

Immettere y uscita: Offset Reflective System ORS18a

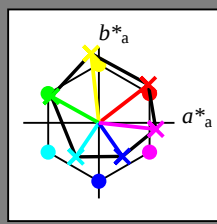
Dati del dispositivo (d) o colori elementari (e):
HIC*-

codice di tonalità per i colori
questa pagina:

H*- = R00Y-, R25Y-, ..., B75R-

ORS20a; dati atti CIELAB (a)

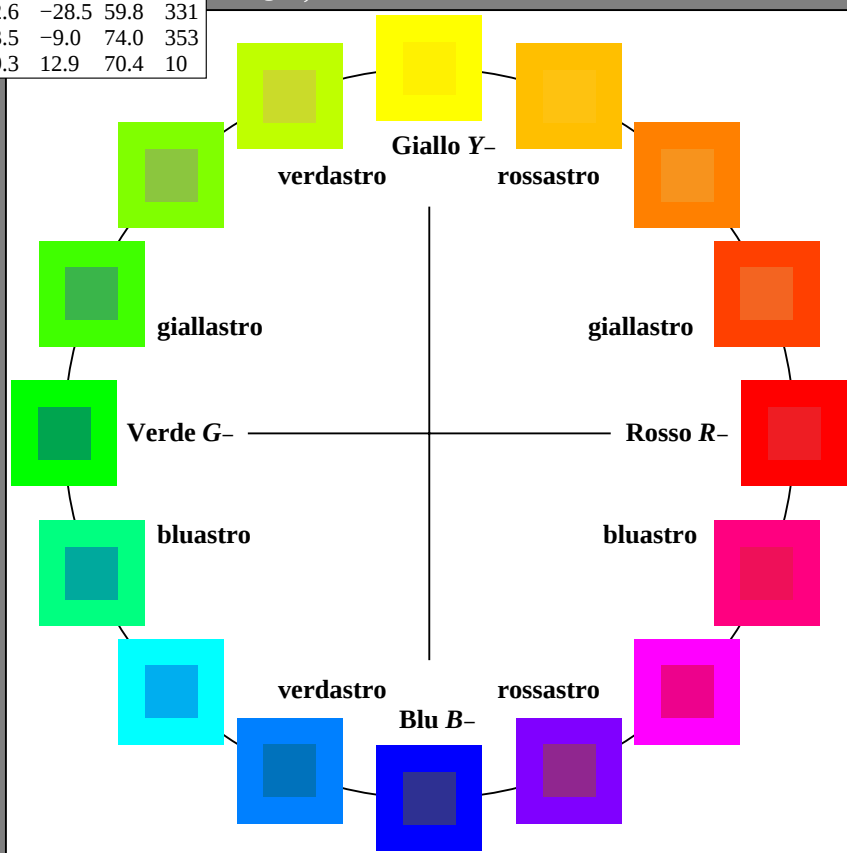
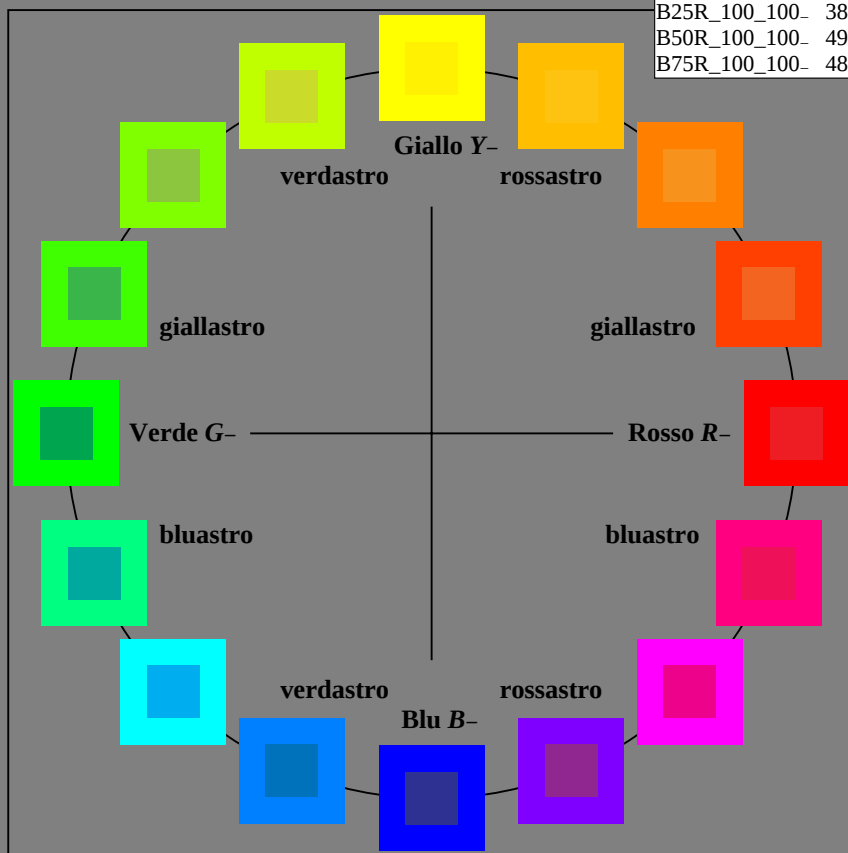
H*-	L*=L*a a*	b*	C*ab,a	h*ab,a
R00Y_100_100_	48.4	66.1	40.2	77.3
R25Y_100_100_	56.8	48.0	50.5	69.6
R50Y_100_100_	68.6	25.0	63.9	68.6
R75Y_100_100_	80.6	4.8	77.2	77.3
Y00G_100_100_	90.2	-9.6	88.2	88.7
Y25G_100_100_	83.2	-18.4	79.9	81.9
Y50G_100_100_	73.3	-31.7	62.7	70.2
Y75G_100_100_	62.0	-49.7	43.2	65.8
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



%Gamma
u*rel = 92
%Regularità
g*H,rel = 57
g*C,rel = 58

ORS18a; dati atti CIELAB (a)

name	L*=L*a a*	b*	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	0.0
W-,Ma	95.4	0.0	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



4-013031-L0 PI880-7N

grafico TUB-PI88; cerchio delle tinte a 16 passi
grafico conformemente a DIN 33872, 3D=0, de=1, cmy0

Input: rgb/cmyk -> rgb/cmyk
Output: nessun cambiamento

vedi file simili: http://farbe.li.tu-berlin.de/PI88/PI88.HTM
informazioni tecniche: http://www.ps.bam.de o http://130.149.60.45/~farbmetrik

Iscrizione TUB: 20150701-PI88/PI88L0NP.PDF /PS
Applicazione per la misura dell'output nella stampa di offset

TUB materiale: code=rha4ta

Immettere y uscita: Offset Reflective System ORS18a

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

HIC^*_e

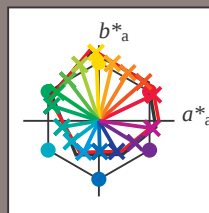
codice di tonalità per i colori

questa pagina:

$H^*_e = R00Y_e, R25Y_e, \dots, B75R_e$

ORS20a; dati atti CIELAB (a)

H^*_e	$L^*=L^*_a a^*_a$	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	
R00Y_100_100_e	45.6	72.2	34.4	80.0	25
R25Y_100_100_e	50.5	59.2	51.6	78.6	41
R50Y_100_100_e	60.2	38.2	63.4	74.1	58
R75Y_100_100_e	70.9	17.9	75.9	77.9	76
Y00G_100_100_e	83.6	-3.6	90.4	90.4	92
Y25G_100_100_e	74.5	-25.0	74.3	78.4	108
Y50G_100_100_e	62.6	-40.9	53.8	67.6	127
Y75G_100_100_e	54.1	-55.5	37.5	67.0	145
G00B_100_100_e	50.6	-62.1	19.9	65.2	162
G25B_100_100_e	53.0	-48.6	-8.2	49.2	189
G50B_100_100_e	55.0	-36.2	-27.2	45.3	216
G75B_100_100_e	53.3	-19.8	-41.3	45.9	244
B00R_100_100_e	40.2	1.2	-40.6	40.6	271
B25R_100_100_e	28.1	23.4	-40.3	46.7	300
B50R_100_100_e	31.1	47.7	-29.1	55.9	328
B75R_100_100_e	41.4	70.4	-9.8	71.1	352



%Gamma

$u^*_{rel} = 92$

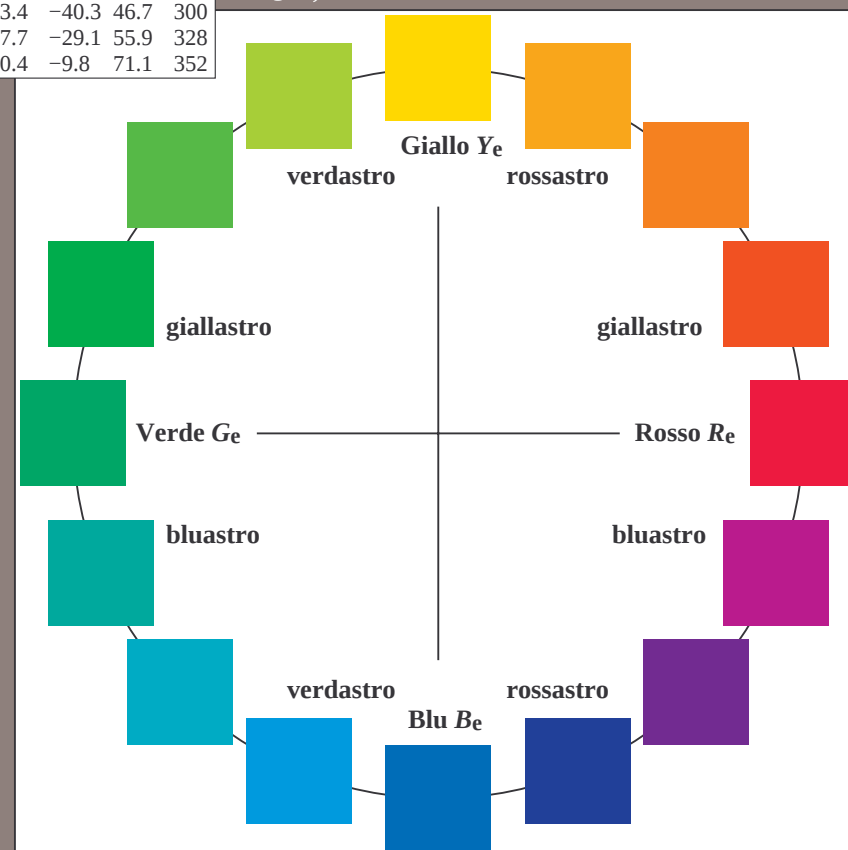
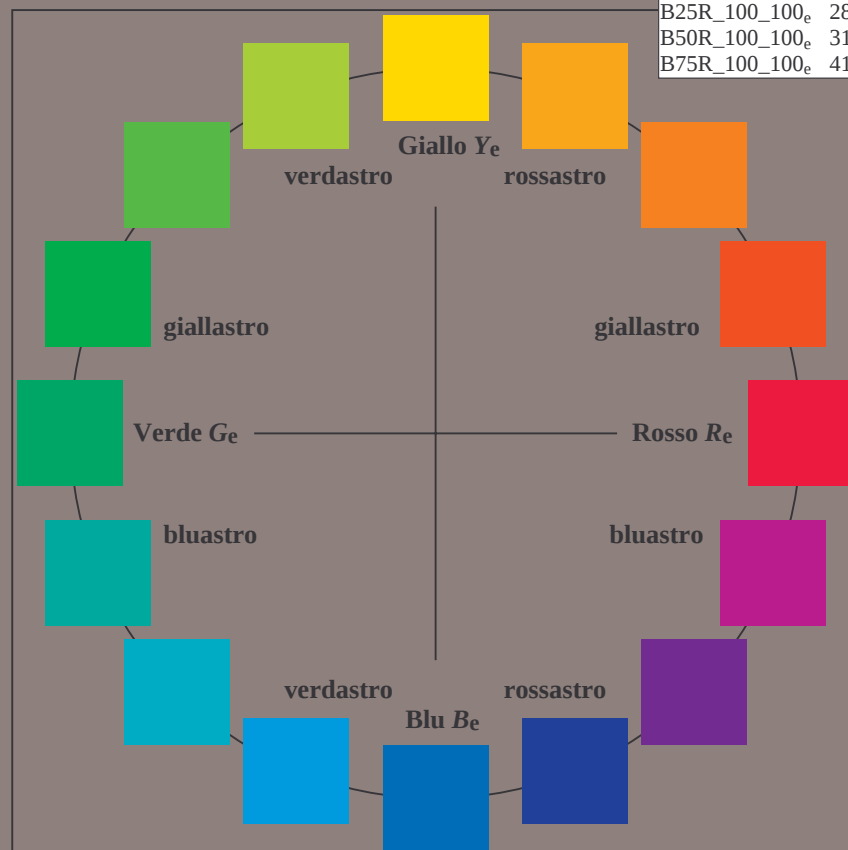
%Regularità

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

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

ORS20a; dati atti CIELAB (a)

name	$L^*=L^*_a\,a^*_a$	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	
R _e ,Ma	45.6	72.2	34.4	80.0	25
Y _e ,Ma	83.6	-3.6	90.4	90.4	92
G _e ,Ma	50.6	-62.1	19.9	65.2	162
C _e ,Ma	55.0	-36.2	-27.2	45.3	216
B _e ,Ma	40.2	1.2	-40.6	40.6	271
M _e ,Ma	31.1	47.7	-29.1	55.9	328
N _e ,Ma	24.3	0.0	0.0	0.0	0
W _e ,Ma	95.6	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



4-013131-L0 PI880-71

grafico TUB-PI88; cerchio delle tinte a 16 passi
grafico conformemente a DIN 33872, 3D=0, de=1, cmy0

Input: $rgb/cmyk \rightarrow rgb_e$

Output: trasferire a $cmy0_e$

PI8801L

iscrizione TUB: 20150701-PI88/PI88L0NP.PDF /PS
Applicazione per la misura dell'output nella stampa di offset, separazione cmy0 (CMY0)

TUB materiale: code=rh4ta

Immettere y uscita: Offset Reflective System ORS18a

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

HIC^*_e

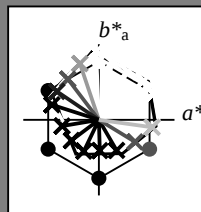
codice di tonalità per i colori

questa pagina:

$H^*_e = R00Y_e, R25Y_e, \dots, B75R_e$

ORS20a; dati atti CIELAB (a)

H^*_e	$L^*=L^*_a a^*_a$	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
R00Y_100_100_e	45.6	72.2	34.4	80.0
R25Y_100_100_e	50.5	59.2	51.6	78.6
R50Y_100_100_e	60.2	38.2	63.4	74.1
R75Y_100_100_e	70.9	17.9	75.9	77.9
Y00G_100_100_e	83.6	-3.6	90.4	90.4
Y25G_100_100_e	74.5	-25.0	74.3	78.4
Y50G_100_100_e	62.6	-40.9	53.8	67.6
Y75G_100_100_e	54.1	-55.5	37.5	67.0
G00B_100_100_e	50.6	-62.1	19.9	65.2
G25B_100_100_e	53.0	-48.6	-8.2	49.2
G50B_100_100_e	55.0	-36.2	-27.2	45.3
G75B_100_100_e	53.3	-19.8	-41.3	45.9
B00R_100_100_e	40.2	1.2	-40.6	40.6
B25R_100_100_e	28.1	23.4	-40.3	46.7
B50R_100_100_e	31.1	47.7	-29.1	55.9
B75R_100_100_e	41.4	70.4	-9.8	71.1



%Gamma

$u^*_{rel} = 92$

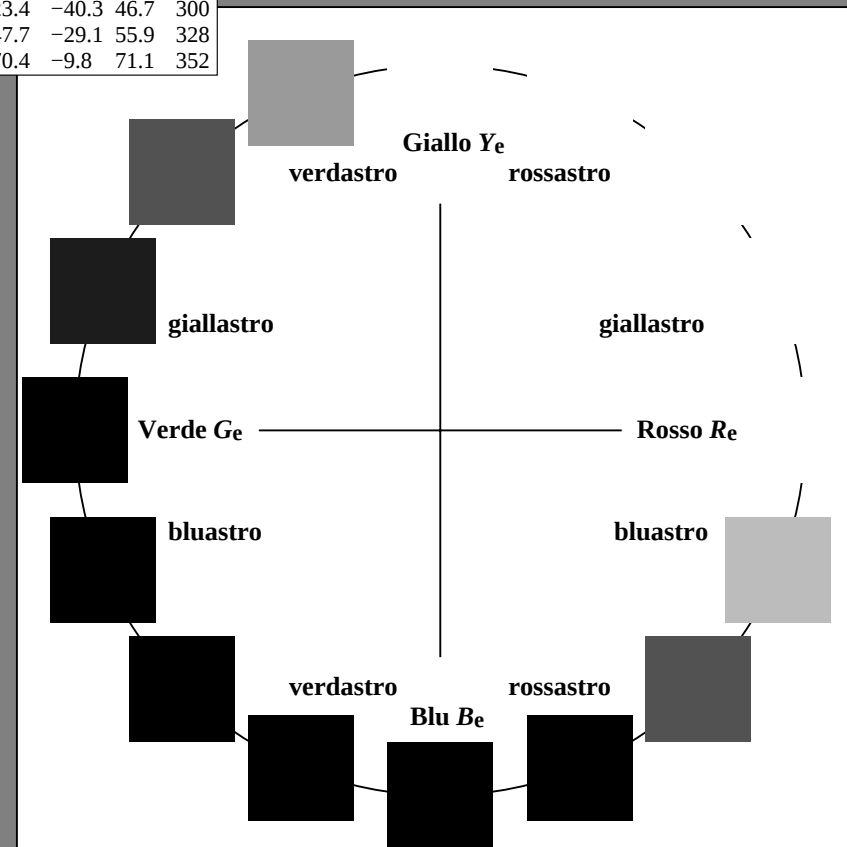
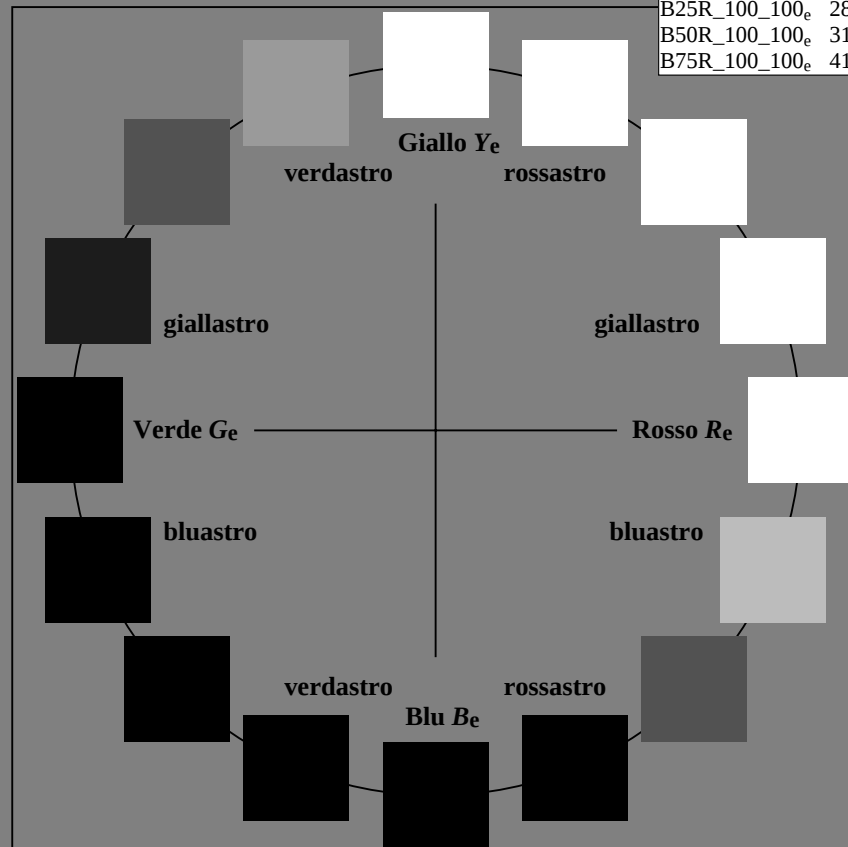
%Regularità

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

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

ORS20a; dati atti CIELAB (a)

name	$L^*=L^*_a a^*_a$	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
Re,Ma	45.6	72.2	34.4	80.0
Ye,Ma	83.6	-3.6	90.4	90.4
Ge,Ma	50.6	-62.1	19.9	65.2
Ce,Ma	55.0	-36.2	-27.2	45.3
Be,Ma	40.2	1.2	-40.6	40.6
Me,Ma	31.1	47.7	-29.1	55.9
Ne,Ma	24.3	0.0	0.0	0.0
We,Ma	95.6	0.0	0.0	0.0
Re,CIE	39.9	58.7	27.9	65.0
Ye,CIE	81.2	-2.8	71.5	71.6
Ge,CIE	52.2	-42.4	13.6	44.5
Be,CIE	30.5	1.4	-46.4	46.4



4-013231-L0 PI880-71

grafico TUB-PI88; cerchio delle tinte a 16 passi
grafico conformemente a DIN 33872, 3D=0, de=1, cmy0

Input: $rgb/cmyk \rightarrow rgb_e$
Output: trasferire a $cmy0_e$

4-013231-F0

Immettere y uscita: Offset Reflective System ORS18a

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

HIC^*_e

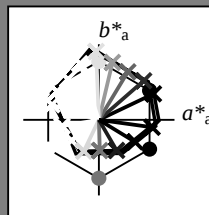
codice di tonalità per i colori

questa pagina:

$H^*_e = R00Y_e, R25Y_e, \dots, B75R_e$

ORS20a; dati atti CIELAB (a)

H^*_e	$L^*=L^*_a\ a^*_a$	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	
R00Y_100_100_e	45.6	72.2	34.4	80.0	25
R25Y_100_100_e	50.5	59.2	51.6	78.6	41
R50Y_100_100_e	60.2	38.2	63.4	74.1	58
R75Y_100_100_e	70.9	17.9	75.9	77.9	76
Y00G_100_100_e	83.6	-3.6	90.4	90.4	92
Y25G_100_100_e	74.5	-25.0	74.3	78.4	108
Y50G_100_100_e	62.6	-40.9	53.8	67.6	127
Y75G_100_100_e	54.1	-55.5	37.5	67.0	145
G00B_100_100_e	50.6	-62.1	19.9	65.2	162
G25B_100_100_e	53.0	-48.6	-8.2	49.2	189
G50B_100_100_e	55.0	-36.2	-27.2	45.3	216
G75B_100_100_e	53.3	-19.8	-41.3	45.9	244
B00R_100_100_e	40.2	1.2	-40.6	40.6	271
B25R_100_100_e	28.1	23.4	-40.3	46.7	300
B50R_100_100_e	31.1	47.7	-29.1	55.9	328
B75R_100_100_e	41.4	70.4	-9.8	71.1	352



