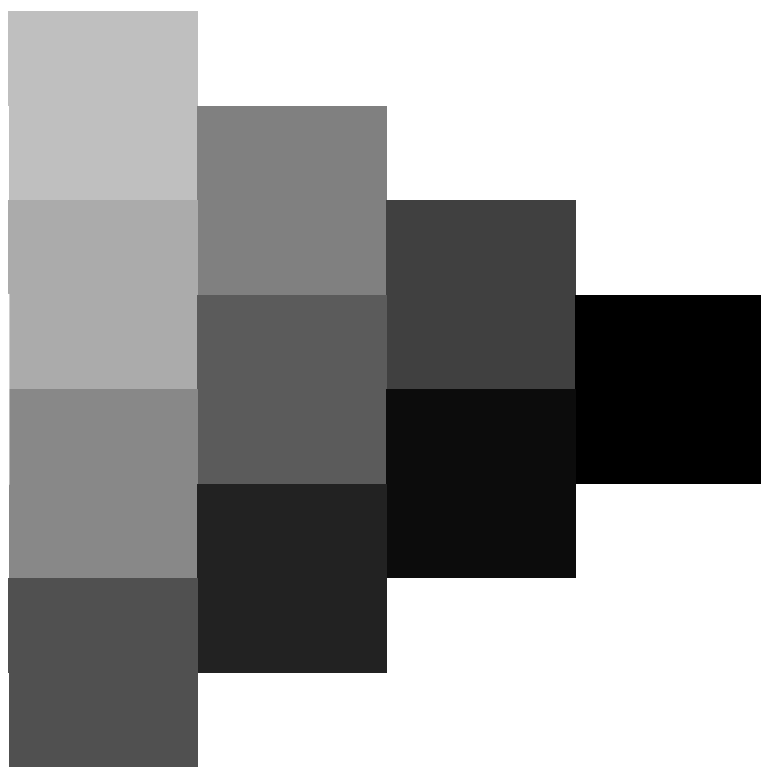
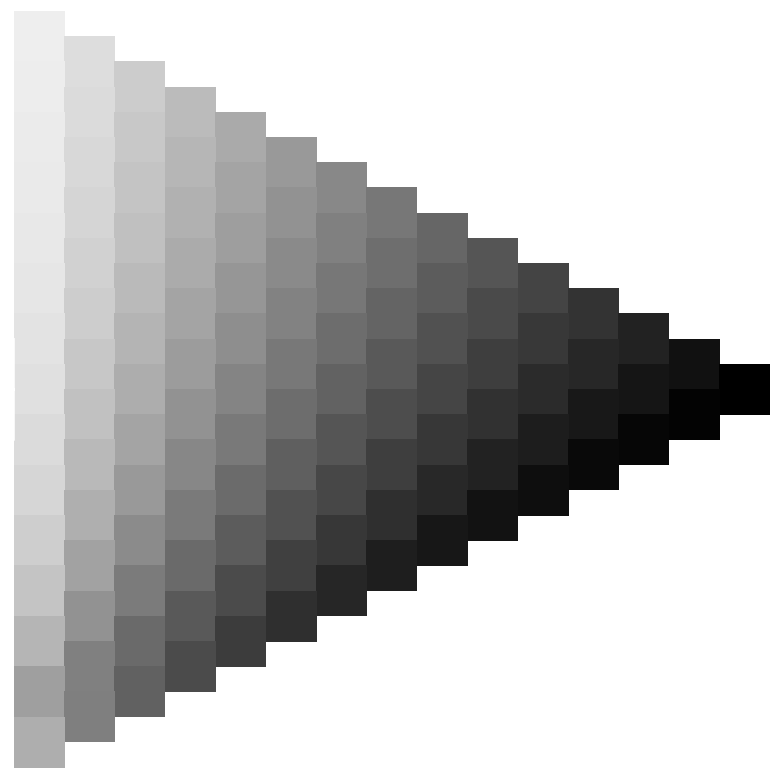
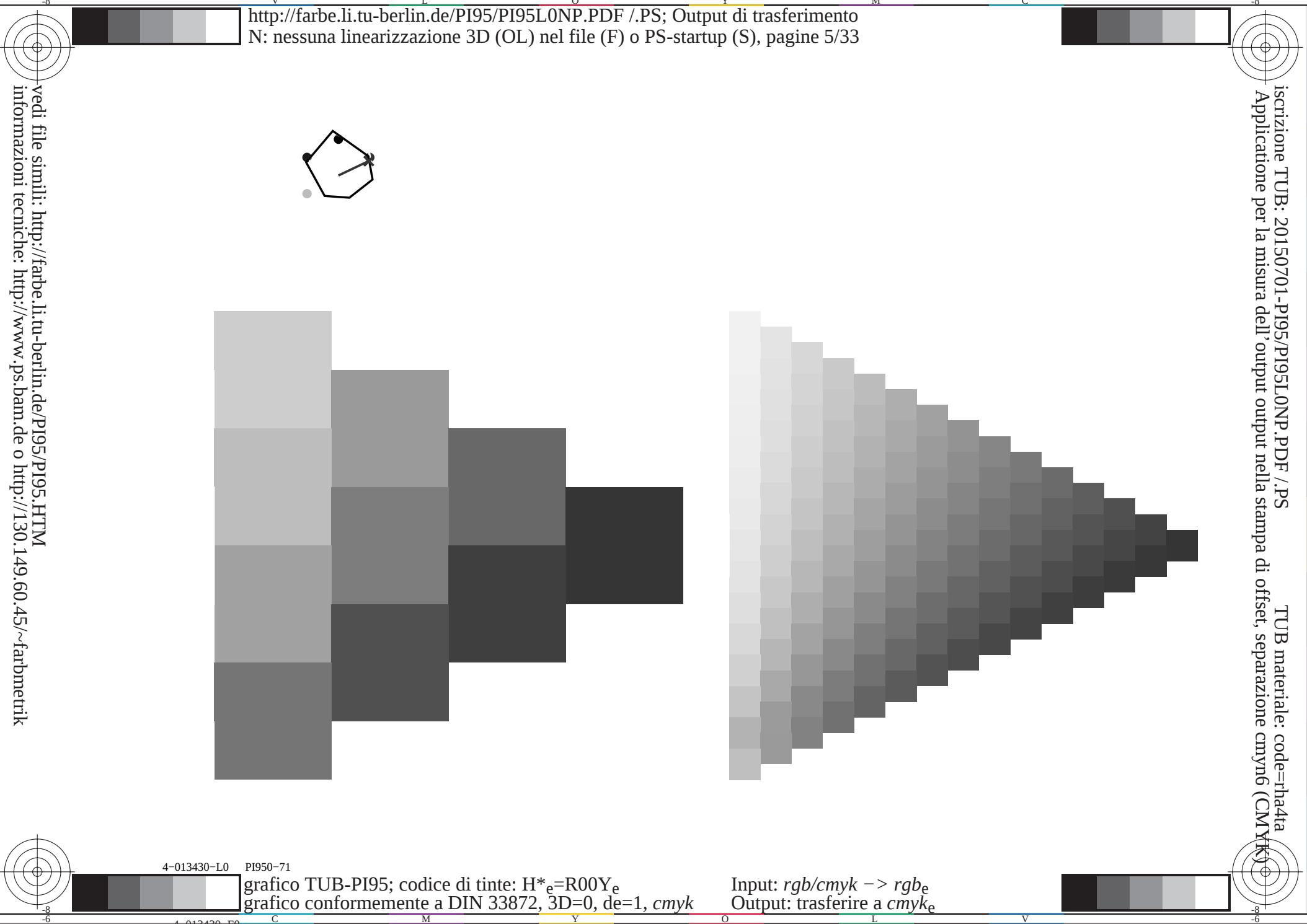


grafico TUB-PI95; codice di tinte: $H^*_e=R00Y_e$
grafico conformemente a DIN 33872, 3D=0, de=1, cmyk

