

Immettere y uscita: Offset Reflective System ORS18a

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

HIC^*

codice di tonalità per i colori
questa pagina:

$H^*_\text{--} = R00Y_\text{--}, R25Y_\text{--}, \dots, B75R_\text{--}$

ORS20a; dati atti CIELAB (a)

$H^*_\text{--}$	$L^*=L^*_a a^*_a$	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

$u^*_{\text{rel}} = 92$

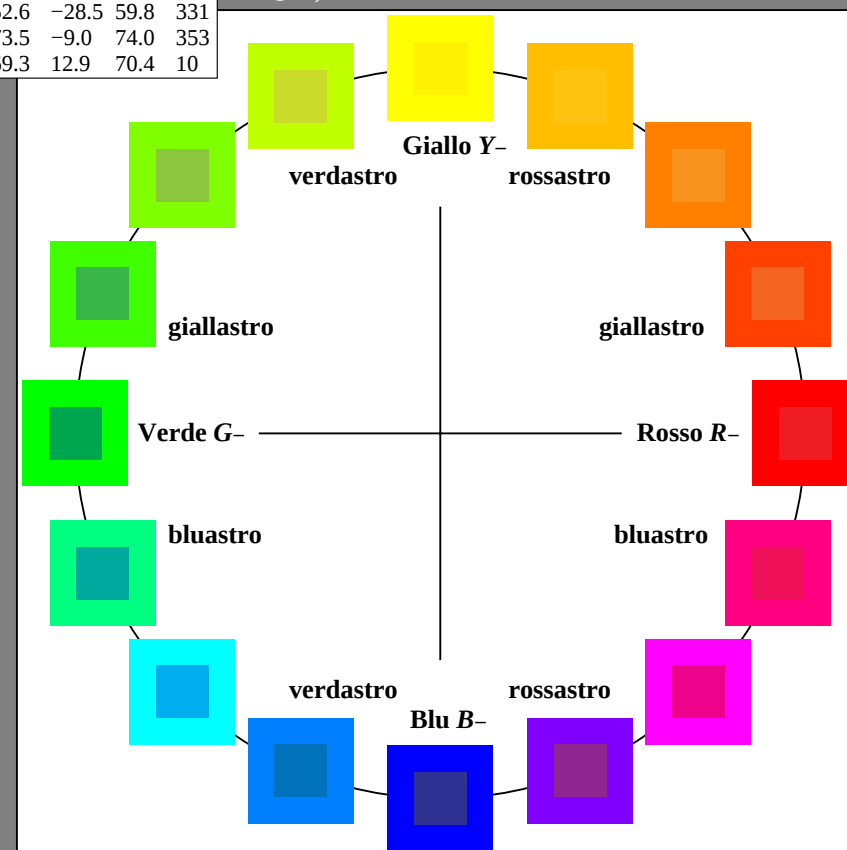
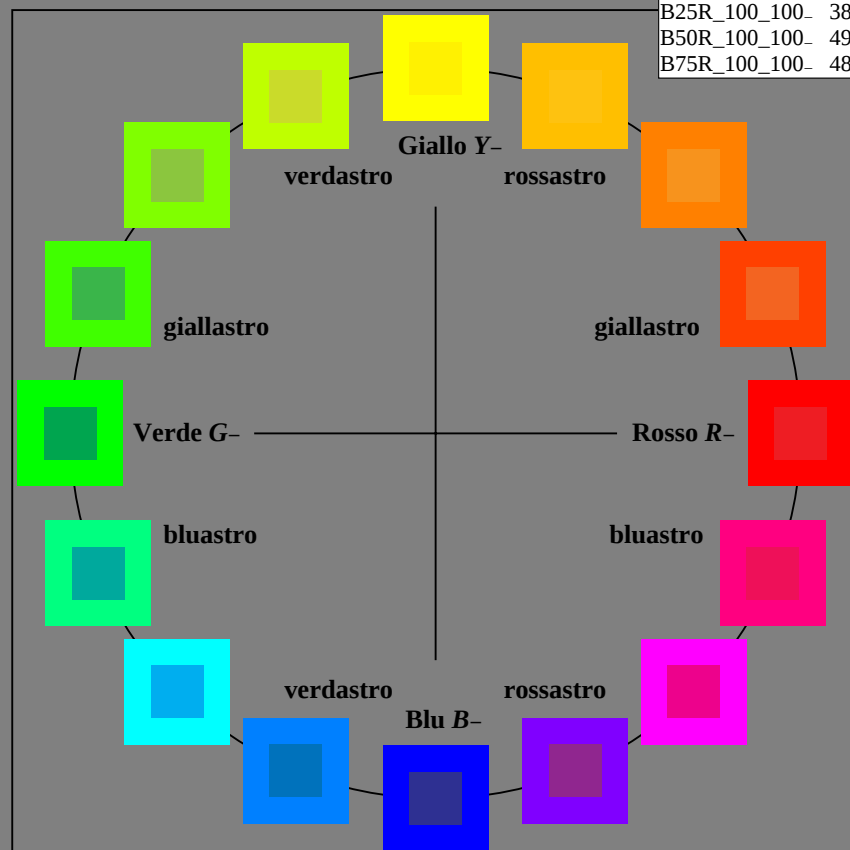
%Regularità