% Gamma

$u^*_{rel} = 92$

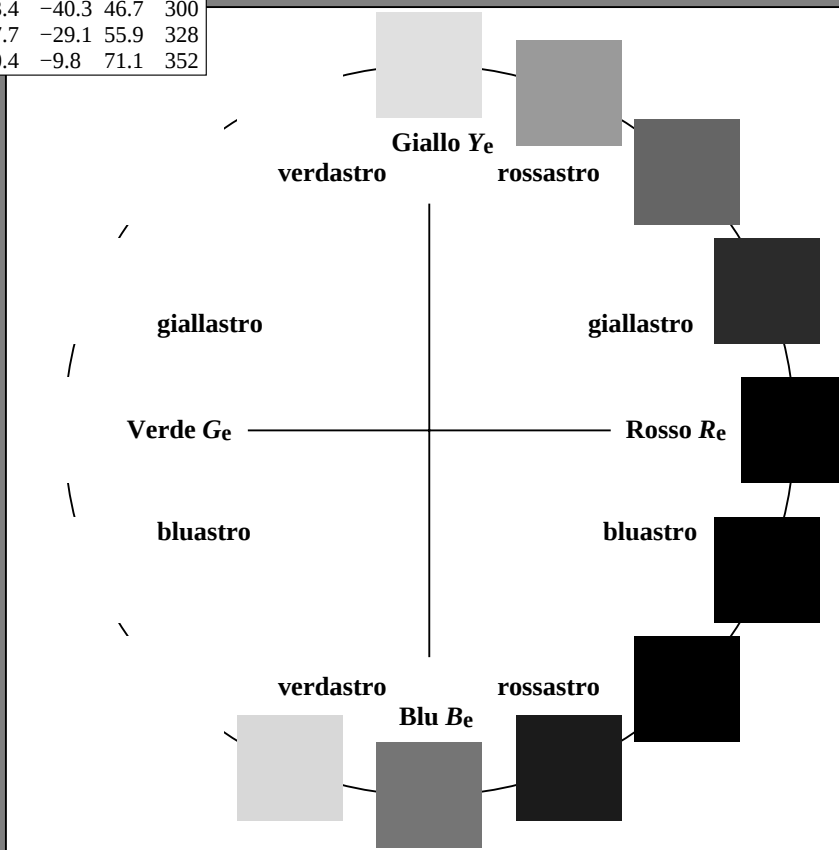
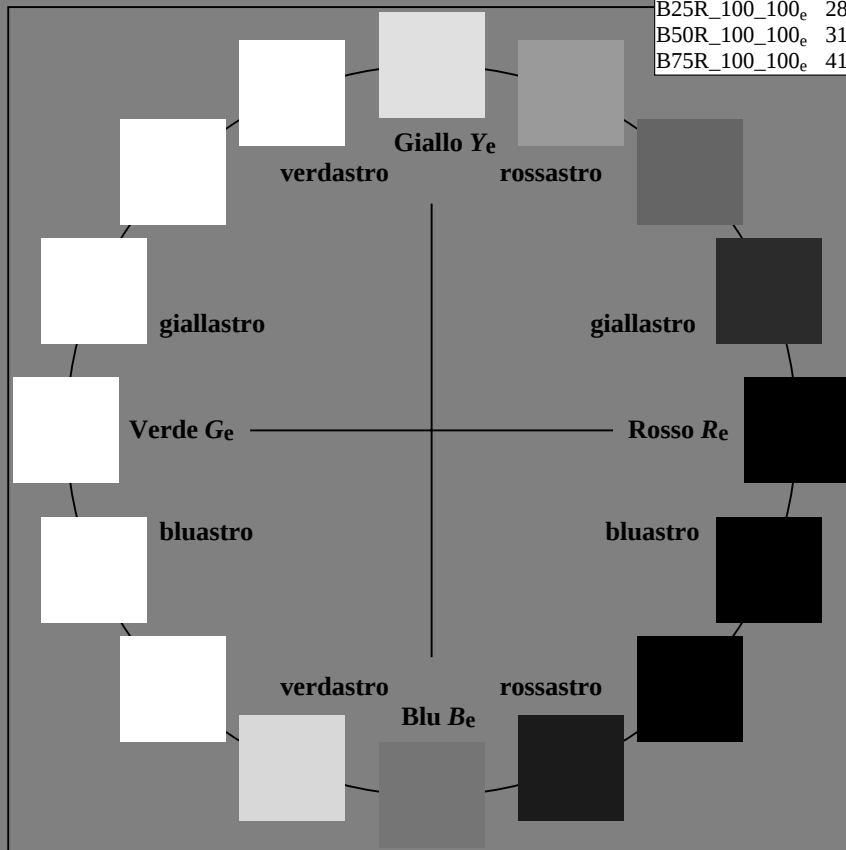
% Regularità

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

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

ORS20a; dati atti CIELAB (a)

name	$L^*=L^*_a\,a^*_a$	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	
R _e ,Ma	45.6	72.2	34.4	80.0	25
Y _e ,Ma	83.6	-3.6	90.4	90.4	92
G _e ,Ma	50.6	-62.1	19.9	65.2	162
C _e ,Ma	55.0	-36.2	-27.2	45.3	216
B _e ,Ma	40.2	1.2	-40.6	40.6	271
M _e ,Ma	31.1	47.7	-29.1	55.9	328
N _e ,Ma	24.3	0.0	0.0	0.0	0
W _e ,Ma	95.6	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



4-013331-L0 PI880-71

grafico TUB-PI88; cerchio delle tinte a 16 passi
grafico conformemente a DIN 33872, 3D=0, de=1, cmy0

Input: $rgb/cmyk \rightarrow rgb_e$
Output: trasferire a $cmy0_e$

Immettere y uscita: Offset Reflective System ORS18a

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

HIC^*_e

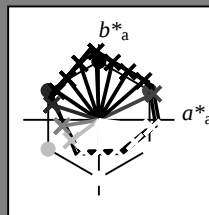
codice di tonalità per i colori

questa pagina:

$H^*_e = R00Y_e, R25Y_e, \dots, B75R_e$

ORS20a; dati atti CIELAB (a)

H^*_e	$L^*=L^*_a\ a^*_a$	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	
R00Y_100_100_e	45.6	72.2	34.4	80.0	25
R25Y_100_100_e	50.5	59.2	51.6	78.6	41
R50Y_100_100_e	60.2	38.2	63.4	74.1	58
R75Y_100_100_e	70.9	17.9	75.9	77.9	76
Y00G_100_100_e	83.6	-3.6	90.4	90.4	92
Y25G_100_100_e	74.5	-25.0	74.3	78.4	108
Y50G_100_100_e	62.6	-40.9	53.8	67.6	127
Y75G_100_100_e	54.1	-55.5	37.5	67.0	145
G00B_100_100_e	50.6	-62.1	19.9	65.2	162
G25B_100_100_e	53.0	-48.6	-8.2	49.2	189
G50B_100_100_e	55.0	-36.2	-27.2	45.3	216
G75B_100_100_e	53.3	-19.8	-41.3	45.9	244
B00R_100_100_e	40.2	1.2	-40.6	40.6	271
B25R_100_100_e	28.1	23.4	-40.3	46.7	300
B50R_100_100_e	31.1	47.7	-29.1	55.9	328
B75R_100_100_e	41.4	70.4	-9.8	71.1	352



% Gamma

$u^*_{rel} = 92$

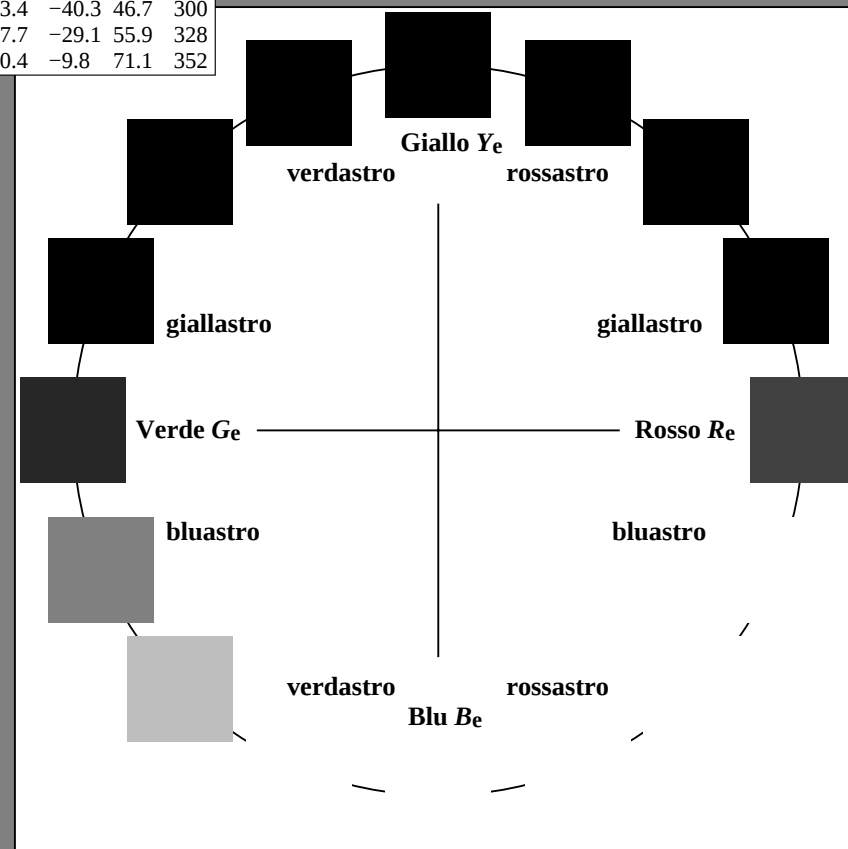
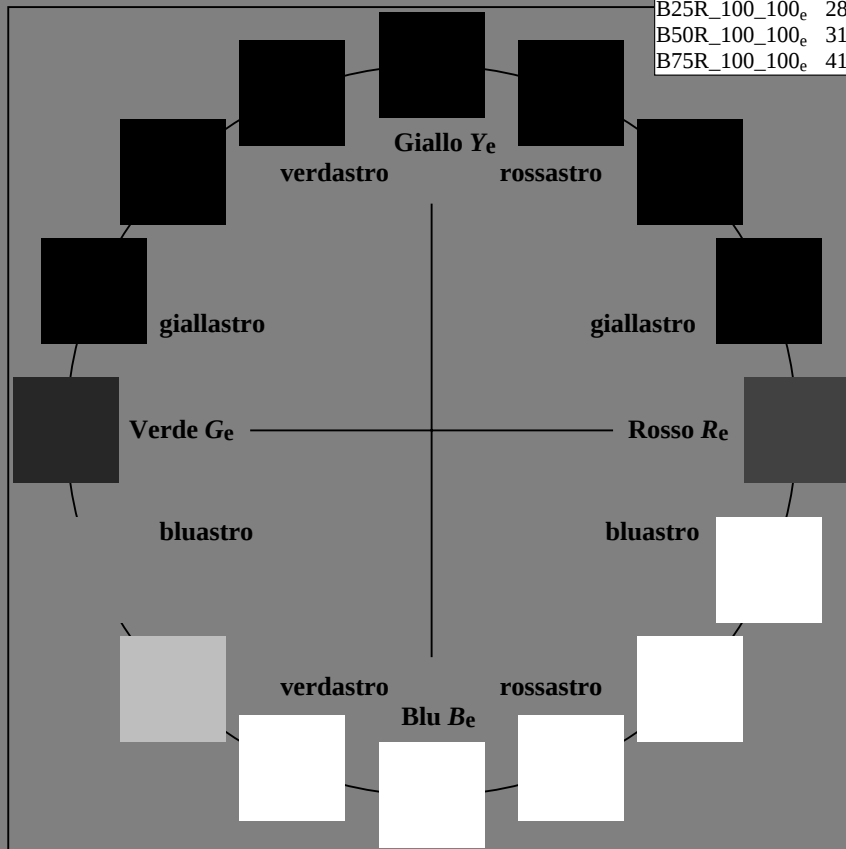
% Regularità

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

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

ORS20a; dati atti CIELAB (a)

name	$L^*=L^*_a\,a^*_a$	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	
R _e ,Ma	45.6	72.2	34.4	80.0	25
Y _e ,Ma	83.6	-3.6	90.4	90.4	92
G _e ,Ma	50.6	-62.1	19.9	65.2	162
C _e ,Ma	55.0	-36.2	-27.2	45.3	216
B _e ,Ma	40.2	1.2	-40.6	40.6	271
M _e ,Ma	31.1	47.7	-29.1	55.9	328
N _e ,Ma	24.3	0.0	0.0	0.0	0
W _e ,Ma	95.6	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



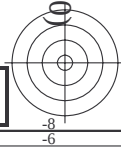
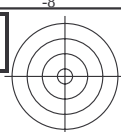
4-013431-L0 PI880-71

grafico TUB-PI88; cerchio delle tinte a 16 passi
grafico conformemente a DIN 33872, 3D=0, de=1, cmy0

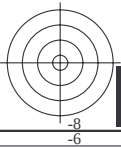
Input: $rgb/cmyk \rightarrow rgb_e$

Output: trasferire a $cmy0_e$

iscrizione TUB: 20150701-PI88/PI88L0NP.PDF /.PS TUB materiale: code=rh4ta
Applicazione per la misura dell'output output nella stampa di offset, separazione cmy0 (CMY0)



http://farbe.li.tu-berlin.de/PI88/PI88L0NP.PDF /.PS; Output di trasferimento
N: nessuna linearizzazione 3D (OL) nel file (F) o PS-startup (S), pagine 6/33



vedi file simili: <http://farbe.li.tu-berlin.de/PI88/PI88.HTM>
informazioni tecniche: <http://www.ps.bam.de> o <http://130.149.60.45/~farbmetrik>

4-013531-L0 PI880-71

grafico TUB-PI88; cerchio delle tinte a 16 passi
grafico conformemente a DIN 33872, 3D=0, de=1, cmy0

Input: $rgb/cmyk \rightarrow rgb_e$
Output: trasferire a $cmy0_e$

4-013531-E0



Data of Maximum color M in colorimetric system Offset standard print; separation cmy0*, 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 $RYGCBM_d$: $h_{ab,d} = 32.3, 96.1, 155.5, 238.4, 306.2, 359.8$; Six hue angles of the elementary colours $RYGCBM_e$: $h_{ab,e} = 25.5, 92.3, 162.2, 217.0, 271.7, 328.6$

$J=Y_d$
CIELAB (a^*_d, b^*_d)

$LCH^*_d = 87.8 \ 96.0 \ 96.1$
 $LAB^*_d = 87.8 \ -10.2 \ 95.4$
 $rgb^*_d = 1.0 \ 1.0 \ 0.0$

$L=G_d$

$LCH^*_d = 50.0 \ 71.4 \ 155.5$
 $LAB^*_d = 50.0 \ -65.0 \ 29.6$
 $rgb^*_d = 0.0 \ 1.0 \ 0.0$

$C=C_d$

$LCH^*_d = 56.8 \ 48.7 \ 238.4$
 $LAB^*_d = 56.8 \ -25.5 \ -41.5$
 $rgb^*_d = 0.0 \ 1.0 \ 1.0$

$O=R_d$

$LCH^*_d = 45.4 \ 83.9 \ 32.3$
 $LAB^*_d = 45.4 \ 70.9 \ 44.8$
 $rgb^*_d = 1.0 \ 0.0 \ 0.0$

$M=M_d$

$LCH^*_d = 46.1 \ 79.3 \ 359.8$
 $LAB^*_d = 46.1 \ 79.3 \ -0.2$
 $rgb^*_d = 1.0 \ 0.0 \ 1.0$

$V=B_d$

$LCH^*_d = 25.0 \ 50.0 \ 306.2$
 $LAB^*_d = 25.0 \ 29.5 \ -40.4$
 $rgb^*_d = 0.0 \ 0.0 \ 1.0$

Y_e
CIELAB (a^*_e, b^*_e)

$LCH^*_e = 83.6 \ 90.4 \ 92.3$
 $LAB^*_e = 83.6 \ -3.6 \ 90.4$
 $rgb^*_{de} = 1.0 \ 0.878 \ 0.0$

G_e

$LCH^*_e = 50.6 \ 65.2 \ 162.2$
 $LAB^*_e = 50.6 \ -62.1 \ 19.9$
 $rgb^*_{de} = 0.0 \ 1.0 \ 0.151$

C_e

$LCH^*_e = 55.0 \ 45.3 \ 216.9$
 $LAB^*_e = 55.0 \ -36.2 \ -27.2$
 $rgb^*_{de} = 0.0 \ 1.0 \ 0.747$

B_e

$LCH^*_e = 40.2 \ 40.6 \ 271.7$
 $LAB^*_e = 40.2 \ 1.2 \ -40.6$
 $rgb^*_{de} = 0.0 \ 0.458 \ 1.0$

R_e

$LCH^*_e = 45.6 \ 80.0 \ 25.4$
 $LAB^*_e = 45.6 \ 72.2 \ 34.4$
 $rgb^*_{de} = 1.0 \ 0.0 \ 0.254$

M_e

$LCH^*_e = 31.1 \ 55.9 \ 328.6$
 $LAB^*_e = 31.1 \ 47.7 \ -29.1$
 $rgb^*_{de} = 0.321 \ 0.0 \ 1.0$

Y_s
CIELAB (a^*_s, b^*_s)

$LCH^*_s = 81.4 \ 87.9 \ 90.0$
 $LAB^*_s = 81.4 \ 0.0 \ 87.9$
 $rgb^*_{ds} = 1.0 \ 0.828 \ 0.0$

G_s

$LCH^*_s = 52.3 \ 68.9 \ 150.0$
 $LAB^*_s = 52.3 \ -59.6 \ 34.4$
 $rgb^*_{ds} = 0.062 \ 1.0 \ 0.0$

R_s

$LCH^*_s = 45.5 \ 82.4 \ 30.0$
 $LAB^*_s = 45.5 \ 71.3 \ 41.2$
 $rgb^*_{ds} = 1.0 \ 0.0 \ 0.096$

M_s

$LCH^*_s = 31.6 \ 56.5 \ 330.0$
 $LAB^*_s = 31.6 \ 49.0 \ -28.2$
 $rgb^*_{ds} = 0.337 \ 0.0 \ 1.0$

C_s

$LCH^*_s = 54.5 \ 45.7 \ 210.0$
 $LAB^*_s = 54.5 \ -39.6 \ -22.8$
 $rgb^*_{ds} = 0.0 \ 1.0 \ 0.685$

B_s

$LCH^*_s = 40.9 \ 40.6 \ 270.0$
 $LAB^*_s = 40.9 \ 0.0 \ -40.6$
 $rgb^*_{ds} = 0.0 \ 0.479 \ 1.0$

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

$rgb^*_{de} LCH^*_e LAB^*_e$

$h_{ab,s}$

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

$h_{ab,s}$

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

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

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

$h_{ab,e}$

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

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

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

$h_{ab,d}$

rgb^*_{de}

4-013631-L0 PI880-71 LAB*la0, YN=0%, XYZnw=3.6, 4.2, 6.1, 85.4, 89.1, 104.8, LAB*nw=24.4, 0.0, 0.0, 95.6, 0.0, 0.0

grafico TUB-PI88; cerchio delle tinte a 16 passi
cerchio delle tinte a 48 passi; $rgb-LabCh^*$ tavole

