

Immettere y uscita: Offset Reflective System ORS18a

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

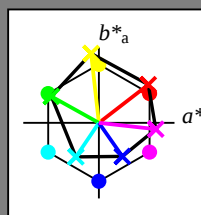
HIC*-

codice di tonalità per i colori
questa pagina:

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

ORS20a; dati atti CIELAB (a)

H*-	L*=L*a a*a	b*a	C*ab,a	h*ab,a
R00Y_100_100_	48.4	66.1	40.2	77.3
R25Y_100_100_	56.8	48.0	50.5	69.6
R50Y_100_100_	68.6	25.0	63.9	68.6
R75Y_100_100_	80.6	4.8	77.2	77.3
Y00G_100_100_	90.2	-9.6	88.2	88.7
Y25G_100_100_	83.2	-18.4	79.9	81.9
Y50G_100_100_	73.3	-31.7	62.7	70.2
Y75G_100_100_	62.0	-49.7	43.2	65.8
G00B_100_100_	55.8	-65.2	33.8	73.4
G25B_100_100_	59.3	-50.3	-9.0	51.0
G50B_100_100_	63.0	-30.5	-42.0	51.9
G75B_100_100_	45.7	-5.7	-44.6	44.9
B00R_100_100_	27.5	25.9	-47.3	53.9
B25R_100_100_	38.3	52.6	-28.5	59.8
B50R_100_100_	49.5	73.5	-9.0	74.0
B75R_100_100_	48.9	69.3	12.9	70.4



%Gamma

u*rel = 92

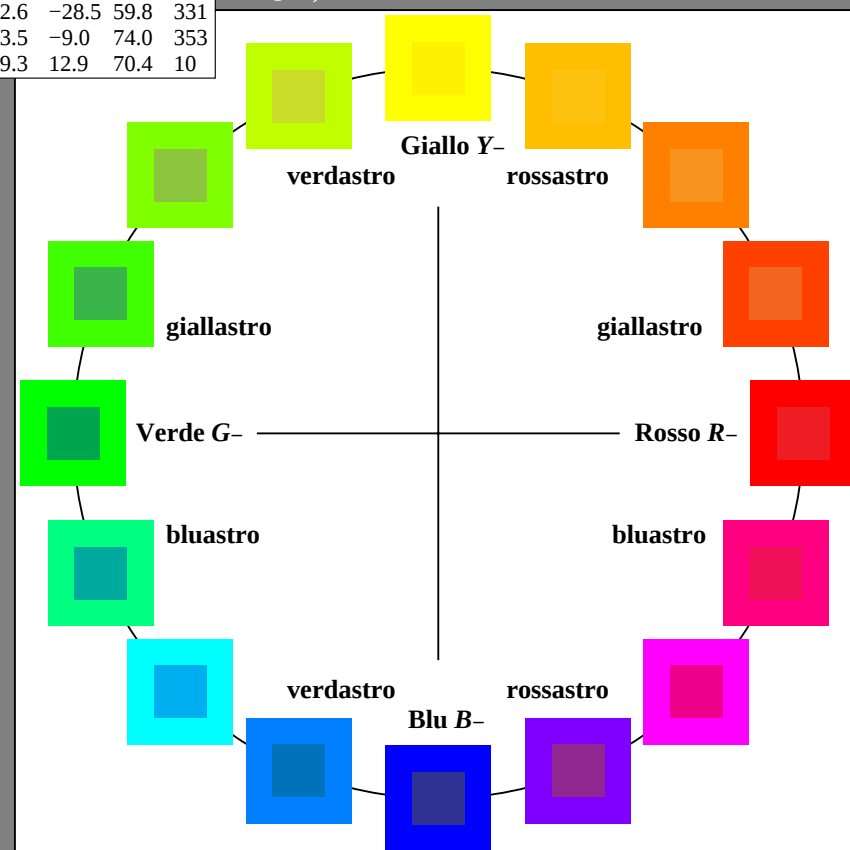
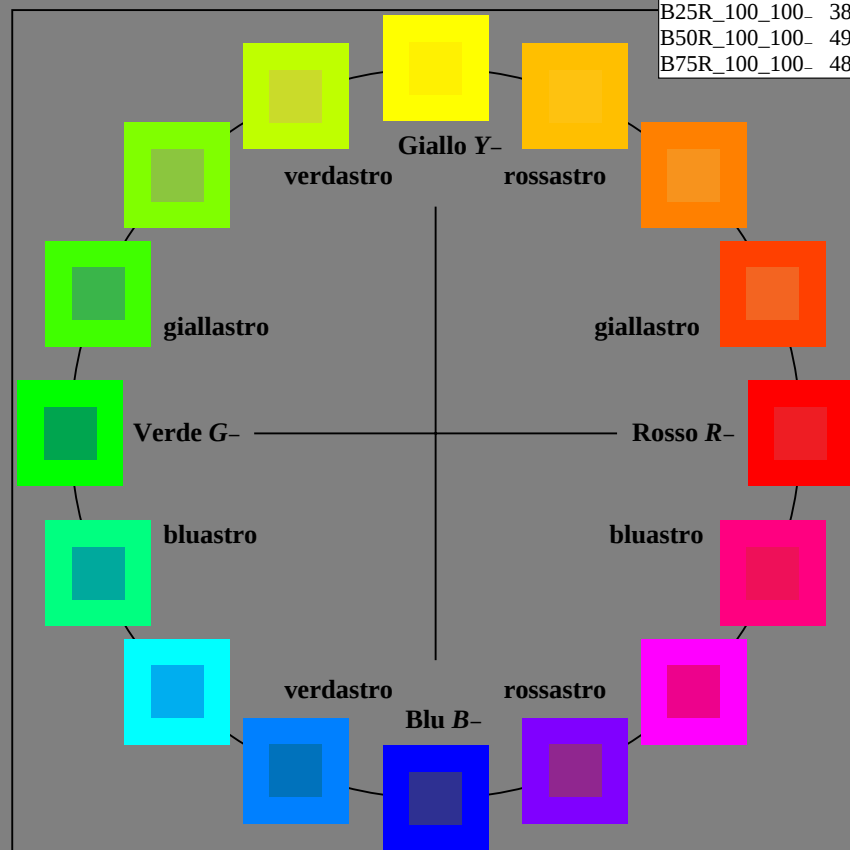
%Regularità

g*H,rel = 57

g*C,rel = 58

ORS18a; dati atti CIELAB (a)

name	L*=L*a a*a	b*a	C*ab,a	h*ab,a
R-,Ma	47.9	65.3	50.5	82.6
Y-,Ma	90.3	-10.2	91.7	92.3
G-,Ma	50.9	-62.8	34.9	71.9
C-,Ma	58.6	-30.3	-45.0	54.2
B-,Ma	25.7	31.0	-44.4	54.2
M-,Ma	48.1	75.2	-8.3	75.7
N-,Ma	18.0	0.0	0.0	0.0
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



4-003031-L0 PI870-7N

grafico TUB-PI87; cerchio delle tinte a 16 passi
grafico conformemente a DIN 33872, 3D=0, de=0, cmy0

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

PI87sol

iscrizione TUB: 20150701-PI87/PI87L0NA.TXT /.PS
Applicazione per la misura dell'output nella stampa di offset

TUB materiale: code=rh4ta

Immettere y uscita: Offset Reflective System ORS18a

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

HIC^*_d

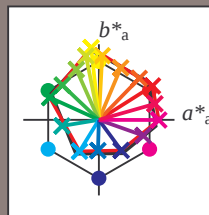
codice di tonalità per i colori

questa pagina:

$H^*_d = R00Y_d, R25Y_d, \dots, B75R_d$

ORS20a; dati atti CIELAB (a)

H^*_d	$L^*=L^*_a a^*_a$	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
R00Y_100_100_d	45.4	70.9	44.8	83.9
R25Y_100_100_d	53.0	53.4	54.8	76.5
R50Y_100_100_d	64.9	28.9	68.6	74.5
R75Y_100_100_d	78.6	4.3	84.7	84.8
Y00G_100_100_d	87.8	-10.2	95.4	96.0
Y25G_100_100_d	81.2	-17.0	84.3	86.0
Y50G_100_100_d	70.6	-29.7	66.5	72.8
Y75G_100_100_d	57.9	-48.3	45.8	66.5
G00B_100_100_d	50.0	-65.0	29.6	71.4
G25B_100_100_d	52.9	-48.6	-8.0	49.3
G50B_100_100_d	56.8	-25.5	-41.5	48.7
G75B_100_100_d	41.7	-1.2	-40.6	40.6
B00R_100_100_d	25.0	29.5	-40.4	50.0
B25R_100_100_d	35.6	58.6	-20.7	62.1
B50R_100_100_d	46.1	79.3	-0.2	79.3
B75R_100_100_d	45.9	74.2	21.1	77.1



%Gamma

$u^*_{rel} = 92$

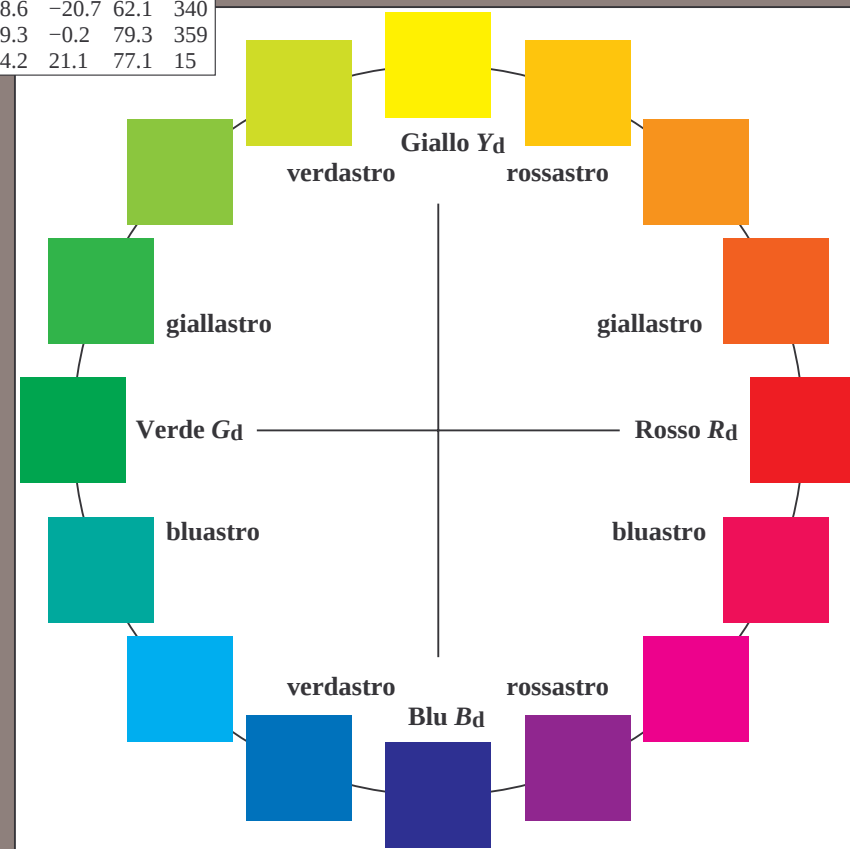
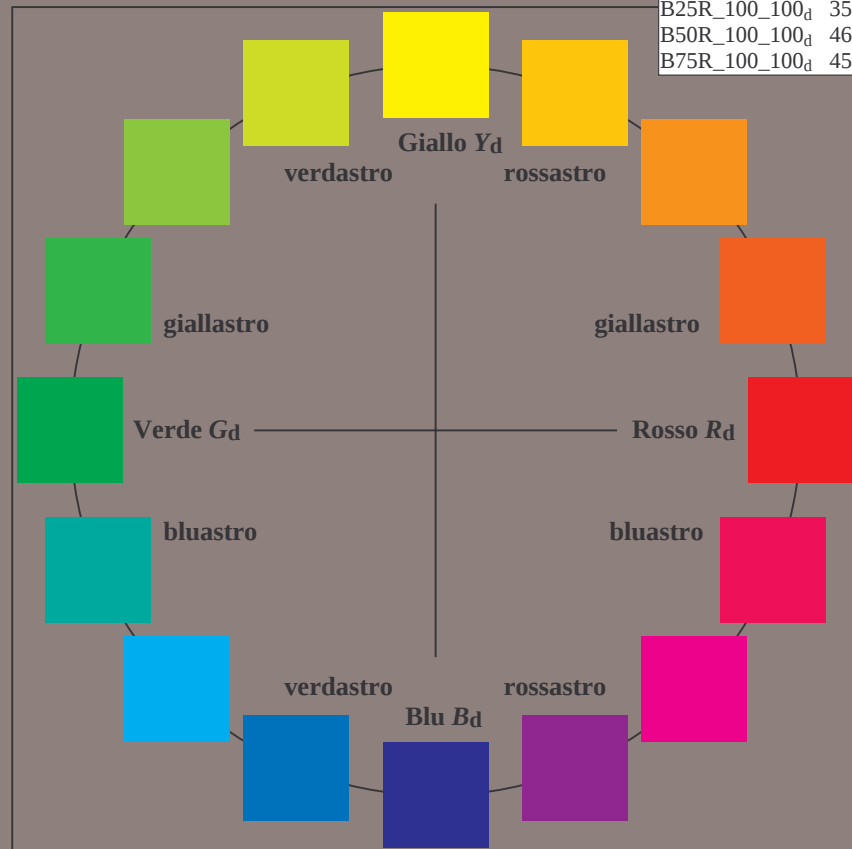
%Regularità