Input: $rgb/cmyk \rightarrow rgb_e$
Output: trasferire a $cmyk_e$





Immettere y uscita: Offset Reflective System ORS18a for relative CIELAB hue $h_{ab,a,rel} = h_{ab}/360 = 25/360 = 0.07$

$H^*_e = R00Y_e$

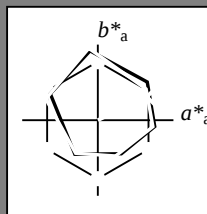
Dati del dispositivo (d) o
colori elementari (e):

HIC^*_e

codice di tonalità per i colori
questa pagina:

$H^*_e = R00Y_e$

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):

$LabCh^*_{e,Ma}$: 47 64 30 71 25

$HIC^*_{e,Ma}$: R00Y_100_100_e

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

1.0 0.0 0.2 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

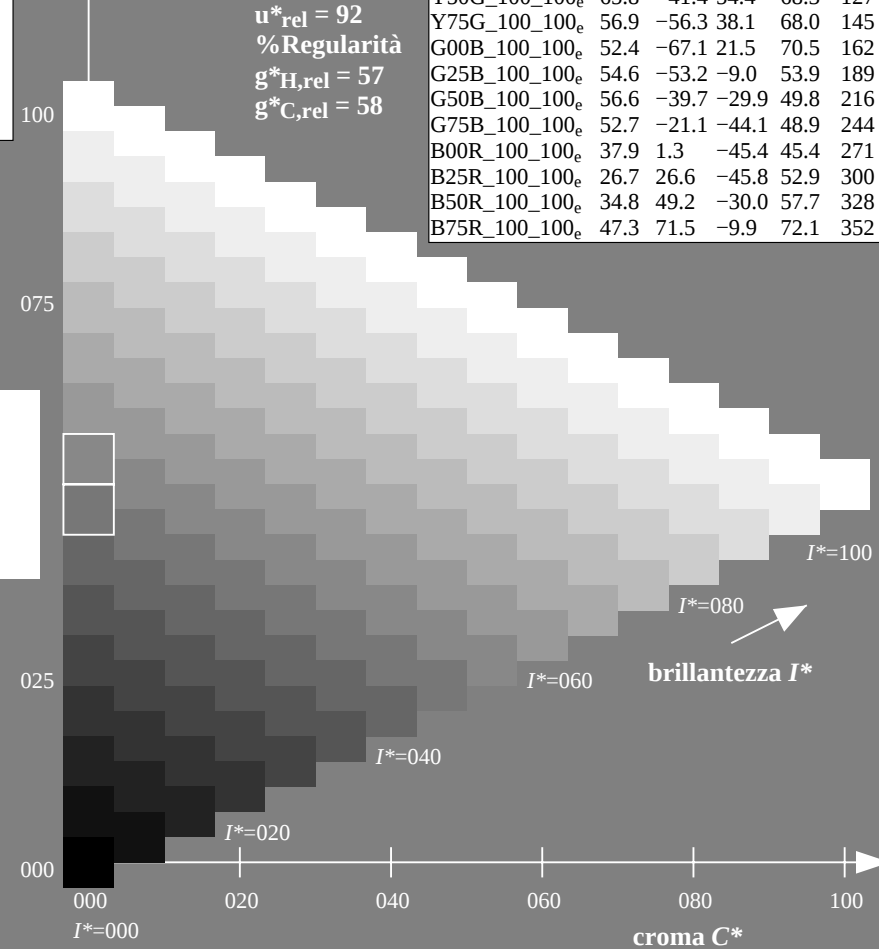
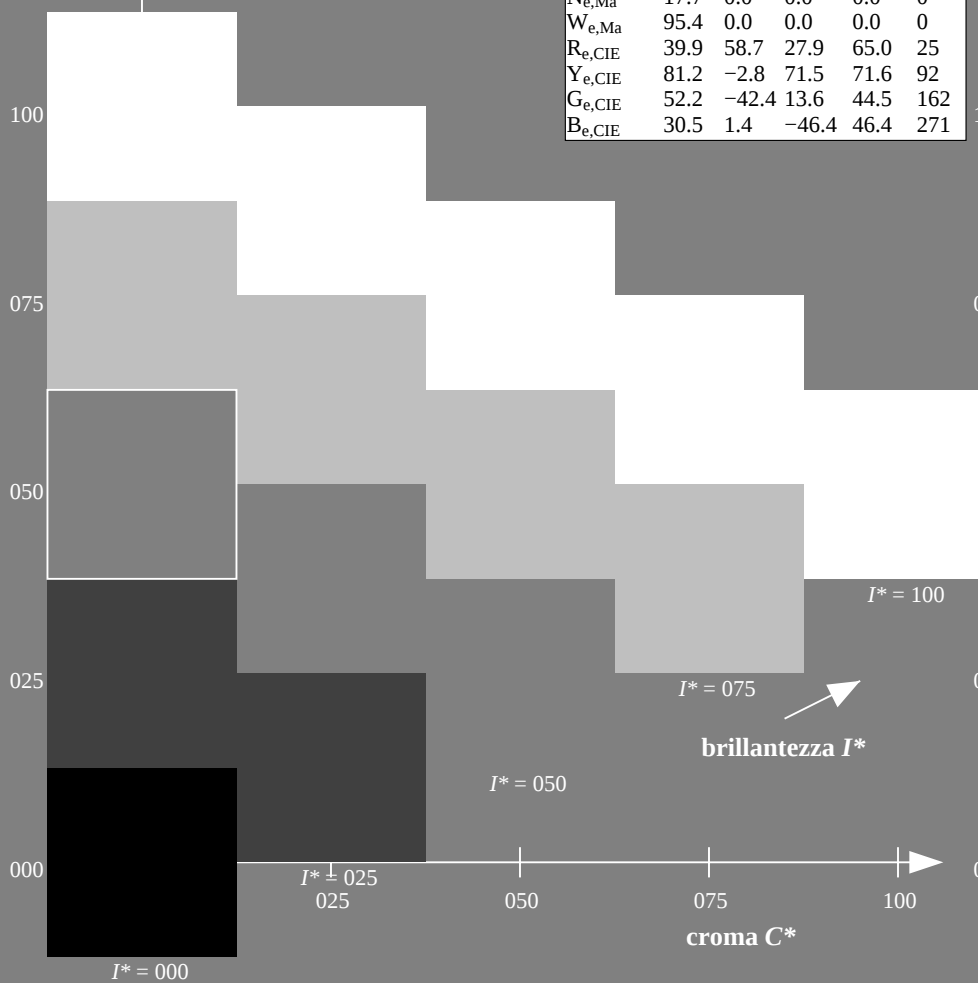


grafico TUB-PI95; codice di tinte: $H^*_e=R00Y_e$
grafico conformemente a DIN 33872, 3D=0, de=1, cmyk

Input: $rgb/cmyk \rightarrow rgb_e$
Output: 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
 $LCH^*_s = 38.8 \ 45.4 \ 270.0$
 $LAB^*_s = 38.8 \ 0.0 \ -45.4$
 $rgb^*_{ds} = 0.0 \ 0.397 \ 1.0$