Input: $rgb/cmyk \rightarrow rgb_e$
Output: trasferire a $cmy0_e$

uscita: Offset standard print; separation cmy0*, D65, pagina 7/33

Data of Maximum color M in colorimetric system Offset standard print; separation cmy0*, 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 $RYGCBM_d$: $h_{ab,d} = 32.3, 96.1, 155.5, 238.4, 306.2, 359.8$; 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}								$LAB^*_{ddx64M}(x=LabCh)$								$rgb^*_{ddx361M}$								$LAB^*_{ddx361M}(x=LabCh)$								$rgb^*_{dsx361M}$								$LAB^*_{dsx361M}(x=LabCh)$								$rgb^*_{dex361M}$								$LAB^*_{dex361M}$							
32.3	30.0	25.4	1.0	0.0	0.0	45.4	70.9	44.8	83.9	32.3	1.0	0.0	0.0	45.5	70.9	44.9	83.9	32	1.0	0.0	0.096	45.5	71.4	41.2	82.4	30	1.0	0.0	0.255	45.7	72.2	34.4	80.0	25	1.0	0.0	0.096	45.5	71.4	41.2	82.4	30	1.0	0.0	0.255	45.7	72.2	34.4	80.0	25																
38.1	37.5	33.8	1.0	0.125	0.0	48.9	62.8	49.4	79.9	38.1	1.0	0.117	0.0	48.7	63.4	49.1	80.2	37	1.0	0.1	0.0	48.2	64.5	48.6	80.7	37	1.0	0.021	0.0	46.0	69.6	45.7	83.3	33	1.0	0.021	0.0	46.0	69.6	45.7	83.3	33	1.0	0.021	0.0	46.0	69.6	45.7	83.3	33																
46.8	45.0	42.1	1.0	0.25	0.0	53.6	51.9	55.5	76.0	46.8	1.0	0.25	0.0	53.7	52.0	55.5	76.0	46	1.0	0.223	0.0	52.7	54.4	54.4	76.9	45	1.0	0.183	0.0	51.1	57.9	52.5	78.1	42	1.0	0.183	0.0	51.1	57.9	52.5	78.1	42	1.0	0.183	0.0	51.1	57.9	52.5	78.1	42																
56.9	52.5	50.5	1.0	0.375	0.0	59.1	40.3	62.0	74.0	56.9	1.0	0.367	0.0	58.8	41.1	61.7	74.2	56	1.0	0.313	0.0	56.5	46.2	59.1	75.0	52	1.0	0.288	0.0	55.4	48.5	57.8	75.4	49	1.0	0.288	0.0	55.4	48.5	57.8	75.4	49	1.0	0.288	0.0	55.4	48.5	57.8	75.4	49																
67.1	60.0	58.8	1.0	0.5	0.0	64.9	28.9	68.6	74.5	67.1	1.0	0.5	0.0	64.9	28.9	68.7	74.5	67	1.0	0.412	0.0	60.9	37.1	64.2	74.2	60	1.0	0.398	0.0	60.3	38.3	63.5	74.1	58	1.0	0.398	0.0	60.3	38.3	63.5	74.1	58	1.0	0.398	0.0	60.3	38.3	63.5	74.1	58																
78.6	67.5	67.2	1.0	0.625	0.0	72.1	15.4	77.1	78.6	78.6	1.0	0.617	0.0	71.6	16.5	76.7	78.4	77	1.0	0.498	0.0	64.8	29.1	68.6	74.5	67	1.0	0.494	0.0	64.6	29.5	68.4	74.5	66	1.0	0.494	0.0	64.6	29.5	68.4	74.5	66	1.0	0.494	0.0	64.6	29.5	68.4	74.5	66																
86.2	75.0	75.6	1.0	0.75	0.0	77.9	5.4	83.8	84.0	86.2	1.0	0.75	0.0	77.9	5.5	83.9	84.1	86	1.0	0.585	0.0	69.8	20.0	74.7	77.4	75	1.0	0.592	0.0	70.2	19.3	75.2	77.6	75	1.0	0.592	0.0	70.2	19.3	75.2	77.6	75	1.0	0.592	0.0	70.2	19.3	75.2	77.6	75																
92.1	82.5	83.9	1.0	0.875	0.0	83.4	-3.4	90.2	90.2	92.1	1.0	0.867	0.0	83.1	-2.7	89.8	89.9	91	1.0	0.68	0.0	74.7	11.3	80.3	81.1	82	1.0	0.703	0.0	75.8	9.4	81.5	82.0	83	1.0	0.703	0.0	75.8	9.4	81.5	82.0	83	1.0	0.703	0.0	75.8	9.4	81.5	82.0	83																
96.1	90.0	92.3	1.0	1.0	0.0	87.8	-10.2	95.4	96.0	96.1	1.0	1.0	0.0	87.8	-10.1	95.5	96.0	96	1.0	0.829	0.0	81.4	0.0	88.0	88.0	90	1.0	0.879	0.0	83.6	-3.6	90.4	90.5	92	1.0	0.879	0.0	83.6	-3.6	90.4	90.5	92	1.0	0.879	0.0	83.6	-3.6	90.4	90.5	92																
98.8	97.5	101.0	0.875	1.0	0.0	84.3	-13.9	89.2	90.3	98.8	0.883	1.0	0.0	84.6	-13.6	89.7	90.7	98	0.959	1.0	0.0	86.7	-11.4	93.5	94.2	97	0.807	1.0	0.0	82.4	-15.8	86.2	87.7	100	0.807	1.0	0.0	82.4	-15.8	86.2	87.7	100	0.807	1.0	0.0	82.4	-15.8	86.2	87.7	100																
101.8	105.0	109.7	0.75	1.0	0.0	80.7	-17.5	83.5	85.3	101.8	0.75	1.0	0.0	80.8	-17.4	83.6	85.4	101	0.682	1.0	0.0	77.8	-21.2	79.4	82.2	105	0.583	1.0	0.0	73.7	-26.1	72.7	77.3	109	0.583	1.0	0.0	73.7	-26.1	72.7	77.3	109	0.583	1.0	0.0	73.7	-26.1	72.7	77.3	109																
107.6	112.5	118.5	0.625	1.0	0.0	75.3	-24.0	75.7	79.4	107.6	0.633	1.0	0.0	75.7	-23.6	76.3	79.9	107	0.54	1.0	0.0	72.1	-28.0	69.5	75.0	112	0.434	1.0	0.0	68.0	-32.9	62.2	70.5	117	0.434	1.0	0.0	68.0	-32.9	62.2	70.5	117	0.434	1.0	0.0	68.0	-32.9	62.2	70.5	117																
114.0	120.0	127.2	0.5	1.0	0.0	70.6	-29.7	66.5	72.8	114.0	0.5	1.0	0.0	70.6	-29.6	66.5	72.8	114	0.399	1.0	0.0	66.7	-34.5	59.9	69.2	120	0.322	1.0	0.0	62.6	-40.8	53.8	67.6	127	0.322	1.0	0.0	62.6	-40.8	53.8	67.6	127	0.322	1.0	0.0	62.6	-40.8	53.8	67.6	127																
121.4	127.5	136.0	0.375	1.0	0.0	65.7	-35.6	58.3	68.3	121.4	0.383	1.0	0.0	66.1	-35.2	58.9	68.6	120	0.325	1.0	0.0	62.8	-40.6	54.0	67.6	127	0.249	1.0	0.0	58.4	-47.4	46.8	66.6	135	0.249	1.0	0.0	58.4	-47.4	46.8	66.6	135	0.249	1.0	0.0	58.4	-47.4	46.8	66.6	135																
135.3	135.0	144.7	0.25	1.0	0.0	58.4	-47.3	46.8	66.6	135.3	0.25	1.0	0.0	58.4	-47.3	46.9	66.6	135	0.253	1.0	0.0	58.6	-47.0	47.1	66.7	135	0.122	1.0	0.0	54.6	-54.2	38.4	66.5	144	0.122	1.0	0.0	54.6	-54.2	38.4	66.5	144	0.122	1.0	0.0	54.6	-54.2	38.4	66.5	144																
144.4	142.5	153.4	0.125	1.0	0.0	54.7	-53.9	38.5	66.3	144.4	0.133	1.0	0.0	55.0	-53.5	39.2	66.4	143	0.159	1.0	0.0	55.7	-52.3	40.9	66.4	142	0.03	1.0	0.0	51.2	-62.4	32.0	70.2	152	0.03	1.0	0.0	51.2	-62.4	32.0	70.2	152	0.03	1.0	0.0	51.2	-62.4	32.0	70.2	152																
155.5	150.0	162.2	0.0	1.0	0.0	50.0	-65.0	29.6	71.4	155.5	0.0	1.0	0.0	50.1	-64.9	29.6	71.4	155	0.062	1.0	0.0	52.4	-59.6	34.5	68.9	150	0.0	1.0	0.151	50.7	-62.0	19.9	65.2	162	0.0	1.0	0.151	50.7	-62.0	19.9	65.2	162	0.0	1.0	0.151	50.7	-62.0	19.9	65.2	162																
160.7	157.5	169.0	0.0	1.0	0.125	50.5	-62.8	21.9	66.5	160.7	0.0	1.0	0.117	50.5	-62.9	22.4	66.9	160	0.0	1.0	0.035	50.2	-64.4	27.4	70.0	157	0.0	1.0	0.261	51.3	-58.5	11.8	59.8	168	0.0	1.0	0.261	51.3	-58.5	11.8	59.8	168	0.0	1.0	0.261	51.3	-58.5	11.8	59.8	168																
167.7	165.0	175.9	0.0	1.0	0.25	51.2	-58.9	12.7	60.3	167.7	0.0	1.0	0.25	51.2	-58.8	12.7	60.3	167	0.0	1.0	0.2	51.0	-60.5	16.2	62.8	165	0.0	1.0	0.364	52.0	-55.0	3.9	55.2	175	0.0	1.0	0.364	52.0	-55.0	3.9	55.2	175	0.0	1.0	0.364	52.0	-55.0	3.9	55.2	175																
176.7	172.5	182.7	0.0	1.0	0.375	52.0	-54.5	3.1	54.6	176.7	0.0	1.0	0.367	52.0	-54.8	3.7	55.1	176	0.0	1.0	0.309	51.6	-57.0	8.0	57.7	172	0.0	1.0	0.43	52.5	-52.2	-2.0	52.3	182	0.0	1.0	0.43	52.5	-52.2	-2.0	52.3	182	0.0	1.0	0.43	52.5	-52.2	-2.0	52.3	182																
189.3	180.0	189.6	0.0	1.0	0.5	52.9	-48.6	-8.0	49.3	189.3	0.0	1.0	0.5	53.0	-48.6	-7.9	49.3	189	0.0	1.0	0.407	52.3	-53.2	0.0	53.3	180	0.0	1.0	0.502	53.0	-48.5	-8.1	49.3	189	0.0	1.0	0.502	53.0	-48.5	-8.1	49.3	189	0.0	1.0	0.502	53.0	-48.5	-8.1	49.3	189																
203.2	187.5	196.4	0.0	1.0	0.625	54.0	-42.3	-18.1	46.1	203.2	0.0	1.0	0.617	54.0	-42.8	-17.5	46.3	202	0.0	1.0	0.477	52.8	-49.9	-6.0	50.3	187	0.0	1.0	0.56	53.5	-45.9	-13.1	47.8	195	0.0	1.0	0.56	53.5	-45.9	-13.1	47.8	195	0.0	1.0	0.56	53.5	-45.9	-13.1	47.8	195																
217.2	195.0	203.2	0.0	1.0	0.75	55.0	-36.0	-27.4	45.3	217.2	0.0	1.0	0.75	55.0	-35.9	-27.3	45.3	217	0.0	1.0	0.551	53.4	-46.3	-12.3	48.0	195	0.0	1.0	0.626	54.1	-42.3	-18.1	46.1	203	0.0	1.0																														

Data of Maximum color M in colorimetric system Offset standard print; separation cmy0*, 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 $RYGCBM_d$: $h_{ab,d} = 32.3, 96.1, 155.5, 238.4, 306.2, 359.8$; 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
32.3	30.0	25.4	1.0	0.0	0.0	45.4	70.9	44.8	83.9	32.3	32.3	1.0	0.0	0.255	45.7	72.2	34.4	80.0	25						
38.1	37.5	33.8	1.0	0.125	0.0	48.9	62.8	49.4	79.9	38.1	38.1	1.0	0.021	0.0	46.0	69.6	45.7	83.3	33						
46.8	45.0	42.1	1.0	0.25	0.0	53.6	51.9	55.5	76.0	46.8	46.8	1.0	0.183	0.0	51.1	57.9	52.5	78.1	42						
56.9	52.5	50.5	1.0	0.375	0.0	59.1	40.3	62.0	74.0	56.9	56.9	1.0	0.288	0.0	55.4	48.5	57.8	75.4	49						
67.1	60.0	58.8	1.0	0.5	0.0	64.9	28.9	68.6	74.5	67.1	67.1	1.0	0.398	0.0	60.3	38.3	63.5	74.1	58						
78.6	67.5	67.2	1.0	0.625	0.0	72.1	15.4	77.1	78.6	78.6	78.6	1.0	0.494	0.0	64.6	29.5	68.4	74.5	66						
86.2	75.0	75.6	1.0	0.75	0.0	77.9	5.4	83.8	84.0	86.2	86.2	1.0	0.592	0.0	70.2	19.3	75.2	77.6	75						
92.1	82.5	83.9	1.0	0.875	0.0	83.4	-3.4	90.2	90.2	92.1	92.1	1.0	0.703	0.0	75.8	9.4	81.5	82.0	83						
96.1	90.0	92.3	1.0	1.0	0.0	87.8	-10.2	95.4	96.0	96.1	96.1	1.0	0.879	0.0	83.6	-3.6	90.4	90.5	92						
98.8	97.5	101.0	0.875	1.0	0.0	84.3	-13.9	89.2	90.3	98.8	98.8	0.807	1.0	0.0	82.4	-15.8	86.2	87.7	100						
101.8	105.0	109.7	0.75	1.0	0.0	80.7	-17.5	83.5	85.3	101.8	101.8	0.583	1.0	0.0	73.7	-26.1	72.7	77.3	109						
107.6	112.5	118.5	0.625	1.0	0.0	75.3	-24.0	75.7	79.4	107.6	107.6	0.434	1.0	0.0	68.0	-32.9	62.2	70.5	117						
114.0	120.0	127.2	0.5	1.0	0.0	70.6	-29.7	66.5	72.8	114.0	114.0	0.322	1.0	0.0	62.6	-40.8	53.8	67.6	127						
121.4	127.5	136.0	0.375	1.0	0.0	65.7	-35.6	58.3	68.3	121.4	121.4	0.249	1.0	0.0	58.4	-47.4	46.8	66.6	135						
135.3	135.0	144.7	0.25	1.0	0.0	58.4	-47.3	46.8	66.6	135.3	135.3	0.122	1.0	0.0	54.6	-54.2	38.4	66.5	144						
144.4	142.5	153.4	0.125	1.0	0.0	54.7	-53.9	38.5	66.3	144.4	144.4	0.03	1.0	0.0	51.2	-62.4	32.0	70.2	152						
155.5	150.0	162.2	0.0	1.0	0.0	50.0	-65.0	29.6	71.4	155.5	155.5	0.0	1.0	0.151	50.7	-62.0	19.9	65.2	162						
160.7	157.5	169.0	0.0	1.0	0.125	50.5	-62.8	21.9	66.5	160.7	160.7	0.0	1.0	0.261	51.3	-58.5	11.8	59.8	168						
167.7	165.0	175.9	0.0	1.0	0.25	51.2	-58.9	12.7	60.3	167.7	167.7	0.0	1.0	0.364	52.0	-55.0	3.9	55.2	175						
176.7	172.5	182.7	0.0	1.0	0.375	52.0	-54.5	3.1	54.6	176.7	176.7	0.0	1.0	0.43	52.5	-52.2	-2.0	52.3	182						
189.3	180.0	189.6	0.0	1.0	0.5	52.9	-48.6	-8.0	49.3	189.3	189.3	0.0	1.0	0.502	53.0	-48.5	-8.1	49.3	189						
203.2	187.5	196.4	0.0	1.0	0.625	54.0	-42.3	-18.1	46.1	203.2	203.2	0.0	1.0	0.56	53.5	-45.9	-13.1	47.8	195						
217.2	195.0	203.2	0.0	1.0	0.75	55.0	-36.0	-27.4	45.3	217.2	217.2	0.0	1.0	0.626	54.1	-42.3	-18.1	46.1	203						
228.3	202.5	210.1	0.0	1.0	0.875	55.8	-30.7	-34.5	46.2	228.3	228.3	0.0	1.0	0.682	54.5	-39.6	-22.6	45.7	209						
238.4	210.0	216.9	0.0	1.0	1.0	56.8	-25.5	-41.5	48.7	238.4	238.4	0.0	1.0	0.747	55.0	-36.1	-27.2	45.3	216						
242.9	217.5	223.8	0.0	0.875	1.0	54.1	-21.1	-41.3	46.4	242.9	242.9	0.0	1.0	0.819	55.5	-33.2	-31.3	45.8	223						
249.3	225.0	230.6	0.0	0.75	1.0	50.4	-15.5	-41.1	43.9	249.3	249.3	0.0	1.0	0.904	56.1	-29.6	-36.1	46.8	230						
256.9	232.5	237.5	0.0	0.625	1.0	46.5	-9.4	-40.8	41.9	256.9	256.9	0.0	1.0	0.983	56.7	-26.2	-40.5	48.4	237						
268.2	240.0	244.3	0.0	0.5	1.0	41.7	-1.2	-40.6	40.6	268.2	268.2	0.0	0.847	1.0	53.3	-19.8	-41.3	45.9	244						
278.6	247.5	251.2	0.0	0.375	1.0	37.3	6.1	-40.2	40.7	278.6	278.6	0.0	0.726	1.0	49.7	-14.3	-41.1	43.6	250						
289.6	255.0	258.0	0.0	0.25	1.0	32.8	14.3	-40.2	42.7	289.6	289.6	0.0	0.613	1.0	46.1	-8.6	-40.8	41.9	258						
299.0	262.5	264.8	0.0	0.125	1.0	28.6	22.4	-40.2	46.1	299.0	299.0	0.0	0.542	1.0	43.4	-3.9	-40.8	41.1	264						
306.2	270.0	271.7	0.0	0.0	1.0	25.0	29.5	-40.4	50.0	306.2	306.2	0.0	0.458	1.0	40.3	1.2	-40.6	40.7	271						
314.7	277.5	278.8	0.125	0.0	1.0	27.9	36.0	-36.4	51.2	314.7	314.7	0.0	0.378	1.0	37.5	5.9	-40.2	40.7	278						
322.1	285.0	285.9	0.25	0.0	1.0	28.8	41.9	-32.5	53.1	322.1	322.1	0.0	0.292	1.0	34.4	11.6	-40.3	42.0	285						
333.3	292.5	293.0	0.375	0.0	1.0	32.7	51.8	-26.0	58.0	333.3	333.3	0.0	0.211	1.0	31.5	16.8	-40.3	43.8	292						
340.5	300.0	300.1	0.5	0.0	1.0	35.6	58.6	-20.7	62.1	340.5	340.5	0.0	0.106	1.0	28.1	23.5	-40.3	46.7	300						
347.9	307.5	307.2	0.625	0.0	1.0	38.1	65.4	-14.0	66.9	347.9	347.9	0.009	0.0	1.0	25.3	30.1	-40.1	50.2	306						
352.5	315.0	314.3	0.75	0.0	1.0	41.8	71.0	-9.2	71.6	352.5	352.5	0.12	0.0	1.0	27.8	35.8	-36.5	51.2	314						
356.1	322.5	321.4	0.875	0.0	1.0	44.2	75.2	-5.0	75.3	356.1	356.1	0.231	0.0	1.0	28.7	41.1	-33.2	52.9	321						
359.8	330.0	328.6	1.0	0.0	1.0	46.1	79.3	-0.2	79.3	359.8	359.8	0.322	0.0	1.0	31.1	47.8	-29.1	56.0	328						
363.0	337.5	335.7	1.0	0.0	0.875	45.9	78.2	4.1	78.3	363.0	363.0	0.408	0.0	1.0	33.5	53.7	-24.7	59.1	335						
366.4	345.0	342.8	1.0	0.0	0.75	45.9	77.1	8.6	77.6	366.4	366.4	0.539	0.0	1.0	36.4	60.8	-18.7	63.7	342						
371.1	352.5	349.9	1.0	0.0	0.625	46.0	75.6	14.8	77.0	371.1	371.1	0.667	0.0	1.0	39.3	67.4	-12.4	68.5	349						
375.9	360.0	357.0	1.0	0.0	0.5	45.9	74.2	21.1	77.1	375.9	375.9	0.736	0.0	1.0	41.4	70.5	-9.7	71.1	352						
381.2	367.5	364.1	1.0	0.0	0.375	45.8	72.9	28.3	78.3	381.2	381.2	1.0	0.0	1.0	46.1	79.3	-0.1	79.3	359						
385.6	375.0	371.2	1.0	0.0	0.25	45.6	72.1	34.6	80.0	385.6	385.6	1.0	0.0	0.687	46.0	76.5	11.8	77.4	368						
389.3	382.5	378.3	1.0	0.0	0.125	45.5	71.4	40.1	81.9	389.3	389.3	1.0	0.0	0.485	45.9	74.1	22.0	77.3	376						
392.3	390.0	385.4	1.0	0.0	0.0	45.4	70.9	44.8	83.9	392.3	392.3	1.0	0.0	0.255	45.7	72.2	34.4	80.0	385						

4-013831-L0

PI880-71

LAB*la0, YN=0%, XYZnw=3.6, 4.2, 6.1, 85.4, 89.1, 104.8, LAB*nw=24.4, 0.0, 0.0, 95.6, 0.0, 0.0

uscita: Offset standard print; separation cmy0*, D65, pagina 9/33

grafico TUB-PI88; cerchio delle tinte a 16 passi
cerchio delle tinte a 48 passi; $rgb-LabCh$ *tavole

Input: $rgb/cmyk \rightarrow rgb_e$
Output: trasferire a $cmy0_e$

Data of Maximum color M in colorimetric system Offset standard print; separation cmy0*, D65 for input or output; Six hue angles of the 60 degree standard colours RYGBM_s: $h_{ab,ds} = 30.0, 90.0, 150.0, 210.0, 270.0, 330.0$;
Six hue angles of the device colours RYGBM_d: $h_{ab,d} = 32.3, 96.1, 155.5, 238.4, 306.2, 359.8$; Six hue angles of the elementary colours RYGBM_e: $h_{ab,e} = 25.5, 92.3, 162.2, 217.0, 271.7, 328.6$

Six hue angles of the device colours $RYGCBM_d$: $h_{ab,d} = 32.3, 96.1, 155.5, 238.4, 306.2, 359.8$; 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^*_{d361Mi}	$rgb^*_{ds361Mi}$	$LAB^*_{ds361Mi}$	$rgb^*_{de361Mi}$	$LAB^*_{de361Mi}$	$rgb^*_{dd361Mi}$	$LAB^*_{dd361Mi}$	$rgb^*_{de361Mi}$	$LAB^*_{de361Mi}$	$rgb^*_{dd361Mi}$	$LAB^*_{dd361Mi}$	$rgb^*_{de361Mi}$	$LAB^*_{de361Mi}$																				
32	30	25	1.0	0.0	0.0	45.4	70.9	44.8	83.9	32	R_d	1.0	0.0	0.096	45.5	71.4	41.2	82.4	30	R_s	1.0	0.0	0.0	0.0	1.0	0.0	0.255	45.7	72.2	34.4	80.0	25	R_e	1.0	0.0	0.0	0.0
33	31	26	1.0	0.016	0.0	45.9	69.8	45.5	83.4	33		1.0	0.0	0.055	45.5	71.2	42.8	83.1	31		1.0	0.017	0.0	0.0	1.0	0.0	0.218	45.6	72.0	36.1	80.6	26		1.0	0.017	0.0	0.0
33	32	27	1.0	0.033	0.0	46.3	68.8	46.1	82.8	33		1.0	0.0	0.013	45.5	71.0	44.4	83.7	32		1.0	0.033	0.0	0.0	1.0	0.0	0.18	45.6	71.8	37.7	81.1	27		1.0	0.033	0.0	0.0
34	33	28	1.0	0.05	0.0	46.8	67.7	46.8	82.3	34		1.0	0.015	0.0	45.9	70.0	45.5	83.5	33		1.0	0.05	0.0	0.0	1.0	0.0	0.142	45.6	71.6	39.4	81.7	28		1.0	0.05	0.0	0.0
35	34	29	1.0	0.066	0.0	47.3	66.6	47.4	81.8	35		1.0	0.036	0.0	46.5	68.6	46.3	82.8	34		1.0	0.067	0.0	0.0	1.0	0.0	0.099	45.5	71.4	41.1	82.4	29		1.0	0.067	0.0	0.0
36	35	31	1.0	0.083	0.0	47.7	65.5	48.0	81.2	36		1.0	0.057	0.0	47.1	67.3	47.1	82.1	35		1.0	0.083	0.0	0.0	1.0	0.0	0.053	45.5	71.2	42.9	83.1	31		1.0	0.083	0.0	0.0
36	36	32	1.0	0.1	0.0	48.2	64.4	48.5	80.7	36		1.0	0.079	0.0	47.6	65.9	47.9	81.4	36		1.0	0.1	0.0	0.0	1.0	0.0	0.006	45.5	71.0	44.6	83.8	32		1.0	0.1	0.0	0.0
37	37	33	1.0	0.116	0.0	48.6	63.3	49.1	80.2	37		1.0	0.1	0.0	48.2	64.5	48.6	80.7	37		1.0	0.117	0.0	0.0	1.0	0.021	0.0	46.0	69.6	45.7	83.3	33		1.0	0.117	0.0	0.0
38	38	34	1.0	0.133	0.0	49.2	62.1	49.8	79.6	38		1.0	0.121	0.0	48.8	63.1	49.3	80.1	38		1.0	0.133	0.0	0.0	1.0	0.044	0.0	46.7	68.1	46.6	82.5	34		1.0	0.133	0.0	0.0
39	39	35	1.0	0.15	0.0	49.8	60.7	50.7	79.1	39		1.0	0.137	0.0	49.4	61.8	50.1	79.6	39		1.0	0.15	0.0	0.0	1.0	0.068	0.0	47.4	66.6	47.5	81.8	35		1.0	0.15	0.0	0.0
41	40	36	1.0	0.166	0.0	50.5	59.2	51.6	78.6	41		1.0	0.151	0.0	49.9	60.6	50.9	79.1	40		1.0	0.167	0.0	0.0	1.0	0.092	0.0	48.0	65.0	48.3	81.0	36		1.0	0.167	0.0	0.0
42	41	37	1.0	0.183	0.0	51.1	57.8	52.5	78.1	42		1.0	0.166	0.0	50.5	59.4	51.6	78.7	41		1.0	0.183	0.0	0.0	1.0	0.116	0.0	48.7	63.5	49.1	80.2	37		1.0	0.183	0.0	0.0
43	42	38	1.0	0.2	0.0	51.7	56.3	53.3	77.5	43		1.0	0.18	0.0	51.0	58.1	52.3	78.2	42		1.0	0.2	0.0	0.0	1.0	0.135	0.0	49.3	62.0	49.9	79.6	38		1.0	0.2	0.0	0.0
44	43	39	1.0	0.216	0.0	52.4	54.9	54.0	77.0	44		1.0	0.194	0.0	51.6	56.9	53.0	77.8	43		1.0	0.217	0.0	0.0	1.0	0.151	0.0	49.9	60.7	50.8	79.1	39		1.0	0.217	0.0	0.0
45	44	41	1.0	0.233	0.0	53.0	53.4	54.8	76.5	45		1.0	0.209	0.0	52.1	55.6	53.7	77.3	44		1.0	0.233	0.0	0.0	1.0	0.167	0.0	50.5	59.3	51.7	78.6	41		1.0	0.233	0.0	0.0
46	45	42	1.0	0.25	0.0	53.6	51.9	55.5	76.0	46		1.0	0.223	0.0	52.7	54.4	54.4	76.9	45		1.0	0.25	0.0	0.0	1.0	0.183	0.0	51.1	57.9	52.5	78.1	42		1.0	0.25	0.0	0.0
48	46	43	1.0	0.266	0.0	54.4	50.4	56.5	75.7	48		1.0	0.237	0.0	53.2	53.1	55.0	76.4	46		1.0	0.267	0.0	0.0	1.0	0.198	0.0	51.7	56.5	53.2	77.6	43		1.0	0.267	0.0	0.0
49	47	44	1.0	0.283	0.0	55.1	48.9	57.4	75.4	49		1.0	0.251	0.0	53.7	51.8	55.6	76.0	47		1.0	0.283	0.0	0.0	1.0	0.214	0.0	52.3	55.1	54.0	77.1	44		1.0	0.283	0.0	0.0
50	48	45	1.0	0.3	0.0	55.8	47.4	58.4	75.2	50		1.0	0.264	0.0	54.3	50.7	56.3	75.8	48		1.0	0.3	0.0	0.0	1.0	0.23	0.0	52.9	53.7	54.7	76.6	45		1.0	0.3	0.0	0.0
52	49	46	1.0	0.316	0.0	56.6	45.8	59.2	74.9	52		1.0	0.276	0.0	54.8	49.6	57.1	75.6	49		1.0	0.317	0.0	0.0	1.0	0.246	0.0	53.5	52.3	55.4	76.1	46		1.0	0.317	0.0	0.0
53	50	47	1.0	0.333	0.0	57.3	44.2	60.1	74.6	53		1.0	0.288	0.0	55.4	48.5	57.8	75.4	50		1.0	0.333	0.0	0.0	1.0	0.261	0.0	54.2	51.0	56.2	75.9	47		1.0	0.333	0.0	0.0
54	51	48	1.0	0.35	0.0	58.0	42.7	60.9	74.4	54		1.0	0.301	0.0	55.9	47.3	58.5	75.2	51		1.0	0.35	0.0	0.0	1.0	0.274	0.0	54.8	49.8	57.0	75.6	48		1.0	0.35	0.0	0.0
56	52	49	1.0	0.366	0.0	58.8	41.1	61.7	74.1	56		1.0	0.313	0.0	56.5	46.2	59.1	75.0	52		1.0	0.367	0.0	0.0	1.0	0.288	0.0	55.4	48.5	57.8	75.4	49		1.0	0.367	0.0	0.0
57	53	51	1.0	0.383	0.0	59.5	39.5	62.5	74.0	57		1.0	0.326	0.0	57.0	45.0	59.8	74.8	53		1.0	0.383	0.0	0.0	1.0	0.302	0.0	56.0	47.2	58.5	75.2	51		1.0	0.383	0.0	0.0
59	54	52	1.0	0.4	0.0	60.3	38.1	63.5	74.1	59		1.0	0.338	0.0	57.6	43.9	60.4	74.6	54		1.0	0.4	0.0	0.0	1.0	0.316	0.0	56.6	45.9	59.3	75.0	52		1.0	0.4	0.0	0.0
60	55	53	1.0	0.416	0.0	61.0	36.6	64.5	74.1	60		1.0	0.35	0.0	58.1	42.7	61.0	74.4	55		1.0	0.417	0.0	0.0	1.0	0.33	0.0	57.2	44.6	60.0	74.8	53		1.0	0.417	0.0	0.0
61	56	54	1.0	0.433	0.0	61.8	35.1	65.4	74.2	61		1.0	0.363	0.0	58.6	41.5	61.5	74.2	56		1.0	0.433	0.0	0.0	1.0	0.343	0.0	57.8	43.3	60.6	74.5	54		1.0	0.433	0.0	0.0
63	57	55	1.0	0.45	0.0	62.6	33.6	66.2	74.3	63		1.0	0.375	0.0	59.2	40.3	62.1	74.0	57		1.0	0.45	0.0	0.0	1.0	0.357	0.0	58.4	42.0	61.3	74.3	55		1.0	0.45	0.0	0.0
64	58	56	1.0	0.466	0.0	63.3	32.0	67.1	74.4	64		1.0	0.387	0.0	59.8	39.3	62.8	74.1	58		1.0	0.467	0.0	0.0	1.0	0.371	0.0	59.0	40.7	61.9	74.1	56		1.0	0.467	0.0	0.0
65	59	57	1.0	0.483	0.0	64.1	30.5	67.9	74.4	65		1.0	0.4	0.0	60.3	38.2	63.5	74.1	59		1.0	0.483	0.0	0.0	1.0	0.385	0.0	59.6	39.5	62.7	74.1	57		1.0	0.483	0.0	0.0
67	60	58	1.0	0.5	0.0	64.9	28.9	68.6	74.5	67		1.0	0.412	0.0	60.9	37.1	64.2	74.2	60		1.0	0.5	0.0	0.0	1.0	0.398	0.0	60.3	38.3	63.5	74.1	58		1.0	0.5	0.0	0.0
68	61	60	1.0	0.516	0.0	65.8	27.2	69.9	75.0	68		1.0																									