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

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

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



4-113031-L0 PI880-7N

grafico TUB-PI88; cerchio delle tinte a 16 passi
grafico conformemente a DIN 33872, 3D=1, de=1, $cm\gamma 0^*$

Input: $rgb/cmyk \rightarrow rgb/cmyk$
Output: nessun cambiamento

Immettere y uscita: Offset Reflective System ORS18a

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

HIC^*_e

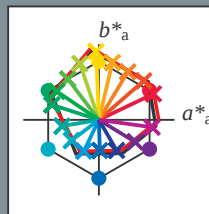
codice di tonalità per i colori

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

$u^*_{rel} = 92$

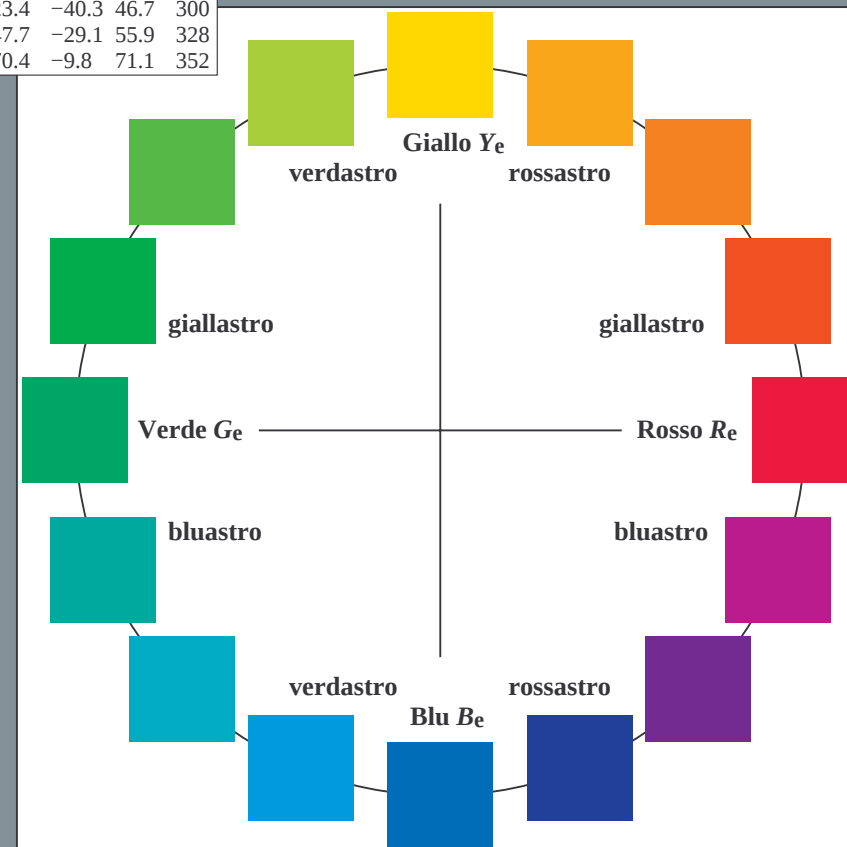
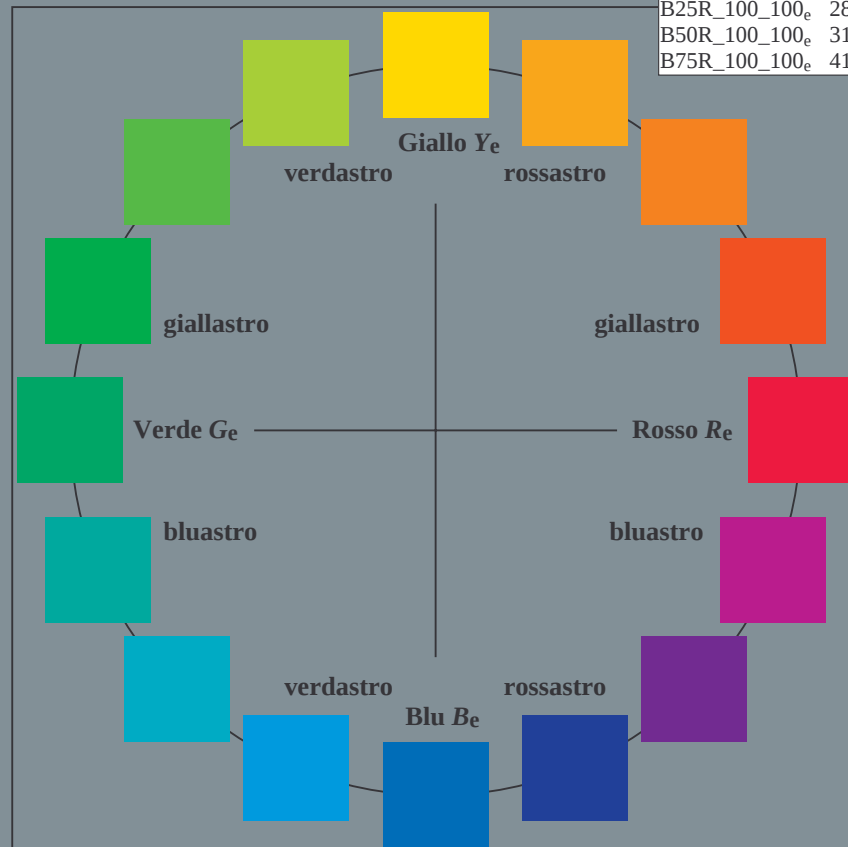
%Regularità

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

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

ORS20a; dati atti CIELAB (a)

name	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
Re,Ma	45.6	72.2	34.4	80.0	25
Ye,Ma	83.6	-3.6	90.4	90.4	92
Ge,Ma	50.6	-62.1	19.9	65.2	162
Ce,Ma	55.0	-36.2	-27.2	45.3	216
Be,Ma	40.2	1.2	-40.6	40.6	271
Me,Ma	31.1	47.7	-29.1	55.9	328
Ne,Ma	24.3	0.0	0.0	0.0	0
We,Ma	95.6	0.0	0.0	0.0	0
Re,CIE	39.9	58.7	27.9	65.0	25
Ye,CIE	81.2	-2.8	71.5	71.6	92
Ge,CIE	52.2	-42.4	13.6	44.5	162
Be,CIE	30.5	1.4	-46.4	46.4	271