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

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

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

$h_{ab,s}$

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

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

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

$h_{ab,e}$

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

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

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

$h_{ab,d}$

rgb^*_{de}

4-013630-L0 PI950-71 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-PI95; codice di tinte: $H^*_e=R00Y_e$
cerchio delle tinte a 48 passi; $rgb-LabCh^*$ tavole

Input: $rgb/cmyk \rightarrow rgb_e$
Output: trasferire a $cmyk_e$

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

Data of Maximum color M in colorimetric system Offset standard print; separation cmycn6*, D65 for input or output; Six hue angles of the 60 degree standard colours $RYGCBM_s$: $h_{ab,ds} = 30.0, 90.0, 150.0, 210.0, 270.0, 330.0$;
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^*_{ddx64M} (x=LabCh)	$rgb^*_{ddx361M}$	$LAB^*_{ddx361M}$ (x=LabCh)	$rgb^*_{dsx361M}$	$LAB^*_{dsx361M}$ (x=LabCh)	$rgb^*_{dex361M}$	$LAB^*_{dex361M}$																								
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	0.084	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	0.069	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	109
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	117
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	127
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	135
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	144
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	152
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	162
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	175
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	182
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	-21.9	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	195
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	203
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	216
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	230
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	237
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	271
306.7																																		

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^*_{dd64M}	$LAB^*_{dd64M}(x=LabCh)$	$rgb^*_{dex361M}$	$LAB^*_{dex361M}$	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
40.4	37.5	33.8	1.0	0.125	0.0	51.2	54.9	46.7	72.1	40.4
50.0	45.0	42.1	1.0	0.25	0.0	56.0	44.4	53.0	69.1	50.0
61.1	52.5	50.5	1.0	0.375	0.0	61.4	33.2	60.3	68.8	61.1
71.4	60.0	58.8	1.0	0.5	0.0	67.2	22.6	67.6	71.2	71.4
81.7	67.5	67.2	1.0	0.625	0.0	73.6	11.0	76.1	76.9	81.7
88.5	75.0	75.6	1.0	0.75	0.0	79.2	2.0	83.0	83.1	88.5
93.6	82.5	83.9	1.0	0.875	0.0	84.2	-5.7	89.4	89.6	93.6
97.1	90.0	92.3	1.0	1.0	0.0	88.3	-11.9	95.1	95.8	97.1
100.3	97.5	101.0	0.875	1.0	0.0	85.8	-16.2	88.6	90.0	100.3
103.3	105.0	109.7	0.75	1.0	0.0	82.9	-19.7	83.0	85.3	103.3
108.3	112.5	118.5	0.625	1.0	0.0	77.0	-25.2	76.3	80.4	108.3
115.3	120.0	127.2	0.5	1.0	0.0	72.7	-31.3	66.0	73.1	115.3
122.4	127.5	136.0	0.375	1.0	0.0	68.9	-36.9	58.1	68.8	122.4
134.9	135.0	144.7	0.25	1.0	0.0	60.8	-47.8	47.8	67.6	134.9
144.6	142.5	153.4	0.125	1.0	0.0	57.4	-54.9	38.9	67.3	144.6
157.7	150.0	162.2	0.0	1.0	0.0	51.9	-68.8	28.1	74.3	157.7
163.7	157.5	169.0	0.0	1.0	0.125	52.5	-66.4	19.3	69.1	163.7
170.9	165.0	175.9	0.0	1.0	0.25	53.2	-61.9	9.8	62.7	170.9
181.0	172.5	182.7	0.0	1.0	0.375	54.1	-56.9	-1.0	56.9	181.0
193.5	180.0	189.6	0.0	1.0	0.5	54.8	-51.0	-12.3	52.5	193.5
205.9	187.5	196.4	0.0	1.0	0.625	55.8	-45.1	-21.9	50.1	205.9
218.4	195.0	203.2	0.0	1.0	0.75	56.7	-38.9	-30.9	49.7	218.4
227.3	202.5	210.1	0.0	1.0	0.875	57.5	-34.3	-37.2	50.6	227.3
236.1	210.0	216.9	0.0	1.0	1.0	58.3	-29.2	-43.7	52.6	236.1
240.3	217.5	223.8	0.0	0.875	1.0	55.2	-25.0	-43.9	50.5	240.3
245.8	225.0	230.6	0.0	0.75	1.0	51.7	-19.7	-44.1	48.3	245.8
252.5	232.5	237.5	0.0	0.625	1.0	47.7	-13.9	-44.4	46.5	252.5
262.3	240.0	244.3	0.0	0.5	1.0	42.7	-6.0	-45.0	45.4	262.3
271.7	247.5	251.2	0.0	0.375	1.0	37.9	1.3	-45.4	45.4	271.7
281.6	255.0	258.0	0.0	0.25	1.0	33.3	9.4	-46.0	47.0	281.6
290.3	262.5	264.8	0.0	0.125	1.0	28.6	17.4	-46.9	50.1	290.3
296.4	270.0	271.7	0.0	0.0	1.0	25.3	23.5	-47.3	52.8	296.4
306.7	277.5	278.8	0.125	0.0	1.0	29.3	31.8	-42.6	53.1	306.7
312.7	285.0	285.9	0.25	0.0	1.0	31.5	36.2	-39.2	53.4	312.7
326.7	292.5	293.0	0.375	0.0	1.0	33.8	47.6	-31.2	56.9	326.7
333.9	300.0	300.1	0.5	0.0	1.0	37.8	53.8	-26.3	59.9	333.9
339.6	307.5	307.2	0.625	0.0	1.0	40.9	58.8	-21.8	62.7	339.6
347.2	315.0	314.3	0.75	0.0	1.0	43.1	65.9	-14.9	67.6	347.2
350.2	322.5	321.4	0.875	0.0	1.0	45.9	69.4	-11.9	70.5	350.2
353.3	330.0	328.6	1.0	0.0	1.0	48.2	72.8	-8.5	73.3	353.3
356.5	337.5	335.7	1.0	0.0	0.875	48.2	71.6	-4.3	71.7	356.5
360.3	345.0	342.8	1.0	0.0	0.75	48.1	70.4	0.3	70.4	360.3
365.8	352.5	349.9	1.0	0.0	0.625	48.0	68.9	7.1	69.3	365.8
371.6	360.0	357.0	1.0	0.0	0.5	47.7	67.7	14.0	69.1	371.6
378.2	367.5	364.1	1.0	0.0	0.375	47.7	66.1	21.8	69.6	378.2
383.9	375.0	371.2	1.0	0.0	0.25	47.7	65.0	28.9	71.2	383.9
388.6	382.5	378.3	1.0	0.0	0.125	47.4	64.4	35.1	73.4	388.6
392.8	390.0	385.4	1.0	0.0	0.0	47.3	63.8	41.2	76.0	392.8

4-013830-L0

PI950-71

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-PI95; codice di tinte: $H^*_e=R00Y_e$
cerchio delle tinte a 48 passi; $rgb-LabCh^*tavole$

Input: $rgb/cmyk \rightarrow rgb_e$
Output: 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 $RYGCBM_s$; $h_{ab,ds} = 30.0, 90.0, 150.0, 210.0, 270.0, 330.0$;