Data of Maximum color M in colorimetric system Offset standard print; separation cmy0*, 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 $RYGCBM_d$: $h_{ab,d} = 32.3, 96.1, 155.5, 238.4, 306.2, 359.8$; Six hue angles of the elementary colours $RYGCBM_e$: $h_{ab,e} = 25.5, 92.3, 162.2, 217.0, 271.7, 328.6$

$h_{ab,d}$	$h_{ab,s}$	$h_{ab,e}$	rgb^*_{dd361M}	$LAB^*_{dd361M}(x=LabCh)$	$rgb^*_{ds361Mi}$	$LAB^*_{dsx361Mi}(x=LabCh)$	$rgb^*_{dd361Mi}$	$LAB^*_{de361Mi}$	$dex361Mi(x=LabCh)$	$rgb^*_{dd361Mi}$	Y_d	Y_s	Y_e
86	75	75	1.0	0.75 0.0	77.9	5.4	83.8	84.0	86	1.0	0.75 0.0	1.0	0.75 0.0
87	76	76	1.0	0.766 0.0	78.6	4.3	84.7	84.8	87	1.0	0.767 0.0	1.0	0.767 0.0
87	77	77	1.0	0.783 0.0	79.4	3.2	85.6	85.7	87	1.0	0.783 0.0	1.0	0.783 0.0
88	78	78	1.0	0.8 0.0	80.1	2.0	86.5	86.5	88	1.0	0.8 0.0	1.0	0.8 0.0
89	79	80	1.0	0.816 0.0	80.8	0.8	87.3	87.3	89	1.0	0.817 0.0	1.0	0.817 0.0
90	80	81	1.0	0.833 0.0	81.6	-0.3	88.2	88.2	90	1.0	0.833 0.0	1.0	0.833 0.0
91	81	82	1.0	0.85 0.0	82.3	-1.5	89.0	89.0	91	1.0	0.85 0.0	1.0	0.85 0.0
91	82	83	1.0	0.866 0.0	83.1	-2.8	89.8	89.8	91	1.0	0.867 0.0	1.0	0.867 0.0
92	83	84	1.0	0.883 0.0	83.7	-3.8	90.5	90.6	92	1.0	0.883 0.0	1.0	0.883 0.0
92	84	85	1.0	0.9 0.0	84.3	-4.7	91.3	91.4	92	1.0	0.9 0.0	1.0	0.9 0.0
93	85	86	1.0	0.916 0.0	84.9	-5.6	92.0	92.2	93	1.0	0.917 0.0	1.0	0.917 0.0
94	86	87	1.0	0.933 0.0	85.5	-6.5	92.7	92.9	94	1.0	0.933 0.0	1.0	0.933 0.0
94	87	88	1.0	0.95 0.0	86.0	-7.4	93.4	93.7	94	1.0	0.95 0.0	1.0	0.95 0.0
95	88	90	1.0	0.966 0.0	86.6	-8.3	94.1	94.5	95	1.0	0.967 0.0	1.0	0.967 0.0
95	89	91	1.0	0.983 0.0	87.2	-9.2	94.8	95.2	95	1.0	0.983 0.0	1.0	0.983 0.0
96	90	92	1.0	1.0 0.0	87.8	-10.2	95.4	96.0	96	1.0	1.0 0.0	1.0	1.0 0.0
96	91	93	0.983	1.0 0.0	87.3	-10.7	94.6	95.2	96	1.0	0.983 1.0 0.0	1.0	0.983 1.0 0.0
96	92	94	0.966	1.0 0.0	86.8	-11.2	93.8	94.5	96	1.0	0.967 1.0 0.0	1.0	0.967 1.0 0.0
97	93	95	0.95	1.0 0.0	86.4	-11.7	93.0	93.7	97	1.0	0.95 1.0 0.0	1.0	0.95 1.0 0.0
97	94	96	0.933	1.0 0.0	85.9	-12.2	92.2	93.0	97	1.0	0.933 1.0 0.0	1.0	0.933 1.0 0.0
97	95	98	0.916	1.0 0.0	85.5	-12.7	91.3	92.2	97	1.0	0.917 1.0 0.0	1.0	0.917 1.0 0.0
98	96	99	0.9	1.0 0.0	85.0	-13.2	90.5	91.5	98	1.0	0.9 1.0 0.0	1.0	0.9 1.0 0.0
98	97	100	0.883	1.0 0.0	84.5	-13.6	89.7	90.7	98	1.0	0.883 1.0 0.0	1.0	0.883 1.0 0.0
99	98	101	0.866	1.0 0.0	84.1	-14.1	88.9	90.0	99	1.0	0.867 1.0 0.0	1.0	0.867 1.0 0.0
99	99	102	0.85	1.0 0.0	83.6	-14.6	88.1	89.3	99	1.0	0.85 1.0 0.0	1.0	0.85 1.0 0.0
99	100	103	0.833	1.0 0.0	83.1	-15.1	87.4	88.7	99	1.0	0.833 1.0 0.0	1.0	0.833 1.0 0.0
100	101	105	0.816	1.0 0.0	82.6	-15.6	86.6	88.0	100	1.0	0.817 1.0 0.0	1.0	0.817 1.0 0.0
100	102	106	0.8	1.0 0.0	82.2	-16.1	85.8	87.3	100	1.0	0.8 1.0 0.0	1.0	0.8 1.0 0.0
101	103	107	0.783	1.0 0.0	81.7	-16.6	85.1	86.7	101	1.0	0.783 1.0 0.0	1.0	0.783 1.0 0.0
101	104	108	0.766	1.0 0.0	81.2	-17.0	84.3	86.0	101	1.0	0.767 1.0 0.0	1.0	0.767 1.0 0.0
101	105	109	0.75	1.0 0.0	80.7	-17.5	83.5	85.3	101	1.0	0.75 1.0 0.0	1.0	0.75 1.0 0.0
102	106	110	0.733	1.0 0.0	80.0	-18.4	82.5	84.6	102	1.0	0.733 1.0 0.0	1.0	0.733 1.0 0.0
103	107	112	0.716	1.0 0.0	79.3	-19.3	81.5	83.8	103	1.0	0.717 1.0 0.0	1.0	0.717 1.0 0.0
104	108	113	0.7	1.0 0.0	78.5	-20.2	80.5	83.0	104	1.0	0.7 1.0 0.0	1.0	0.7 1.0 0.0
104	109	114	0.683	1.0 0.0	77.8	-21.1	79.4	82.2	104	1.0	0.683 1.0 0.0	1.0	0.683 1.0 0.0
105	110	115	0.666	1.0 0.0	77.1	-22.0	78.4	81.4	105	1.0	0.667 1.0 0.0	1.0	0.667 1.0 0.0
106	111	116	0.65	1.0 0.0	76.4	-22.8	77.3	80.6	106	1.0	0.65 1.0 0.0	1.0	0.65 1.0 0.0
107	112	117	0.633	1.0 0.0	75.6	-23.6	76.2	79.8	107	1.0	0.633 1.0 0.0	1.0	0.633 1.0 0.0
108	113	119	0.616	1.0 0.0	75.0	-24.4	75.1	79.0	108	1.0	0.617 1.0 0.0	1.0	0.617 1.0 0.0
108	114	120	0.6	1.0 0.0	74.3	-25.3	73.9	78.1	108	1.0	0.6 1.0 0.0	1.0	0.6 1.0 0.0
109	115	121	0.583	1.0 0.0	73.7	-26.1	72.7	77.2	109	1.0	0.583 1.0 0.0	1.0	0.583 1.0 0.0
110	116	122	0.566	1.0 0.0	73.1	-26.9	71.4	76.3	110	1.0	0.567 1.0 0.0	1.0	0.567 1.0 0.0
111	117	123	0.55	1.0 0.0	72.4	-27.6	70.2	75.5	111	1.0	0.55 1.0 0.0	1.0	0.55 1.0 0.0
112	118	124	0.533	1.0 0.0	71.8	-28.3	69.0	74.6	112	1.0	0.533 1.0 0.0	1.0	0.533 1.0 0.0
113	119	126	0.516	1.0 0.0	71.2	-29.0	67.7	73.7	113	1.0	0.517 1.0 0.0	1.0	0.517 1.0 0.0
114	120	127	0.5	1.0 0.0	70.6	-29.7	66.5	72.8	114	1.0	0.5 1.0 0.0	1.0	0.5 1.0 0.0

4-0131031-L0 PI880-71

LAB*la0, YN=0%, XYZnw=3.6, 4.2, 6.1, 85.4, 89.1, 104.8, LAB*nw=24.4, 0.0, 0.0, 95.6, 0.0, 0.0

uscita: Offset standard print; separation cmy0*, D65, pagina 11/33

grafico TUB-PI88; cerchio delle tinte a 16 passi
cerchio delle tinte a 48 passi; $rgb-LabCh$ *tavole

Input: $rgb/cmyk \rightarrow rgb_e$
Output: trasferire a $cmy0_e$

4-0131031-F0

Data of Maximum color M in colorimetric system Offset standard print; separation cmy0*, D65 for input or output; Six hue angles of the 60 degree standard colours RYGBCMs: $h_{ab,ds} = 30.0, 90.0, 150.0, 210.0, 270.0, 330.0$; Six hue angles of the device colours RYGBCMd: $h_{ab,d} = 32.3, 96.1, 155.5, 238.4, 306.2, 359.8$; Six hue angles of the elementary colours RYGBCM: $h_{ab,e} = 25.5, 92.3, 162.2, 217.0, 271.7, 328.6$											
$h_{ab,d}$	$h_{ab,s}$	$h_{ab,e}$	rgb^{*}_{dd361M}	$LAB^{*}_{dd361Mi} (x=LabCh)$	$rgb^{*}_{ds361Mi}$	$LAB^{*}_{ds361Mi} (x=LabCh)$	$rgb^{*}_{dd361Mi}$	$LAB^{*}_{de361Mi} (x=LabCh)$	$rgb^{*}_{dd361Mi}$	$LAB^{*}_{de361Mi} (x=LabCh)$	$rgb^{*}_{dd361Mi}$
114	120	127	0.5	1.0	0.0	70.6	-29.7 66.5 72.8	114	0.399	1.0	0.0
115	121	128	0.483	1.0	0.0	69.9	-30.5 65.4 72.2	115	0.382	1.0	0.0
116	122	129	0.466	1.0	0.0	69.3	-31.4 64.3 71.6	116	0.37	1.0	0.0
117	123	130	0.45	1.0	0.0	68.6	-32.2 63.2 71.0	117	0.361	1.0	0.0
117	124	131	0.433	1.0	0.0	68.0	-33.0 62.1 70.4	117	0.352	1.0	0.0
118	125	133	0.416	1.0	0.0	67.3	-33.8 61.0 69.8	118	0.343	1.0	0.0
119	126	134	0.4	1.0	0.0	66.7	-34.5 59.9 69.2	119	0.334	1.0	0.0
120	127	135	0.383	1.0	0.0	66.0	-35.2 58.8 68.6	120	0.325	1.0	0.0
122	128	136	0.366	1.0	0.0	65.2	-36.4 57.6 68.2	122	0.316	1.0	0.0
124	129	137	0.35	1.0	0.0	64.2	-38.2 56.2 67.9	124	0.307	1.0	0.0
126	130	138	0.333	1.0	0.0	63.2	-39.8 54.7 67.7	126	0.298	1.0	0.0
127	131	140	0.316	1.0	0.0	62.3	-41.4 53.2 67.5	127	0.289	1.0	0.0
129	132	141	0.3	1.0	0.0	61.3	-43.0 51.7 67.3	129	0.28	1.0	0.0
131	133	142	0.283	1.0	0.0	60.3	-44.5 50.1 67.0	131	0.271	1.0	0.0
133	134	143	0.266	1.0	0.0	59.3	-45.9 48.5 66.8	133	0.262	1.0	0.0
135	135	144	0.25	1.0	0.0	58.4	-47.3 46.8 66.6	135	0.253	1.0	0.0
136	136	145	0.233	1.0	0.0	57.9	-48.3 45.8 66.5	136	0.241	1.0	0.0
137	137	147	0.216	1.0	0.0	57.4	-49.2 44.7 66.5	137	0.227	1.0	0.0
138	138	148	0.2	1.0	0.0	56.9	-50.1 43.6 66.5	138	0.213	1.0	0.0
140	139	149	0.183	1.0	0.0	56.4	-51.0 42.5 66.4	140	0.2	1.0	0.0
141	140	150	0.166	1.0	0.0	55.9	-51.9 41.4 66.4	141	0.186	1.0	0.0
142	141	151	0.15	1.0	0.0	55.4	-52.7 40.3 66.4	142	0.172	1.0	0.0
143	142	152	0.133	1.0	0.0	54.9	-53.5 39.1 66.3	143	0.159	1.0	0.0
145	143	154	0.116	1.0	0.0	54.4	-54.7 38.0 66.6	145	0.145	1.0	0.0
146	144	155	0.1	1.0	0.0	53.7	-56.2 37.0 67.3	146	0.131	1.0	0.0
148	145	156	0.083	1.0	0.0	53.1	-57.7 35.9 68.0	148	0.119	1.0	0.0
149	146	157	0.066	1.0	0.0	52.5	-59.2 34.7 68.7	149	0.107	1.0	0.0
151	147	158	0.049	1.0	0.0	51.9	-60.7 33.5 69.4	151	0.096	1.0	0.0
152	148	159	0.033	1.0	0.0	51.3	-62.2 32.2 70.0	152	0.085	1.0	0.0
154	149	161	0.016	1.0	0.0	50.6	-63.6 30.9 70.7	154	0.074	1.0	0.0
155	150	162	0.0	1.0	0.0	50.0	-65.0 29.6 71.4	155	0.062	1.0	0.0
156	151	163	0.0	1.0	0.016	50.1	-64.7 28.5 70.7	156	0.051	1.0	0.0
156	152	164	0.0	1.0	0.033	50.1	-64.5 27.4 70.1	156	0.04	1.0	0.0
157	153	164	0.0	1.0	0.05	50.2	-64.2 26.4 69.4	157	0.028	1.0	0.0
158	154	165	0.0	1.0	0.066	50.3	-63.9 25.4 68.8	158	0.017	1.0	0.0
159	155	166	0.0	1.0	0.083	50.3	-63.6 24.4 68.1	159	0.006	1.0	0.0
159	156	167	0.0	1.0	0.1	50.4	-63.3 23.4 67.5	159	0.0	1.0	0.012
160	157	168	0.0	1.0	0.116	50.5	-62.9 22.4 66.8	160	0.0	1.0	0.035
161	158	169	0.0	1.0	0.133	50.5	-62.5 21.2 66.1	161	0.0	1.0	0.059
162	159	170	0.0	1.0	0.15	50.6	-62.1 19.9 65.2	162	0.0	1.0	0.083
163	160	171	0.0	1.0	0.166	50.7	-61.6 18.7 64.4	163	0.0	1.0	0.107
164	161	172	0.0	1.0	0.183	50.8	-61.1 17.4 63.6	164	0.0	1.0	0.129
164	162	173	0.0	1.0	0.2	50.9	-60.6 16.2 62.7	164	0.0	1.0	0.147
165	163	174	0.0	1.0	0.216	51.0	-60.1 15.0 61.9	165	0.0	1.0	0.165
166	164	175	0.0	1.0	0.233	51.1	-59.5 13.9 61.1	166	0.0	1.0	0.183
167	165	175	0.0	1.0	0.25	51.2	-58.9 12.7 60.3	167	0.0	1.0	0.2

4-0131131-L0 PI880-71

LAB*la0, YN=0%, XYZnw=3.6, 4.2, 6.1, 85.4, 89.1, 104.8, LAB*nw=24.4, 0.0, 0.0, 95.6, 0.0, 0.0

uscita: Offset standard print; separation cmy0*, D65, pagina 12/33

grafico TUB-PI88; cerchio delle tinte a 16 passi
cerchio delle tinte a 48 passi; $rgb-LabCh$ *tavole