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

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

ORS20a; dati atti CIELAB (a)

name	$L^*=L^*_a a^*_a$	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
R _{d, Ma}	45.4	70.9	44.8	83.9
Y _{d, Ma}	87.8	-10.2	95.4	96.0
G _{d, Ma}	50.0	-65.0	29.6	71.4
C _{d, Ma}	56.8	-25.5	-41.5	48.7
B _{d, Ma}	25.0	29.5	-40.4	50.0
M _{d, Ma}	46.1	79.3	-0.2	79.3
N _{d, Ma}	24.3	0.0	0.0	0.0
W _{d, Ma}	95.6	0.0	0.0	0.0
R _{d, CIE}	39.9	58.7	27.9	65.0
Y _{d, CIE}	81.2	-2.8	71.5	71.6
G _{d, CIE}	52.2	-42.4	13.6	44.5
B _{d, CIE}	30.5	1.4	-46.4	46.4



4-003131-L0 PI870-70

grafico TUB-PI87; cerchio delle tinte a 16 passi
grafico conformemente a DIN 33872, 3D=0, de=0, cmy0

Input: $rgb/cmyk \rightarrow rgb_d$
Output: trasferire a $cmy0_d$

4-003131-F0

Immettere y uscita: Offset Reflective System ORS18a

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

HIC^*_d

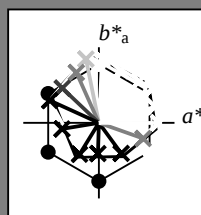
codice di tonalità per i colori

questa pagina:

$H^*_d = R00Y_d, R25Y_d, \dots, B75R_d$

ORS20a; dati atti CIELAB (a)

H^*_d	$L^*=L^*_a a^*_a$	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
R00Y_100_100_d	45.4	70.9	44.8	83.9
R25Y_100_100_d	53.0	53.4	54.8	76.5
R50Y_100_100_d	64.9	28.9	68.6	74.5
R75Y_100_100_d	78.6	4.3	84.7	84.8
Y00G_100_100_d	87.8	-10.2	95.4	96.0
Y25G_100_100_d	81.2	-17.0	84.3	86.0
Y50G_100_100_d	70.6	-29.7	66.5	72.8
Y75G_100_100_d	57.9	-48.3	45.8	66.5
G00B_100_100_d	50.0	-65.0	29.6	71.4
G25B_100_100_d	52.9	-48.6	-8.0	49.3
G50B_100_100_d	56.8	-25.5	-41.5	48.7
G75B_100_100_d	41.7	-1.2	-40.6	40.6
B00R_100_100_d	25.0	29.5	-40.4	50.0
B25R_100_100_d	35.6	58.6	-20.7	62.1
B50R_100_100_d	46.1	79.3	-0.2	79.3
B75R_100_100_d	45.9	74.2	21.1	77.1



%Gamma

$u^*_{rel} = 92$

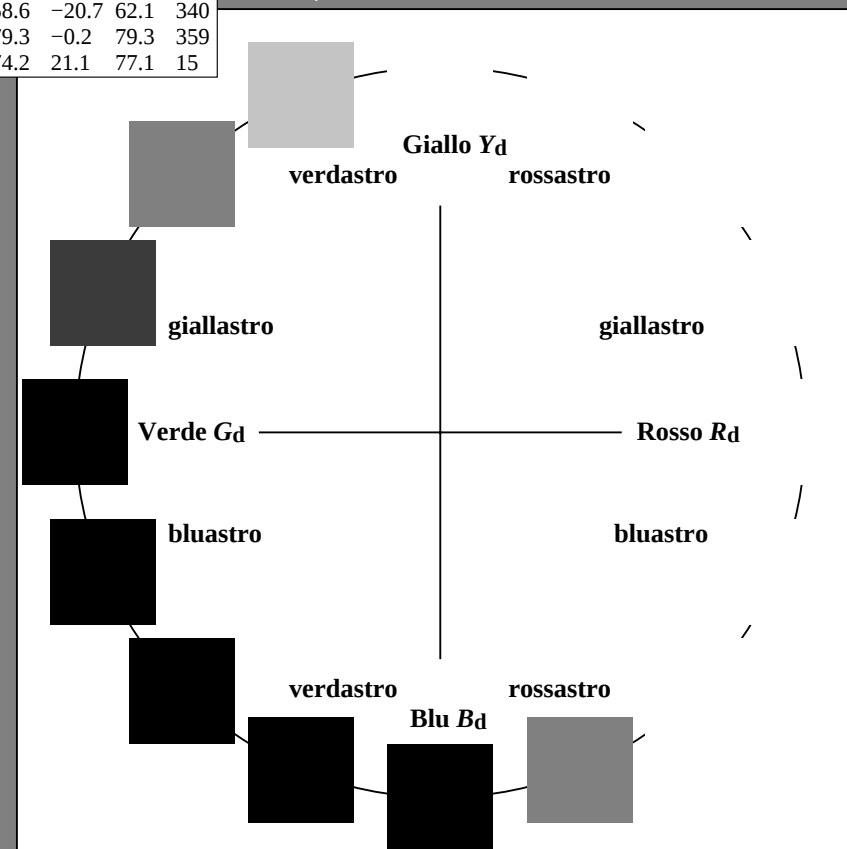
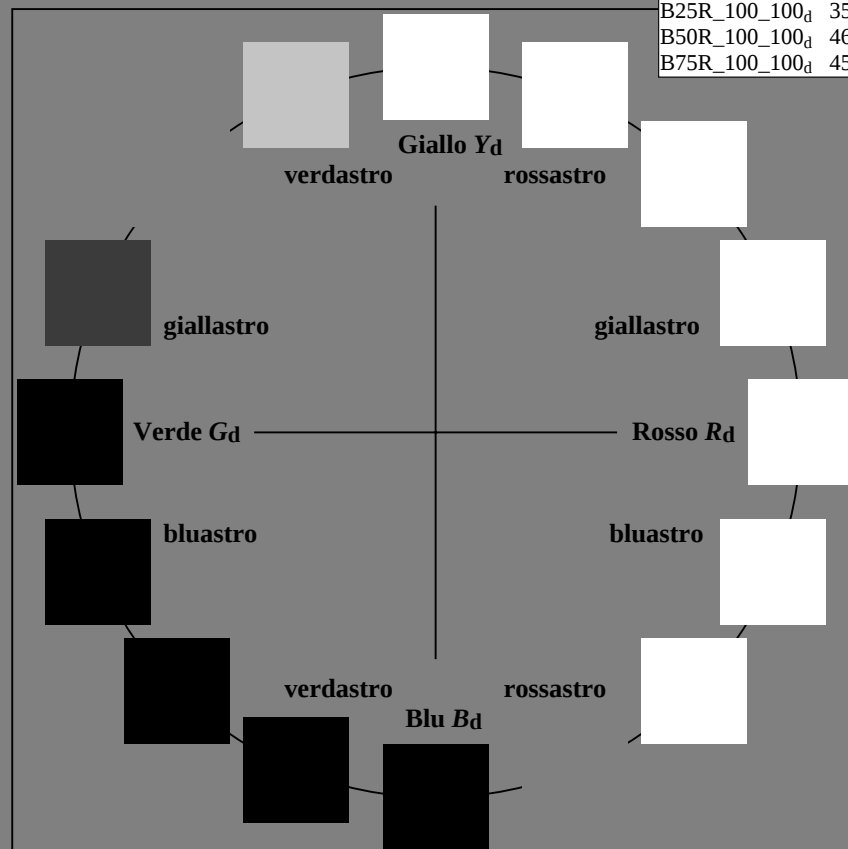
%Regularità

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

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

ORS20a; dati atti CIELAB (a)

name	$L^*=L^*_a a^*_a$	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
R _{d, Ma}	45.4	70.9	44.8	83.9
Y _{d, Ma}	87.8	-10.2	95.4	96.0
G _{d, Ma}	50.0	-65.0	29.6	71.4
C _{d, Ma}	56.8	-25.5	-41.5	48.7
B _{d, Ma}	25.0	29.5	-40.4	50.0
M _{d, Ma}	46.1	79.3	-0.2	79.3
N _{d, Ma}	24.3	0.0	0.0	0.0
W _{d, Ma}	95.6	0.0	0.0	0.0
R _{d, CIE}	39.9	58.7	27.9	65.0
Y _{d, CIE}	81.2	-2.8	71.5	71.6
G _{d, CIE}	52.2	-42.4	13.6	44.5
B _{d, CIE}	30.5	1.4	-46.4	46.4



4-003231-L0 PI870-70

grafico TUB-PI87; cerchio delle tinte a 16 passi
grafico conformemente a DIN 33872, 3D=0, de=0, cmy0

Input: $rgb/cmyk \rightarrow rgb_d$

Output: trasferire a $cmy0_d$

Immettere y uscita: Offset Reflective System ORS18a

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

HIC^*_d

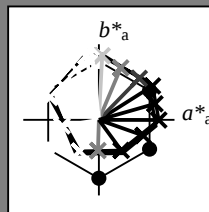
codice di tonalità per i colori

questa pagina:

$H^*_d = R00Y_d, R25Y_d, \dots, B75R_d$

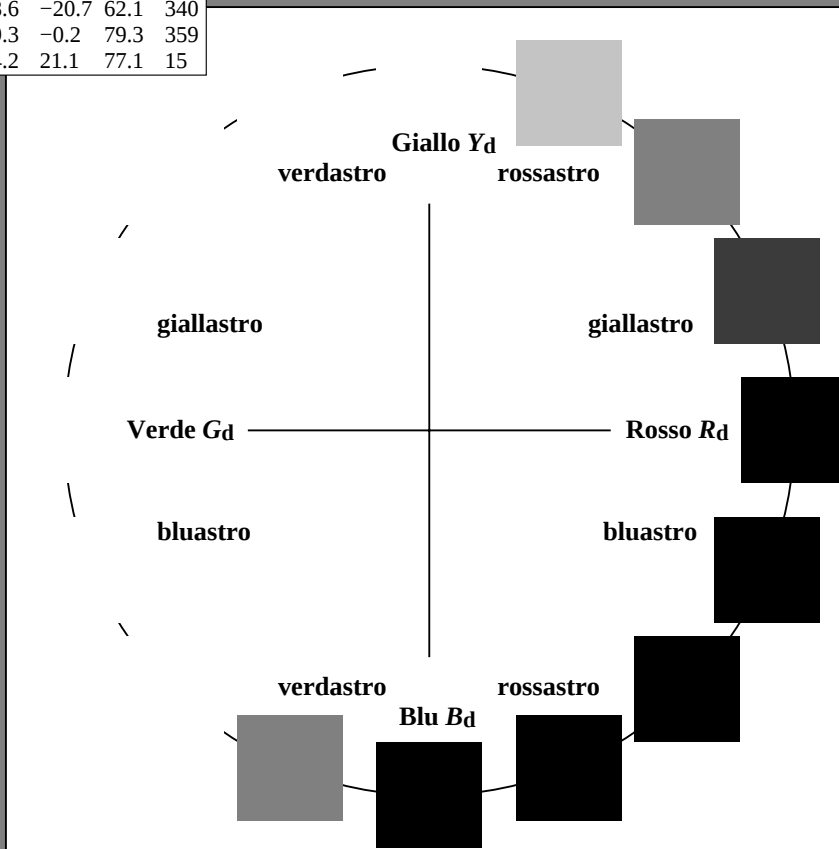
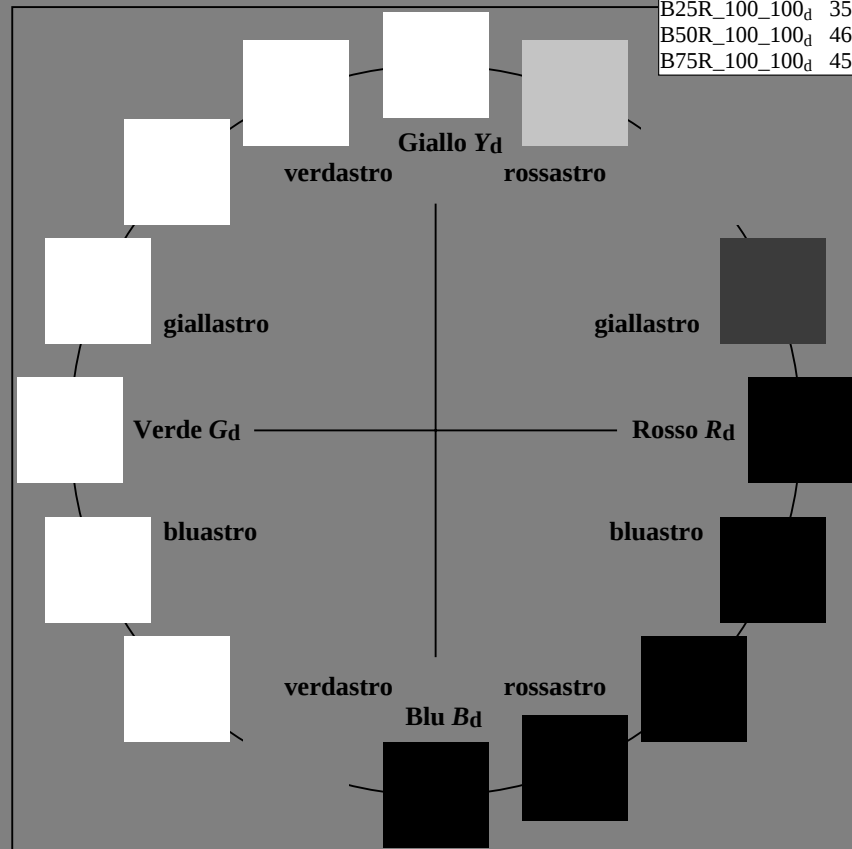
ORS20a; dati atti CIELAB (a)