<i>h</i> _{ab,d}	<i>h</i> _{ab,s}	<i>h</i> _{ab,e}	<i>r</i> <i>g</i> <i>b</i> [*] _{dd361M}	<i>L</i> <i>A</i> <i>B</i> [*] _{ddx361Mi} (x=LabCh)	<i>R</i> _d	<i>r</i> <i>g</i> <i>b</i> [*] _{ds361Mi}	<i>L</i> <i>A</i> <i>B</i> [*] _{dsx361Mi} (x=LabCh)	<i>R</i> _s	<i>r</i> <i>g</i> <i>b</i> [*] _{dd361Mi}	<i>L</i> <i>A</i> <i>B</i> [*] _{de361Mi}	<i>L</i> <i>A</i> <i>B</i> [*] _{dex361Mi} (x=LabCh)	<i>R</i> _e	<i>r</i> <i>g</i> <i>b</i> [*] _{dd361Mi}	<i>r</i> <i>g</i> <i>b</i> [*] _{dd}	<i>r</i> <i>g</i> <i>b</i> [*] _{ds}	<i>r</i> <i>g</i> <i>b</i> [*] _{de}	
32	30	25	1.0	0.0	0.0	47.3	63.8	41.2	76.0	32	1.0	0.0	0.0	1.0	0.0	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	0.017	1.0	0.0	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	0.033	1.0	0.0	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	1.0	0.0	0.003	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	1.0	0.0	0.019	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	1.0	0.0	0.036	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	1.0	0.0	0.052	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	1.0	0.007	0.0	0.007
41	38	34	1.0	0.133	0.0	51.5	54.2	47.2	71.9	41	1.0	0.085	0.0	1.0	0.026	0.0	0.026
42	39	35	1.0	0.15	0.0	52.1	52.8	48.1	71.5	42	1.0	0.101	0.0	1.0	0.044	0.0	0.044
43	40	36	1.0	0.166	0.0	52.8	51.4	49.0	71.1	43	1.0	0.118	0.0	1.0	0.062	0.0	0.062
44	41	37	1.0	0.183	0.0	53.4	50.1	49.9	70.7	44	1.0	0.132	0.0	1.0	0.081	0.0	0.081
46	42	38	1.0	0.2	0.0	54.1	48.7	50.7	70.3	46	1.0	0.145	0.0	1.0	0.099	0.0	0.099
47	43	39	1.0	0.216	0.0	54.7	47.3	51.5	69.9	47	1.0	0.158	0.0	1.0	0.117	0.0	0.117
48	44	41	1.0	0.233	0.0	55.3	45.8	52.2	69.5	48	1.0	0.172	0.0	1.0	0.133	0.0	0.133
50	45	42	1.0	0.25	0.0	56.0	44.4	53.0	69.1	50	1.0	0.185	0.0	1.0	0.148	0.0	0.148
51	46	43	1.0	0.266	0.0	56.7	43.0	54.1	69.1	51	1.0	0.198	0.0	1.0	0.162	0.0	0.162
52	47	44	1.0	0.283	0.0	57.4	41.5	55.1	69.1	52	1.0	0.211	0.0	1.0	0.177	0.0	0.177
54	48	45	1.0	0.3	0.0	58.2	40.1	56.2	69.0	54	1.0	0.224	0.0	1.0	0.191	0.0	0.191
55	49	46	1.0	0.316	0.0	58.9	38.6	57.1	69.0	55	1.0	0.237	0.0	1.0	0.206	0.0	0.206
57	50	47	1.0	0.333	0.0	59.6	37.1	58.1	68.9	57	1.0	0.25	0.0	1.0	0.22	0.0	0.22
58	51	48	1.0	0.35	0.0	60.3	35.5	59.0	68.9	58	1.0	0.261	0.0	1.0	0.235	0.0	0.235
60	52	49	1.0	0.366	0.0	61.0	34										

PI950-71	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
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uscita: Offset standard print; separation cmyn6*, D65, pagina 10/33

grafico TUB-PI95; codice di tinte: $H^*_e=R00Y_e$
cerchio delle tinte a 48 passi; $rqb-LabCh^*$ tavole

Input: $rgb/cmyk \rightarrow rgb_e$
Output: 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 $RYGCBM_c$: $h_{ab,ds} = 30.0, 90.0, 150.0, 210.0, 270.0, 330.0$;
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^*_{d361M}	$LAB^*_{ds361Mi} (x=LabCh)$	$rgb^*_{ds361Mi}$	$LAB^*_{dsx361Mi} (x=LabCh)$	$rgb^*_{dd361Mi}$	$rgb^*_{de361Mi}$	$LAB^*_{dex361Mi} (x=LabCh)$	$rgb^*_{dd361Mi}$	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	0.75	0.0	88
89	76	76	1.0	0.766	0.0	79.9	1.0	83.9	83.9	89	1.0	0.767	0.0	89
89	77	77	1.0	0.783	0.0	80.6	0.0	84.8	84.8	89	1.0	0.783	0.0	89
90	78	78	1.0	0.8	0.0	81.2	-0.9	85.7	85.7	90	1.0	0.8	0.0	90
91	79	80	1.0	0.816	0.0	81.9	-1.9	86.5	86.5	91	1.0	0.817	0.0	91
91	80	81	1.0	0.833	0.0	82.6	-3.0	87.4	87.4	91	1.0	0.833	0.0	91
92	81	82	1.0	0.85	0.0	83.2	-4.0	88.2	88.3	92	1.0	0.85	0.0	92
93	82	83	1.0	0.866	0.0	83.9	-5.1	89.0	89.2	93	1.0	0.867	0.0	93
93	83	84	1.0	0.883	0.0	84.5	-6.1	89.8	90.0	93	1.0	0.883	0.0	93
94	84	85	1.0	0.9	0.0	85.1	-6.9	90.6	90.8	94	1.0	0.9	0.0	94
94	85	86	1.0	0.916	0.0	85.6	-7.7	91.3	91.7	94	1.0	0.917	0.0	94
95	86	87	1.0	0.933	0.0	86.1	-8.5	92.1	92.5	95	1.0	0.933	0.0	95
95	87	88	1.0	0.95	0.0	86.7	-9.3	92.9	93.3	95	1.0	0.95	0.0	95
96	88	90	1.0	0.966	0.0	87.2	-10.2	93.6	94.2	96	1.0	0.967	0.0	96
96	89	91	1.0	0.983	0.0	87.8	-11.1	94.3	95.0	96	1.0	0.983	0.0	96
97	90	92	1.0	1.0	0.0	88.3	-11.9	95.1	95.8	97	1.0	1.0	0.0	97
97	91	93	0.983	1.0	0.0	88.0	-12.5	94.2	95.1	97	1.0	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	0.967	1.0	0.0
98	93	95	0.95	1.0	0.0	87.3	-13.7	92.5	93.5	98	1.0	0.95	1.0	0.0
98	94	96	0.933	1.0	0.0	87.0	-14.3	91.6	92.7	98	1.0	0.933	1.0	0.0
99	95	98	0.916	1.0	0.0	86.6	-14.8	90.8	92.0	99	1.0	0.917	1.0	0.0
99	96	99	0.9	1.0	0.0	86.3	-15.4	89.9	91.2	99	1.0	0.9	1.0	0.0
100	97	100	0.883	1.0	0.0	86.0	-15.9	89.0	90.4	100	1.0	0.883	1.0	0.0
100	98	101	0.866	1.0	0.0	85.6	-16.4	88.2	89.7	100	1.0	0.867	1.0	0.0
100	99	102	0.85	1.0	0.0	85.2	-16.9	87.4	89.1	100	1.0	0.85	1.0	0.0
101	100	103	0.833	1.0	0.0	84.8	-17.4	86.7	88.4	101	1.0	0.833	1.0	0.0
101	101	105	0.816	1.0	0.0	84.5	-17.9	86.0	87.8	101	1.0	0.817	1.0	0.0
102	102	106	0.8	1.0	0.0	84.1	-18.3	85.2	87.2	102	1.0	0.8	1.0	0.0
102	103	107	0.783	1.0	0.0	83.7	-18.8	84.5	86.5	102	1.0	0.783	1.0	0.0
102	104	108	0.766	1.0	0.0	83.3	-19.2	83.7	85.9	102	1.0	0.767	1.0	0.0
103	105	109	0.75	1.0	0.0	82.9	-19.7	83.0	85.3	103	1.0	0.75	1.0	0.0
104	106	110	0.733	1.0	0.0	82.2	-20.5	82.1	84.6	104	1.0	0.733	1.0	0.0
104	107	112	0.716	1.0	0.0	81.4	-21.3	81.2	84.0	104	1.0	0.717	1.0	0.0
105	108	113	0.7	1.0	0.0	80.6	-22.0	80.3	83.3	105	1.0	0.7	1.0	0.0
106	109	114	0.683	1.0	0.0	79.8	-22.8	79.5	82.7	106	1.0	0.683	1.0	0.0
106	110	115	0.666	1.0	0.0	79.0	-23.5	78.6	82.0	106	1.0	0.667	1.0	0.0
107	111	116	0.65	1.0	0.0	78.2	-24.2	77.7	81.4	107	1.0	0.65	1.0	0.0
107	112	117	0.633	1.0	0.0	77.4	-24.9	76.8	80.7	107	1.0	0.633	1.0	0.0
108	113	119	0.616	1.0	0.0	76.8	-25.7	75.6	79.9	108	1.0	0.617	1.0	0.0
109	114	120	0.6	1.0	0.0	76.2	-26.6	74.3	78.9	109	1.0	0.6	1.0	0.0
110	115	121	0.583	1.0	0.0	75.6	-27.5	72.9	78.0	110	1.0	0.583	1.0	0.0
111	116	122	0.566	1.0	0.0	75.0	-28.3	71.6	77.0	111	1.0	0.567	1.0	0.0
112	117	123	0.55	1.0	0.0	74.5	-29.1	70.2	76.0	112	1.0	0.55	1.0	0.0
113	118	124	0.533	1.0	0.0	73.9	-29.9	68.8	75.0	113	1.0	0.533	1.0	0.0
114	119	126	0.516	1.0	0.0	73.3	-30.6	67.4	74.1	114	1.0	0.517	1.0	0.0
115	120	127	0.5	1.0	0.0	72.7	-31.3	66.0	73.1	115	1.0	0.5	1.0	0.0