Input: $rgb/cmyk \rightarrow rgb_e$
Output: trasferire a $cmy0_e$

Data of Maximum color M in colorimetric system Offset standard print; separation cmy0*, 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 $RYGCBM_d$: $h_{ab,d} = 32.3, 96.1, 155.5, 238.4, 306.2, 359.8$; 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^* dd361Mi	LAB^* ddx361Mi (x=LabCh)	rgb^* ds361Mi	LAB^* dsx361Mi (x=LabCh)	rgb^* dd361Mi	rgb^* de361Mi	LAB^* dex361Mi (x=LabCh)	rgb^* dd361Mi	rgb^* ds361Mi	rgb^* de361Mi	rgb^* ds361Mi	rgb^* de361Mi																		
167	165	175	0.0	1.0	0.25	51.2	-58.9	12.7	60.3	167	0.0	1.0	0.2	51.0	-60.5	16.2	62.8	165	0.0	1.0	0.25	0.0	1.0	0.364	52.0	-55.0	3.9	55.2	175	0.0	1.0	0.25
168	166	176	0.0	1.0	0.266	51.3	-58.4	11.3	59.5	168	0.0	1.0	0.218	51.1	-60.0	15.0	61.9	166	0.0	1.0	0.267	0.0	1.0	0.376	52.0	-54.5	3.0	54.6	176	0.0	1.0	0.267
170	167	177	0.0	1.0	0.283	51.4	-57.9	10.0	58.8	170	0.0	1.0	0.236	51.2	-59.3	13.7	61.0	167	0.0	1.0	0.283	0.0	1.0	0.385	52.1	-54.1	2.1	54.3	177	0.0	1.0	0.283
171	168	178	0.0	1.0	0.3	51.5	-57.3	8.7	58.0	171	0.0	1.0	0.253	51.2	-58.8	12.5	60.2	168	0.0	1.0	0.3	0.0	1.0	0.394	52.2	-53.8	1.3	53.9	178	0.0	1.0	0.3
172	169	179	0.0	1.0	0.316	51.6	-56.8	7.4	57.3	172	0.0	1.0	0.267	51.3	-58.4	11.4	59.5	169	0.0	1.0	0.317	0.0	1.0	0.403	52.2	-53.4	0.4	53.5	179	0.0	1.0	0.317
173	170	180	0.0	1.0	0.333	51.7	-56.2	6.1	56.5	173	0.0	1.0	0.281	51.4	-57.9	10.2	58.9	170	0.0	1.0	0.333	0.0	1.0	0.412	52.3	-53.0	-0.3	53.1	180	0.0	1.0	0.333
174	171	181	0.0	1.0	0.35	51.8	-55.5	4.9	55.8	174	0.0	1.0	0.295	51.5	-57.5	9.1	58.3	171	0.0	1.0	0.35	0.0	1.0	0.421	52.4	-52.6	-1.2	52.7	181	0.0	1.0	0.35
176	172	182	0.0	1.0	0.366	51.9	-54.9	3.7	55.0	176	0.0	1.0	0.309	51.6	-57.0	8.0	57.7	172	0.0	1.0	0.367	0.0	1.0	0.43	52.5	-52.2	-2.0	52.3	182	0.0	1.0	0.367
177	173	183	0.0	1.0	0.383	52.0	-54.2	2.3	54.3	177	0.0	1.0	0.323	51.7	-56.5	6.9	57.0	173	0.0	1.0	0.383	0.0	1.0	0.439	52.5	-51.8	-2.8	51.9	183	0.0	1.0	0.383
179	174	184	0.0	1.0	0.4	52.2	-53.6	0.7	53.6	179	0.0	1.0	0.337	51.8	-56.0	5.9	56.4	174	0.0	1.0	0.4	0.0	1.0	0.448	52.6	-51.3	-3.6	51.6	184	0.0	1.0	0.4
180	175	185	0.0	1.0	0.416	52.3	-52.8	-0.8	52.9	180	0.0	1.0	0.351	51.9	-55.5	4.9	55.8	175	0.0	1.0	0.417	0.0	1.0	0.457	52.7	-50.9	-4.4	51.2	185	0.0	1.0	0.417
182	176	185	0.0	1.0	0.433	52.4	-52.1	-2.3	52.1	182	0.0	1.0	0.365	52.0	-54.9	3.8	55.1	176	0.0	1.0	0.433	0.0	1.0	0.466	52.7	-50.4	-5.2	50.8	185	0.0	1.0	0.433
184	177	186	0.0	1.0	0.45	52.6	-51.3	-3.8	51.4	184	0.0	1.0	0.378	52.0	-54.4	2.9	54.6	177	0.0	1.0	0.45	0.0	1.0	0.475	52.8	-49.9	-5.9	50.4	186	0.0	1.0	0.45
185	178	187	0.0	1.0	0.466	52.7	-50.4	-5.3	50.7	185	0.0	1.0	0.388	52.1	-54.0	1.9	54.1	178	0.0	1.0	0.467	0.0	1.0	0.484	52.9	-49.5	-6.7	50.0	187	0.0	1.0	0.467
187	179	188	0.0	1.0	0.483	52.8	-49.6	-6.6	50.0	187	0.0	1.0	0.398	52.2	-53.6	0.9	53.7	179	0.0	1.0	0.483	0.0	1.0	0.493	52.9	-49.0	-7.4	49.6	188	0.0	1.0	0.483
189	180	189	0.0	1.0	0.5	52.9	-48.6	-8.0	49.3	189	0.0	1.0	0.407	52.3	-53.2	0.0	53.3	180	0.0	1.0	0.5	0.0	1.0	0.502	53.0	-48.5	-8.1	49.3	189	0.0	1.0	0.5
191	181	190	0.0	1.0	0.516	53.1	-47.9	-9.5	48.9	191	0.0	1.0	0.417	52.4	-52.8	-0.8	52.9	181	0.0	1.0	0.517	0.0	1.0	0.51	53.1	-48.2	-8.9	49.1	190	0.0	1.0	0.517
193	182	191	0.0	1.0	0.533	53.2	-47.2	-10.9	48.4	193	0.0	1.0	0.427	52.4	-52.3	-1.7	52.5	182	0.0	1.0	0.533	0.0	1.0	0.519	53.1	-47.8	-9.6	48.9	191	0.0	1.0	0.533
194	183	192	0.0	1.0	0.55	53.4	-46.4	-12.3	48.0	194	0.0	1.0	0.437	52.5	-51.9	-2.6	52.0	183	0.0	1.0	0.55	0.0	1.0	0.527	53.2	-47.4	-10.3	48.7	192	0.0	1.0	0.55
196	184	193	0.0	1.0	0.566	53.5	-45.6	-13.7	47.6	196	0.0	1.0	0.447	52.6	-51.4	-3.5	51.6	184	0.0	1.0	0.567	0.0	1.0	0.535	53.3	-47.1	-11.0	48.4	193	0.0	1.0	0.567
198	185	194	0.0	1.0	0.583	53.6	-44.7	-15.0	47.1	198	0.0	1.0	0.457	52.7	-50.9	-4.4	51.2	185	0.0	1.0	0.583	0.0	1.0	0.543	53.4	-46.7	-11.7	48.2	194	0.0	1.0	0.583
200	186	195	0.0	1.0	0.6	53.8	-43.8	-16.3	46.7	200	0.0	1.0	0.467	52.7	-50.4	-5.2	50.8	186	0.0	1.0	0.6	0.0	1.0	0.552	53.4	-46.3	-12.4	48.0	195	0.0	1.0	0.6
202	187	195	0.0	1.0	0.616	53.9	-42.8	-17.5	46.3	202	0.0	1.0	0.477	52.8	-49.9	-6.0	50.3	187	0.0	1.0	0.617	0.0	1.0	0.56	53.5	-45.9	-13.1	47.8	195	0.0	1.0	0.617
204	188	196	0.0	1.0	0.633	54.1	-42.0	-18.8	46.0	204	0.0	1.0	0.486	52.9	-49.3	-6.8	49.9	188	0.0	1.0	0.633	0.0	1.0	0.568	53.6	-45.4	-13.7	47.6	196	0.0	1.0	0.633
206	189	197	0.0	1.0	0.65	54.2	-41.2	-20.1	45.9	206	0.0	1.0	0.496	53.0	-48.8	-7.6	49.5	189	0.0	1.0	0.65	0.0	1.0	0.576	53.6	-45.0	-14.4	47.4	197	0.0	1.0	0.65
207	190	198	0.0	1.0	0.666	54.3	-40.5	-21.4	45.8	207	0.0	1.0	0.506	53.0	-48.4	-8.4	49.2	190	0.0	1.0	0.667	0.0	1.0	0.585	53.7	-44.6	-15.0	47.2	198	0.0	1.0	0.667
209	191	199	0.0	1.0	0.683	54.5	-39.7	-22.7	45.7	209	0.0	1.0	0.515	53.1	-48.0	-9.2	49.0	191	0.0	1.0	0.683	0.0	1.0	0.593	53.8	-44.1	-15.7	47.0	199	0.0	1.0	0.683
211	192	200	0.0	1.0	0.7	54.6	-38.8	-23.9	45.6	211	0.0	1.0	0.524	53.2	-47.6	-10.0	48.7	192	0.0	1.0	0.7	0.0	1.0	0.601	53.8	-43.7	-16.3	46.7	200	0.0	1.0	0.7
213	193	201	0.0	1.0	0.716	54.7	-37.9	-25.1	45.5	213	0.0	1.0	0.533	53.3	-47.2	-10.8	48.5	193	0.0	1.0	0.717	0.0	1.0	0.609	53.9	-43.2	-16.9	46.5	201	0.0	1.0	0.717
215	194	202	0.0	1.0	0.733	54.9	-37.0	-26.3	45.4	215	0.0	1.0	0.542	53.3	-46.7	-11.6	48.3	194	0.0	1.0	0.733	0.0	1.0	0.618	54.0	-42.7	-17.5	46.3	202	0.0	1.0	0.733
217	195	203	0.0	1.0	0.75	55.0	-36.0	-27.4	45.3	217	0.0	1.0	0.551	53.4	-46.3	-12.3	48.0	195	0.0	1.0	0.75	0.0	1.0	0.626	54.1	-42.3	-18.1	46.1	203	0.0	1.0	0.75
218	196	204	0.0	1.0	0.766	55.1	-35.4	-28.4	45.4	218	0.0	1.0	0.56	53.5	-45.9	-13.1	47.8	196	0.0	1.0	0.767	0.0	1.0	0.634	54.1	-41.9	-18.8	46.1	204	0.0	1.0	0.767
220	197	205	0.0	1.0	0.783	55.2	-34.7	-29.4	45.5	220	0.0	1.0	0.569	53.6	-45.4	-13.8	47.6	197	0.0	1.0	0.783	0.0	1.0	0.642	54.2	-41.6	-19.4	46.0	205	0.0	1.0	0.783
221	198	206	0.0	1.0	0.8	55.3	-34.0	-30.3	45.6	221	0.0	1.0	0.578	53.6	-44.9	-14.5	47.3	198	0.0	1.0	0.8	0.0	1.0	0.65	54.2	-41.2	-20.1	46.0	206	0.0	1.0	0.8
223	199	206	0.0	1.0	0.816	55.4	-33.3	-31.3	45.7	223	0.0	1.0	0.587	53.7	-44.4	-15.2	47.1	199	0.0	1.0	0.817	0.0	1.0	0.658	54.3	-40.8	-20.7	45.9	206	0.0	1.0	0.817
224	200	207	0.0	1.0	0.833	55.6	-32.6	-32.2	45.9	224	0.0	1.0	0.596	53.8	-43.9	-15.9	46.9	200	0.0	1.0	0.833	0.0	1.0	0.666	54.4	-40.4	-21.3	45.9	207	0.0	1.0	0.833
226	201	208	0.0	1.0	0.85	55.7	-31.8	-33.1	46.0	226	0.0	1.0	0.605	53.9	-43.4	-16.6	46.6	201	0.0	1.0	0.85	0.0	1.0	0.674	54.4	-40.0	-21.9	45.8	208	0.0	1.0	0.85
227	202	209	0.0	1.0	0.866	55.8	-31.1	-34.0	46.1	227	0.0	1.0	0.614	54.0	-42.9	-17.3	46.4	202	0.0	1.0	0.867	0.0	1.0	0.682	54.5	-39.6	-22.6	45.7	209	0.0	1.0	0.867
229	203	210	0.0	1.0	0.883	55.9	-30.4	-35.0	46.3	229	0.0	1.0	0.623	54.0	-42.4	-17.9	46.2	203	0.0	1.0	0.883	0.0	1.0	0.691	54.6	-39.2	-23.2	45.7	210	0.0	1.0	0.883
230	204	211	0.0	1.0	0.9	56.0	-29.7	-35.9	46.7	230	0.0	1.0	0.632	54.1	-42.0	-18.6	46.1	204	0.0	1.0	0.9	0.0	1.0	0.699	54.6	-38.8	-23.8	45.6	211	0.0	1.0	0.9
231	205	212	0.0	1.0	0.916	56.1	-29.1	-36.9	47.0	231	0.0	1.0	0.641	54.2	-41.6	-19.3	46.0	205	0.0	1.0	0.917	0.0	1.0	0.707	54.7	-38.4	-24.3	45.6	212	0.0	1.0	0.917
233	206	213	0.0	1.0	0.933	56.3	-28.4	-37.8	47.3	233	0.0	1.0	0.65	54.2	-41.2	-20.0	46.0	206	0.0	1.0	0.933	0.0	1.0	0.715	54.8	-37.9	-24.9	45.5	213	0.0	1.0	0.933
234	207	214	0.0	1.0	0.95	56.4	-																									

4-0131231-L0 PI880-71

LAB*la0, YN=0%, XYZnw=3.6, 4.2, 6.1, 85.4, 89.1, 104.8, LAB*nw=24.4, 0.0, 0.0, 95.6, 0.0, 0.0

uscita: Offset standard print; separation cmy0*, D65, pagina 13/33

grafico TUB-PI88; cerchio delle tinte a 16 passi
cerchio delle tinte a 48 passi; $rgb-LabCh$ *tavole

Input: $rgb/cmyk \rightarrow rgb_e$
Output: trasferire a $cmy0_e$

4-0131231-F0

Data of Maximum color M in colorimetric system Offset standard print; separation cmy0*, 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 $RYGCBM_d$: $h_{ab,d} = 32.3, 96.1, 155.5, 238.4, 306.2, 359.8$; Six hue angles of the elementary colours $RYGCBM_e$: $h_{ab,e} = 25.5, 92.3, 162.2, 217.0, 271.7, 328.6$

Lengths of the three colours (x=LabCh)										Lengths of the elementary colours (x=LabCh)										Lengths of the three colours (x=LabCh)										Lengths of the elementary colours (x=LabCh)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																															
h _{ab,d}	h _{ab,s}	h _{ab,e}	rgb* _{dd361M}							LAB* _{dsx361Mi} (x=LabCh)							C _d	rgb* _{ds361Mi}							LAB* _{dsx361Mi} (x=LabCh)							C _s	rgb* _{dd361Mi}							LAB* _{dex361Mi} (x=LabCh)							rgb* _{dd361Mi}							rgb* _{dd}							rgb* _{ds}							rgb* _{de}																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																									
238	210	216	0.0	1.0	1.0	56.8	-25.5	-41.5	48.7	238	C _d	0.0	1.0	0.685	54.5	-39.5	-22.8	45.7	210	C _s	0.0	1.0	1.0	0.0	1.0	0.747	55.0	-36.1	-27.2	45.3	216	C _e	0.0	1.0	1.0	0.0	1.0	1.0																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																							

Data of Maximum color M in colorimetric system Offset standard print; separation cmy0*, 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 $RYGCBM_d$: $h_{ab,d} = 32.3, 96.1, 155.5, 238.4, 306.2, 359.8$; 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* _{dd361Mi} LAB* _{dsx361Mi} (x=LabCh)									rgb* _{ds361Mi} LAB* _{dsx361Mi} (x=LabCh)									rgb* _{dd361Mi} rgb* _{de361Mi} LAB* _{dex361Mi} (x=LabCh)									rgb* _{dd361Mi}								
289	255	258	0.0	0.25	1.0	32.8	14.3	-40.2 42.7	289	0.0	0.657	1.0	47.5	-10.9	-40.9 42.5	255	0.0	0.25	1.0	0.0	0.613	1.0	46.1	-8.6	-40.8 41.9	258	0.0	0.25	1.0						
290	256	258	0.0	0.233	1.0	32.2	15.3	-40.3 43.1	290	0.0	0.641	1.0	47.0	-10.1	-40.9 42.2	256	0.0	0.233	1.0	0.0	0.603	1.0	45.7	-7.9	-40.9 41.7	258	0.0	0.233	1.0						
292	257	259	0.0	0.216	1.0	31.7	16.4	-40.3 43.6	292	0.0	0.624	1.0	46.5	-9.3	-40.8 42.0	257	0.0	0.217	1.0	0.0	0.593	1.0	45.3	-7.2	-40.9 41.6	259	0.0	0.217	1.0						
293	258	260	0.0	0.2	1.0	31.1	17.5	-40.4 44.0	293	0.0	0.613	1.0	46.1	-8.6	-40.8 41.9	258	0.0	0.2	1.0	0.0	0.583	1.0	44.9	-6.6	-40.9 41.5	260	0.0	0.2	1.0						
294	259	261	0.0	0.183	1.0	30.6	18.5	-40.4 44.5	294	0.0	0.602	1.0	45.7	-7.9	-40.9 41.7	259	0.0	0.183	1.0	0.0	0.573	1.0	44.5	-5.9	-40.9 41.4	261	0.0	0.183	1.0						
295	260	262	0.0	0.166	1.0	30.0	19.6	-40.4 44.9	295	0.0	0.591	1.0	45.3	-7.1	-40.9 41.6	260	0.0	0.167	1.0	0.0	0.562	1.0	44.1	-5.2	-40.9 41.3	262	0.0	0.167	1.0						
297	261	263	0.0	0.15	1.0	29.5	20.7	-40.4 45.4	297	0.0	0.58	1.0	44.8	-6.4	-40.9 41.5	261	0.0	0.15	1.0	0.0	0.552	1.0	43.7	-4.5	-40.9 41.2	263	0.0	0.15	1.0						
298	262	264	0.0	0.133	1.0	28.9	21.8	-40.3 45.8	298	0.0	0.569	1.0	44.4	-5.7	-40.9 41.4	262	0.0	0.133	1.0	0.0	0.542	1.0	43.4	-3.9	-40.8 41.1	264	0.0	0.133	1.0						
299	263	265	0.0	0.116	1.0	28.4	22.8	-40.3 46.3	299	0.0	0.558	1.0	44.0	-4.9	-40.9 41.3	263	0.0	0.117	1.0	0.0	0.532	1.0	43.0	-3.2	-40.8 41.0	265	0.0	0.117	1.0						
300	264	266	0.0	0.1	1.0	27.9	23.8	-40.4 46.9	300	0.0	0.547	1.0	43.5	-4.2	-40.8 41.2	264	0.0	0.1	1.0	0.0	0.522	1.0	42.6	-2.6	-40.7 40.9	266	0.0	0.1	1.0						
301	265	267	0.0	0.083	1.0	27.4	24.7	-40.4 47.4	301	0.0	0.536	1.0	43.1	-3.5	-40.8 41.1	265	0.0	0.083	1.0	0.0	0.512	1.0	42.2	-1.9	-40.7 40.8	267	0.0	0.083	1.0						
302	266	268	0.0	0.066	1.0	26.9	25.7	-40.4 47.9	302	0.0	0.525	1.0	42.7	-2.8	-40.7 40.9	266	0.0	0.067	1.0	0.0	0.502	1.0	41.8	-1.3	-40.6 40.7	268	0.0	0.067	1.0						
303	267	269	0.0	0.049	1.0	26.5	26.6	-40.5 48.4	303	0.0	0.514	1.0	42.3	-2.0	-40.7 40.8	267	0.0	0.05	1.0	0.0	0.491	1.0	41.4	-0.6	-40.6 40.7	269	0.0	0.05	1.0						
304	268	269	0.0	0.033	1.0	26.0	27.6	-40.4 49.0	304	0.0	0.503	1.0	41.8	-1.3	-40.6 40.7	268	0.0	0.033	1.0	0.0	0.48	1.0	41.0	0.0	-40.6 40.7	269	0.0	0.033	1.0						
305	269	270	0.0	0.016	1.0	25.5	28.6	-40.4 49.5	305	0.0	0.491	1.0	41.4	-0.6	-40.6 40.7	269	0.0	0.017	1.0	0.0	0.469	1.0	40.6	0.6	-40.6 40.7	270	0.0	0.017	1.0						
306	270	271	0.0	0.0	1.0	25.0	29.5	-40.4 50.0	306	B_d	0.479	1.0	41.0	0.0	-40.6 40.7	270B_s	0.0	0.0	1.0	0.0	0.458	1.0	40.3	1.2	-40.6 40.7	271B_e	0.0	0.0	1.0						
307	271	272	0.016	0.0	1.0	25.4	30.4	-39.9 50.2	307	0.0	0.467	1.0	40.6	0.7	-40.6 40.7	271	0.017	0.0	1.0	0.0	0.447	1.0	39.9	1.9	-40.5 40.7	272	0.017	0.0	1.0						
308	272	273	0.033	0.0	1.0	25.8	31.3	-39.4 50.4	308	0.0	0.455	1.0	40.2	1.4	-40.6 40.7	272	0.033	0.0	1.0	0.0	0.435	1.0	39.5	2.6	-40.5 40.7	273	0.033	0.0	1.0						
309	273	274	0.05	0.0	1.0	26.2	32.2	-38.9 50.5	309	0.0	0.443	1.0	39.7	2.1	-40.5 40.7	273	0.05	0.0	1.0	0.0	0.424	1.0	39.1	3.3	-40.5 40.7	274	0.05	0.0	1.0						
310	274	275	0.066	0.0	1.0	26.5	33.1	-38.4 50.7	310	0.0	0.431	1.0	39.3	2.8	-40.5 40.7	274	0.067	0.0	1.0	0.0	0.413	1.0	38.7	3.9	-40.4 40.7	275	0.067	0.0	1.0						
311	275	276	0.083	0.0	1.0	26.9	33.9	-37.8 50.8	311	0.0	0.419	1.0	38.9	3.5	-40.4 40.7	275	0.083	0.0	1.0	0.0	0.401	1.0	38.3	4.6	-40.3 40.7	276	0.083	0.0	1.0						
313	276	277	0.1	0.0	1.0	27.3	34.8	-37.3 51.0	313	0.0	0.407	1.0	38.5	4.3	-40.4 40.7	276	0.1	0.0	1.0	0.0	0.39	1.0	37.9	5.3	-40.3 40.7	277	0.1	0.0	1.0						
314	277	278	0.116	0.0	1.0	27.7	35.6	-36.7 51.1	314	0.0	0.395	1.0	38.1	5.0	-40.3 40.7	277	0.117	0.0	1.0	0.0	0.378	1.0	37.5	5.9	-40.2 40.7	278	0.117	0.0	1.0						
315	278	279	0.133	0.0	1.0	27.9	36.4	-36.2 51.3	315	0.0	0.383	1.0	37.6	5.7	-40.2 40.7	278	0.133	0.0	1.0	0.0	0.367	1.0	37.1	6.6	-40.2 40.8	279	0.133	0.0	1.0						
316	279	280	0.15	0.0	1.0	28.1	37.2	-35.7 51.6	316	0.0	0.371	1.0	37.2	6.4	-40.2 40.8	279	0.15	0.0	1.0	0.0	0.357	1.0	36.7	7.3	-40.2 41.0	280	0.15	0.0	1.0						
317	280	281	0.166	0.0	1.0	28.2	38.0	-35.2 51.9	317	0.0	0.36	1.0	36.8	7.1	-40.2 41.0	280	0.167	0.0	1.0	0.0	0.346	1.0	36.3	8.0	-40.3 41.2	281	0.167	0.0	1.0						
318	281	282	0.183	0.0	1.0	28.3	38.8	-34.7 52.1	318	0.0	0.348	1.0	36.4	7.8	-40.3 41.1	281	0.183	0.0	1.0	0.0	0.335	1.0	35.9	8.7	-40.3 41.3	282	0.183	0.0	1.0						
319	282	283	0.2	0.0	1.0	28.5	39.6	-34.2 52.4	319	0.0	0.337	1.0	36.0	8.6	-40.3 41.3	282	0.2	0.0	1.0	0.0	0.324	1.0	35.5	9.4	-40.3 41.5	283	0.2	0.0	1.0						
320	283	284	0.216	0.0	1.0	28.6	40.4	-33.7 52.6	320	0.0	0.326	1.0	35.6	9.3	-40.3 41.5	283	0.217	0.0	1.0	0.0	0.313	1.0	35.1	10.1	-40.3 41.7	284	0.217	0.0	1.0						
321	284	285	0.233	0.0	1.0	28.7	41.2	-33.1 52.9	321	0.0	0.314	1.0	35.2	10.1	-40.3 41.7	284	0.233	0.0	1.0	0.0	0.303	1.0	34.8	10.8	-40.3 41.9	285	0.233	0.0	1.0						
322	285	285	0.25	0.0	1.0	28.8	41.9	-32.5 53.1	322	0.0	0.303	1.0	34.8	10.8	-40.3 41.9	285	0.25	0.0	1.0	0.0	0.292	1.0	34.4	11.6	-40.3 42.0	285	0.25	0.0	1.0						
323	286	286	0.266	0.0	1.0	29.4	43.3	-31.8 53.8	323	0.0	0.291	1.0	34.3	11.6	-40.3 42.0	286	0.267	0.0	1.0	0.0	0.281	1.0	34.0	12.3	-40.3 42.2	286	0.267	0.0	1.0						
325	287	287	0.283	0.0	1.0	29.9	44.7	-31.1 54.4	325	0.0	0.28	1.0	33.9	12.3	-40.3 42.2	287	0.283	0.0	1.0	0.0	0.27	1.0	33.6	13.0	-40.2 42.4	287	0.283	0.0	1.0						
326	288	288	0.3	0.0	1.0	30.4	46.0	-30.3 55.1	326	0.0	0.269	1.0	33.5	13.1	-40.2 42.4	288	0.3	0.0	1.0	0.0	0.26	1.0	33.2	13.7	-40.2 42.5	288	0.3	0.0	1.0						
328	289	289	0.316	0.0	1.0	30.9	47.3	-29.4 55.7	328	0.0	0.257	1.0	33.1	13.9	-40.2 42.6	289	0.317	0.0	1.0	0.0	0.249	1.0	32.8	14.4	-40.1 42.7	289	0.317	0.0	1.0						
329	290	290	0.333	0.0	1.0	31.4	48.6	-28.5 56.4	329	0.0	0.245	1.0	32.7	14.6	-40.1 42.8	290	0.333	0.0	1.0	0.0	0.236	1.0	32.4	15.2	-40.2 43.1	290	0.333	0.0	1.0						
331	291	291	0.35	0.0	1.0	32.0	49.9	-27.5 57.0	331	0.0	0.232	1.0	32.2	15.5	-40.2 43.2	291	0.35	0.0	1.0	0.0	0.223	1.0	32.0	16.0	-40.3 43.4	291	0.35	0.0	1.0						
332	292	292	0.366	0.0	1.0	32.5	51.2	-26.5 57.7	332	0.0	0.219	1.0	31.8	16.3	-40.3 43.6	292	0.367	0.0	1.0	0.0	0.211	1.0	31.5	16.8	-40.3 43.8	292	0.367	0.0	1.0						
333	293	293	0.383	0.0	1.0	32.9	52.3	-25.7 58.3	333	0.0	0.205	1.0	31.4	17.2	-40.3 43.9	293	0.383	0.0	1.0	0.0	0.198	1.0	31.1	17.6	-40.3 44.1	293	0.383	0.0	1.0						
334	294	294	0.4	0.0	1.0	33.3	53.2	-25.0 58.8	334	0.0	0.192	1.0	30.9	18.0	-40.3 44.3	294	0.4	0.0	1.0	0.0	0.186	1.0	30.7	18.4	-40.4 44.5	294	0.4	0.0	1.0						
335	295	295	0.416	0.0	1.0	33.7	54.1	-24.4 59.4	335	0.0	0.179	1.0	30.5	18.9	-40.4 44.6	295	0.417	0.0	1.0	0.0	0.173	1.0	30.3	19.2	-40.4 44.8	295	0.417	0.0	1.0						
336	296	296	0.433	0.0	1.0	34.0	55.0	-23.7 59.9	336	0.0	0.166	1.0	30.0	19.7	-40.3 45.0	296	0.433	0.0	1.0	0.0	0.161	1.0	29.9	20.1	-40.3 45.1	296	0.433	0.0	1.0						
337	297	297	0.45	0.0	1.0	34.4	55.9	-23.0 60.5	337	0.0	0.152	1.0	29.6	20.6	-40.3 45.4	297	0.45	0.0	1.0	0.0	0.148	1.0	29.4	20.9	-40.3 45.5	297	0.45	0.0	1.0						
338	298	298	0.466	0.0	1.0	34.8	56.8	-22.2 61.0	338	0.0	0.139	1.0	29.1	21.5	-40.3 45.7	298	0.467	0.0	1.0	0.0	0.136	1.0	29.0	21.7	-40.3 45.8	298	0.467	0.0	1.0						
339	299	299	0.483	0.0	1.0	35.2	57.7</																												