H^*_d	$L^*=L^*_a a^*_a$	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
R00Y_100_100_d	45.4	70.9	44.8	83.9
R25Y_100_100_d	53.0	53.4	54.8	76.5
R50Y_100_100_d	64.9	28.9	68.6	74.5
R75Y_100_100_d	78.6	4.3	84.7	84.8
Y00G_100_100_d	87.8	-10.2	95.4	96.0
Y25G_100_100_d	81.2	-17.0	84.3	86.0
Y50G_100_100_d	70.6	-29.7	66.5	72.8
Y75G_100_100_d	57.9	-48.3	45.8	66.5
G00B_100_100_d	50.0	-65.0	29.6	71.4
G25B_100_100_d	52.9	-48.6	-8.0	49.3
G50B_100_100_d	56.8	-25.5	-41.5	48.7
G75B_100_100_d	41.7	-1.2	-40.6	40.6
B00R_100_100_d	25.0	29.5	-40.4	50.0
B25R_100_100_d	35.6	58.6	-20.7	62.1
B50R_100_100_d	46.1	79.3	-0.2	79.3
B75R_100_100_d	45.9	74.2	21.1	77.1



ORS20a; dati atti CIELAB (a)

name	$L^*=L^*_a a^*_a$	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
R _{d, Ma}	45.4	70.9	44.8	83.9
Y _{d, Ma}	87.8	-10.2	95.4	96.0
G _{d, Ma}	50.0	-65.0	29.6	71.4
C _{d, Ma}	56.8	-25.5	-41.5	48.7
B _{d, Ma}	25.0	29.5	-40.4	50.0
M _{d, Ma}	46.1	79.3	-0.2	79.3
N _{d, Ma}	24.3	0.0	0.0	0.0
W _{d, Ma}	95.6	0.0	0.0	0.0
R _{d, CIE}	39.9	58.7	27.9	65.0
Y _{d, CIE}	81.2	-2.8	71.5	71.6
G _{d, CIE}	52.2	-42.4	13.6	44.5
B _{d, CIE}	30.5	1.4	-46.4	46.4



4-003331-L0 PI870-70

grafico TUB-PI87; cerchio delle tinte a 16 passi
grafico conformemente a DIN 33872, 3D=0, de=0, cmy0

Input: $rgb/cmyk \rightarrow rgb_d$
Output: trasferire a $cmy0_d$

4-003331-F0

Immettere y uscita: Offset Reflective System ORS18a

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

HIC^*_d

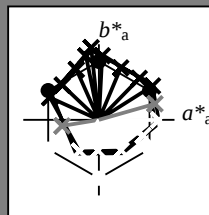
codice di tonalità per i colori

questa pagina:

$H^*_d = R00Y_d, R25Y_d, \dots, B75R_d$

ORS20a; dati atti CIELAB (a)

H^*_d	$L^*=L^*_a a^*_a$	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
R00Y_100_100_d	45.4	70.9	44.8	83.9
R25Y_100_100_d	53.0	53.4	54.8	76.5
R50Y_100_100_d	64.9	28.9	68.6	74.5
R75Y_100_100_d	78.6	4.3	84.7	84.8
Y00G_100_100_d	87.8	-10.2	95.4	96.0
Y25G_100_100_d	81.2	-17.0	84.3	86.0
Y50G_100_100_d	70.6	-29.7	66.5	72.8
Y75G_100_100_d	57.9	-48.3	45.8	66.5
G00B_100_100_d	50.0	-65.0	29.6	71.4
G25B_100_100_d	52.9	-48.6	-8.0	49.3
G50B_100_100_d	56.8	-25.5	-41.5	48.7
G75B_100_100_d	41.7	-1.2	-40.6	40.6
B00R_100_100_d	25.0	29.5	-40.4	50.0
B25R_100_100_d	35.6	58.6	-20.7	62.1
B50R_100_100_d	46.1	79.3	-0.2	79.3
B75R_100_100_d	45.9	74.2	21.1	77.1



% Gamma

$u^*_{rel} = 92$

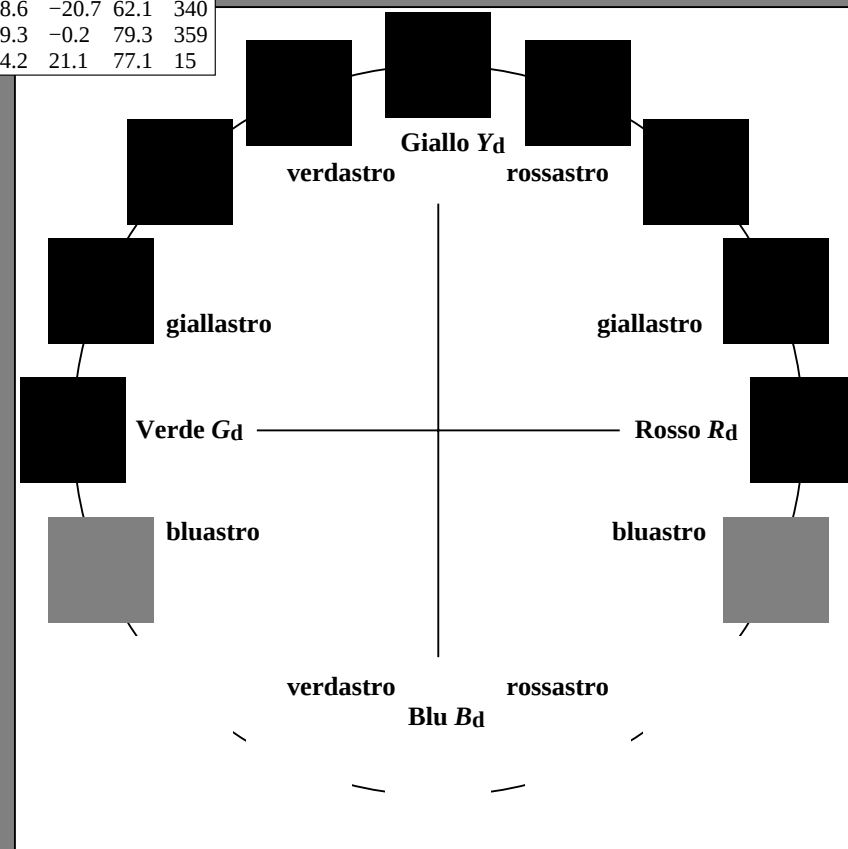
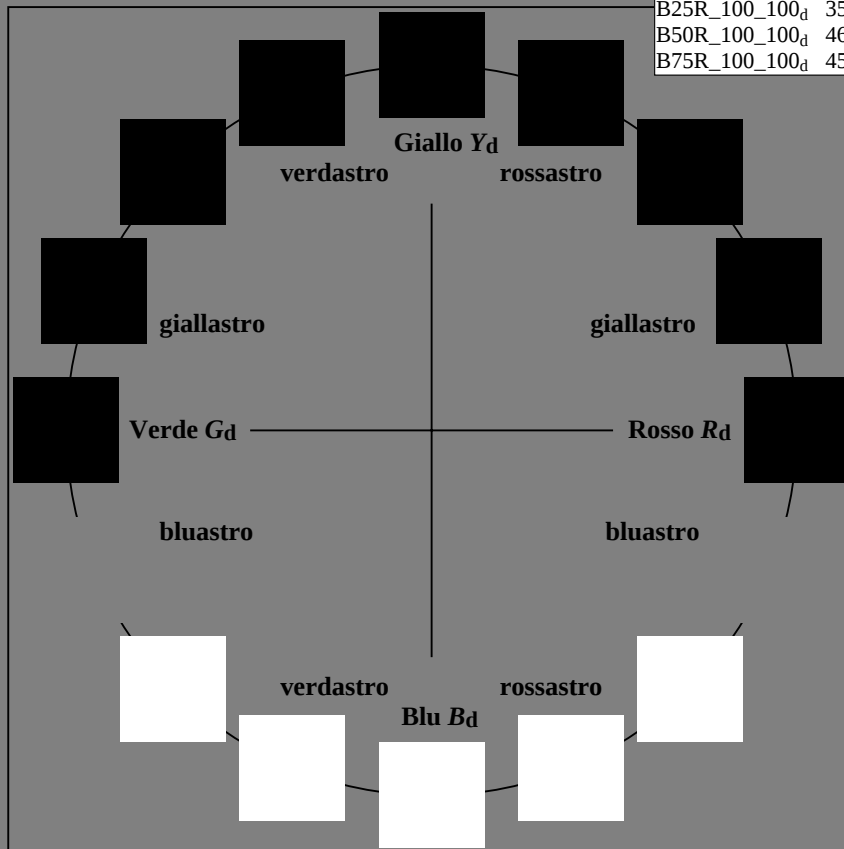
% Regularità

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

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

ORS20a; dati atti CIELAB (a)

name	$L^*=L^*_a a^*_a$	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
R _{d, Ma}	45.4	70.9	44.8	83.9
Y _{d, Ma}	87.8	-10.2	95.4	96.0
G _{d, Ma}	50.0	-65.0	29.6	71.4
C _{d, Ma}	56.8	-25.5	-41.5	48.7
B _{d, Ma}	25.0	29.5	-40.4	50.0
M _{d, Ma}	46.1	79.3	-0.2	79.3
N _{d, Ma}	24.3	0.0	0.0	0.0
W _{d, Ma}	95.6	0.0	0.0	0.0
R _{d, CIE}	39.9	58.7	27.9	65.0
Y _{d, CIE}	81.2	-2.8	71.5	71.6
G _{d, CIE}	52.2	-42.4	13.6	44.5
B _{d, CIE}	30.5	1.4	-46.4	46.4



4-003431-L0 PI870-70

grafico TUB-PI87; cerchio delle tinte a 16 passi
grafico conformemente a DIN 33872, 3D=0, de=0, cmy0

Input: $rgb/cmyk \rightarrow rgb_d$

Output: trasferire a $cmy0_d$

iscrizione TUB: 20150701-PI87/PI87L0NA.TXT /.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/PI87/PI87L0NA.TXT /.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/PI87/PI87.HTM>
informazioni tecniche: <http://www.ps.bam.de> o <http://130.149.60.45/~farbmetrik>

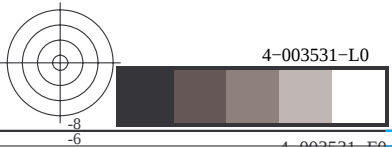


grafico TUB-PI87; cerchio delle tinte a 16 passi
grafico conformemente a DIN 33872, 3D=0, de=0, cmy0

Input: $rgb/cmyk \rightarrow rgb_d$
Output: trasferire a $cmy0_d$



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

$J=Y_d$

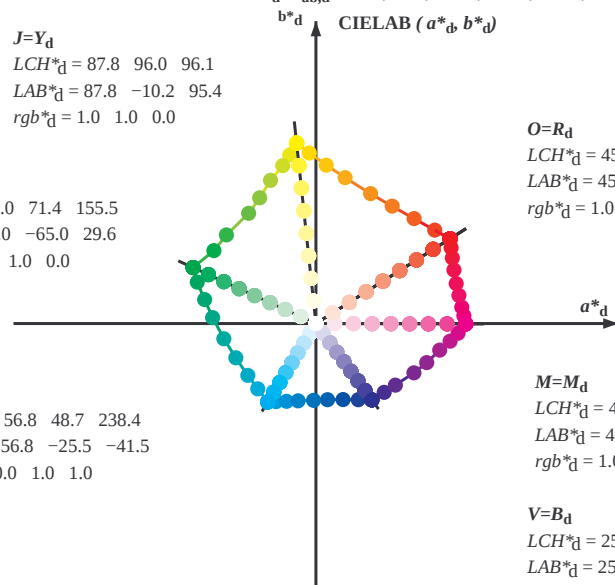
$LCH^*_d = 87.8 \ 96.0 \ 96.1$
 $LAB^*_d = 87.8 \ -10.2 \ 95.4$
 $rgb^*_d = 1.0 \ 1.0 \ 0.0$

$L=G_d$

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

$C=C_d$

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



$O=R_d$

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

$M=M_d$

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

$V=B_d$

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

Y_e

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

G_e

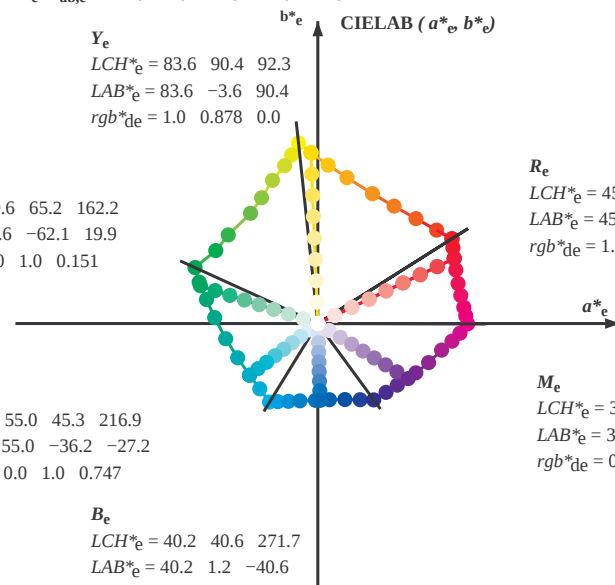
$LCH^*_e = 50.6 \ 65.2 \ 162.2$
 $LAB^*_e = 50.6 \ -62.1 \ 19.9$
 $rgb^*_{de} = 0.0 \ 1.0 \ 0.151$