4-0131030-L0 PI950-71

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 11/33

grafico TUB-PI95; codice di tinte: $H^*_e=R00Y_e$
cerchio delle tinte a 48 passi; $rgb-LabCh^*$ tavole

Input: $rgb/cmyk \rightarrow rgb_e$
Output: trasferire a $cmyk_e$

4-0131030-F0

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 $RYGCBM_c$: $h_{ab,c} = 25.5, 92.3, 162.2, 217.0, 271.7, 328.6$

$\text{rgb}^*\text{d361Mi}$									$\text{LAB}^*\text{dsx361Mi (x=LabCh)}$									$\text{rgb}^*\text{ds361Mi}$									$\text{LAB}^*\text{dex361Mi (x=LabCh)}$									$\text{rgb}^*\text{dd361Mi}$									$\text{rgb}^*\text{de361Mi}$								
115	120	127	0.5	1.0	0.0	72.7	-31.3	66.0	73.1	115	0.418	1.0	0.0	70.3	-35.1	60.9	70.3	120	0.5	1.0	0.0	0.327	1.0	0.0	65.8	-41.3	54.4	68.4	127	0.5	1.0	0.0																					
116	121	128	0.483	1.0	0.0	72.2	-32.1	65.0	72.5	116	0.4	1.0	0.0	69.7	-35.8	59.8	69.7	121	0.483	1.0	0.0	0.315	1.0	0.0	65.1	-42.3	53.5	68.3	128	0.483	1.0	0.0																					
117	122	129	0.466	1.0	0.0	71.7	-32.9	63.9	71.9	117	0.383	1.0	0.0	69.2	-36.5	58.6	69.1	122	0.467	1.0	0.0	0.303	1.0	0.0	64.3	-43.3	52.5	68.2	129	0.467	1.0	0.0																					
118	123	130	0.45	1.0	0.0	71.2	-33.7	62.9	71.4	118	0.369	1.0	0.0	68.5	-37.4	57.7	68.8	123	0.45	1.0	0.0	0.292	1.0	0.0	63.6	-44.3	51.5	68.1	130	0.45	1.0	0.0																					
119	124	131	0.433	1.0	0.0	70.7	-34.5	61.8	70.8	119	0.359	1.0	0.0	67.9	-38.3	56.9	68.7	124	0.433	1.0	0.0	0.28	1.0	0.0	62.8	-45.3	50.6	67.9	131	0.433	1.0	0.0																					
120	125	133	0.416	1.0	0.0	70.2	-35.2	60.8	70.2	120	0.349	1.0	0.0	67.3	-39.2	56.2	68.6	125	0.417	1.0	0.0	0.269	1.0	0.0	62.1	-46.2	49.5	67.8	133	0.417	1.0	0.0																					
121	126	134	0.4	1.0	0.0	69.6	-35.9	59.7	69.6	121	0.339	1.0	0.0	66.6	-40.2	55.4	68.5	126	0.4	1.0	0.0	0.257	1.0	0.0	61.3	-47.2	48.5	67.7	134	0.4	1.0	0.0																					
121	127	135	0.383	1.0	0.0	69.1	-36.5	58.6	69.1	121	0.329	1.0	0.0	66.0	-41.1	54.6	68.4	127	0.383	1.0	0.0	0.244	1.0	0.0	60.7	-48.1	47.5	67.6	135	0.383	1.0	0.0																					
123	128	136	0.366	1.0	0.0	68.3	-37.7	57.4	68.7	123	0.319	1.0	0.0	65.3	-42.0	53.8	68.3	128	0.367	1.0	0.0	0.229	1.0	0.0	60.3	-49.0	46.5	67.6	136	0.367	1.0	0.0																					
124	129	137	0.35	1.0	0.0	67.3	-39.2	56.2	68.6	124	0.309	1.0	0.0	64.7	-42.8	53.0	68.2	129	0.35	1.0	0.0	0.214	1.0	0.0	59.9	-49.9	45.4	67.6	137	0.35	1.0	0.0																					
126	130	138	0.333	1.0	0.0	66.2	-40.8	54.9	68.4	126	0.299	1.0	0.0	64.1	-43.7	52.2	68.1	130	0.333	1.0	0.0	0.199	1.0	0.0	59.5	-50.8	44.4	67.5	138	0.333	1.0	0.0																					
128	131	140	0.316	1.0	0.0	65.1	-42.3	53.6	68.2	128	0.289	1.0	0.0	63.4	-44.5	51.3	68.0	131	0.317	1.0	0.0	0.184	1.0	0.0	59.1	-51.7	43.3	67.5	140	0.317	1.0	0.0																					
129	132	141	0.3	1.0	0.0	64.0	-43.7	52.2	68.1	129	0.28	1.0	0.0	62.8	-45.4	50.5	67.9	132	0.3	1.0	0.0	0.169	1.0	0.0	58.6	-52.5	42.2	67.5	141	0.3	1.0	0.0																					
131	133	142	0.2																																																		