4-0131431-L0 PI880-71

LAB*la0, YN=0%, XYZnw=3.6, 4.2, 6.1, 85.4, 89.1, 104.8, LAB*nw=24.4, 0.0, 0.0, 95.6, 0.0, 0.0

uscita: Offset standard print; separation cmy0*, D65, pagina 15/33

grafico TUB-PI88; cerchio delle tinte a 16 passi
cerchio delle tinte a 48 passi; $rgb-LabCh$ *tavole

Input: $rgb/cmyk \rightarrow rgb_e$
Output: trasferire a $cmy0_e$

Data of Maximum color M in colorimetric system Offset standard print; separation cmy0*, 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 $RYGCBM_d$: $h_{ab,d} = 32.3, 96.1, 155.5, 238.4, 306.2, 359.8$; Six hue angles of the elementary colours $RYGCBM_e$: $h_{ab,e} = 25.5, 92.3, 162.2, 217.0, 271.7, 328.6$

$h_{ab,d}$	$h_{ab,s}$	$h_{ab,e}$	rgb^*_{dd361M}	$LAB^*_{dsx361Mi} (x=LabCh)$	$rgb^*_{ds361Mi}$	$LAB^*_{dsx361Mi} (x=LabCh)$	$rgb^*_{dd361Mi}$	$LAB^*_{de361Mi}$	$rgb^*_{dex361Mi} (x=LabCh)$	$rgb^*_{dd361Mi}$	rgb^*_{dd}	rgb^*_{ds}	rgb^*_{de}
340	300	300	0.5 0.0 1.0	35.6 58.6 -20.7 62.1 340	0.0 0.109 1.0	28.2 23.3 -40.3 46.6 300	0.5 0.0 1.0	0.0 0.106 1.0	28.1 23.5 -40.3 46.7 300	0.5 0.0 1.0			
341	301	301	0.516 0.0 1.0	35.9 59.5 -19.9 62.8 341	0.0 0.091 1.0	27.7 24.3 -40.3 47.2 301	0.517 0.0 1.0	0.0 0.089 1.0	27.6 24.4 -40.3 47.2 301	0.517 0.0 1.0			
342	302	302	0.533 0.0 1.0	36.2 60.5 -19.0 63.4 342	0.0 0.074 1.0	27.2 25.3 -40.4 47.7 302	0.533 0.0 1.0	0.0 0.073 1.0	27.2 25.4 -40.4 47.8 302	0.533 0.0 1.0			
343	303	303	0.55 0.0 1.0	36.6 61.4 -18.2 64.0 343	0.0 0.056 1.0	26.7 26.3 -40.4 48.3 303	0.55 0.0 1.0	0.0 0.056 1.0	26.7 26.3 -40.4 48.3 303	0.55 0.0 1.0			
344	304	303	0.566 0.0 1.0	36.9 62.3 -17.3 64.7 344	0.0 0.039 1.0	26.2 27.3 -40.4 48.9 304	0.567 0.0 1.0	0.0 0.039 1.0	26.2 27.3 -40.4 48.8 303	0.567 0.0 1.0			
345	305	304	0.583 0.0 1.0	37.2 63.2 -16.4 65.3 345	0.0 0.021 1.0	25.7 28.3 -40.4 49.4 305	0.583 0.0 1.0	0.0 0.023 1.0	25.7 28.2 -40.4 49.4 304	0.583 0.0 1.0			
346	306	305	0.6 0.0 1.0	37.6 64.1 -15.4 66.0 346	0.0 0.004 1.0	25.2 29.4 -40.3 50.0 306	0.6 0.0 1.0	0.0 0.006 1.0	25.3 29.2 -40.3 49.9 305	0.6 0.0 1.0			
347	307	306	0.616 0.0 1.0	37.9 65.0 -14.5 66.6 347	0.011 0.0 1.0	25.3 30.2 -40.0 50.2 307	0.617 0.0 1.0	0.009 0.0 1.0	25.3 30.1 -40.1 50.2 306	0.617 0.0 1.0			
348	308	307	0.633 0.0 1.0	38.3 65.8 -13.7 67.2 348	0.026 0.0 1.0	25.7 31.0 -39.6 50.3 308	0.633 0.0 1.0	0.023 0.0 1.0	25.6 30.8 -39.7 50.3 307	0.633 0.0 1.0			
348	309	308	0.65 0.0 1.0	38.8 66.6 -13.1 67.9 348	0.041 0.0 1.0	26.0 31.8 -39.1 50.5 309	0.65 0.0 1.0	0.036 0.0 1.0	25.9 31.5 -39.3 50.4 308	0.65 0.0 1.0			
349	310	309	0.666 0.0 1.0	39.3 67.3 -12.5 68.5 349	0.056 0.0 1.0	26.3 32.5 -38.7 50.6 310	0.667 0.0 1.0	0.05 0.0 1.0	26.2 32.3 -38.8 50.6 309	0.667 0.0 1.0			
350	311	310	0.683 0.0 1.0	39.8 68.1 -11.9 69.1 350	0.07 0.0 1.0	26.7 33.3 -38.2 50.8 311	0.683 0.0 1.0	0.064 0.0 1.0	26.5 33.0 -38.4 50.7 310	0.683 0.0 1.0			
350	312	311	0.7 0.0 1.0	40.3 68.8 -11.2 69.7 350	0.085 0.0 1.0	27.0 34.1 -37.7 50.9 312	0.7 0.0 1.0	0.078 0.0 1.0	26.9 33.7 -37.9 50.8 311	0.7 0.0 1.0			
351	313	312	0.716 0.0 1.0	40.8 69.5 -10.6 70.4 351	0.1 0.0 1.0	27.3 34.8 -37.2 51.0 313	0.717 0.0 1.0	0.092 0.0 1.0	27.2 34.4 -37.5 51.0 312	0.717 0.0 1.0			
351	314	313	0.733 0.0 1.0	41.3 70.3 -9.9 71.0 351	0.114 0.0 1.0	27.7 35.5 -36.7 51.2 314	0.733 0.0 1.0	0.106 0.0 1.0	27.5 35.1 -37.0 51.1 313	0.733 0.0 1.0			
352	315	314	0.75 0.0 1.0	41.8 71.0 -9.2 71.6 352	0.13 0.0 1.0	27.9 36.3 -36.2 51.3 315	0.75 0.0 1.0	0.12 0.0 1.0	27.8 35.8 -36.5 51.2 314	0.75 0.0 1.0			
353	316	315	0.766 0.0 1.0	42.1 71.6 -8.7 72.1 353	0.146 0.0 1.0	28.1 37.1 -35.7 51.6 316	0.767 0.0 1.0	0.135 0.0 1.0	28.0 36.6 -36.0 51.4 315	0.767 0.0 1.0			
353	317	316	0.783 0.0 1.0	42.4 72.1 -8.1 72.6 353	0.163 0.0 1.0	28.2 37.9 -35.3 51.8 317	0.783 0.0 1.0	0.151 0.0 1.0	28.1 37.3 -35.6 51.7 316	0.783 0.0 1.0			
353	318	317	0.8 0.0 1.0	42.7 72.7 -7.6 73.1 353	0.18 0.0 1.0	28.3 38.7 -34.8 52.1 318	0.8 0.0 1.0	0.167 0.0 1.0	28.2 38.1 -35.1 51.9 317	0.8 0.0 1.0			
354	319	318	0.816 0.0 1.0	43.1 73.2 -7.0 73.6 354	0.197 0.0 1.0	28.5 39.5 -34.2 52.4 319	0.817 0.0 1.0	0.183 0.0 1.0	28.4 38.9 -34.7 52.1 318	0.817 0.0 1.0			
354	320	319	0.833 0.0 1.0	43.4 73.8 -6.5 74.1 354	0.213 0.0 1.0	28.6 40.3 -33.7 52.6 320	0.833 0.0 1.0	0.199 0.0 1.0	28.5 39.6 -34.2 52.4 319	0.833 0.0 1.0			
355	321	320	0.85 0.0 1.0	43.7 74.3 -5.9 74.6 355	0.23 0.0 1.0	28.7 41.1 -33.2 52.9 321	0.85 0.0 1.0	0.215 0.0 1.0	28.6 40.4 -33.7 52.6 320	0.85 0.0 1.0			
355	322	321	0.866 0.0 1.0	44.0 74.9 -5.3 75.1 355	0.247 0.0 1.0	28.9 41.9 -32.6 53.1 322	0.867 0.0 1.0	0.231 0.0 1.0	28.7 41.1 -33.2 52.9 321	0.867 0.0 1.0			
356	323	321	0.883 0.0 1.0	44.3 75.4 -4.7 75.6 356	0.259 0.0 1.0	29.2 42.7 -32.1 53.5 323	0.883 0.0 1.0	0.247 0.0 1.0	28.9 41.8 -32.6 53.1 321	0.883 0.0 1.0			
356	324	322	0.9 0.0 1.0	44.6 76.0 -4.1 76.1 356	0.27 0.0 1.0	29.5 43.7 -31.6 54.0 324	0.9 0.0 1.0	0.258 0.0 1.0	29.2 42.7 -32.1 53.5 322	0.9 0.0 1.0			
357	325	323	0.916 0.0 1.0	44.8 76.6 -3.5 76.6 357	0.282 0.0 1.0	29.9 44.6 -31.1 54.4 325	0.917 0.0 1.0	0.269 0.0 1.0	29.5 43.5 -31.7 53.9 323	0.917 0.0 1.0			
357	326	324	0.933 0.0 1.0	45.1 77.1 -2.8 77.2 357	0.293 0.0 1.0	30.2 45.5 -30.6 54.8 326	0.933 0.0 1.0	0.28 0.0 1.0	29.8 44.4 -31.2 54.3 324	0.933 0.0 1.0			
358	327	325	0.95 0.0 1.0	45.3 77.7 -2.2 77.7 358	0.304 0.0 1.0	30.6 46.4 -30.0 55.3 327	0.95 0.0 1.0	0.29 0.0 1.0	30.1 45.2 -30.7 54.7 325	0.95 0.0 1.0			
358	328	326	0.966 0.0 1.0	45.6 78.2 -1.5 78.2 358	0.315 0.0 1.0	30.9 47.2 -29.4 55.7 328	0.967 0.0 1.0	0.301 0.0 1.0	30.5 46.1 -30.2 55.1 326	0.967 0.0 1.0			
359	329	327	0.983 0.0 1.0	45.8 78.7 -0.8 78.7 359	0.326 0.0 1.0	31.3 48.1 -28.8 56.1 329	0.983 0.0 1.0	0.311 0.0 1.0	30.8 46.9 -29.6 55.6 327	0.983 0.0 1.0			
359	330	328	1.0 0.0 1.0	46.1 79.3 -0.2 79.3 359	M_d 0.337 0.0 1.0	31.6 49.0 -28.2 56.6 330	M_s 1.0 0.0 1.0	0.322 0.0 1.0	31.1 47.8 -29.1 56.0 328	M_e 1.0 0.0 1.0			
360	331	329	1.0 0.0 0.983	46.1 79.1 0.3 79.1 360	0.349 0.0 1.0	32.0 49.9 -27.5 57.0 331	1.0 0.0 0.983	0.332 0.0 1.0	31.5 48.6 -28.5 56.4 329	1.0 0.0 0.983			
360	332	330	1.0 0.0 0.966	46.0 79.0 0.9 79.0 360	0.36 0.0 1.0	32.3 50.7 -26.9 57.5 332	1.0 0.0 0.967	0.343 0.0 1.0	31.8 49.4 -27.9 56.8 330	1.0 0.0 0.967			
361	333	331	1.0 0.0 0.95	46.0 78.9 1.5 78.9 361	0.371 0.0 1.0	32.7 51.6 -26.2 57.9 333	1.0 0.0 0.95	0.354 0.0 1.0	32.1 50.3 -27.2 57.2 331	1.0 0.0 0.95			
361	334	332	1.0 0.0 0.933	46.0 78.7 2.1 78.8 361	0.386 0.0 1.0	33.0 52.5 -25.5 58.4 334	1.0 0.0 0.933	0.364 0.0 1.0	32.4 51.1 -26.6 57.6 332	1.0 0.0 0.933			
361	335	333	1.0 0.0 0.916	46.0 78.6 2.7 78.6 361	0.404 0.0 1.0	33.4 53.5 -24.8 59.0 335	1.0 0.0 0.917	0.375 0.0 1.0	32.8 51.9 -25.9 58.0 333	1.0 0.0 0.917			
362	336	334	1.0 0.0 0.9	46.0 78.4 3.2 78.5 362	0.421 0.0 1.0	33.8 54.4 -24.1 59.6 336	1.0 0.0 0.9	0.391 0.0 1.0	33.1 52.8 -25.3 58.6 334	1.0 0.0 0.9			
362	337	335	1.0 0.0 0.883	45.9 78.3 3.8 78.4 362	0.438 0.0 1.0	34.2 55.4 -23.4 60.1 337	1.0 0.0 0.883	0.408 0.0 1.0	33.5 53.7 -24.7 59.1 335	1.0 0.0 0.883			
363	338	336	1.0 0.0 0.866	45.9 78.1 4.4 78.3 363	0.456 0.0 1.0	34.6 56.3 -22.6 60.7 338	1.0 0.0 0.867	0.424 0.0 1.0	33.9 54.6 -24.0 59.7 336	1.0 0.0 0.867			
363	339	337	1.0 0.0 0.85	45.9 78.0 5.0 78.2 363	0.473 0.0 1.0	35.0 57.2 -21.9 61.3 339	1.0 0.0 0.85	0.441 0.0 1.0	34.3 55.5 -23.3 60.2 337	1.0 0.0 0.85			
364	340	338	1.0 0.0 0.833	45.9 77.9 5.6 78.1 364	0.491 0.0 1.0	35.4 58.1 -21.1 61.9 340	1.0 0.0 0.833	0.457 0.0 1.0	34.6 56.4 -22.6 60.8 338	1.0 0.0 0.833			
364	341	339	1.0 0.0 0.816	45.9 77.7 6.2 78.0 364	0.508 0.0 1.0	35.8 59.1 -20.2 62.5 341	1.0 0.0 0.817	0.474 0.0 1.0	35.0 57.2 -21.8 61.3 339	1.0 0.0 0.817			
365	342	339	1.0 0.0 0.8	45.9 77.6 6.8 77.9 365	0.525 0.0 1.0	36.1 60.0 -19.4 63.1 342	1.0 0.0 0.8	0.491 0.0 1.0	35.4 58.1 -21.1 61.8 339	1.0 0.0 0.8			
365	343	340	1.0 0.0 0.783	45.9 77.4 7.4 77.8 365	0.542 0.0 1.0	36.4 61.0 -18.5 63.8 343	1.0 0.0 0.783	0.507 0.0 1.0	35.7 59.0 -20.3 62.4 340	1.0 0.0 0.783			
365	344	341	1.0 0.0 0.766	45.9 77.3 8.0 77.7 365	0.559 0.0 1.0	36.8 61.9 -17.7 64.4 344	1.0 0.0 0.767	0.523 0.0 1.0	36.1 59.9 -19.5 63.0 341	1.0 0.0 0.767			
366	345	342	1.0 0.0 0.75	45.9 77.1 8.6 77.6 366	0.576 0.0 1.0	37.1 62.9 -16.7 65.1 345	1.0 0.0 0.75	0.539 0.0 1.0	36.4 60.8 -18.7 63.7 342	1.0 0.0 0.75			

4-0131531-L0 PI880-71

LAB*la0, YN=0%, XYZnw=3.6, 4.2, 6.1, 85.4, 89.1, 104.8, LAB*nw=24.4, 0.0, 0.0, 95.6, 0.0, 0.0

uscita: Offset standard print; separation cmy0*, D65, pagina 16/33

grafico TUB-PI88; cerchio delle tinte a 16 passi
cerchio delle tinte a 48 passi; $rgb-LabCh$ *tavole

Input: $rgb/cmyk \rightarrow rgb_e$
Output: trasferire a $cmy0_e$

Data of Maximum color M in colorimetric system Offset standard print; separation cmy0*, 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 $RYGCBM_d$: $h_{ab,d} = 32.3, 96.1, 155.5, 238.4, 306.2, 359.8$; Six hue angles of the elementary colours $RYGCBM_e$: $h_{ab,e} = 25.5, 92.3, 162.2, 217.0, 271.7, 328.6$

$h_{ab,d}$	$h_{ab,s}$	$h_{ab,e}$	rgb^* dd361M	LAB^* ddx361Mi (x=LabCh)	rgb^* ds361Mi	LAB^* dsx361Mi (x=LabCh)	rgb^* dd361Mi	rgb^* de361Mi	LAB^* dex361Mi (x=LabCh)	rgb^* dd361Mi	rgb^* dd361Mi	rgb^*_d	rgb^*_d	rgb^*_d	rgb^*_d
366	345	342	1.0 0.0 0.75	45.9 77.1 8.6	77.6 366	0.576 0.0 1.0	37.1 62.9 -16.7	65.1 345	1.0 0.0 0.75	0.539 0.0 1.0	36.4 60.8 -18.7	63.7 342	1.0 0.0 0.75		
367	346	343	1.0 0.0 0.733	45.9 77.0 9.4	77.5 367	0.593 0.0 1.0	37.5 63.8 -15.8	65.7 346	1.0 0.0 0.733	0.555 0.0 1.0	36.7 61.7 -17.9	64.3 343	1.0 0.0 0.733		
367	347	344	1.0 0.0 0.716	45.9 76.8 10.3	77.5 367	0.61 0.0 1.0	37.8 64.7 -14.8	66.4 347	1.0 0.0 0.717	0.571 0.0 1.0	37.0 62.6 -17.0	64.9 344	1.0 0.0 0.717		
368	348	345	1.0 0.0 0.7	45.9 76.6 11.1	77.4 368	0.627 0.0 1.0	38.2 65.6 -13.8	67.1 348	1.0 0.0 0.7	0.587 0.0 1.0	37.3 63.5 -16.1	65.5 345	1.0 0.0 0.7		
368	349	346	1.0 0.0 0.683	45.9 76.4 11.9	77.3 368	0.654 0.0 1.0	39.0 66.8 -12.9	68.1 349	1.0 0.0 0.683	0.603 0.0 1.0	37.7 64.3 -15.2	66.1 346	1.0 0.0 0.683		
369	350	347	1.0 0.0 0.666	45.9 76.2 12.8	77.2 369	0.681 0.0 1.0	39.8 68.0 -11.9	69.1 350	1.0 0.0 0.667	0.619 0.0 1.0	38.0 65.2 -14.3	66.7 347	1.0 0.0 0.667		
370	351	348	1.0 0.0 0.65	46.0 75.9 13.6	77.2 370	0.708 0.0 1.0	40.6 69.2 -10.9	70.1 351	1.0 0.0 0.65	0.641 0.0 1.0	38.6 66.2 -13.4	67.6 348	1.0 0.0 0.65		
370	352	349	1.0 0.0 0.633	46.0 75.7 14.4	77.1 370	0.735 0.0 1.0	41.4 70.4 -9.8	71.1 352	1.0 0.0 0.633	0.667 0.0 1.0	39.3 67.4 -12.4	68.5 349	1.0 0.0 0.633		
371	353	350	1.0 0.0 0.616	46.0 75.5 15.2	77.1 371	0.765 0.0 1.0	42.1 71.6 -8.7	72.1 353	1.0 0.0 0.617	0.692 0.0 1.0	40.1 68.5 -11.5	69.5 350	1.0 0.0 0.617		
372	354	351	1.0 0.0 0.6	45.9 75.4 16.1	77.1 372	0.8 0.0 1.0	42.8 72.7 -7.5	73.1 354	1.0 0.0 0.6	0.717 0.0 1.0	40.9 69.6 -10.5	70.4 351	1.0 0.0 0.6		
372	355	352	1.0 0.0 0.583	45.9 75.2 16.9	77.1 372	0.835 0.0 1.0	43.5 73.9 -6.4	74.2 355	1.0 0.0 0.583	0.743 0.0 1.0	41.6 70.7 -9.5	71.4 352	1.0 0.0 0.583		
373	356	353	1.0 0.0 0.566	45.9 75.0 17.8	77.1 373	0.87 0.0 1.0	44.2 75.0 -5.1	75.2 356	1.0 0.0 0.567	0.774 0.0 1.0	42.3 71.9 -8.4	72.4 353	1.0 0.0 0.567		
374	357	354	1.0 0.0 0.55	45.9 74.8 18.6	77.1 374	0.904 0.0 1.0	44.7 76.2 -3.9	76.3 357	1.0 0.0 0.55	0.807 0.0 1.0	42.9 73.0 -7.3	73.3 354	1.0 0.0 0.55		
374	358	355	1.0 0.0 0.533	45.9 74.6 19.5	77.1 374	0.938 0.0 1.0	45.2 77.3 -2.6	77.3 358	1.0 0.0 0.533	0.84 0.0 1.0	43.6 74.1 -6.2	74.3 355	1.0 0.0 0.533		
375	359	356	1.0 0.0 0.516	45.9 74.4 20.3	77.1 375	0.971 0.0 1.0	45.7 78.4 -1.3	78.4 359	1.0 0.0 0.517	0.873 0.0 1.0	44.2 75.1 -5.0	75.3 356	1.0 0.0 0.517		
375	360	352	1.0 0.0 0.5	45.9 74.2 21.1	77.1 375	1.0 0.0 0.994	46.1 79.3 0.0	79.3 360	1.0 0.0 0.5	0.736 0.0 1.0	41.4 70.5 -9.7	71.1 352	1.0 0.0 0.5		
376	361	353	1.0 0.0 0.483	45.8 74.1 22.1	77.3 376	1.0 0.0 0.955	46.1 79.0 1.4	79.0 361	1.0 0.0 0.483	0.771 0.0 1.0	42.2 71.8 -8.5	72.3 353	1.0 0.0 0.483		
377	362	354	1.0 0.0 0.466	45.8 73.9 23.1	77.4 377	1.0 0.0 0.916	46.0 78.6 2.7	78.7 362	1.0 0.0 0.467	0.81 0.0 1.0	43.0 73.1 -7.2	73.4 354	1.0 0.0 0.467		
378	363	355	1.0 0.0 0.45	45.8 73.8 24.0	77.6 378	1.0 0.0 0.876	46.0 78.3 4.1	78.4 363	1.0 0.0 0.45	0.849 0.0 1.0	43.8 74.4 -5.9	74.6 355	1.0 0.0 0.45		
378	364	356	1.0 0.0 0.433	45.8 73.6 25.0	77.7 378	1.0 0.0 0.839	46.0 78.0 5.5	78.2 364	1.0 0.0 0.433	0.887 0.0 1.0	44.4 75.6 -4.5	75.8 356	1.0 0.0 0.433		
379	365	357	1.0 0.0 0.416	45.8 73.4 25.9	77.9 379	1.0 0.0 0.802	46.0 77.7 6.8	78.0 365	1.0 0.0 0.417	0.925 0.0 1.0	45.0 76.9 -3.1	77.0 357	1.0 0.0 0.417		
380	366	358	1.0 0.0 0.4	45.8 73.2 26.9	78.0 380	1.0 0.0 0.765	46.0 77.3 8.1	77.8 366	1.0 0.0 0.4	0.963 0.0 1.0	45.6 78.1 -1.6	78.1 358	1.0 0.0 0.4		
380	367	359	1.0 0.0 0.383	45.8 73.0 27.8	78.2 380	1.0 0.0 0.734	46.0 77.0 9.5	77.6 367	1.0 0.0 0.383	1.0 0.0 1.0	46.1 79.3 -0.1	79.3 359	1.0 0.0 0.383		
381	368	360	1.0 0.0 0.366	45.8 72.9 28.7	78.4 381	1.0 0.0 0.708	46.0 76.7 10.8	77.5 368	1.0 0.0 0.367	1.0 0.0 0.956	46.1 79.0 1.3	79.0 360	1.0 0.0 0.367		
382	369	362	1.0 0.0 0.35	45.8 72.8 29.6	78.6 382	1.0 0.0 0.681	46.0 76.4 12.1	77.4 369	1.0 0.0 0.35	1.0 0.0 0.912	46.0 78.6 2.9	78.7 362	1.0 0.0 0.35		
382	370	363	1.0 0.0 0.333	45.7 72.7 30.4	78.8 382	1.0 0.0 0.655	46.0 76.1 13.4	77.2 370	1.0 0.0 0.333	1.0 0.0 0.869	46.0 78.2 4.4	78.3 363	1.0 0.0 0.333		
383	371	364	1.0 0.0 0.316	45.7 72.6 31.2	79.1 383	1.0 0.0 0.628	46.0 75.7 14.7	77.1 371	1.0 0.0 0.317	1.0 0.0 0.828	46.0 77.9 5.9	78.1 364	1.0 0.0 0.317		
383	372	365	1.0 0.0 0.3	45.7 72.5 32.1	79.3 383	1.0 0.0 0.602	46.0 75.4 16.0	77.1 372	1.0 0.0 0.3	1.0 0.0 0.786	46.0 77.5 7.4	77.9 365	1.0 0.0 0.3		
384	373	366	1.0 0.0 0.283	45.6 72.4 32.9	79.6 384	1.0 0.0 0.576	46.0 75.2 17.4	77.1 373	1.0 0.0 0.283	1.0 0.0 0.746	46.0 77.1 8.8	77.7 366	1.0 0.0 0.283		
385	374	367	1.0 0.0 0.266	45.6 72.3 33.8	79.8 385	1.0 0.0 0.55	45.9 74.9 18.7	77.2 374	1.0 0.0 0.267	1.0 0.0 0.717	46.0 76.8 10.3	77.5 367	1.0 0.0 0.267		
385	375	368	1.0 0.0 0.25	45.6 72.1 34.6	80.0 385	1.0 0.0 0.524	45.9 74.5 20.0	77.2 375	1.0 0.0 0.25	1.0 0.0 0.687	46.0 76.5 11.8	77.4 368	1.0 0.0 0.25		
386	376	369	1.0 0.0 0.233	45.6 72.1 35.3	80.3 386	1.0 0.0 0.498	45.9 74.2 21.3	77.2 376	1.0 0.0 0.233	1.0 0.0 0.658	46.0 76.1 13.3	77.2 369	1.0 0.0 0.233		
386	377	370	1.0 0.0 0.216	45.6 72.0 36.1	80.5 386	1.0 0.0 0.475	45.9 74.0 22.6	77.4 377	1.0 0.0 0.217	1.0 0.0 0.628	46.0 75.7 14.7	77.1 370	1.0 0.0 0.217		
387	378	372	1.0 0.0 0.2	45.6 71.9 36.8	80.8 387	1.0 0.0 0.451	45.9 73.8 24.0	77.6 378	1.0 0.0 0.2	1.0 0.0 0.599	46.0 75.4 16.2	77.1 372	1.0 0.0 0.2		
387	379	373	1.0 0.0 0.183	45.5 71.8 37.5	81.0 387	1.0 0.0 0.428	45.9 73.6 25.3	77.8 379	1.0 0.0 0.183	1.0 0.0 0.57	46.0 75.1 17.6	77.1 373	1.0 0.0 0.183		
388	380	374	1.0 0.0 0.166	45.5 71.7 38.2	81.3 388	1.0 0.0 0.404	45.9 73.3 26.7	78.0 380	1.0 0.0 0.167	1.0 0.0 0.541	45.9 74.8 19.1	77.2 374	1.0 0.0 0.167		
388	381	375	1.0 0.0 0.15	45.5 71.6 39.0	81.5 388	1.0 0.0 0.38	45.8 73.1 28.0	78.3 381	1.0 0.0 0.15	1.0 0.0 0.512	45.9 74.4 20.6	77.2 375	1.0 0.0 0.15		
389	382	376	1.0 0.0 0.133	45.5 71.5 39.7	81.8 389	1.0 0.0 0.353	45.8 72.9 29.4	78.6 382	1.0 0.0 0.133	1.0 0.0 0.485	45.9 74.1 22.0	77.3 376	1.0 0.0 0.133		
389	383	377	1.0 0.0 0.116	45.5 71.4 40.4	82.1 389	1.0 0.0 0.325	45.8 72.7 30.9	79.0 383	1.0 0.0 0.117	1.0 0.0 0.459	45.9 73.9 23.6	77.6 377	1.0 0.0 0.117		
389	384	378	1.0 0.0 0.1	45.5 71.3 41.0	82.3 389	1.0 0.0 0.297	45.7 72.5 32.3	79.4 384	1.0 0.0 0.1	1.0 0.0 0.433	45.9 73.6 25.1	77.8 378	1.0 0.0 0.1		
390	385	379	1.0 0.0 0.083	45.5 71.3 41.6	82.6 390	1.0 0.0 0.268	45.7 72.3 33.7	79.8 385	1.0 0.0 0.083	1.0 0.0 0.406	45.9 73.4 26.6	78.0 379	1.0 0.0 0.083		
390	386	381	1.0 0.0 0.066	45.5 71.2 42.3	82.8 390	1.0 0.0 0.238	45.6 72.1 35.2	80.3 386	1.0 0.0 0.067	1.0 0.0 0.38	45.8 73.1 28.1	78.3 381	1.0 0.0 0.067		
391	387	382	1.0 0.0 0.049	45.5 71.1 42.9	83.1 391	1.0 0.0 0.204	45.6 72.0 36.7	80.8 387	1.0 0.0 0.05	1.0 0.0 0.349	45.8 72.9 29.6	78.7 382	1.0 0.0 0.05		
391	388	383	1.0 0.0 0.033	45.4 71.1 43.5	83.4 391	1.0 0.0 0.17	45.6 71.8 38.2	81.3 388	1.0 0.0 0.033	1.0 0.0 0.318	45.8 72.7 31.2	79.1 383	1.0 0.0 0.033		
391	389	384	1.0 0.0 0.016	45.4 71.0 44.2	83.6 391	1.0 0.0 0.135	45.6 71.6 39.7	81.8 389	1.0 0.0 0.017	1.0 0.0 0.286	45.7 72.5 32.8	79.6 384	1.0 0.0 0.017		
392	390	385	1.0 0.0 0.0	45.4 70.9 44.8	83.9 392	1.0 0.0 0.096	45.5 71.4 41.2	82.4 390	1.0 0.0 0.0	1.0 0.0 0.255	45.7 72.2 34.4	80.0 385	1.0 0.0 0.0		