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

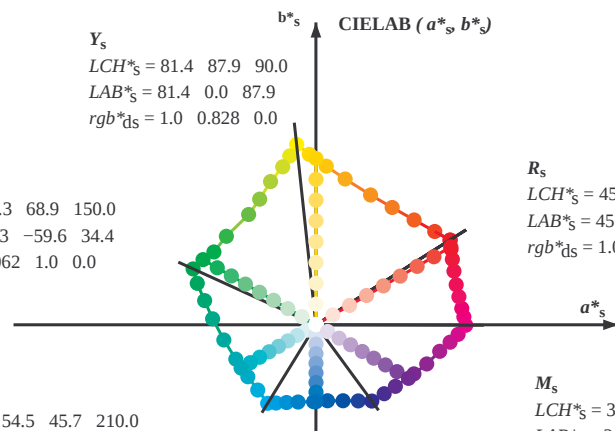
$LCH^*_e = 31.1 \ 55.9 \ 328.6$
 $LAB^*_e = 31.1 \ 47.7 \ -29.1$
 $rgb^*_{de} = 0.321 \ 0.0 \ 1.0$

Y_s

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

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

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

B_s

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

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

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

$h_{ab,s}$

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

(1)

$h_{ab,s}$

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

$h_{ab,s}$

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

(2)

$h_{ab,s}$

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

(3)

$h_{ab,e}$

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

$h_{ab,e}$

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

(4)

$h_{ab,e}$

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

(5)

$h_{ab,e}$

rgb^*_{de}

4-003631-L0

PI870-70

$LAB^*Ia0, YN=0\%, XYZnW=3.6, 4.2, 6.1, 85.4, 89.1, 104.8, LAB^*nw=24.4, 0.0, 0.0, 95.6, 0.0, 0.0$

grafico TUB-PI87; cerchio delle tinte a 16 passi
cerchio delle tinte a 48 passi; $rgb-LabCh^*$ tavole

Input: $rgb/cmyk \rightarrow rgb_d$
Output: trasferire a $cmy0_d$

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

4-003631-F0

C

M

Y

O

L

V

C

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 colour channels (x=LabCh)					Lengths of the elementary colour channels (x=LabCh)					Lengths of the elementary colour channels (x=LabCh)					Lengths of the elementary colour channels (x=LabCh)																			
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}	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
38.1	37.5	33.8	1.0	0.125	0.0	48.9	62.8	49.4	79.9	38.1	1.0	0.1	0.0	48.7	63.4	49.1	80.2	37	1.0	0.021	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
46.8	45.0	42.1	1.0	0.25	0.0	53.6	51.9	55.5	76.0	46.8	1.0	0.2	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
56.9	52.5	50.5	1.0	0.375	0.0	59.1	40.3	62.0	74.0	56.9	1.0	0.3	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
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
78.6	67.5	67.2	1.0	0.625	0.0	72.1	15.4	77.1	78.6	78.6	1.0	0.6	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
86.2	75.0	75.6	1.0	0.75	0.0	77.9	5.4	83.8	84.0	86.2	1.0	0.7	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
92.1	82.5	83.9	1.0	0.875	0.0	83.4	-3.4	90.2	90.2	92.1	1.0	0.8	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
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
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	10
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	10
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	11
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	12
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	13
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	14
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	15
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	16
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	16
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	17
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	18
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	18
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	19
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	20
228.3	202.5	210.1	0.0	1.0	0.875	55.8	-30.7	-34.5	46.2	228.3	0.0	1.0	0.867	55.8	-31.0	-34.0	46.1	227	0.0	1.0	0.614	54.0	-42.9	-17.3	46.4	202	0.0	1.0	0.682	54.5	-39.6	-22.6	45.7	20
238.4	210.0	216.9	0.0	1.0	1.0	56.8	-25.5	-41.5	48.7	238.4	0.0	1.0	1.0	56.8	-25.4	-41.4	48.7	238	0.0	1.0	0.685	54.5	-39.5	-22.8	45.7	210	0.0	1.0	0.747	55.0	-36.1	-27.2	45.3	21
242.9	217.5	223.8	0.0	0.875	1.0	54.1	-21.1	-41.3	46.4	242.9	0.0	0.883	1.0	54.3	-21.4	-41.3	46.6	242	0.0	1.0	0.747	55.0	-36.1	-27.2	45.3	217	0.0	1.0	0.819	55.5	-33.2	-31.3	45.8	22
249.3	225.0	230.6	0.0	0.75	1.0	50.4	-15.5	-41.1	43.9	249.3	0.0	0.75	1.0	50.4	-15.4	-41.0	44.0	249	0.0	1.0	0.837	55.6	-32.4	-32.4	45.9	225	0.0	1.0	0.904	56.1	-29.6	-36.1	46.8	23
256.9	232.5	237.5	0.0	0.625	1.0	46.5	-9.4	-40.8	41.9	256.9	0.0	0.633	1.0	46.8	-9.8	-40.8	42.1	256	0.0	1.0	0.92	56.2	-28.9	-37.0	47.1	232	0.0	1.0	0.983	56.7	-26.2	-40.5	48.4	23
268.2	240.0	244.3	0.0	0.5	1.0	41.7	-1.2	-40.6	40.6	268.2	0.0	0.5	1.0	41.7	-1.1	-40.6	40.7	268	0.0	0.956	1.0	55.9	-23.9	-41.4	48.0	240	0.0	0.847	1.0	53.3	-19.8	-41.3	45.9	24
278.6	247.5	251.2	0.0	0.375	1.0	37.3	6.1	-40.2	40.7	278.6	0.0	0.383	1.0	37.6	5.6	-40.2	40.7	277	0.0	0.795	1.0	51.8	-17.4	-41.2	44.9	247	0.0	0.726	1.0	49.7	-14.3	-41.1	43.6	25
289.6	255.0	258.0	0.0	0.25	1.0	32.8	14.3	-40.2	42.7	289.6	0.0	0.25	1.0	32.9	14.4	-40.1	42.7	289	0.0	0.657	1.0	47.5	-10.9	-40.9	42.5	255	0.0	0.613	1.0	46.1	-8.6	-40.8	41.9	25
299.0	262.5	264.8	0.0	0.125	1.0	28.6	22.4	-40.2	46.1	299.0	0.0	0.133	1.0	28.9	21.9	-40.2	45.9	298	0.0	0.569	1.0	44.4	-5.7	-40.9	41.4	262	0.0	0.542	1.0	43.4	-3.9	-40.8	41.1	26
306.2	270.																																	

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}	$LAB^*_{dd64M} (x=LabCh)$	$rgb^*_{dex361M}$	$LAB^*_{dex361M}$	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	0.0	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	0.0	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	0.0	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	0.0	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	0.0	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	0.0	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	0.0	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	0.0	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	0.0	0.81	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	0.0	0.687	0.0	1.0	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	0.0	0.485	0.0	1.0	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				

4-003831-L0

PI870-70

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-PI87; cerchio delle tinte a 16 passi
cerchio delle tinte a 48 passi; $rgb-LabCh$ *tavole

Input: $rgb/cmyk \rightarrow rgb_d$
Output: trasferire a $cmy0_d$

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

$h_{ab,d}$	$h_{ab,s}$	$h_{ab,e}$	rgb^*_{dd361M}					$LAB^*_{ddx361Mi}(x=LabCh)$					R_d	$rgb^*_{ds361Mi}$					$LAB^*_{dsx361Mi}(x=LabCh)$					R_s	$rgb^*_{dd361Mi}$					$rgb^*_{de361Mi}$					$LAB^*_{dex361Mi}(x=LabCh)$					R_e	$rgb^*_{dd361Mi}$					rgb^*_{dd}	rgb^*_{ds}	rgb^*_{de}
32	30	25	1.0	0.0	0.0	45.4	70.9	44.8	83.9	32	1.0	0.0	0.096	45.5	71.4	41.2	82.4	30	1.0	0.0	0.0	1.0	0.0	0.255	45.7	72.2	34.4	80.0	25	1.0	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	1.0	0.0	0.218	45.6	72.0	36.1	80.6	26	1.0	0.017	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	1.0	0.0	0.18	45.6	71.8	37.7	81.1	27	1.0	0.033	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	1.0	0.0	0.142	45.6	71.6	39.4	81.7	28	1.0	0.05	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	1.0	0.0	0.099	45.5	71.4	41.1	82.4	29	1.0	0.067	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	1.0	0.0	0.053	45.5	71.2	42.9	83.1	31	1.0	0.083	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	1.0	0.0	0.006	45.5	71.0	44.6	83.8	32	1.0	0.1	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	1.0	0.021	0.0	46.0	69.6	45.7	83.3	33	1.0	0.117	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	1.0	0.044	0.0	46.7	68.1	46.6	82.5	34	1.0	0.133	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	1.0	0.068	0.0	47.4	66.6	47.5	81.8	35	1.0	0.15	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	1.0	0.092	0.0	48.0	65.0	48.3	81.0	36	1.0	0.167	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	1.0	0.116	0.0	48.7	63.5	49.1	80.2	37	1.0	0.183	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	1.0	0.135	0.0	49.3	62.0	49.9	79.6	38	1.0	0.2	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	1.0	0.151	0.0	49.9	60.7	50.8	79.1	39	1.0	0.217	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	1.0	0.167	0.0	50.5	59.3	51.7	78.6	41	1.0	0.233	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	1.0	0.183	0.0	51.1	57.9	52.5	78.1	42	1.0	0.25	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	1.0	0.198	0.0	51.7	56.5	53.2	77.6	43	1.0	0.267	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	1.0	0.214	0.0	52.3	55.1	54.0	77.1	44	1.0	0.283	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	1.0	0.23	0.0	52.9	53.7	54.7	76.6	45	1.0	0.3	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	1.0	0.246	0.0	53.5	52.3	55.4	76.1	46	1.0	0.317	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	1.0	0.261	0.0	54.2	51.0	56.2	75.9	47	1.0	0.333	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	1.0	0.274	0.0	54.8	49.8	57.0	75.6	48	1.0	0.35	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	1.0	0.288	0.0	55.4	48.5	57.8	75.4	49	1.0	0.367	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	1.0	0.302	0.0	56.0	47.2	58.5	75.2	51	1.0	0.383	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	1.0	0.316	0.0	56.6	45.9	59.3	75.0	52	1.0	0.4	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	1.0	0.33	0.0	57.2	44.6	60.0	74.8	53	1.0	0.417	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	1.0	0.343	0.0	57.8	43.3	60.6	74.5	54	1.0	0.433	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	1.0	0.357	0.0	58.4	42.0	61.3	74.3	55	1.0	0.45	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	1.0	0.371	0.0	59.0	40.7	61.9	74.1	56	1.0	0.467	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	1.0	0.385	0.0	59.6	39.5	62.7	74.1	57	1.0	0.483	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	1.0	0.398	0.0	60.3	38.3	63.5	74.1	58	1.0	0.5	0.0																
68	61	60	1.0	0.516	0.0	65.8	27.2	69.9	75.0	68	1.0	0.424	0.0	61.4	36.0	64.9	74.2	61	1.0	0.517	0.0	1.0	0.412	0.0	60.9	37.1	64.2	74.2	60	1.0	0.517	0.0																
70	62	61	1.0	0.533	0.0	66.8	25.5	71.1	75.6	70	1.0	0.436	0.0	62.0	34.9	65.6	74.3	62	1.0	0.533	0.0	1.0	0.426	0.0	61.5	35.8	65.0	74.2	61	1.0	0.533	0.0																
71	63	62	1.0	0.55	0.0	67.7	23.8	72.3	76.1	71	1.0	0.449	0.0	62.6	33.7	66.2	74.3	63	1.0	0.55	0.0	1.0	0.439	0.0	62.1	34.6	65.7	74.3	62	1.0	0.55	0.0																
73	64	63	1.0	0.566	0.0	68.7	22.0	73.5	76.7	73	1.0	0.461	0.0	63.1	32.6	66.9	74.4	64	1.0	0.567	0.0	1.0	0.453	0.0	62.8	33.3	66.4	74.3	63	1.0	0.567	0.0																
74	65	64	1.0	0.583	0.0	69.7	20.2	74.6	77.3	74	1.0	0.473	0.0	63.7	31.5	67.5	74.4	65	1.0	0.583	0.0	1.0	0.467	0.0	63.4	32.1	67.1	74.4	64	1.0	0.583	0.0																
76	66	65	1.0	0.6	0.0	70.6	18.3	75.6	77.8	76	1.0	0.486	0.0	64.2	30.3	68.0	74.5	66	1.0	0.6	0.0	1.0	0.48	0.0	64.0	30.8	67.8	74.5	65	1.0	0.6	0.0																
77	67	66	1.0	0.616	0.0	71.6	16.4	76.6	78.4	77	1.0																																					

4-003931-L0

PI870-70

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 10/33

grafico TUB-PI87; cerchio delle tinte a 16 passi
cerchio delle tinte a 48 passi; $rgb-LabCh$ *tavole

Input: $rgb/cmyk \rightarrow rgb_d$
Output: trasferire a $cmy0_d$

4-003931-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 $RYGCBM_e$: $h_{ab,e} = 25.5, 92.3, 162.2, 217.0, 271.7, 328.6$