4-0131130-L0 PI950-71

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 12/33

grafico TUB-PI95; codice di tinte: $H^*_e=R00Y_e$
cerchio delle tinte a 48 passi; $rgb-LabCh^*$ tavole

Input: $rgb/cmyk \rightarrow rgb_e$
Output: 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 $RYGCBM_e$: $h_{ab,e} = 25.5, 92.3, 162.2, 217.0, 271.7, 328.6$																											
$h_{ab,d}$	$h_{ab,s}$	$h_{ab,e}$	rgb^*_{dd361M}	$LAB^*_{dd361Mi} (x=LabCh)$	$rgb^*_{ds361Mi}$	$LAB^*_{ds361Mi} (x=LabCh)$	$rgb^*_{dd361Mi}$	$LAB^*_{dd361Mi}$	$rgb^*_{de361Mi}$	$LAB^*_{de361Mi} (x=LabCh)$	$rgb^*_{dd361Mi}$	$LAB^*_{dd361Mi}$	$rgb^*_{ds361Mi}$	$LAB^*_{ds361Mi}$	$rgb^*_{de361Mi}$	$LAB^*_{de361Mi}$	$rgb^*_{dd361Mi}$	$LAB^*_{dd361Mi}$	$rgb^*_{ds361Mi}$	$LAB^*_{ds361Mi}$	$rgb^*_{de361Mi}$	$LAB^*_{de361Mi}$															
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	1.0	0.736	56.7	-39.7	-29.9	49.8	216	0.0	1.0	1.0	0.0	1.0	0.983	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	0.0	1.0	0.967	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	0.0	1.0	0.95	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	0.0	1.0	0.933	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	0.0	1.0	0.917	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	0.0	1.0	0.807	57.1	
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	0.0	1.0	0.819	57.2	
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	0.0	1.0	0.832	57.3	
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	0.0	1.0	0.845	57.4	
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	0.0	1.0	0.858	57.5	
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	0.0	1.0	0.871	57.5	
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	0.0	1.0	0.884	57.6	
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	0.0	1.0	0.896	57.7	
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	0.0	1.0	0.909	57.8	
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	0.0	1.0	0.922	57.9	
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	0.0	1.0	0.935	57.9	
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	0.0	1.0	0.948	58.0	
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	0.0	1.0	0.961	58.1	
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	0.0	1.0	0.974	58.2	
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	0.0	1.0	0.987	58.3	
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	0.0	1.0	0.999	58.3	
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	0.0	1.0	0.974	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	0.0	1.0	0.947	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	0.0	1.0	0.919	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	0.0	1.0	0.892	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	0.0	1.0	0.867	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	0.0	1.0	0.847	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	0.0	1.0	0.826	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	0.0	1.0	0.805	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	0.0	1.0	0.785	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	0.0	1.0	0.764	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	0.0	1.0	0.745	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	0.0	1.0	0.727	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	0.0	1.0	0.71	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	0.0	1.0	0.693	1.0
268	245	248	0.0																																		

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^* ddx361Mi (x=LabCh)	rgb^* ds361Mi	LAB^* dsx361Mi (x=LabCh)	rgb^* dd361Mi	LAB^* de361Mi	LAB^* dex361Mi (x=LabCh)	rgb^* dd361Mi	rgb^*_d	rgb^*_s	rgb^*_e
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	0.0 0.555 1.0	45.0 -9.4 -44.8 45.9	258	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	0.0 0.543 1.0	44.5 -8.7 -44.9 45.8	258	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	0.0 0.532 1.0	44.1 -7.9 -44.9 45.7	259	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	0.0 0.52 1.0	43.6 -7.2 -44.9 45.6	260	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	0.0 0.508 1.0	43.1 -6.5 -44.9 45.5	261	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	0.0 0.497 1.0	42.7 -5.7 -45.0 45.4	262	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	0.0 0.484 1.0	42.2 -5.0 -45.0 45.4	263	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	0.0 0.472 1.0	41.7 -4.3 -45.1 45.4	264	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	0.0 0.46 1.0	41.2 -3.6 -45.2 45.4	265	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	0.0 0.448 1.0	40.8 -2.9 -45.2 45.4	266	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	0.0 0.436 1.0	40.3 -2.1 -45.3 45.4	267	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	0.0 0.423 1.0	39.8 -1.4 -45.3 45.4	268	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	0.0 0.411 1.0	39.4 -0.7 -45.3 45.4	269	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	0.0 0.399 1.0	38.9 0.0 -45.3 45.4	269	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	0.0 0.387 1.0	38.4 0.7 -45.3 45.4	270	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	0.467 0.0 1.0	0.023 0.0 1.0	26.1 25.1 -46.5 52.9	298	0.467 0.0 1.0
332	299	299	0.483 0.0 1.0	37.3 53.0 -27.0 59.5	332	0.031 0.0 1.0	26.3 25.7 -46.2 52.9	299	0.483 0.0 1.0	0.034 0.0 1.0	26.4 25.9 -46.1 53.0	299	0.483 0.0 1.0
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

4-0131430-L0 PI950-71

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 15/33

grafico TUB-PI95; codice di tinte: $H^*_e=R00Y_e$
cerchio delle tinte a 48 passi; $rgb-LabCh^*$ tavole

Input: $rgb/cmyk \rightarrow rgb_e$
Output: trasferire a $cmyk_e$

4-0131430-F0

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

Primary hue angles of the device colours (10, 20, 30, 40, 50, 60, 70, 80, 90, 100, 110, 120, 130, 140, 150, 160, 170, 180, 190, 200, 210, 220, 230, 240, 250, 260, 270, 280, 290, 300, 310, 320, 330, 340, 350, 360)										Secondary hue angles of the elementary colours (10, 20, 30, 40, 50, 60, 70, 80, 90, 100, 110, 120, 130, 140, 150, 160, 170, 180, 190, 200, 210, 220, 230, 240, 250, 260, 270, 280, 290, 300, 310, 320, 330, 340, 350, 360)																						
$h_{ab,d}$	$h_{ab,s}$	$h_{ab,e}$	rgb^*_{dd361M}	LAB^*_{d361Mi} (x=LabCh)	$rgb^*_{ds361Mi}$	$LAB^*_{ds361Mi}$ (x=LabCh)	$rgb^*_{dd361Mi}$	$LAB^*_{de361Mi}$	$rgb^*_{de361Mi}$	$LAB^*_{de361Mi}$ (x=LabCh)	$rgb^*_{dd361Mi}$	$rgb^*_{dd361Mi}$	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	