4-0131631-L0 PI880-71

LAB*la0, YN=0%, XYZnw=3.6, 4.2, 6.1, 85.4, 89.1, 104.8, LAB*nw=24.4, 0.0, 0.0, 95.6, 0.0, 0.0

uscita: Offset standard print; separation cmy0*, D65, pagina 17/33

grafico TUB-PI88; cerchio delle tinte a 16 passi
cerchio delle tinte a 48 passi; $rgb-LabCh$ *tavole

Input: $rgb/cmyk \rightarrow rgb_e$
Output: trasferire a $cmy0_e$



TUB materiale: code=rha4ta

-vedi file simili: <http://farbe.li.tu-berlin.de/PI88/PI88.HTM>

gratifico l'UB-P188; cerchio delle tinte a 16 passi
colori e la differenza, ΔE^* ,

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

n/	HIC _{Fe}	rgb _{Fe}	ιc _{Fe}	h _{g,Fe}	rgb ^{Fe}	LabCh ^{Fe}	rgb ^{Fe}	LabCh ^{Fe}	DB ^{Fe}	h _{ax,Fe}	rgb ^{Fe}	LabCh ^{Fe}	n/	HIC _{Fe}	rgb _{Fe}	ιc _{Fe}	h _{g,Fe}	rgb ^{Fe}	LabCh ^{Fe}	DB ^{Fe}	h _{ax,Fe}	rgb ^{Fe}	LabCh ^{Fe}	
0/648	R03Y_100_100e	1.0	0.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0/648	R03Y_100_100e	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1/657	R13Y_100_100e	1.0	0.125	0.0	1.0	0.02	0.0	0.0	0.0	0.0	0.0	0.0	1/657	R13Y_100_100e	1.0	0.02	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2/666	R25Y_100_100e	1.0	0.25	0.0	1.0	0.05	0.0	0.0	0.0	0.0	0.0	0.0	2/666	R25Y_100_100e	1.0	0.05	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3/675	R38Y_100_100e	1.0	0.375	0.0	1.0	0.08	0.0	0.0	0.0	0.0	0.0	0.0	3/675	R38Y_100_100e	1.0	0.08	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4/684	R50Y_100_100e	1.0	0.5	0.0	1.0	0.16	0.0	0.0	0.0	0.0	0.0	0.0	4/684	R50Y_100_100e	1.0	0.16	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5/693	R63Y_100_100e	1.0	0.625	0.0	1.0	0.24	0.0	0.0	0.0	0.0	0.0	0.0	5/693	R63Y_100_100e	1.0	0.24	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6/702	R75Y_100_100e	1.0	0.75	0.0	1.0	0.32	0.0	0.0	0.0	0.0	0.0	0.0	6/702	R75Y_100_100e	1.0	0.32	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7/711	R88Y_100_100e	1.0	0.875	0.0	1.0	0.4	0.0	0.0	0.0	0.0	0.0	0.0	7/711	R88Y_100_100e	1.0	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8/720	Y00G_100_100e	1.0	1.0	0.0	1.0	0.48	0.0	0.0	0.0	0.0	0.0	0.0	8/720	Y00G_100_100e	1.0	0.48	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9/639	Y13G_100_100e	0.875	1.0	0.0	1.0	0.605	1.0	0.0	0.0	0.0	0.0	0.0	9/639	Y13G_100_100e	0.875	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10/558	Y25G_100_100e	0.75	1.0	0.0	1.0	0.74	0.0	0.0	0.0	0.0	0.0	0.0	10/558	Y25G_100_100e	0.75	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
11/477	Y38G_100_100e	0.625	1.0	0.0	1.0	0.84	0.0	0.0	0.0	0.0	0.0	0.0	11/477	Y38G_100_100e	0.625	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
12/396	Y50G_100_100e	0.5	1.0	0.0	1.0	0.92	0.0	0.0	0.0	0.0	0.0	0.0	12/396	Y50G_100_100e	0.5	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
13/315	Y63G_100_100e	0.375	1.0	0.0	1.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	13/315	Y63G_100_100e	0.375	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14/234	Y75G_100_100e	0.25	1.0	0.0	1.0	1.08	1.0	0.0	0.0	0.0	0.0	0.0	14/234	Y75G_100_100e	0.25	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15/153	Y88G_100_100e	0.125	1.0	0.0	1.0	1.16	1.0	0.0	0.0	0.0	0.0	0.0	15/153	Y88G_100_100e	0.125	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
16/72	G00C_100_100e	0.0	1.0	0.0	1.0	0.151	0.0	0.0	0.0	0.0	0.0	0.0	16/72	G00C_100_100e	0.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
17/73	G13C_100_100e	0.0	1.0	0.125	1.0	0.261	0.0	0.0	0.0	0.0	0.0	0.0	17/73	G13C_100_100e	0.0	1.0	0.125	1.0	0.0	0.0	0.0	0.0	0.0	0.0
18/74	G25C_100_100e	0.0	1.0	0.25	1.0	0.35	0.0	0.0	0.0	0.0	0.0	0.0	18/74	G25C_100_100e	0.0	1.0	0.25	1.0	0.0	0.0	0.0	0.0	0.0	0.0
19/75	G38C_100_100e	0.0	1.0	0.375	1.0	0.46	0.0	0.0	0.0	0.0	0.0	0.0	19/75	G38C_100_100e	0.0	1.0	0.375	1.0	0.0	0.0	0.0	0.0	0.0	0.0
20/76	G50C_100_100e	0.0	1.0	0.5	1.0	0.502	0.0	0.0	0.0	0.0	0.0	0.0	20/76	G50C_100_100e	0.0	1.0	0.5	1.0	0.0	0.0	0.0	0.0	0.0	0.0
21/77	G63C_100_100e	0.0	1.0	0.625	1.0	0.568	0.0	0.0	0.0	0.0	0.0	0.0	21/77	G63C_100_100e	0.0	1.0	0.625	1.0	0.0	0.0	0.0	0.0	0.0	0.0
22/78	G75C_100_100e	0.0	1.0	0.75	1.0	0.633	0.0	0.0	0.0	0.0	0.0	0.0	22/78	G75C_100_100e	0.0	1.0	0.75	1.0	0.0	0.0	0.0	0.0	0.0	0.0
23/79	G88C_100_100e	0.0	1.0	0.875	1.0	0.69	0.0	0.0	0.0	0.0	0.0	0.0	23/79	G88C_100_100e	0.0	1.0	0.875	1.0	0.0	0.0	0.0	0.0	0.0	0.0
24/80	C00B_100_100e	0.0	1.0	0.0	1.0	0.151	0.0	0.0	0.0	0.0	0.0	0.0	24/80	C00B_100_100e	0.0	1.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0
25/81	C13B_100_100e	0.0	0.875	1.0	1.0	0.261	0.0	0.0	0.0	0.0	0.0	0.0	25/81	C13B_100_100e	0.0	0.875	1.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0
26/82	C25B_100_100e	0.0	0.75	1.0	1.0	0.35	0.0	0.0	0.0	0.0	0.0	0.0	26/82	C25B_100_100e	0.0	0.75	1.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0
27/83	C38B_100_100e	0.0	0.625	1.0	1.0	0.46	0.0	0.0	0.0	0.0	0.0	0.0	27/83	C38B_100_100e	0.0	0.625	1.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0
28/84	C50B_100_100e	0.0	0.5	1.0	1.0	0.502	0.0	0.0	0.0	0.0	0.0	0.0	28/84	C50B_100_100e	0.0	0.5	1.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0
29/85	C63B_100_100e	0.0	0.375	1.0	1.0	0.568	0.0	0.0	0.0	0.0	0.0	0.0	29/85	C63B_100_100e	0.0	0.375	1.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0
30/86	C75B_100_100e	0.0	0.25	1.0	1.0	0.633	0.0	0.0	0.0	0.0	0.0	0.0	30/86	C75B_100_100e	0.0	0.25	1.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0
31/87	C88B_100_100e	0.0	0.125	1.0	1.0	0.69	0.0	0.0	0.0	0.0	0.0	0.0	31/87	C88B_100_100e	0.0	0.125	1.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0
32/88	B00M_100_100e	0.0	0.0	1.0	1.0	0.458	1.0	0.0	0.0	0.0	0.0	0.0	32/88	B00M_100_100e	0.0	0.0	1.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0
33/89	B13M_100_100e	0.125	0.0	1.0	1.0	0.378	1.0	0.0	0.0	0.0	0.0	0.0	33/89	B13M_100_100e	0.125	0.0	1.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0
34/170	B25M_100_100e	0.25	0.0	1.0	1.0	0.518	0.0	0.0	0.0	0.0	0.0	0.0	34/170	B25M_100_100e	0.25	0.0	1.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0
35/251	B38M_100_100e	0.375	0.0	1.0	1.0	0.633	0.0	0.0	0.0	0.0	0.0	0.0	35/251	B38M_100_100e	0.375	0.0	1.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0
36/332	B50M_100_100e	0.5	0.0	1.0	1.0	0.846	0.0	0.0	0.0	0.0	0.0	0.0	36/332	B50M_100_100e	0.5	0.0	1.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0
37/413	B63M_100_100e	0.625	0.0	1.0	1.0	0.92	0.0	0.0	0.0	0.0	0.0	0.0	37/413	B63M_100_100e	0.625	0.0	1.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0
38/494	B75M_100_100e	0.75	0.0	1.0	1.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	38/494	B75M_100_100e	0.75	0.0	1.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0
39/575	B88M_100_100e	0.875	0.0	1.0	1.0	1.08	0.0	0.0	0.0	0.0	0.0	0.0	39/575	B88M_100_100e	0.875	0.0	1.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0
40/656	M00R_100_100e	1.0	0.0	1.0	1.0	0.477	0.0	0.0	0.0	0.0	0.0	0.0	40/656	M00R_100_100e	1.0	0.0	1.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0
41/655	M13R_100_100e	1.0	0.0	1.0	1.0	0.536	0.0	0.0	0.0	0.0	0.0	0.0	41/655	M13R_100_100e	1.0	0.0	1.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0
42/664	M25R_100_100e	1.0	0.0	1.0	1.0	0.59	0.0	0.0	0.0	0.0	0.0	0.0	42/664	M25R_100_100e	1.0	0.0	1.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0
43/653	M38R_100_100e	1.0	0.0	1.0	1.0	0.666	0.0	0.0	0.0	0.0	0.0	0.0	43/653	M38R_100_100e	1.0	0.0	1.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0
44/652	M50R_100_100e	1.0	0.0	1.0	1.0	0.736	0.0	0.0	0.0	0.0	0.0	0.0	44/652	M50R_100_100e	1.0	0.0	1.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0
45/661	M63R_100_100e	1.0	0.0	1.0	1.0	0.846	0.0	0.0	0.0	0.0	0.0	0.0	45/661	M63R_100_100e	1.0	0.0	1.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0
46/660	M75R_100_100e	1.0	0.0	1.0	1.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	46/660	M75R_100_100e	1.0	0.0	1.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0
47/669	M88R_100_100e	1.0	0.0	1.0	1.0	1.08	0.0	0.0	0.0	0.0	0.0	0.0	47/669	M88R_100_100e	1.0	0.0	1.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0
48/648	R00Y_100_100e	1.0	0.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	48/648	R00Y_100_100e	1.0	0.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0
49/0	NW_000e	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	49/0	NW_000e	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50/91	NW_013e	0.125	0.125	0.125	0.0	0.125	0.0	0.0	0.0	0.0	0.0	0.0	50/91	NW_013e	0.125	0.125	0.125	0.0	0.125	0.0	0.0	0.0	0.0	0.0
51/182	NW_025e	0.25	0.25	0.25	0.0	0.25	0.0	0.0	0.0	0.0	0.0	0.0	51/182	NW_025e	0.25	0.25	0.25	0.0	0.25	0.0	0.0	0.0	0.0	0.0
52/273	NW_038e	0.375	0.375	0.375	0.0	0.375	0.0	0.0	0.0	0.0	0.0	0.0	52/273											

PI880-7N, 18/33-F

4-0131731-F0

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PI880-7N, 18/33-F



TUB materiale: code=rha4ta

-vedi file simili: <http://farbe.li.tu-berlin.de/PI88/PI88.HTM>

Input: *rgb/cmyk* -> *rgb*_e
Output: trasferire a *cmy*₀_e

grafico TUB-PI88; cerchio delle tinte a 16 passi
colori e la differenza ΔE^* ;

grafico TUB-PI88; cerchio
colori e la differenza ΔE^* ,

4-0131831-F0

PI880-7N, 19/33-F

[illegible]

n	HVC*Fe	rgb*Fe	icL*Fe	hsa*Fe	rgb*Fe	LabCh*Fe	LabCh*Fe	DF*Fe	hsa*Fe	rgb*Fe	LabCh*Fe	LabCh*Fe
729	NW_100%	0.875	1.0	1.0	0.875	1.0	95.5	0.0	360	1.0	95.5	0.0
730	G50B_100.012%	0.875	1.0	0.125	0.875	1.0	91.9	-2.9	0.0	1.0	91.9	0.0
731	G50B_100.025%	0.875	1.0	0.25	0.875	1.0	87.8	-5.7	0.0	1.0	87.8	0.0
732	G50B_100.037%	0.875	1.0	0.375	0.875	1.0	83.2	-8.6	0.0	1.0	83.2	0.0
733	G50B_100.050%	0.875	1.0	0.5	0.875	1.0	77.3	-12.2	0.0	1.0	77.3	0.0
734	G50B_100.062%	0.875	1.0	0.625	0.875	1.0	72.3	-15.5	0.0	1.0	72.3	0.0
735	G50B_100.075%	0.875	1.0	0.75	0.875	1.0	66.5	-19.1	0.0	1.0	66.5	0.0
736	G50B_100.087%	0.875	1.0	0.875	0.875	1.0	61.2	-21.8	0.0	1.0	61.2	0.0
737	G50B_100.100%	0.875	1.0	1.0	0.875	1.0	55.3	-24.7	0.0	1.0	55.3	0.0
738	ROY_100.012%	0.875	0.875	0.125	0.875	0.875	86.1	1.2	360	1.0	86.1	360
739	NW_087%	0.875	0.875	0.875	0.875	0.875	82.2	-1.9	0.0	1.0	82.2	0.0
740	G50B_087.012%	0.875	0.875	0.125	0.875	0.875	77.9	-5.4	0.0	1.0	77.9	0.0
741	G50B_087.025%	0.875	0.875	0.25	0.875	0.875	72.8	-9.5	0.0	1.0	72.8	0.0
742	G50B_087.037%	0.875	0.875	0.375	0.875	0.875	67.6	-13.7	0.0	1.0	67.6	0.0
743	G50B_087.050%	0.875	0.875	0.5	0.875	0.875	62.2	-18.3	0.0	1.0	62.2	0.0
744	G50B_087.062%	0.875	0.875	0.625	0.875	0.875	57.2	-22.1	0.0	1.0	57.2	0.0
745	G50B_087.075%	0.875	0.875	0.75	0.875	0.875	51.9	-26.3	0.0	1.0	51.9	0.0
746	G50B_087.087%	0.875	0.875	0.875	0.875	0.875	46.3	-30.4	0.0	1.0	46.3	0.0
747	ROY_100.012%	0.875	0.75	0.875	0.875	0.75	82.3	11.7	360	1.0	82.3	360
748	ROY_100.025%	0.875	0.75	0.875	0.875	0.75	79.1	10.9	360	1.0	79.1	360
749	NW_075%	0.875	0.75	0.875	0.875	0.75	75.6	4.4	360	1.0	75.6	360
750	G50B_075.012%	0.875	0.75	0.875	0.875	0.75	71.2	0.3	360	1.0	71.2	360
751	G50B_075.025%	0.875	0.75	0.875	0.875	0.75	66.4	-4.7	360	1.0	66.4	360
752	G50B_075.037%	0.875	0.75	0.875	0.875	0.75	61.8	-9.3	360	1.0	61.8	360
753	G50B_075.050%	0.875	0.75	0.875	0.875	0.75	56.5	-13.4	360	1.0	56.5	360
754	G50B_075.062%	0.875	0.75	0.875	0.875	0.75	51.2	-17.6	360	1.0	51.2	360
755	G50B_075.075%	0.875	0.75	0.875	0.875	0.75	45.3	-21.7	360	1.0	45.3	360
756	ROY_100.037%	0.875	0.625	0.875	0.875	0.625	76.1	18.3	360	1.0	76.1	360
757	ROY_100.050%	0.875	0.625	0.875	0.875	0.625	73.0	14.4	360	1.0	73.0	360
758	ROY_075.012%	0.875	0.625	0.875	0.875	0.625	69.8	10.1	360	1.0	69.8	360
759	NW_062%	0.875	0.625	0.875	0.875	0.625	65.4	5.8	360	1.0	65.4	360
760	G50B_062.012%	0.875	0.625	0.875	0.875	0.625	61.2	0.0	360	1.0	61.2	360
761	G50B_062.025%	0.875	0.625	0.875	0.875	0.625	56.7	-5.3	360	1.0	56.7	360
762	G50B_062.037%	0.875	0.625	0.875	0.875	0.625	51.7	-10.3	360	1.0	51.7	360
763	G50B_062.050%	0.875	0.625	0.875	0.875	0.625	46.0	-15.2	360	1.0	46.0	360
764	G50B_062.062%	0.875	0.625	0.875	0.875	0.625	40.3	-20.1	360	1.0	40.3	360
765	ROY_100.050%	0.875	0.5	0.875	0.875	0.5	68.2	29.0	360	1.0	68.2	360
766	ROY_087.037%	0.875	0.5	0.875	0.875	0.5	63.2	24.5	360	1.0	63.2	360
767	ROY_075.025%	0.875	0.5	0.875	0.875	0.5	58.2	20.1	360	1.0	58.2	360
768	ROY_062.012%	0.875	0.5	0.875	0.875	0.5	53.7	14.9	360	1.0	53.7	360
769	NW_050%	0.875	0.5	0.875	0.875	0.5	48.9	8.9	360	1.0	48.9	360
770	G50B_050.012%	0.875	0.5	0.875	0.875	0.5	44.3	4.7	360	1.0	44.3	360
771	G50B_050.025%	0.875	0.5	0.875	0.875	0.5	39.5	-0.6	360	1.0	39.5	360
772	G50B_050.037%	0.875	0.5	0.875	0.875	0.5	34.7	-5.7	360	1.0	34.7	360
773	G50B_050.050%	0.875	0.5	0.875	0.875	0.5	29.9	-10.7	360	1.0	29.9	360
774	ROY_100.062%	0.875	0.375	0.875	0.875	0.375	61.4	39.0	360	1.0	61.4	360
775	ROY_087.050%	0.875	0.375	0.875	0.875	0.375	56.9	33.9	360	1.0	56.9	360
776	ROY_075.037%	0.875	0.375	0.875	0.875	0.375	51.9	28.8	360	1.0	51.9	360
777	ROY_062.025%	0.875	0.375	0.875	0.875	0.375	46.8	23.8	360	1.0	46.8	360
778	ROY_050.012%	0.875	0.375	0.875	0.875	0.375	41.7	18.8	360	1.0	41.7	360
779	NW_037%	0.875	0.375	0.875	0.875	0.375	36.7	13.7	360	1.0	36.7	360
780	G50B_037.012%	0.875	0.375	0.875	0.875	0.375	31.7	8.7	360	1.0	31.7	360
781	G50B_037.025%	0.875	0.375	0.875	0.875	0.375	26.7	-3.7	360	1.0	26.7	360
782	ROY_100.037%	0.875	0.25	0.875	0.875	0.25	49.7	40.6	360	1.0	49.7	360
783	ROY_100.050%	0.875	0.25	0.875	0.875	0.25	44.6	35.5	360	1.0	44.6	360
784	ROY_087.062%	0.875	0.25	0.875	0.875	0.25	39.4	30.4	360	1.0	39.4	360
785	ROY_075.050%	0.875	0.25	0.875	0.875	0.25	34.3	25.3	360	1.0	34.3	360
786	ROY_062.037%	0.875	0.25	0.875	0.875	0.25	29.2	20.2	360	1.0	29.2	360
787	ROY_050.025%	0.875	0.25	0.875	0.875	0.25	24.1	15.1	360	1.0	24.1	360
788	ROY_037.012%	0.875	0.25	0.875	0.875	0.25	19.0	10.0	360	1.0	19.0	360
789	G50B_025.012%	0.875	0.25	0.875	0.875	0.25	14.0	5.0	360	1.0	14.0	360
790	G50B_025.025%	0.875	0.25	0.875	0.875	0.25	9.3	0.3	360	1.0	9.3	360
791	G50B_025.037%	0.875	0.25	0.875	0.875	0.25	4.7	-4.7	360	1.0	4.7	360
792	ROY_087.075%	0.875	0.125	0.875	0.875	0.125	49.4	41.7	360	1.0	49.4	360
793	ROY_075.062%	0.875	0.125	0.875	0.875	0.125	44.4	36.6	360	1.0	44.4	360
794	ROY_062.050%	0.875	0.125	0.875	0.875	0.125	39.3	31.5	360	1.0	39.3	360
795	ROY_050.037%	0.875	0.125	0.875	0.875	0.125	34.2	26.4	360	1.0	34.2	360
796	ROY_037.025%	0.875	0.125	0.875	0.875	0.125	29.1	21.3	360	1.0	29.1	360
797	ROY_025.012%	0.875	0.125	0.875	0.875	0.125	24.0	16.2	360	1.0	24.0	360
798	NW_012%	0.875	0.125	0.875	0.875	0.125	18.9	11.1	360	1.0	18.9	360
799	G50B_012.012%	0.875	0.125	0.875	0.875	0.125	13.8	6.0	360	1.0	13.8	360
800	G50B_012.025%	0.875	0.125	0.875	0.875	0.125	8.7	1.0	360	1.0	8.7	360
801	ROY_100.100%	0.875	0.0	0.875	0.875	0.0	45.1	45.1	360	1.0	45.1	360
802	ROY_087.087%	0.875	0.0	0.875	0.875	0.0	40.0	40.0	360	1.0	40.0	360
803	ROY_075.075%	0.875	0.0	0.875	0.875	0.0	34.9	34.9	360	1.0	34.9	360
804	ROY_062.062%	0.875	0.0	0.875	0.875	0.0	29.8	29.8	360	1.0	29.8	360
805	ROY_050.050%	0.875	0.0	0.875	0.875	0.0	24.7	24.7	360	1.0	24.7	360
806	ROY_037.037%	0.875	0.0	0.875	0.875	0.0	19.6	19.6	360	1.0	19.6	360
807	ROY_025.025%	0.875	0.0	0.875	0.875	0.0	14.5	14.5	360	1.0	14.5	360
808	ROY_012.012%	0.875	0.0	0.875	0.875	0.0	9.4	9.4	360	1.0	9.4	360
809	NW_000%	0.875	0.0	0.875	0.875	0.0	4.3	4.3	360	1.0	4.3	360