$h_{ab,d}$	$h_{ab,s}$	$h_{ab,e}$	rgb^*_{dd361M}	LAB^*_{d361M}	$LAB^*_{d361M}(x=LabCh)$	$rgb^*_{ds361Mi}$	$LAB^*_{ds361Mi}(x=LabCh)$	$rgb^*_{dd361Mi}$	$LAB^*_{de361Mi}$	$LAB^*_{dex361Mi}(x=LabCh)$	$rgb^*_{dd361Mi}$	rgb^*_{dd}	rgb^*_{ds}	rgb^*_{de}
86	75	75	1.0 0.75 0.0	77.9 5.4 83.8	84.0 86	1.0 0.585 0.0	69.8 20.0 74.7	77.4 75	1.0 0.75 0.0	1.0 0.592 0.0	70.2 19.3 75.2	77.6 75	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 0.596 0.0	70.5 18.8 75.4	77.7 76	1.0 0.767 0.0	1.0 0.604 0.0	70.9 17.9 75.9	78.0 76	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 0.607 0.0	71.1 17.6 76.1	78.1 77	1.0 0.783 0.0	1.0 0.616 0.0	71.6 16.5 76.6	78.4 77	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 0.618 0.0	71.7 16.3 76.7	78.5 78	1.0 0.8 0.0	1.0 0.63 0.0	72.4 15.1 77.4	78.9 78	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 0.631 0.0	72.4 15.1 77.5	78.9 79	1.0 0.817 0.0	1.0 0.648 0.0	73.2 13.8 78.5	79.7 80	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 0.647 0.0	73.2 13.8 78.4	79.6 80	1.0 0.833 0.0	1.0 0.667 0.0	74.1 12.3 79.5	80.5 81	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 0.664 0.0	73.9 12.6 79.4	80.4 81	1.0 0.85 0.0	1.0 0.685 0.0	74.9 10.9 80.5	81.3 82	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 0.68 0.0	74.7 11.3 80.3	81.1 82	1.0 0.867 0.0	1.0 0.703 0.0	75.8 9.4 81.5	82.0 83	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 0.697 0.0	75.5 10.0 81.2	81.8 83	1.0 0.883 0.0	1.0 0.721 0.0	76.6 7.9 82.4	82.8 84	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 0.713 0.0	76.2 8.6 82.0	82.5 84	1.0 0.9 0.0	1.0 0.74 0.0	77.5 6.4 83.4	83.6 85	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 0.729 0.0	77.0 7.2 82.9	83.2 85	1.0 0.917 0.0	1.0 0.76 0.0	78.4 4.8 84.4	84.6 86	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 0.746 0.0	77.7 5.9 83.7	83.9 86	1.0 0.933 0.0	1.0 0.784 0.0	79.4 3.2 85.7	85.7 87	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 0.766 0.0	78.6 4.4 84.7	84.8 87	1.0 0.95 0.0	1.0 0.807 0.0	80.5 1.6 86.9	86.9 88	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 0.787 0.0	79.6 3.0 85.8	85.9 88	1.0 0.967 0.0	1.0 0.831 0.0	81.5 0.0 88.1	88.1 90	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 0.808 0.0	80.5 1.5 86.9	86.9 89	1.0 0.983 0.0	1.0 0.854 0.0	82.6 -1.8 89.2	89.3 91	1.0 0.983 0.0	
96	90	92	1.0 1.0 0.0	87.8 -10.2 95.4	96.0 96	Y_d 1.0 0.829 0.0	81.4 0.0 88.0	88.0 90	Y_s 1.0 1.0 0.0	1.0 0.879 0.0	83.6 -3.6 90.4	90.5 92	Y_e 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 0.85 0.0	82.4 -1.5 89.0	89.0 91	0.983 1.0 0.0	1.0 0.916 0.0	84.9 -5.5 92.0	92.2 93	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 0.871 0.0	83.3 -3.0 90.0	90.1 92	0.967 1.0 0.0	1.0 0.953 0.0	86.2 -7.5 93.6	93.9 94	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 0.901 0.0	84.4 -4.7 91.4	91.5 93	0.95 1.0 0.0	1.0 0.99 0.0	87.5 -9.6 95.1	95.6 95	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 0.0	85.5 -6.4 92.7	93.0 94	0.933 1.0 0.0	0.961 1.0 0.0	86.7 -11.3 93.6	94.3 96	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 0.965 0.0	86.6 -8.1 94.1	94.4 95	0.917 1.0 0.0	0.907 1.0 0.0	85.3 -12.9 90.9	91.8 98	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 0.997 0.0	87.7 -9.9 95.4	95.9 96	0.9 1.0 0.0	0.856 1.0 0.0	83.8 -14.4 88.4	89.6 99	0.9 1.0 0.0	
98	97	100	0.883 1.0 0.0	84.5 -13.6 89.7	90.7 98	0.959 1.0 0.0	86.7 -11.4 93.5	94.2 97	0.883 1.0 0.0	0.807 1.0 0.0	82.4 -15.8 86.2	87.7 100	0.883 1.0 0.0	
99	98	101	0.866 1.0 0.0	84.1 -14.1 88.9	90.0 99	0.914 1.0 0.0	85.4 -12.7 91.2	92.1 98	0.867 1.0 0.0	0.759 1.0 0.0	81.0 -17.2 84.0	85.7 101	0.867 1.0 0.0	
99	99	102	0.85 1.0 0.0	83.6 -14.6 88.1	89.3 99	0.869 1.0 0.0	84.2 -14.0 89.0	90.1 99	0.85 1.0 0.0	0.729 1.0 0.0	79.9 -18.6 82.3	84.4 102	0.85 1.0 0.0	
99	100	103	0.833 1.0 0.0	83.1 -15.1 87.4	88.7 99	0.827 1.0 0.0	83.0 -15.3 87.1	88.5 100	0.833 1.0 0.0	0.704 1.0 0.0	78.8 -20.0 80.8	83.2 103	0.833 1.0 0.0	
100	101	105	0.816 1.0 0.0	82.6 -15.6 86.6	88.0 100	0.785 1.0 0.0	81.8 -16.5 85.2	86.8 101	0.817 1.0 0.0	0.679 1.0 0.0	77.7 -21.3 79.2	82.0 105	0.817 1.0 0.0	
100	102	106	0.8 1.0 0.0	82.2 -16.1 85.8	87.3 100	0.747 1.0 0.0	80.6 -17.6 83.4	85.2 102	0.8 1.0 0.0	0.654 1.0 0.0	76.6 -22.6 77.6	80.8 106	0.8 1.0 0.0	
101	103	107	0.783 1.0 0.0	81.7 -16.6 85.1	86.7 101	0.725 1.0 0.0	79.7 -18.8 82.0	84.2 103	0.783 1.0 0.0	0.628 1.0 0.0	75.5 -23.8 76.0	79.6 107	0.783 1.0 0.0	
101	104	108	0.766 1.0 0.0	81.2 -17.0 84.3	86.0 101	0.703 1.0 0.0	78.7 -20.0 80.7	83.2 104	0.767 1.0 0.0	0.605 1.0 0.0	74.6 -25.0 74.3	78.4 108	0.767 1.0 0.0	
101	105	109	0.75 1.0 0.0	80.7 -17.5 83.5	85.3 101	0.682 1.0 0.0	77.8 -21.2 79.4	82.2 105	0.75 1.0 0.0	0.583 1.0 0.0	73.7 -26.1 72.7	77.3 109	0.75 1.0 0.0	
102	106	110	0.733 1.0 0.0	80.0 -18.4 82.5	84.6 102	0.66 1.0 0.0	76.8 -22.3 78.0	81.1 106	0.733 1.0 0.0	0.56 1.0 0.0	72.9 -27.1 71.0	76.1 110	0.733 1.0 0.0	
103	107	112	0.716 1.0 0.0	79.3 -19.3 81.5	83.8 103	0.638 1.0 0.0	75.9 -23.3 76.6	80.1 107	0.717 1.0 0.0	0.538 1.0 0.0	72.0 -28.1 69.3	74.9 112	0.717 1.0 0.0	
104	108	113	0.7 1.0 0.0	78.5 -20.2 80.5	83.0 104	0.617 1.0 0.0	75.0 -24.3 75.2	79.1 108	0.7 1.0 0.0	0.515 1.0 0.0	71.2 -29.0 67.7	73.7 113	0.7 1.0 0.0	
104	109	114	0.683 1.0 0.0	77.8 -21.1 79.4	82.2 104	0.598 1.0 0.0	74.3 -25.3 73.8	78.1 109	0.683 1.0 0.0	0.494 1.0 0.0	70.4 -30.0 66.1	72.6 114	0.683 1.0 0.0	
105	110	115	0.666 1.0 0.0	77.1 -22.0 78.4	81.4 105	0.579 1.0 0.0	73.6 -26.2 72.4	77.0 110	0.667 1.0 0.0	0.474 1.0 0.0	69.6 -31.0 64.8	71.9 115	0.667 1.0 0.0	
106	111	116	0.65 1.0 0.0	76.4 -22.8 77.3	80.6 106	0.559 1.0 0.0	72.9 -27.1 71.0	76.0 111	0.65 1.0 0.0	0.454 1.0 0.0	68.8 -32.0 63.5	71.2 116	0.65 1.0 0.0	
107	112	117	0.633 1.0 0.0	75.6 -23.6 76.2	79.8 107	0.54 1.0 0.0	72.1 -28.0 69.5	75.0 112	0.633 1.0 0.0	0.434 1.0 0.0	68.0 -32.9 62.2	70.5 117	0.633 1.0 0.0	
108	113	119	0.616 1.0 0.0	75.0 -24.4 75.1	79.0 108	0.521 1.0 0.0	71.4 -28.8 68.1	74.0 113	0.617 1.0 0.0	0.414 1.0 0.0	67.3 -33.8 60.9	69.7 119	0.617 1.0 0.0	
108	114	120	0.6 1.0 0.0	74.3 -25.3 73.9	78.1 108	0.501 1.0 0.0	70.7 -29.6 66.6	72.9 114	0.6 1.0 0.0	0.394 1.0 0.0	66.5 -34.7 59.6	69.0 120	0.6 1.0 0.0	
109	115	121	0.583 1.0 0.0	73.7 -26.1 72.7	77.2 109	0.484 1.0 0.0	70.0 -30.4 65.5	72.3 115	0.583 1.0 0.0	0.375 1.0 0.0	65.7 -35.5 58.3	68.3 121	0.583 1.0 0.0	
110	116	122	0.566 1.0 0.0	73.1 -26.9 71.4	76.3 110	0.467 1.0 0.0	69.3 -31.3 64.4	71.7 116	0.567 1.0 0.0	0.364 1.0 0.0	65.1 -36.6 57.4	68.2 122	0.567 1.0 0.0	
111	117	123	0.55 1.0 0.0	72.4 -27.6 70.2	75.5 111	0.45 1.0 0.0	68.7 -32.2 63.3	71.0 117	0.55 1.0 0.0	0.354 1.0 0.0	64.5 -37.7 56.6	68.0 123	0.55 1.0 0.0	
112	118	124	0.533 1.0 0.0	71.8 -28.3 69.0	74.6 112	0.433 1.0 0.0	68.0 -33.0 62.2	70.4 118	0.533 1.0 0.0	0.343 1.0 0.0	63.9 -38.8 55.7	67.9 124	0.533 1.0 0.0	
113	119	126	0.516 1.0 0.0	71.2 -29.0 67.7	73.7 113	0.416 1.0 0.0	67.3 -33.7 61.1	69.8 119	0.517 1.0 0.0	0.333 1.0 0.0	63.3 -39.8 54.7	67.8 126	0.517 1.0 0.0	
114	120	127	0.5 1.0 0.0	70.6 -29.7 66.5	72.8 114	0.399 1.0 0.0	66.7 -34.5 59.9	69.2 120	0.5 1.0 0.0	0.322 1.0 0.0	62.6 -40.8 53.8	67.6 127	0.5 1.0 0.0	

4-0031031-L0 PI870-70 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-PI87; cerchio delle tinte a 16 passi
cerchio delle tinte a 48 passi; $rgb-LabCh$ *tavole