4-113131-L0 PI880-73

grafico TUB-PI88; cerchio delle tinte a 16 passi
grafico conformemente a DIN 33872, 3D=1, de=1, $cmY0^*$

Input: $rgb/cmyk \rightarrow rgb_{de}$

Output: 3D-linearizzazione a $cmY0^*_{de}$

Immettere y uscita: Offset Reflective System ORS18a

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

HIC^*_e

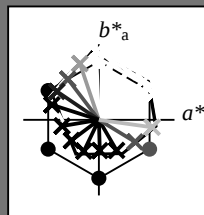
codice di tonalità per i colori

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

$u^*_{rel} = 92$

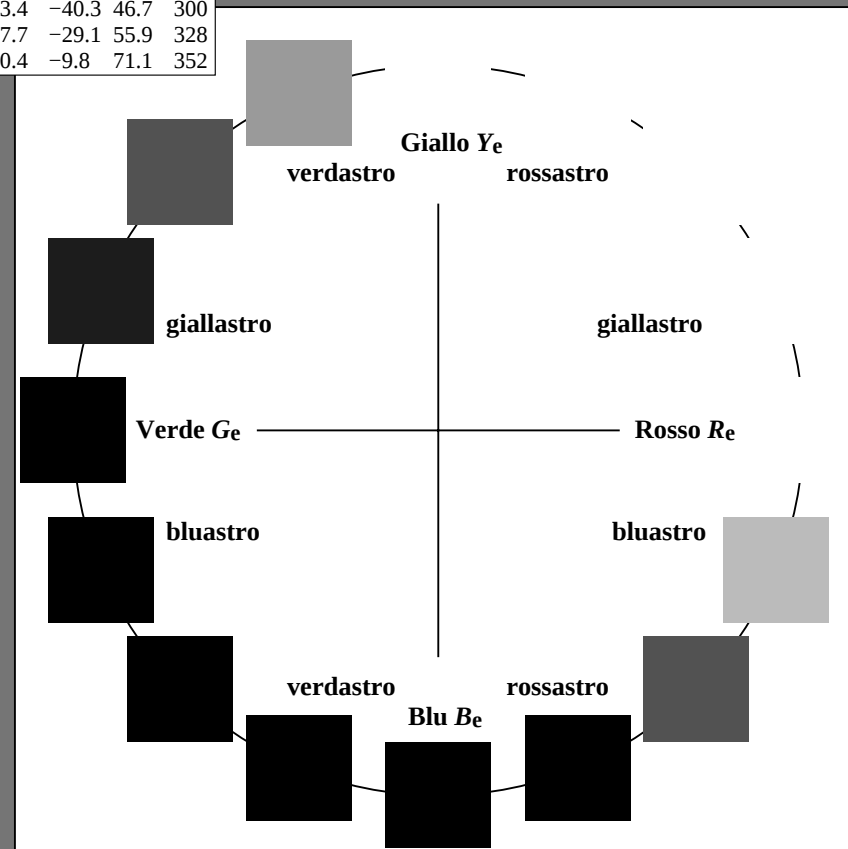
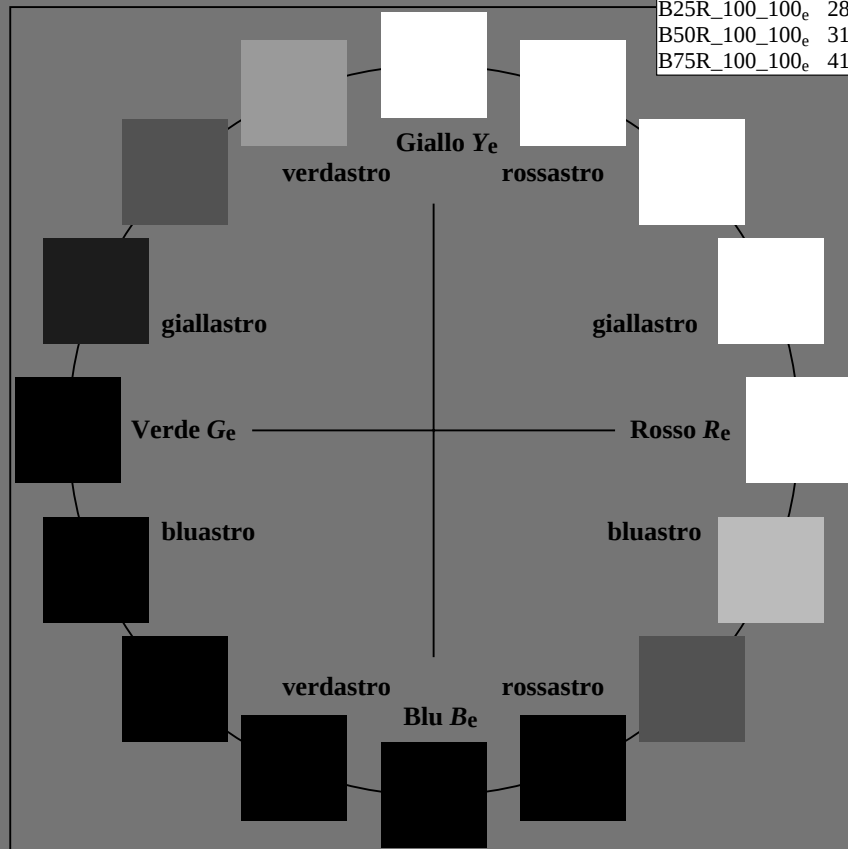
%Regularità