TUB materiale: code=rha4ta

-vedi file simili: <http://farbe.li.tu-berlin.de/PI95/PI95.HTM>

Input: *rgb/cmyk* $\rightarrow$ *rgbe*
Output: trasferire a *cmyke*

1888

PI950-7N, 18/33-F

4-0131730-F0

[illegible]

n	HC*Fe	rgb_Fe	ic_Fe	hs_Fe	LabCH*Fe	rgb*Fe	LabCH*Fe	DF*Fe	hsMnE	rgb*Me	LabCH*Me	719	54
0/648	R00Y_100_100e	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	309	25.4
1/666	R25Y_100_100e	1.0	0.25	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	309	25.4
2/684	R50Y_100_100e	1.0	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	309	25.4
3/702	R75Y_100_100e	1.0	0.75	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	309	25.4
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	309	25.4
5/738	Y25C_100_100e	0.0	0.25	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	309	25.4
6/756	Y50C_100_100e	0.0	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	309	25.4
7/774	Y75C_100_100e	0.0	0.75	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	309	25.4
8/792	C00B_100_100e	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	309	25.4
9/792	C25B_100_100e	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	309	25.4
10/76	C50B_100_100e	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	309	25.4
11/840	C75B_100_100e	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	309	25.4
12/840	G00B_100_100e	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	309	25.4
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	309	25.4
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	309	25.4
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	309	25.4
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	309	25.4
17/648	R00Y_100_100e	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	309	25.4
18/608	R25Y_100_100e	1.0	0.25	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	309	25.4
19/608	R50Y_100_100e	1.0	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	309	25.4
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	309	25.4
21/560	Y25C_100_100e	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	309	25.4
22/460	Y50C_100_100e	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	309	25.4
23/460	Y75C_100_100e	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	309	25.4
24/688	B00M_100_100e	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	309	25.4
25/692	B25R_100_100e	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	309	25.4
26/688	B50R_100_100e	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	309	25.4
27/506	R00Y_075_050e	0.75	0.25	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	309	25.4
28/524	R50Y_075_050e	0.75	0.25	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	309	25.4
29/542	Y00C_075_050e	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	309	25.4
30/218	G00B_075_050e	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	309	25.4
31/380	B00M_075_050e	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	309	25.4
32/222	G50B_075_050e	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	309	25.4
33/186	B00R_075_050e	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	309	25.4
34/510	B50R_075_050e	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	309	25.4
35/506	R00Y_075_050e	0.75	0.25	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	309	25.4
36/324	R00Y_050_050e	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	309	25.4
37/342	R50Y_050_050e	0.5	0.25	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	309	25.4
38/360	Y00C_050_050e	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	309	25.4
39/198	Y50C_050_050e	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	309	25.4
40/36	G00B_050_050e	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	309	25.4
41/40	G50B_050_050e	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	309	25.4
42/4	B00R_050_050e	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	309	25.4
43/328	B50R_050_050e	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	309	25.4
44/324	R00Y_050_050e	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	309	25.4
45/0	NW_000e	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	309	25.4
46/91	NW_013e	0.125	0.125	0.125	0.125	0.125	0.125	0.125	0.125	0.125	0.125	309	25.4
47/182	NW_025e	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	309	25.4
48/273	NW_038e	0.375	0.375	0.375	0.375	0.375	0.375	0.375	0.375	0.375	0.375	309	25.4
49/364	NW_050e	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	309	25.4
50/455	NW_063e	0.625	0.625	0.625	0.625	0.625	0.625	0.625	0.625	0.625	0.625	309	25.4
51/546	NW_075e	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	309	25.4
52/637	NW_088e	0.875	0.875	0.875	0.875	0.875	0.875	0.875	0.875	0.875	0.875	309	25.4
53/728	NW_100e	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	309	25.4

delta E* = 12.3

<http://farbe.li.tu-berlin.de/PI95/PI95LONP.PDF> /PS; Output di trasferimento N: nessuna linearizzazione 3D (OL) nel file (F) o PS-startup (S) pagine 20/33

grafico TUB-PI95; codice di tinte: H*_e=R00Y_e

Input: *rgb/cmyk* → *rgb*_e
Output: trasferire a *cmyk*_e

n	HC ^{Fe}	rgb ^{Fe}	irc ^{Fe}	hs ^{Fe}	rgb ^{Fe}	LabCh ^{Fe}	LabCh ^{Fe}	rgb ^{Fe}	LabCh ^{Fe}	DE ^{Fe}	h _{max} ^{Fe}	rgb ^{Fe}	LabCh ^{Fe}
1	NW_000c	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2	BOOR_012.012a	0.0	0.125	0.062	0.0	0.046	0.125	0.0	0.046	0.125	0.062	0.0	0.125
3	BOOR_025.025a	0.0	0.25	0.125	0.0	0.093	0.25	0.0	0.093	0.25	0.125	0.0	0.25
4	BOOR_037.037a	0.0	0.375	0.187	0.0	0.14	0.375	0.0	0.14	0.375	0.187	0.0	0.375
5	BOOR_050.050a	0.0	0.5	0.25	0.0	0.187	0.5	0.0	0.187	0.5	0.25	0.0	0.5
6	BOOR_062.062a	0.0	0.625	0.312	0.0	0.234	0.625	0.0	0.234	0.625	0.312	0.0	0.625
7	BOOR_075.075a	0.0	0.75	0.375	0.0	0.281	0.75	0.0	0.281	0.75	0.375	0.0	0.75
8	BOOR_087.087a	0.0	0.875	0.437	0.0	0.329	0.875	0.0	0.329	0.875	0.437	0.0	0.875
9	BOOR_100.100a	0.0	1.0	0.5	0.0	0.374	1.0	0.0	0.374	1.0	0.5	0.0	1.0
10	G50B_012.012a	0.0	0.125	0.062	0.0	0.0125	0.125	0.0	0.0125	0.125	0.062	0.0	0.125
11	G50B_025.025a	0.0	0.25	0.125	0.0	0.025	0.25	0.0	0.025	0.25	0.125	0.0	0.25
12	G48B_037.037a	0.0	0.375	0.187	0.0	0.0375	0.375	0.0	0.0375	0.375	0.187	0.0	0.375
13	G48B_050.050a	0.0	0.5	0.25	0.0	0.0625	0.5	0.0	0.0625	0.5	0.25	0.0	0.5
14	G30B_062.062a	0.0	0.625	0.312	0.0	0.125	0.625	0.0	0.125	0.625	0.312	0.0	0.625
15	G32B_075.075a	0.0	0.75	0.375	0.0	0.1875	0.75	0.0	0.1875	0.75	0.375	0.0	0.75
16	G33B_087.087a	0.0	0.875	0.437	0.0	0.2625	0.875	0.0	0.2625	0.875	0.437	0.0	0.875
17	G34B_100.100a	0.0	1.0	0.5	0.0	0.3125	1.0	0.0	0.3125	1.0	0.5	0.0	1.0
18	G25B_025.025a	0.0	0.25	0.125	0.0	0.025	0.25	0.0	0.025	0.25	0.125	0.0	0.25
19	G25B_050.050a	0.0	0.5	0.25	0.0	0.0625	0.5	0.0	0.0625	0.5	0.25	0.0	0.5
20	G35B_037.037a	0.0	0.375	0.187	0.0	0.0375	0.375	0.0	0.0375	0.375	0.187	0.0	0.375
21	G35B_050.050a	0.0	0.625	0.312	0.0	0.125	0.625	0.0	0.125	0.625	0.312	0.0	0.625
22	G35B_062.062a	0.0	0.875	0.437	0.0	0.21875	0.875	0.0	0.21875	0.875	0.437	0.0	0.875
23	G35B_087.087a	0.0	1.0	0.5	0.0	0.261875	1.0	0.0	0.261875	1.0	0.5	0.0	1.0
24	G35B_100.100a	0.0	1.0	0.5	0.0	0.261875	1.0	0.0	0.261875	1.0	0.5	0.0	1.0
25	G36B_025.025a	0.0	0.25	0.125	0.0	0.025	0.25	0.0	0.025	0.25	0.125	0.0	0.25
26	G36B_050.050a	0.0	0.5	0.25	0.0	0.0625	0.5	0.0	0.0625	0.5	0.25	0.0	0.5
27	G36B_087.087a	0.0	0.875	0.437	0.0	0.21875	0.875	0.0	0.21875	0.875	0.437	0.0	0.875
28	G36B_100.100a	0.0	1.0	0.5	0.0	0.261875	1.0	0.0	0.261875	1.0	0.5	0.0	1.0
29	G37B_025.025a	0.0	0.25	0.125	0.0	0.025	0.25	0.0	0.025	0.25	0.125		