Input: $rgb/cmyk \rightarrow rgb_d$
Output: trasferire a $cmy0_d$

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																																
h _{ab,d}	h _{ab,s}	h _{ab,e}	rgb* _{dd361M}	LAB* _{dd361Mi} (x=LabCh)	rgb* _{ds361Mi}	LAB* _{dsx361Mi} (x=LabCh)	rgb* _{dd361Mi}	rgb* _{de361Mi}	LAB* _{dex361Mi} (x=LabCh)	rgb* _{dd361Mi}	rgb* _{de}																					
114	120	127	0.5	1.0	0.0	70.6	-29.7	66.5	72.8	114	0.399	1.0	0.0	66.7	-34.5	59.9	69.2	120	0.5	1.0	0.0	0.322	1.0	0.0	62.6	-40.8	53.8	67.6	127	0.5	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	66.0	-35.2	58.8	68.6	121	0.483	1.0	0.0	0.312	1.0	0.0	62.0	-41.8	52.9	67.5	128	0.483	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	65.4	-36.1	57.9	68.3	122	0.467	1.0	0.0	0.301	1.0	0.0	61.4	-42.8	51.9	67.3	129	0.467	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	64.9	-37.0	57.1	68.1	123	0.45	1.0	0.0	0.291	1.0	0.0	60.8	-43.8	50.9	67.2	130	0.45	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	64.4	-37.9	56.4	68.0	124	0.433	1.0	0.0	0.28	1.0	0.0	60.2	-44.7	49.9	67.0	131	0.433	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	63.8	-38.8	55.6	67.9	125	0.417	1.0	0.0	0.27	1.0	0.0	59.6	-45.6	48.9	66.9	133	0.417	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	63.3	-39.7	54.8	67.8	126	0.4	1.0	0.0	0.259	1.0	0.0	59.0	-46.5	47.8	66.8	134	0.4	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	62.8	-40.6	54.0	67.6	127	0.383	1.0	0.0	0.249	1.0	0.0	58.4	-47.4	46.8	66.6	135	0.383	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	62.3	-41.5	53.2	67.5	128	0.367	1.0	0.0	0.233	1.0	0.0	57.9	-48.3	45.8	66.6	136	0.367	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	61.7	-42.3	52.4	67.4	129	0.35	1.0	0.0	0.217	1.0	0.0	57.4	-49.2	44.7	66.6	137	0.35	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	61.2	-43.1	51.5	67.3	130	0.333	1.0	0.0	0.201	1.0	0.0	57.0	-50.0	43.7	66.5	138	0.333	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	60.7	-44.0	50.7	67.2	131	0.317	1.0	0.0	0.185	1.0	0.0	56.5	-50.9	42.7	66.5	140	0.317	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	60.2	-44.8	49.8	67.0	132	0.3	1.0	0.0	0.169	1.0	0.0	56.0	-51.7	41.6	66.5	141	0.3	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	59.6	-45.5	48.9	66.9	133	0.283	1.0	0.0	0.153	1.0	0.0	55.5	-52.5	40.5	66.4	142	0.283	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	59.1	-46.3	48.0	66.8	134	0.267	1.0	0.0	0.137	1.0	0.0	55.1	-53.3	39.4	66.4	143	0.267	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	58.6	-47.0	47.1	66.7	135	0.25	1.0	0.0	0.122	1.0	0.0	54.6	-54.2	38.4	66.5	144	0.25	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	58.1	-47.8	46.3	66.6	136	0.233	1.0	0.0	0.108	1.0	0.0	54.1	-55.4	37.6	67.0	145	0.233	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	57.7	-48.6	45.4	66.6	137	0.217	1.0	0.0	0.095	1.0	0.0	53.6	-56.6	36.7	67.6	147	0.217	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	57.3	-49.4	44.5	66.6	138	0.2	1.0	0.0	0.082	1.0	0.0	53.1	-57.8	35.8	68.1	148	0.2	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	56.9	-50.1	43.6	66.5	139	0.183	1.0	0.0	0.069	1.0	0.0	52.6	-59.0	34.9	68.6	149	0.183	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	56.5	-50.8	42.7	66.5	140	0.167	1.0	0.0	0.056	1.0	0.0	52.1	-60.1	34.0	69.2	150	0.167	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	56.1	-51.6	41.8	66.5	141	0.15	1.0	0.0	0.043	1.0	0.0	51.7	-61.3	33.0	69.7	151	0.15	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	55.7	-52.3	40.9	66.4	142	0.133	1.0	0.0	0.03	1.0	0.0	51.2	-62.4	32.0	70.2	152	0.133	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	55.3	-52.9	40.0	66.4	143	0.117	1.0	0.0	0.016	1.0	0.0	50.7	-63.5	30.9	70.8	154	0.117	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	54.9	-53.6	39.0	66.4	144	0.1	1.0	0.0	0.003	1.0	0.0	50.2	-64.6	29.9	71.3	155	0.1	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	54.5	-54.5	38.2	66.6	145	0.083	1.0	0.0	0.0	1.0	0.021	50.1	-64.6	28.3	70.6	156	0.083	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	54.1	-55.5	37.5	67.1	146	0.067	1.0	0.0	0.0	1.0	0.049	50.3	-64.2	26.5	69.5	157	0.067	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	53.7	-56.5	36.8	67.5	147	0.05	1.0	0.0	0.0	1.0	0.077	50.4	-63.7	24.8	68.4	158	0.05	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	53.2	-57.6	36.0	68.0	148	0.033	1.0	0.0	0.0	1.0	0.104	50.5	-63.1	23.1	67.3	159	0.033	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	52.8	-58.6	35.3	68.4	149	0.017	1.0	0.0	0.0	1.0	0.13	50.6	-62.6	21.5	66.3	161	0.017	1.0	0.0
155	150	162	0.0	1.0	0.0	50.0	-65.0	29.6	71.4	155	G _d 0.062	1.0	0.0	52.4	-59.6	34.5	68.9	150	G _s 0.0	1.0	0.0	0.0	1.0	0.151	50.7	-62.0	19.9	65.2	162	G _e 0.0	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	52.0	-60.6	33.6	69.4	151	0.0	1.0	0.017	0.0	1.0	0.167	50.8	-61.6	18.7	64.4	163	0.0	1.0	0.017
156	152	164	0.0	1.0	0.033	50.1	-64.5	27.4	70.1	156	0.04	1.0	0.0	51.5	-61.6	32.8	69.8	152	0.0	1.0	0.033	0.0	1.0	0.183	50.9	-61.1	17.5	63.6	164	0.0	1.0	0.033
157	153	164	0.0	1.0	0.05	50.2	-64.2	26.4	69.4	157	0.028	1.0	0.0	51.1	-62.5	31.9	70.3	153	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 $RYGCBM_e$: $h_{ab,e} = 25.5, 92.3, 162.2, 217.0, 271.7, 328.6$

Lengths of the three colours (x=LabCh)										Lengths of the elementary colours (x=LabCh)										Lengths of the elementary colours (x=LabCh)										Lengths of the elementary colours (x=LabCh)																																																																																																																																																																																																																																																																																																																																																																	
h _{ab,d}	h _{ab,s}	h _{ab,e}	rgb* _{dd361Mi}	LAB* _{ddx361Mi}	rgb* _{ds361Mi}	LAB* _{dsx361Mi}	rgb* _{dd361Mi}	LAB* _{dex361Mi}	rgb* _{dd361Mi}	LAB* _{dex361Mi}	rgb* _{dd361Mi}	LAB* _{dex361Mi}	rgb* _{dd361Mi}	LAB* _{dex361Mi}	rgb* _{dd361Mi}	LAB* _{dex361Mi}	rgb* _{dd361Mi}	LAB* _{dex361Mi}	rgb* _{dd361Mi}	LAB* _{dex361Mi}	rgb* _{dd361Mi}	LAB* _{dex361Mi}	rgb* _{dd361Mi}	LAB* _{dex361Mi}	rgb* _{dd361Mi}	LAB* _{dex361Mi}	rgb* _{dd361Mi}	LAB* _{dex361Mi}	rgb* _{dd361Mi}	LAB* _{dex361Mi}	rgb* _{dd361Mi}	LAB* _{dex361Mi}	rgb* _{dd361Mi}	LAB* _{dex361Mi}	rgb* _{dd361Mi}	LAB* _{dex361Mi}	rgb* _{dd361Mi}	LAB* _{dex361Mi}	rgb* _{dd361Mi}	LAB* _{dex361Mi}	rgb* _{dd361Mi}	LAB* _{dex361Mi}	rgb* _{dd361Mi}	LAB* _{dex361Mi}	rgb* _{dd361Mi}	LAB* _{dex361Mi}	rgb* _{dd361Mi}	LAB* _{dex361Mi}	rgb* _{dd361Mi}	LAB* _{dex361Mi}	rgb* _{dd361Mi}	LAB* _{dex361Mi}	rgb* _{dd361Mi}	LAB* _{dex361Mi}	rgb* _{dd361Mi}	LAB* _{dex361Mi}	rgb* _{dd361Mi}	LAB* _{dex361Mi}	rgb* _{dd361Mi}	LAB* _{dex361Mi}	rgb* _{dd361Mi}	LAB* _{dex361Mi}	rgb* _{dd361Mi}	LAB* _{dex361Mi}	rgb* _{dd361Mi}	LAB* _{dex361Mi}	rgb* _{dd361Mi}	LAB* _{dex361Mi}	rgb* _{dd361Mi}	LAB* _{dex361Mi}	rgb* _{dd361Mi}	LAB* _{dex361Mi}	rgb* _{dd361Mi}	LAB* _{dex361Mi}	rgb* _{dd361Mi}	LAB* _{dex361Mi}	rgb* _{dd361Mi}	LAB* _{dex361Mi}	rgb* _{dd361Mi}	LAB* _{dex361Mi}	rgb* _{dd361Mi}	LAB* _{dex361Mi}	rgb* _{dd361Mi}	LAB* _{dex361Mi}	rgb* _{dd361Mi}	LAB* _{dex361Mi}	rgb* _{dd361Mi}	LAB* _{dex361Mi}	rgb* _{dd361Mi}	LAB* _{dex361Mi}	rgb* _{dd361Mi}	LAB* _{dex361Mi}	rgb* _{dd361Mi}	LAB* _{dex361Mi}	rgb* _{dd361Mi}	LAB* _{dex361Mi}	rgb* _{dd361Mi}	LAB* _{dex361Mi}	rgb* _{dd361Mi}	LAB* _{dex361Mi}	rgb* _{dd361Mi}	LAB* _{dex361Mi}	rgb* _{dd361Mi}	LAB* _{dex361Mi}	rgb* _{dd361Mi}	LAB* _{dex361Mi}	rgb* _{dd361Mi}	LAB* _{dex361Mi}	rgb* _{dd361Mi}	LAB* _{dex361Mi}	rgb* _{dd361Mi}	LAB* _{dex361Mi}	rgb* _{dd361Mi}	LAB* _{dex361Mi}	rgb* _{dd361Mi}	LAB* _{dex361Mi}	rgb* _{dd361Mi}	LAB* _{dex361Mi}	rgb* _{dd361Mi}	LAB* _{dex361Mi}	rgb* _{dd361Mi}	LAB* _{dex361Mi}	rgb* _{dd361Mi}	LAB* _{dex361Mi}	rgb* _{dd361Mi}	LAB* _{dex361Mi}	rgb* _{dd361Mi}	LAB* _{dex361Mi}	rgb* _{dd361Mi}	LAB* _{dex361Mi}	rgb* _{dd361Mi}	LAB* _{dex361Mi}	rgb* _{dd361Mi}	LAB* _{dex361Mi}	rgb* _{dd361Mi}	LAB* _{dex361Mi}	rgb* _{dd361Mi}	LAB* _{dex361Mi}	rgb* _{dd361Mi}	LAB* _{dex361Mi}	rgb* _{dd361Mi}	LAB* _{dex361Mi}	rgb* _{dd361Mi}	LAB* _{dex361Mi}	rgb* _{dd361Mi}	LAB* _{dex361Mi}	rgb* _{dd361Mi}	LAB* _{dex361Mi}	rgb* _{dd361Mi}	LAB* _{dex361Mi}	rgb* _{dd361Mi}	LAB* _{dex361Mi}	rgb* _{dd361Mi}	LAB* _{dex361Mi}	rgb* _{dd361Mi}	LAB* _{dex361Mi}	rgb* _{dd361Mi}	LAB* _{dex361Mi}	rgb* _{dd361Mi}	LAB* _{dex361Mi}	rgb* _{dd361Mi}	LAB* _{dex361Mi}	rgb* _{dd361Mi}	LAB* _{dex361Mi}	rgb* _{dd361Mi}	LAB* _{dex361Mi}	rgb* _{dd361Mi}	LAB* _{dex361Mi}	rgb* _{dd361Mi}	LAB* _{dex361Mi}	rgb* _{dd361Mi}	LAB* _{dex361Mi}	rgb* _{dd361Mi}	LAB* _{dex361Mi}	rgb* _{dd361Mi}	LAB* _{dex361Mi}	rgb* _{dd361Mi}	LAB* _{dex361Mi}	rgb* _{dd361Mi}	LAB* _{dex361Mi}	rgb* _{dd361Mi}	LAB* _{dex361Mi}	rgb* _{dd361Mi}	LAB* _{dex361Mi}	rgb* _{dd361Mi}	LAB* _{dex361Mi}	rgb* _{dd361Mi}	LAB* _{dex361Mi}	rgb* _{dd361Mi}	LAB* _{dex361Mi}	rgb* _{dd361Mi}	LAB* _{dex361Mi}	rgb* _{dd361Mi}	LAB* _{dex361Mi}	rgb* _{dd361Mi}	LAB* _{dex361Mi}	rgb* _{dd361Mi}	LAB* _{dex361Mi}	rgb* _{dd361Mi}	LAB* _{dex361Mi}	rgb* _{dd361Mi}	LAB* _{dex361Mi}	rgb* _{dd361Mi}	LAB* _{dex361Mi}	rgb* _{dd361Mi}	LAB* _{dex361Mi}	rgb* _{dd361Mi}	LAB* _{dex361Mi}	rgb* _{dd361Mi}	LAB* _{dex361Mi}	rgb* _{dd361Mi}	LAB* _{dex361Mi}	rgb* _{dd361Mi}	LAB* _{dex361Mi}	rgb* _{dd361Mi}	LAB* _{dex361Mi}	rgb* _{dd361Mi}	LAB* _{dex361Mi}	rgb* _{dd361Mi}	LAB* _{dex361Mi}	rgb* _{dd361Mi}	LAB* _{dex361Mi}	rgb* _{dd361Mi}	LAB* _{dex361Mi}	rgb* _{dd361Mi}	LAB* _{dex361Mi}	rgb* _{dd361Mi}	LAB* _{dex361Mi}	rgb* _{dd361Mi}	LAB* _{dex361Mi}	rgb* _{dd361Mi}	LAB* _{dex361Mi}	rgb* _{dd361Mi}	LAB* _{dex361Mi}	rgb* _{dd361Mi}	LAB* _{dex361Mi}	rgb* _{dd361Mi}	LAB* _{dex361Mi}	rgb* _{dd361Mi}	LAB* _{dex361Mi}	rgb* _{dd361Mi}	LAB* _{dex361Mi}	rgb* _{dd361Mi}	LAB* _{dex361Mi}	rgb* _{dd361Mi}	LAB* _{dex361Mi}	rgb* _{dd361Mi}	LAB* _{dex361Mi}	rgb* _{dd361Mi}	LAB* _{dex361Mi}	rgb* _{dd361Mi}	LAB* _{dex361Mi}	rgb* _{dd361Mi}	LAB* _{dex361Mi}	rgb* _{dd361Mi}	LAB* _{dex361Mi}	rgb* _{dd361Mi}	LAB* _{dex361Mi}	rgb* _{dd361Mi}	LAB* _{dex361Mi}	rgb* _{dd361Mi}	LAB* _{dex361Mi}	rgb* _{dd361Mi}	LAB* _{dex361Mi}	rgb* _{dd361Mi}	LAB* _{dex361Mi}	rgb* _{dd361Mi}	LAB* _{dex361Mi}	rgb* _{dd361Mi}	LAB* _{dex361Mi}	rgb* _{dd361Mi}	LAB* _{dex361Mi}	rgb* _{dd361Mi}	LAB* _{dex361Mi}	rgb* _{dd361Mi}	LAB* _{dex361Mi}	rgb* _{dd361Mi}	LAB* _{dex361Mi}	rgb* _{dd361Mi}	LAB* _{dex361Mi}	rgb* _{dd361Mi}	LAB* _{dex361Mi}	rgb* _{dd361Mi}	LAB* _{dex361Mi}	rgb* _{dd361Mi}	LAB* _{dex361Mi}	rgb* _{dd361Mi}	LAB* _{dex361Mi}	rgb* _{dd361Mi}	LAB* _{dex361Mi}	rgb* _{dd361Mi}	LAB* _{dex361Mi}	rgb* _{dd361Mi}	LAB* _{dex361Mi}	rgb* _{dd361Mi}	LAB* _{dex361Mi}	rgb* _{dd361Mi}	LAB* _{dex361Mi}	rgb* _{dd361Mi}	LAB* _{dex361Mi}	rgb* _{dd361Mi}	LAB* _{dex361Mi}	rgb* _{dd361Mi}	LAB* _{dex361Mi}	rgb* _{dd361Mi}	LAB* _{dex361Mi}	rgb* _{dd361Mi}	LAB* _{dex361Mi}	rgb* _{dd361Mi}	LAB* _{dex361Mi}	rgb* _{dd361Mi}	LAB* _{dex361Mi}	rgb* _{dd361Mi}	LAB* _{dex361Mi}	rgb* _{dd361Mi}	LAB* _{dex361Mi}	rgb* _{dd361Mi}	LAB* _{dex361Mi}	rgb* _{dd361Mi}	LAB* _{dex361Mi}	rgb* _{dd361Mi}	LAB* _{dex361Mi}	rgb* _{dd361Mi}	LAB* _{dex361Mi}	rgb* _{dd361Mi}	LAB* _{dex361Mi}	rgb* _{dd361Mi}	LAB* _{dex361Mi}	rgb* _{dd361Mi}	LAB* _{dex361Mi}	rgb* _{dd361Mi}	LAB* _{dex361Mi}	rgb* _{dd361Mi}	LAB* _{dex361Mi}	rgb* _{dd361Mi}	LAB* _{dex361Mi}	rgb* _{dd361Mi}	LAB* _{dex361Mi}	rgb* _{dd361Mi}	LAB* _{dex361Mi}	rgb* _{dd361Mi}	LAB* _{dex361Mi}	rgb* _{dd361Mi}	LAB* _{dex361Mi}	rgb* _{dd361Mi}	LAB* _{dex361Mi}	rgb* _{dd361Mi}	LAB* _{dex361Mi}	rgb* _{dd361Mi}	LAB* _{dex361Mi}	rgb* _{dd361Mi}	LAB* _{dex361Mi}	rgb* _{dd361Mi}	LAB* _{dex361Mi}	rgb* _{dd361Mi}	LAB* _{dex361Mi}	rgb* _{dd361Mi}	LAB* _{dex361Mi}	rgb* _{dd361Mi}	LAB* _{dex361Mi}	rgb* _{dd361Mi}	LAB* _{dex361Mi}	rgb* _{dd361Mi}	LAB* _{dex361Mi}	rgb* _{dd361Mi}	LAB* _{dex361Mi}	rgb* _{dd361Mi}	LAB* _{dex361Mi}	rgb* _{dd361Mi}	LAB* _{dex361Mi}	rgb* _{dd361Mi}	LAB* _{dex361Mi}	rgb* _{dd361Mi}	LAB* _{dex361Mi}	rgb* _{dd361Mi}	LAB* _{dex361Mi}	rgb* _{dd361Mi}	LAB* _{dex361Mi}	rgb* _{dd361Mi}	LAB* _{dex361Mi}	rgb* _{dd361Mi}	LAB* _{dex361Mi}	rgb*<