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

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

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



4-113231-L0 PI880-73

grafico TUB-PI88; cerchio delle tinte a 16 passi
grafico conformemente a DIN 33872, 3D=1, de=1, $cmY0^*$

Input: $rgb/cmyk \rightarrow rgb_{de}$
Output: 3D-linearizzazione a $cmY0^*_{de}$

Immettere y uscita: Offset Reflective System ORS18a

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

HIC^*_e

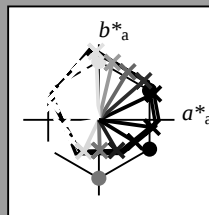
codice di tonalità per i colori

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

$u^*_{rel} = 92$

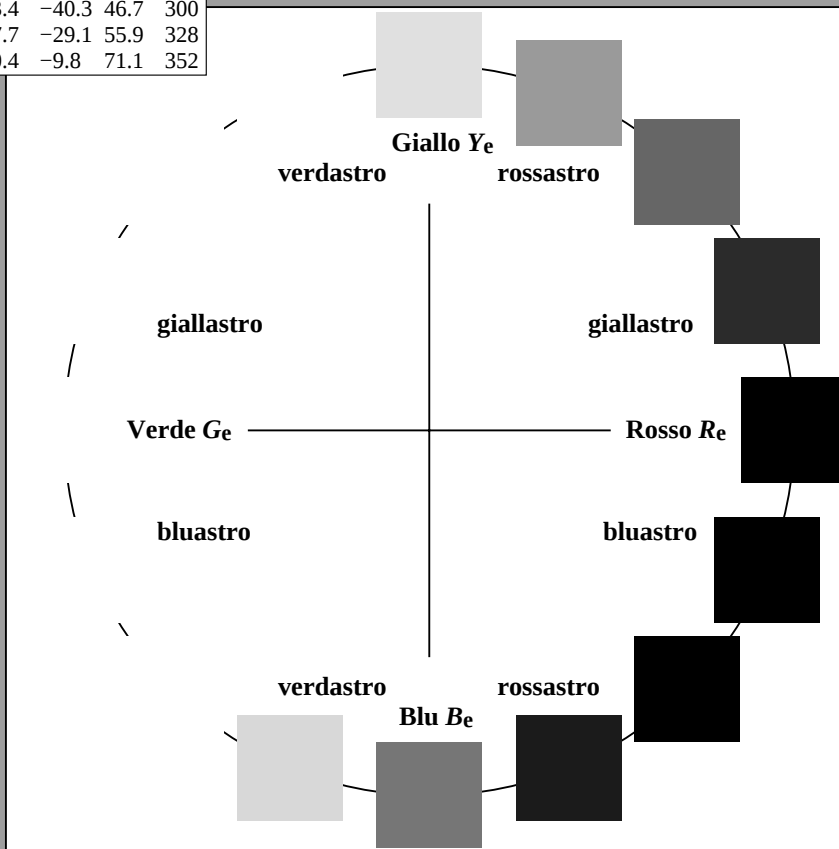