4-0131930-F00

PI950-7N 20/33-F

C

grafico TUB-PI95; codice di tinte: H*_e=R00Y_e

Input: *rgb/cmyk* $\rightarrow$ *rgb*_e
Output: trasferire a *cmyk*_e

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

grafico TUB-PI95; codice di tinte: H*_ρ=R00Y_ρ

Input: *rgb/cmyk* → *rgbe*
Output: trasferire a *cmyke*

[illegible]

[illegible][illegible]

68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 100

[illegible][illegible][illegible]

(continued)

21.78	14.4	6.8	0.6	356	352	350	41.2	29.7	10.6	2.1	355	350	348	54.0	47.6	41.2	18.5	5.6	356	349	346	67.3	62.0	55.3	45.5	40.7	13.6	358	347	343	80.3	76.5	71.0	63.0	50.1	5.0	346	340	88.1	86.8	84.6	79.4	68.8	51.6	45.1	17.5	335	344	94.1	94.6	94.7	93.6	91.4	84.0	59.5	341	341	326	98.1	99.2	98.2	100	101	101	103	105	107	111	111	119	140	234	234	Delta E
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[illegible][illegible][illegible][illegible][illegible][illegible]

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58.3 62.4 54.9 48.8 43.1 43.9 54.3 48.7 50.2 52.0 53.6 49.0 42.5 36.9 37.7 45.3 45.5 40.5 42.1 44.1 43.5 36.4 30.8 31.7 31.7 36.1 36.3 32.4 34.0 35.7 30.5 24.6 25.5 26.2 27.1 27.1 24.3 26.0 24.5 18.4 17.8 18.0 16.2 17.8 12.3 12.3 13.0 77.7 77.7 8.2 8.5 8.6 8.9 8.1 6.1 6.6 -3.1 -2.6 -2.2 -1.7 -1.3 -0.8 -0.4 0.0 0.0 0.1 -16.3 -15.5 -14.3 -13.6 -12.7 -11.5 -10.3 -8.3 -4.9

[illegible][illegible][illegible][illegible][illegible][illegible][illegible][illegible][illegible]

(continued)

File Path: \\fs1.fhnwi.edu\l\biom\BIO5\BIO5-UTM

Informazioni tecniche: <http://www.ps.bam.de> o <http://130.149.60.45/~tarbometrik>

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

codice di tinte: H^{*}_e=R00Y_e

grafico TUB-PI95; codi

Applicatione per la misura dell'output output nella stampa di offset, separazione cmyk6 (CMYK)

vedi file simili: <http://farbe.li.tu-berlin.de/PI95/PI95.HTM>

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

Input: *rgb/cmyk* $\rightarrow$ *rgbe*
Output: trasferire a *cmyke*

grafico TUB-PI95; codice di tinte: H*_e=R00Y_e

PI950-7N, 29/33-F

4-0132830-F0



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

0.45/~farbmetrik

Input: *rgb/cmyk* $\rightarrow$ *rgbe*
Output: trasferire a *cmyke*

[illegible]



TUB materiale: code=rha4ta

Input: *rgb/cmyk* $\rightarrow$ *rgb*
Output: trasferire a *cmyk*

grafico I'UB-PI95; codice di tinte: $H_e^* = R00Y_e$
colori e la differenza ΔE_e^* ,



PI950-7N, 33/33-F

4-0133230-F0

✓

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W

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<http://farbe.li.tu-berlin.de/PI95/PI95L0NP.PDF> /PS; Output di trasferimento N: nessuna linearizzazione 3D (OL) nel file (F) o PS-startup (S), pagine 33/33

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

	HC*Fe	rgb_Fe	icl_Fe	ha_Fe	rgb*Fe	LabCh*Fe	rgb*Fe	LabCh*Fe	rgb*Fe	DE*Fe	haNFe	rgb*Fe	LabCh*Fe	
1053	NW_086c	0.866	0.866	0.866	0.866	0.866	0.866	0.866	0.866	0.1	204.5	4.4	360	0.0
1054	NW_093c	0.933	0.933	0.933	0.933	0.933	0.933	0.933	0.933	0.0	177.8	1.9	360	0.0
1055	NW_100c	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.0	61.5	0.0	360	0.0
1056	NW_006c	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	96.3	1.0	360	0.0
1057	NW_006c	0.066	0.066	0.066	0.066	0.066	0.066	0.066	0.066	0.0	151.6	0.5	360	0.0
1058	NW_013c	0.133	0.133	0.133	0.133	0.133	0.133	0.133	0.133	0.0	242.3	2.4	360	0.0
1059	NW_020c	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.6	243.3	5.7	360	0.0
1060	NW_026c	0.266	0.266	0.266	0.266	0.266	0.266	0.266	0.266	0.8	240.2	7.2	360	0.0
1061	NW_033c	0.333	0.333	0.333	0.333	0.333	0.333	0.333	0.333	0.8	235.4	8.4	360	0.0
1062	NW_040c	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.7	234.3	8.6	360	0.0
1063	NW_046c	0.466	0.466	0.466	0.466	0.466	0.466	0.466	0.466	0.7	235.2	7.8	360	0.0
1064	NW_053c	0.533	0.533	0.533	0.533	0.533	0.533	0.533	0.533	0.6	234.5	7.9	360	0.0
1065	NW_060c	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.5	231.6	7.7	360	0.0
1066	NW_066c	0.666	0.666	0.666	0.666	0.666	0.666	0.666	0.666	0.5	235.3	6.1	360	0.0
1067	NW_073c	0.734	0.734	0.734	0.734	0.734	0.734	0.734	0.734	0.2	221.2	4.9	360	0.0
1068	NW_086c	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.1	125.8	2.0	360	0.0
1069	NW_093c	0.933	0.933	0.933	0.933	0.933	0.933	0.933	0.933	0.0	92.4	0.0	360	0.0
1070	NW_100c	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.5	78.4	2.3	360	0.0
1071	NW_006c	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	275.2	0.1	360	0.0
1072	NW_100c	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.0	31.4	10.5	378	0.0
1073	ROY_100_100c	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	78.4	0.0	0.209	47.6	64.9
1074	ROY_100_100c	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	40.9	53.6	237.9	19.1	195
1075	G00B_100_100c	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	-45.4	96.2	96.5	11.7	81
1076	Y00C_100_100c	0.0	0.0	0.0	0.0	0.841	0.0	87.5	-11.0	95.6	56.2	299.0	28.4	248
1077	B00R_100_100c	0.0	0.0	0.0	0.0	0.374	1.0	22.8	25.5	-46.0	92.6	74.6	160.2	6.2
1078	G00B_100_100c	0.0	0.0	0.0	0.0	1.0	0.0	48.4	-70.3	25.1	74.6	160.2	6.2	154
1079	B50R_100_100c	1.0	0.0	1.0	0.0	0.093	0.0	34.8	49.2	-30.0	357.5	38.7	293	delta E* = 7.6