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^*_{d361Mi} (x=LabCh)	$rgb^*_{ds361Mi}$	$LAB^*_{ds361Mi}$ (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	0.25 1.0
290	256	258	0.0	0.233 1.0	32.2	15.3	-40.3 43.1	290	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	0.217 1.0
293	258	260	0.0	0.2 1.0	31.1	17.5	-40.4 44.0	293	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	0.183 1.0
295	260	262	0.0	0.166 1.0	30.0	19.6	-40.4 44.9	295	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	0.15 1.0
298	262	264	0.0	0.133 1.0	28.9	21.8	-40.3 45.8	298	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	0.117 1.0
300	264	266	0.0	0.1 1.0	27.9	23.8	-40.4 46.9	300	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	0.083 1.0
302	266	268	0.0	0.066 1.0	26.9	25.7	-40.4 47.9	302	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	0.05 1.0
304	268	269	0.0	0.033 1.0	26.0	27.6	-40.4 49.0	304	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	0.017 1.0
306	270	271	0.0	0.0 1.0	25.0	29.5	-40.4 50.0	306	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	0.017 0.0
308	272	273	0.033 0.0	1.0	25.8	31.3	-39.4 50.4	308	0.0	0.033 0.0
309	273	274	0.05 0.0	1.0	26.2	32.2	-38.9 50.5	309	0.0	0.05 0.0
310	274	275	0.066 0.0	1.0	26.5	33.1	-38.4 50.7	310	0.0	0.067 0.0
311	275	276	0.083 0.0	1.0	26.9	33.9	-37.8 50.8	311	0.0	0.083 0.0
313	276	277	0.1 0.0	1.0	27.3	34.8	-37.3 51.0	313	0.0	0.1 0.0
314	277	278	0.116 0.0	1.0	27.7	35.6	-36.7 51.1	314	0.0	0.117 0.0
315	278	279	0.133 0.0	1.0	27.9	36.4	-36.2 51.3	315	0.0	0.133 0.0
316	279	280	0.15 0.0	1.0	28.1	37.2	-35.7 51.6	316	0.0	0.15 0.0
317	280	281	0.166 0.0	1.0	28.2	38.0	-35.2 51.9	317	0.0	0.167 0.0
318	281	282	0.183 0.0	1.0	28.3	38.8	-34.7 52.1	318	0.0	0.183 0.0
319	282	283	0.2 0.0	1.0	28.5	39.6	-34.2 52.4	319	0.0	0.2 0.0
320	283	284	0.216 0.0	1.0	28.6	40.4	-33.7 52.6	320	0.0	0.217 0.0
321	284	285	0.233 0.0	1.0	28.7	41.2	-33.1 52.9	321	0.0	0.233 0.0
322	285	285	0.25 0.0	1.0	28.8	41.9	-32.5 53.1	322	0.0	0.25 0.0
323	286	286	0.266 0.0	1.0	29.4	43.3	-31.8 53.8	323	0.0	0.267 0.0
325	287	287	0.283 0.0	1.0	29.9	44.7	-31.1 54.4	325	0.0	0.283 0.0
326	288	288	0.3 0.0	1.0	30.4	46.0	-30.3 55.1	326	0.0	0.3 0.0
328	289	289	0.316 0.0	1.0	30.9	47.3	-29.4 55.7	328	0.0	0.317 0.0
329	290	290	0.333 0.0	1.0	31.4	48.6	-28.5 56.4	329	0.0	0.333 0.0
331	291	291	0.35 0.0	1.0	32.0	49.9	-27.5 57.0	331	0.0	0.35 0.0
332	292	292	0.366 0.0	1.0	32.5	51.2	-26.5 57.7	332	0.0	0.367 0.0
333	293	293	0.383 0.0	1.0	32.9	52.3	-25.7 58.3	333	0.0	0.383 0.0
334	294	294	0.4 0.0	1.0	33.3	53.2	-25.0 58.8	334	0.0	0.4 0.0
335	295	295	0.416 0.0	1.0	33.7	54.1	-24.4 59.4	335	0.0	0.417 0.0
336	296	296	0.433 0.0	1.0	34.0	55.0	-23.7 59.9	336	0.0	0.433 0.0
337	297	297	0.45 0.0	1.0	34.4	55.9	-23.0 60.5	337	0.0	0.45 0.0
338	298	298	0.466 0.0	1.0	34.8	56.8	-22.2 61.0	338	0.0	0.467 0.0
339	299	299	0.483 0.0	1.0	35.2	57.7	-21.5 61.6	339	0.0	0.483 0.0
340	300	300	0.5 0.0	1.0	35.6	58.6	-20.7 62.1	340	0.0	0.5 0.0

4-0031431-L0 PI870-70

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-PI87; cerchio delle tinte a 16 passi
cerchio delle tinte a 48 passi; $rgb-LabCh$ *tavole

Input: $rgb/cmyk \rightarrow rgb_d$
Output: trasferire a $cmy0_d$

4-0031431-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 $RYGCBM_e$: $h_{ab,e} = 25.5, 92.3, 162.2, 217.0, 271.7, 328.6$

$h_{ab,d}$	$h_{ab,s}$	$h_{ab,e}$	rgb^*_{dd361M}	$LAB^*_{dsx361Mi} (x=LabCh)$	$rgb^*_{ds361Mi}$	$LAB^*_{dsx361Mi} (x=LabCh)$	$rgb^*_{dd361Mi}$	$LAB^*_{de361Mi}$	$rgb^*_{dex361Mi} (x=LabCh)$	$rgb^*_{dd361Mi}$
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

4-0031531-L0 PI870-70

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

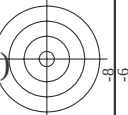
uscita: Offset standard print; separation cmy0*, D65, pagina 16/33

grafico TUB-PI87; cerchio delle tinte a 16 passi
cerchio delle tinte a 48 passi; $rgb-LabCh$ *tavole

Input: $rgb/cmyk \rightarrow rgb_d$
Output: trasferire a $cmy0_d$

iscrizione TUB: 20150701-PI87/PI87L0NA.TXT /.PS
Applicazione per la misura dell'output output nella stampa di offset, separazione cmy0 (CMY0)

TUB materiale: code=rh4ta



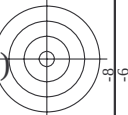
TUB materiale: code=rha4ta

-vedi file simili: <http://farbe.li.tu-berlin.de/PI87/PI87.HTM>

gratico I'UB-P18'; cerchio delle tinte a 16 passi colori e la differenza, ΔE^*

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

[illegible]



TUB materiale: code=rha4ta

-vedi file simili: <http://farbe.li.tu-berlin.de/PI87/PI87.HTM>

Input: *rgb/cmyk* → *rgb*
Output: trasferire a *cmy0a*

grafico TUB-PI87; cerchio delle tinte a 16 passi
colori e la differenza ΔE^* ,

grafico TUB-PI87; cerchio
colori e la differenza ΔE^* ;

PI870-7N, 19/33-F

4-0031831-F0

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http://farbe.li.tu-berlin.de/PI87/PI87LONA.TXT /PS; Output di trasferimento
N: nessuna linearizzazione 3D (OL) nel file (F) o PS-startup (S) pagine 19/33

[illegible]

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

-vedi file simili: <http://farbe.li.tu-berlin.de/PI87/PI87.HTM>

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

grafico TUB-PI87; cerchio delle tinte a 16 passi colori e la differenza ΔE^* ,

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

[illegible]

iscrizione TUB: 20150701-PI87/PI87L0NA.TXT /.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/PI87/PI87L0NA.TXT /.PS; Output di trasferimento
N: nessuna linearizzazione 3D (OL) nel file (F) o PS-startup (S), pagine 32/33