Input: rgb/cmyk -> rgb
Output: trasferire a cmy0e

PI88-7N, 29/33-F

grafico TUB-PI88; cerchio delle tinte a 16 passi
colori e la differenza, ΔE*

http://farbe.li.tu-berlin.de/PI88/PI88LONP.PDF /.PS; Output di trasferimento
N: nessuna linearizzazione 3D (OL) nel file (F) o PS-startup (S), pagine 30/33

n	H1C*Fe	rgb*Fe	ic1*Fe	hs1*Fe	rgb*Fe	LabCH*Fe	LabCH*Fe	DF*Fe	hsM*Fe	rgb*Fe	LabCH*Fe	LabCH*Fe
810	NW_100	0.875	0.875	1.0	0.875	0.932	1.0	0.0	0.0	0.0	0.0	0.0
811	BOOR_100.012	0.875	0.875	1.0	0.875	0.932	1.0	0.0	0.0	0.0	0.0	0.0
812	BOOR_100.025	0.875	0.875	1.0	0.875	0.932	1.0	0.0	0.0	0.0	0.0	0.0
813	BOOR_100.037	0.875	0.875	1.0	0.875	0.932	1.0	0.0	0.0	0.0	0.0	0.0
814	BOOR_100.050	0.875	0.875	1.0	0.875	0.932	1.0	0.0	0.0	0.0	0.0	0.0
815	BOOR_100.062	0.875	0.875	1.0	0.875	0.932	1.0	0.0	0.0	0.0	0.0	0.0
816	BOOR_100.075	0.875	0.875	1.0	0.875	0.932	1.0	0.0	0.0	0.0	0.0	0.0
817	BOOR_100.087	0.875	0.875	1.0	0.875	0.932	1.0	0.0	0.0	0.0	0.0	0.0
818	BOOR_100.100	0.875	0.875	1.0	0.875	0.932	1.0	0.0	0.0	0.0	0.0	0.0
819	YOCG_100.012	0.875	0.875	1.0	0.875	0.932	1.0	0.0	0.0	0.0	0.0	0.0
820	NW_087	0.875	0.875	1.0	0.875	0.932	1.0	0.0	0.0	0.0	0.0	0.0
821	BOOR_087.012	0.875	0.875	1.0	0.875	0.932	1.0	0.0	0.0	0.0	0.0	0.0
822	BOOR_087.025	0.875	0.875	1.0	0.875	0.932	1.0	0.0	0.0	0.0	0.0	0.0
823	BOOR_087.037	0.875	0.875	1.0	0.875	0.932	1.0	0.0	0.0	0.0	0.0	0.0
824	BOOR_087.050	0.875	0.875	1.0	0.875	0.932	1.0	0.0	0.0	0.0	0.0	0.0
825	BOOR_087.062	0.875	0.875	1.0	0.875	0.932	1.0	0.0	0.0	0.0	0.0	0.0
826	BOOR_087.075	0.875	0.875	1.0	0.875	0.932	1.0	0.0	0.0	0.0	0.0	0.0
827	BOOR_087.087	0.875	0.875	1.0	0.875	0.932	1.0	0.0	0.0	0.0	0.0	0.0
828	YOCG_100.025	0.875	0.875	1.0	0.875	0.932	1.0	0.0	0.0	0.0	0.0	0.0
829	YOCG_100.037	0.875	0.875	1.0	0.875	0.932	1.0	0.0	0.0	0.0	0.0	0.0
830	NW_075	0.875	0.875	1.0	0.875	0.932	1.0	0.0	0.0	0.0	0.0	0.0
831	BOOR_075.012	0.875	0.875	1.0	0.875	0.932	1.0	0.0	0.0	0.0	0.0	0.0
832	BOOR_075.025	0.875	0.875	1.0	0.875	0.932	1.0	0.0	0.0	0.0	0.0	0.0
833	BOOR_075.037	0.875	0.875	1.0	0.875	0.932	1.0	0.0	0.0	0.0	0.0	0.0
834	BOOR_075.050	0.875	0.875	1.0	0.875	0.932	1.0	0.0	0.0	0.0	0.0	0.0
835	BOOR_075.062	0.875	0.875	1.0	0.875	0.932	1.0	0.0	0.0	0.0	0.0	0.0
836	BOOR_075.075	0.875	0.875	1.0	0.875	0.932	1.0	0.0	0.0	0.0	0.0	0.0
837	YOCG_100.037	0.875	0.875	1.0	0.875	0.932	1.0	0.0	0.0	0.0	0.0	0.0
838	YOCG_100.050	0.875	0.875	1.0	0.875	0.932	1.0	0.0	0.0	0.0	0.0	0.0
839	YOCG_075.012	0.875	0.875	1.0	0.875	0.932	1.0	0.0	0.0	0.0	0.0	0.0
840	BOOR_062.012	0.875	0.875	1.0	0.875	0.932	1.0	0.0	0.0	0.0	0.0	0.0
841	BOOR_062.025	0.875	0.875	1.0	0.875	0.932	1.0	0.0	0.0	0.0	0.0	0.0
842	BOOR_062.037	0.875	0.875	1.0	0.875	0.932	1.0	0.0	0.0	0.0	0.0	0.0
843	BOOR_062.050	0.875	0.875	1.0	0.875	0.932	1.0	0.0	0.0	0.0	0.0	0.0
844	BOOR_062.062	0.875	0.875	1.0	0.875	0.932	1.0	0.0	0.0	0.0	0.0	0.0
845	YOCG_100.050	0.875	0.875	1.0	0.875	0.932	1.0	0.0	0.0	0.0	0.0	0.0
846	YOCG_087.037	0.875	0.875	1.0	0.875	0.932	1.0	0.0	0.0	0.0	0.0	0.0
847	YOCG_075.025	0.875	0.875	1.0	0.875	0.932	1.0	0.0	0.0	0.0	0.0	0.0
848	YOCG_062.012	0.875	0.875	1.0	0.875	0.932	1.0	0.0	0.0	0.0	0.0	0.0
849	NW_050	0.875	0.875	1.0	0.875	0.932	1.0	0.0	0.0	0.0	0.0	0.0
850	BOOR_050.012	0.875	0.875	1.0	0.875	0.932	1.0	0.0	0.0	0.0	0.0	0.0
851	BOOR_050.025	0.875	0.875	1.0	0.875	0.932	1.0	0.0	0.0	0.0	0.0	0.0
852	BOOR_050.037	0.875	0.875	1.0	0.875	0.932	1.0	0.0	0.0	0.0	0.0	0.0
853	BOOR_050.050	0.875	0.875	1.0	0.875	0.932	1.0	0.0	0.0	0.0	0.0	0.0
854	BOOR_050.062	0.875	0.875	1.0	0.875	0.932	1.0	0.0	0.0	0.0	0.0	0.0
855	YOCG_100.062	0.875	0.875	1.0	0.875	0.932	1.0	0.0	0.0	0.0	0.0	0.0
856	YOCG_087.050	0.875	0.875	1.0	0.875	0.932	1.0	0.0	0.0	0.0	0.0	0.0
857	YOCG_075.037	0.875	0.875	1.0	0.875	0.932	1.0	0.0	0.0	0.0	0.0	0.0
858	YOCG_062.025	0.875	0.875	1.0	0.875	0.932	1.0	0.0	0.0	0.0	0.0	0.0
859	NW_037	0.875	0.875	1.0	0.875	0.932	1.0	0.0	0.0	0.0	0.0	0.0
860	BOOR_037.012	0.875	0.875	1.0	0.875	0.932	1.0	0.0	0.0	0.0	0.0	0.0
861	BOOR_037.025	0.875	0.875	1.0	0.875	0.932	1.0	0.0	0.0	0.0	0.0	0.0
862	BOOR_037.037	0.875	0.875	1.0	0.875	0.932	1.0	0.0	0.0	0.0	0.0	0.0
863	BOOR_037.050	0.875	0.875	1.0	0.875	0.932	1.0	0.0	0.0	0.0	0.0	0.0
864	BOOR_037.062	0.875	0.875	1.0	0.875	0.932	1.0	0.0	0.0	0.0	0.0	0.0
865	YOCG_100.075	0.875	0.875	1.0	0.875	0.932	1.0	0.0	0.0	0.0	0.0	0.0
866	YOCG_087.062	0.875	0.875	1.0	0.875	0.932	1.0	0.0	0.0	0.0	0.0	0.0
867	YOCG_075.050	0.875	0.875	1.0	0.875	0.932	1.0	0.0	0.0	0.0	0.0	0.0
868	YOCG_062.037	0.875	0.875	1.0	0.875	0.932	1.0	0.0	0.0	0.0	0.0	0.0
869	YOCG_050.012	0.875	0.875	1.0	0.875	0.932	1.0	0.0	0.0	0.0	0.0	0.0
870	NW_025	0.875	0.875	1.0	0.875	0.932	1.0	0.0	0.0	0.0	0.0	0.0
871	BOOR_025.012	0.875	0.875	1.0	0.875	0.932	1.0	0.0	0.0	0.0	0.0	0.0
872	BOOR_025.025	0.875	0.875	1.0	0.875	0.932	1.0	0.0	0.0	0.0	0.0	0.0
873	YOCG_100.087	0.875	0.875	1.0	0.875	0.932	1.0	0.0	0.0	0.0	0.0	0.0
874	YOCG_087.075	0.875	0.875	1.0	0.875	0.932	1.0	0.0	0.0	0.0	0.0	0.0
875	YOCG_062.050	0.875	0.875	1.0	0.875	0.932	1.0	0.0	0.0	0.0	0.0	0.0
876	YOCG_050.037	0.875	0.875	1.0	0.875	0.932	1.0	0.0	0.0	0.0	0.0	0.0
877	YOCG_037.025	0.875	0.875	1.0	0.875	0.932	1.0	0.0	0.0	0.0	0.0	0.0
878	YOCG_025.012	0.875	0.875	1.0	0.875	0.932	1.0	0.0	0.0	0.0	0.0	0.0
879	NW_012	0.875	0.875	1.0	0.875	0.932	1.0	0.0	0.0	0.0	0.0	0.0
880	BOOR_012.012	0.875	0.875	1.0	0.875	0.932	1.0	0.0	0.0	0.0	0.0	0.0
881	BOOR_012.025	0.875	0.875	1.0	0.875	0.932	1.0	0.0	0.0	0.0	0.0	0.0
882	YOCG_100.100	0.875	0.875	1.0	0.875	0.932	1.0	0.0	0.0	0.0	0.0	0.0
883	YOCG_087.087	0.875	0.875	1.0	0.875	0.932	1.0	0.0	0.0	0.0	0.0	0.0
884	YOCG_075.075	0.875	0.875	1.0	0.875	0.932	1.0	0.0	0.0	0.0	0.0	0.0
885	YOCG_062.062	0.875	0.875	1.0	0.875	0.932	1.0	0.0	0.0	0.0	0.0	0.0
886	YOCG_050.050	0.875	0.875	1.0	0.875	0.932	1.0	0.0	0.0	0.0	0.0	0.0
887	YOCG_037.037	0.875	0.875	1.0	0.875	0.932	1.0	0.0	0.0	0.0	0.0	0.0
888	YOCG_025.025	0.875	0.875	1.0	0.875	0.932	1.0	0.0	0.0	0.0	0.0	0.0
889	YOCG_012.012	0.875	0.875	1.0	0.875	0.932	1.0	0.0	0.0	0.0	0.0	0.0
890	NW_000	0.875	0.875	1.0	0.875	0.932	1.0	0.0	0.0	0.0	0.0	0.0

4-0132931-F0

grafico TUB-PI88; cerchio delle tinte a 16 passi
colori e la differenza, ΔE*

Input: rgb/cmyk -> rgb
Output: trasferire a cmy0e

delta E** = 12.1

PI8807-7N, 30/33-F



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

delta E* = 9.2

Input: rgb/cmyk -> rgbe
Output: trasferire a cmy0e

iscrizione TUB: 20150701-PI88/PI88L0NP.PDF /.PS

TUB materiale: code=rha4ta

Application per la misura dell'output output nella stampa di offset, separazione cmy0 (CMY0)



http://farbe.li.tu-berlin.de/PI88/PI88L0NP.PDF /.PS; Output di trasferimento
N: nessuna linearizzazione 3D (OL) nel file (F) o PS-startup (S), pagine 33/33



n	HVC*Fe	rgb_*Fe	icT_Fe	h ₅₄ _Fe	rgb*Fe	LabCh*Fe	h ₅₄ _Fe	LabCh*Fe	DF*Fe	h ₅₄ _e	rgb*Me	LabCh*Me
1053	NW_086e	0.866 0.866 0.866	0.866 0.0 0.866	360	0.866 0.866 0.866	86.1 1.2 3.4	3.7	69.9	3.7	360	1.0 1.0 1.0	95.6 0.0 0.0
1054	NW_093e	0.933 0.933 0.933	0.933 0.0 0.933	360	0.933 0.933 0.933	90.8 0.4 1.4	1.5	71.6	1.5	360	1.0 1.0 1.0	95.6 0.0 0.0
1055	NW_100e	1.0 1.0 1.0	1.0 0.0 1.0	360	1.0 1.0 1.0	95.6 0.0 0.1	0.1	114.3	0.1	360	1.0 1.0 1.0	95.6 0.0 0.0
1056	NW_000e	0.0 0.0 0.0	0.0 0.0 0.0	360	0.0 0.0 0.0	23.0 0.7 -0.9	1.1	308.5	1.7	360	1.0 1.0 1.0	95.6 0.0 0.0
1057	NW_006e	0.066 0.066 0.066	0.066 0.0 0.066	360	0.066 0.066 0.066	25.6 5.5 0.6	5.5	6.7	6.5	360	1.0 1.0 1.0	95.6 0.0 0.0
1058	NW_013e	0.133 0.133 0.133	0.133 0.0 0.133	360	0.133 0.133 0.133	28.2 8.3 3.4	9.0	22.4	10.6	360	1.0 1.0 1.0	95.6 0.0 0.0
1059	NW_020e	0.2 0.2 0.2	0.2 0.0 0.2	360	0.2 0.2 0.2	32.0 10.0 5.8	11.6	30.4	13.3	360	1.0 1.0 1.0	95.6 0.0 0.0
1060	NW_026e	0.266 0.266 0.266	0.266 0.0 0.266	360	0.266 0.266 0.266	36.7 8.8 8.7	12.4	44.7	14.0	360	1.0 1.0 1.0	95.6 0.0 0.0
1061	NW_033e	0.333 0.333 0.333	0.333 0.0 0.333	360	0.333 0.333 0.333	40.7 10.4 8.9	13.7	40.4	15.5	360	1.0 1.0 1.0	95.6 0.0 0.0
1062	NW_040e	0.4 0.4 0.4	0.4 0.0 0.4	360	0.4 0.4 0.4	46.8 8.7 10.2	13.3	48.4	14.5	360	1.0 1.0 1.0	95.6 0.0 0.0
1063	NW_046e	0.466 0.466 0.466	0.466 0.0 0.466	360	0.466 0.466 0.466	51.8 9.9 9.2	11.8	51.6	12.7	360	1.0 1.0 1.0	95.6 0.0 0.0
1064	NW_053e	0.533 0.533 0.533	0.533 0.0 0.533	360	0.533 0.533 0.533	57.5 7.3 9.2	11.0	56.7	11.5	360	1.0 1.0 1.0	95.6 0.0 0.0
1065	NW_060e	0.6 0.6 0.6	0.6 0.0 0.6	360	0.6 0.6 0.6	63.6 6.0 8.3	9.8	57.5	8.3	360	1.0 1.0 1.0	95.6 0.0 0.0
1066	NW_066e	0.666 0.666 0.666	0.666 0.0 0.666	360	0.666 0.666 0.666	69.3 5.2 6.5	8.1	53.5	5.9	360	1.0 1.0 1.0	95.6 0.0 0.0
1067	NW_073e	0.734 0.734 0.734	0.734 0.0 0.734	360	0.734 0.734 0.734	74.5 4.8 5.2	5.9	62.0	3.6	360	1.0 1.0 1.0	95.6 0.0 0.0
1068	NW_080e	0.8 0.8 0.8	0.8 0.0 0.8	360	0.8 0.8 0.8	80.5 2.7 3.4	3.6	69.4	3.6	360	1.0 1.0 1.0	95.6 0.0 0.0
1069	NW_086e	0.866 0.866 0.866	0.866 0.0 0.866	360	0.866 0.866 0.866	86.1 1.2 3.4	1.5	71.7	1.5	360	1.0 1.0 1.0	95.6 0.0 0.0
1070	NW_093e	0.933 0.933 0.933	0.933 0.0 0.933	360	0.933 0.933 0.933	90.7 0.4 1.4	0.1	118.4	0.1	360	1.0 1.0 1.0	95.6 0.0 0.0
1071	NW_100e	1.0 1.0 1.0	1.0 0.0 1.0	360	1.0 1.0 1.0	95.7 0.0 0.0	0.0	138.7	2.9	360	1.0 1.0 1.0	95.6 0.0 0.0
1072	ROY_100_100e	1.0 0.0 0.0	1.0 0.0 0.0	360	1.0 0.0 0.0	23.3 1.3 -2.4	2.8	299.2	11.2	375	1.0 0.0 0.254	45.6 72.2 34.4
1073	ROY_100_100e	0.0 1.0 0.0	0.0 1.0 0.0	360	0.0 1.0 0.0	45.6 0.0 45.6	83.9	32.8	18.2	195	0.0 1.0 0.0	53.0 -36.2 -27.2
1074	ROY_100_100e	0.0 0.0 1.0	0.0 0.0 1.0	360	0.0 0.0 1.0	70.5 -25.2 -41.8	48.8	328.9	8.9	63	0.0 0.878 0.0	83.6 -36.2 -27.2
1075	Y06E_100_100e	1.0 1.0 0.0	1.0 1.0 0.0	210	1.0 1.0 0.0	56.4 -45.0 95.1	95.7	36.0	8.5	83	1.0 0.488 0.0	40.2 1.2 46.6
1076	Y06E_100_100e	0.0 1.0 0.0	0.0 1.0 0.0	210	0.0 1.0 0.0	29.8 260.1 46.6	159.9	306.9	34.5	246	0.0 0.0 0.151	50.6 43.1 19.6
1077	B06E_100_100e	0.0 0.0 1.0	0.0 0.0 1.0	120	0.0 0.0 1.0	48.2 -63.4 28.0	71.2	359.8	45.2	288	0.321 0.0 1.0	31.1 47.7 -29.1
1078	B06E_100_100e	0.0 0.0 0.0	0.0 0.0 0.0	120	0.0 0.0 0.0	45.8 79.2 -0.2	79.2	359.8	45.2	288	0.321 0.0 1.0	31.1 47.7 -29.1
1079	B50E_100_100e	1.0 0.0 0.0	1.0 0.0 0.0	330	0.321 0.0 1.0	45.8 79.2 -0.2	79.2	359.8	45.2	288	0.321 0.0 1.0	31.1 47.7 -29.1

PI880-7N, 33/33-F

4-0133231-F0

grafico TUB-PI88; cerchio delle tinte a 16 passi
colori e la differenza, ΔE^*

Input: *rgb/cmyk* -> *rgbe*
Output: trasferire a *cmy0e*