n	H*Ci*Fd	rgb_Fd	ic*_Fd	hs*_Fd	rgb*_Fd	LabCh*_Fd	LabCh*_Fd	DF*_Fd	hs*_Nd	rgb*_Nd	LabCh*_Nd
972	NW_0004	0.0	0.0	0.0	0.0	0.0	0.0	1.9	302.0	1.0	956
973	NW_0124	0.125	0.125	0.125	0.0	0.125	0.125	-1.6	8.9	26.4	1.0
974	NW_0254	0.25	0.25	0.25	0.0	0.25	0.25	8.5	12.6	42.5	1.0
975	NW_0374	0.375	0.375	0.375	0.0	0.375	0.375	8.5	12.6	42.5	1.0
976	NW_0504	0.5	0.5	0.5	0.0	0.5	0.5	10.9	14.8	47.1	1.0
977	NW_0624	0.625	0.625	0.625	0.0	0.625	0.625	10.0	10.6	58.3	1.0
978	NW_0754	0.75	0.75	0.75	0.0	0.75	0.75	6.3	7.5	76.7	1.0
979	NW_0874	0.875	0.875	0.875	0.0	0.875	0.875	3.3	3.6	70.5	1.0
980	NW_1004	1.0	1.0	1.0	0.0	1.0	1.0	0.1	126.7	0.1	1.0
981	NW_0004	0.0	0.0	0.0	0.0	0.0	0.0	-0.6	1.4	332.7	1.0
982	NW_0124	0.125	0.125	0.125	0.0	0.125	0.125	9.3	9.4	27.2	1.0
983	NW_0254	0.25	0.25	0.25	0.0	0.25	0.25	13.3	43.2	10.7	1.0
984	NW_0374	0.375	0.375	0.375	0.0	0.375	0.375	11.0	14.9	47.9	1.0
985	NW_0504	0.5	0.5	0.5	0.0	0.5	0.5	9.1	10.7	58.2	1.0
986	NW_0624	0.625	0.625	0.625	0.0	0.625	0.625	6.1	7.4	56.0	1.0
987	NW_0754	0.75	0.75	0.75	0.0	0.75	0.75	3.4	3.6	70.8	1.0
988	NW_0874	0.875	0.875	0.875	0.0	0.875	0.875	0.0	133.9	0.1	1.0
989	NW_1004	1.0	1.0	1.0	0.0	1.0	1.0	0.0	307.9	1.6	1.0
990	NW_0004	0.0	0.0	0.0	0.0	0.0	0.0	-0.7	9.2	30.9	1.0
991	NW_0124	0.125	0.125	0.125	0.0	0.125	0.125	9.2	13.0	45.2	1.0
992	NW_0254	0.25	0.25	0.25	0.0	0.25	0.25	11.2	15.1	48.2	1.0
993	NW_0374	0.375	0.375	0.375	0.0	0.375	0.375	9.9	13.3	48.3	1.0
994	NW_0504	0.5	0.5	0.5	0.0	0.5	0.5	8.3	10.9	58.0	1.0
995	NW_0624	0.625	0.625	0.625	0.0	0.625	0.625	6.3	7.5	76.7	1.0
996	NW_0754	0.75	0.75	0.75	0.0	0.75	0.75	3.4	3.6	70.5	1.0
997	NW_0874	0.875	0.875	0.875	0.0	0.875	0.875	0.0	133.9	0.1	1.0
998	NW_1004	1.0	1.0	1.0	0.0	1.0	1.0	0.0	307.9	1.6	1.0
999	NW_0004	0.0	0.0	0.0	0.0	0.0	0.0	-0.5	0.0	317.5	1.0
1000	NW_0124	0.125	0.125	0.125	0.0	0.125	0.125	9.1	28.8	10.5	1.0
1001	NW_0254	0.25	0.25	0.25	0.0	0.25	0.25	9.3	13.0	45.5	1.0
1002	NW_0374	0.375	0.375	0.375	0.0	0.375	0.375	10.4	15.2	48.7	1.0
1003	NW_0504	0.5	0.5	0.5	0.0	0.5	0.5	9.5	11.1	59.3	1.0
1004	NW_0624	0.625	0.625	0.625	0.0	0.625	0.625	6.6	7.5	73.9	1.0
1005	NW_0754	0.75	0.75	0.75	0.0	0.75	0.75	3.5	3.7	71.9	1.0
1006	NW_0874	0.875	0.875	0.875	0.0	0.875	0.875	0.0	113.6	0.1	1.0
1007	NW_1004	1.0	1.0	1.0	0.0	1.0	1.0	0.0	306.9	2.7	1.0
1008	NW_0004	0.0	0.0	0.0	0.0	0.0	0.0	2.4	6.6	36.0	1.0
1009	NW_0124	0.125	0.125	0.125	0.0	0.125	0.125	3.0	9.0	19.7	1.0
1010	NW_0254	0.25	0.25	0.25	0.0	0.25	0.25	5.8	11.4	30.8	1.0
1011	NW_0374	0.375	0.375	0.375	0.0	0.375	0.375	8.2	12.3	42.4	1.0
1012	NW_0504	0.5	0.5	0.5	0.0	0.5	0.5	9.8	13.3	47.0	1.0
1013	NW_0624	0.625	0.625	0.625	0.0	0.625	0.625	4.7	14.3	42.7	1.0
1014	NW_0754	0.75	0.75	0.75	0.0	0.75	0.75	10.0	12.3	57.0	1.0
1015	NW_0874	0.875	0.875	0.875	0.0	0.875	0.875	6.4	6.2	53.8	1.0
1016	NW_1004	1.0	1.0	1.0	0.0	1.0	1.0	8.2	9.7	57.1	1.0
1017	NW_0004	0.0	0.0	0.0	0.0	0.0	0.0	5.2	8.4	36.0	1.0
1018	NW_0124	0.125	0.125	0.125	0.0	0.125	0.125	6.9	7.5	73.9	1.0
1019	NW_0254	0.25	0.25	0.25	0.0	0.25	0.25	3.3	3.6	70.5	1.0
1020	NW_0374	0.375	0.375	0.375	0.0	0.375	0.375	1.4	1.5	70.7	1.0
1021	NW_0504	0.5	0.5	0.5	0.0	0.5	0.5	0.1	99.5	0.1	1.0
1022	NW_0624	0.625	0.625	0.625	0.0	0.625	0.625	-1.4	2.1	318.9	1.0
1023	NW_0754	0.75	0.75	0.75	0.0	0.75	0.75	6.1	6.1	6.9	1.0
1024	NW_0874	0.875	0.875	0.875	0.0	0.875	0.875	3.3	9.2	21.0	1.0
1025	NW_1004	1.0	1.0	1.0	0.0	1.0	1.0	11.4	30.5	13.0	1.0
1026	NW_0004	0.0	0.0	0.0	0.0	0.0	0.0	8.4	12.9	40.4	1.0
1027	NW_0124	0.125	0.125	0.125	0.0	0.125	0.125	9.9	13.1	49.1	1.0
1028	NW_0254	0.25	0.25	0.25	0.0	0.25	0.25	11.0	14.9	47.9	1.0
1029	NW_0374	0.375	0.375	0.375	0.0	0.375	0.375	9.1	10.7	58.2	1.0
1030	NW_0504	0.5	0.5	0.5	0.0	0.5	0.5	6.1	7.4	56.0	1.0
1031	NW_0624	0.625	0.625	0.625	0.0	0.625	0.625	3.4	3.6	70.8	1.0
1032	NW_0754	0.75	0.75	0.75	0.0	0.75	0.75	0.0	133.9	0.1	1.0
1033	NW_0874	0.875	0.875	0.875	0.0	0.875	0.875	0.0	307.9	1.6	1.0
1034	NW_1004	1.0	1.0	1.0	0.0	1.0	1.0	0.0	307.9	1.6	1.0
1035	NW_0004	0.0	0.0	0.0	0.0	0.0	0.0	-0.7	9.2	30.9	1.0
1036	NW_0124	0.125	0.125	0.125	0.0	0.125	0.125	9.2	13.0	45.2	1.0
1037	NW_0254	0.25	0.25	0.25	0.0	0.25	0.25	11.2	15.1	48.2	1.0
1038	NW_0374	0.375	0.375	0.375	0.0	0.375	0.375	9.9	13.3	48.3	1.0
1039	NW_0504	0.5	0.5	0.5	0.0	0.5	0.5	8.3	10.9	58.0	1.0
1040	NW_0624	0.625	0.625	0.625	0.0	0.625	0.625	6.3	7.5	76.7	1.0
1041	NW_0754	0.75	0.75	0.75	0.0	0.75	0.75	3.4	3.6	70.5	1.0
1042	NW_0874	0.875	0.875	0.875	0.0	0.875	0.875	0.0	133.9	0.1	1.0
1043	NW_1004	1.0	1.0	1.0	0.0	1.0	1.0	0.0	307.9	1.6	1.0
1044	NW_0004	0.0	0.0	0.0	0.0	0.0	0.0	-0.7	9.2	30.9	1.0
1045	NW_0124	0.125	0.125	0.125	0.0	0.125	0.125	9.2	13.0	45.2	1.0
1046	NW_0254	0.25	0.25	0.25	0.0	0.25	0.25	11.2	15.1	48.2	1.0
1047	NW_0374	0.375	0.375	0.375	0.0	0.375	0.375	9.9	13.3	48.3	1.0
1048	NW_0504	0.5	0.5	0.5	0.0	0.5	0.5	8.3	10.9	58.0	1.0
1049	NW_0624	0.625	0.625	0.625	0.0	0.625	0.625	6.3	7.5	76.7	1.0
1050	NW_0754	0.75	0.75	0.75	0.0	0.75	0.75	3.4	3.6	70.5	1.0
1051	NW_0874	0.875	0.875	0.875	0.0	0.875	0.875	0.0	133.9	0.1	1.0
1052	NW_1004	1.0	1.0	1.0	0.0	1.0	1.0	0.0	307.9	1.6	1.0

delta E* = 9.2

grafico TUB-PI87; cerchio delle tinte a 16 passi
colori e la differenza, ΔE^*

Input: rgb/cmyk -> rgba
Output: trasferire a cmy0d

4-0033131-F0

PI870-7N, 32/33-F

iscrizione TUB: 20150701-PI87/PI87L0NA.TXT /.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/PI87/PI87L0NA.TXT /.PS>; Output di trasferimento
N: nessuna linearizzazione 3D (OL) nel file (F) o PS-startup (S), pagine 33/33

vedi file simili: <http://farbe.li.tu-berlin.de/PI87/PI87.HTM>

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

Input: *rgb/cmyk* -> *rgb*
Output: trasferire a *cmy0d*

grafico TUB-PI87; cerchio delle tinte a 16 passi
colori e la differenza, ΔE^*

PI870-7N, 33/33-F

4-0033231-F0

4-0033231-F0

n	HIC*Fid	rgb_Fid	icT_Fid	h ₅₄ _Fid	rgb*Fid	LabCh*Fid	LabCh*Fid	DF*Fid	h ₅₄ _d	rgb*Fid	LabCh*Fid	LabCh*Fid					
1053	NW_095d	0.866	0.866	360	0.866	0.866	86.1	3.7	69.9	3.7	360	1.0	95.6	0.0	0.0		
1054	NW_093d	0.933	0.933	360	0.933	0.933	96.8	1.4	71.6	1.5	360	1.0	95.6	0.0	0.0		
1055	NW_090d	1.0	1.0	360	1.0	1.0	95.8	1.1	118.3	1.1	360	1.0	95.6	0.0	0.0		
1056	NW_000d	0.0	0.0	360	0.0	0.0	23.6	-0.9	308.5	1.7	360	1.0	95.6	0.0	0.0		
1057	NW_006d	0.066	0.066	360	0.066	0.066	25.6	0.6	6.7	6.5	360	1.0	95.6	0.0	0.0		
1058	NW_013d	0.133	0.133	360	0.133	0.133	28.2	3.4	9.0	22.4	10.6	360	1.0	95.6	0.0	0.0	
1059	NW_020d	0.2	0.2	360	0.2	0.2	32.0	5.8	11.6	30.4	13.3	360	1.0	95.6	0.0	0.0	
1060	NW_026d	0.266	0.266	360	0.266	0.266	36.7	8.7	12.4	44.7	14.0	360	1.0	95.6	0.0	0.0	
1061	NW_033d	0.333	0.333	360	0.333	0.333	40.7	10.4	13.7	40.4	15.5	360	1.0	95.6	0.0	0.0	
1062	NW_040d	0.4	0.4	360	0.4	0.4	46.8	10.2	13.4	49.7	14.7	360	1.0	95.6	0.0	0.0	
1063	NW_046d	0.466	0.466	360	0.466	0.466	51.8	9.9	13.3	48.4	14.5	360	1.0	95.6	0.0	0.0	
1064	NW_053d	0.533	0.533	360	0.533	0.533	57.5	9.2	11.8	51.6	12.7	360	1.0	95.6	0.0	0.0	
1065	NW_060d	0.6	0.6	360	0.6	0.6	63.6	6.0	9.2	11.0	56.7	11.5	360	1.0	95.6	0.0	0.0
1066	NW_066d	0.666	0.666	360	0.666	0.666	69.3	5.2	8.3	9.8	57.5	10.1	360	1.0	95.6	0.0	0.0
1067	NW_073d	0.734	0.734	360	0.734	0.734	74.5	4.8	6.5	8.1	53.5	8.3	360	1.0	95.6	0.0	0.0
1068	NW_080d	0.8	0.8	360	0.8	0.8	80.5	2.7	5.2	5.9	62.0	5.9	360	1.0	95.6	0.0	0.0
1069	NW_086d	0.866	0.866	360	0.866	0.866	86.1	1.2	3.4	3.6	69.4	3.6	360	1.0	95.6	0.0	0.0
1070	NW_093d	0.933	0.933	360	0.933	0.933	90.7	0.4	1.4	1.5	71.7	1.5	360	1.0	95.6	0.0	0.0
1071	NW_100d	1.0	1.0	360	1.0	1.0	95.7	0.0	0.1	118.4	0.1	360	1.0	95.6	0.0	0.0	
1072	NW_000d	0.0	0.0	360	0.0	0.0	23.3	1.3	2.8	299.2	2.9	360	1.0	95.6	0.0	0.0	
1073	NW_006d	0.066	0.066	360	0.066	0.066	25.6	0.0	0.0	138.7	0.7	360	1.0	95.6	0.0	0.0	
1074	ROY_100_100d	1.0	1.0	390	1.0	1.0	95.7	0.0	0.0	328.9	0.5	210	0.0	45.4	70.9	32.3	
1075	G50B_100_100d	0.0	1.0	1.0	0.5	210	45.4	70.5	48.8	238.9	0.5	210	0.0	1.0	56.8	-25.5	
1076	Y06B_100_100d	1.0	1.0	90	1.0	1.0	56.4	-25.2	-41.8	95.7	96.0	0.4	89	1.0	87.8	-10.2	
1077	B00R_100_100d	0.0	1.0	270	0.0	1.0	87.5	-10.0	95.4	96.0	96.6	0.5	270	0.0	25.0	96.1	
1078	B06B_100_100d	0.0	1.0	360	0.0	1.0	24.7	29.8	49.9	49.9	49.9	0.5	270	0.0	30.6	40.4	
1079	B50B_100_100d	1.0	1.0	330	1.0	1.0	45.2	-63.4	71.2	359.8	0.5	210	0.0	50.0	63.0	353.5	
							79.2	-0.2	79.2	-0.2	359.8	0.5	210	1.0	46.1	79.3	-0.2