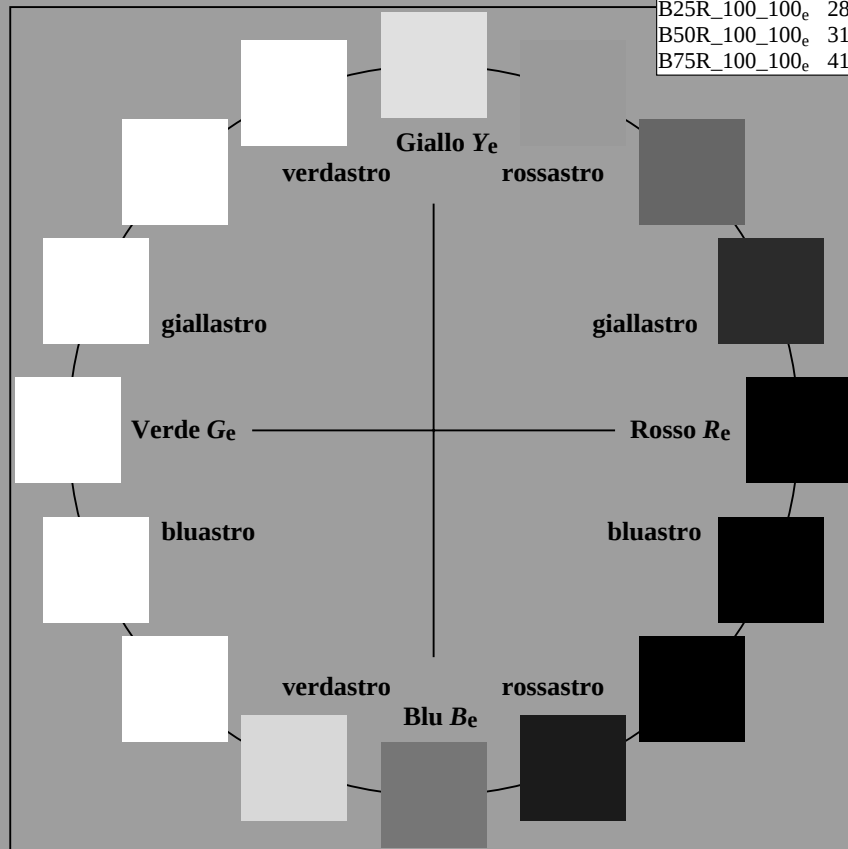
%Regularità

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

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

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



4-113331-L0 PI880-73

grafico TUB-PI88; cerchio delle tinte a 16 passi
grafico conformemente a DIN 33872, 3D=1, de=1, $cmY0^*$

Input: $rgb/cmyk \rightarrow rgb_{de}$

Output: 3D-linearizzazione a $cmY0^*_{de}$

Immettere y uscita: Offset Reflective System ORS18a

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

HIC^*_e

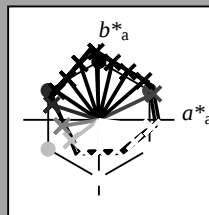
codice di tonalità per i colori

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

$u^*_{rel} = 92$

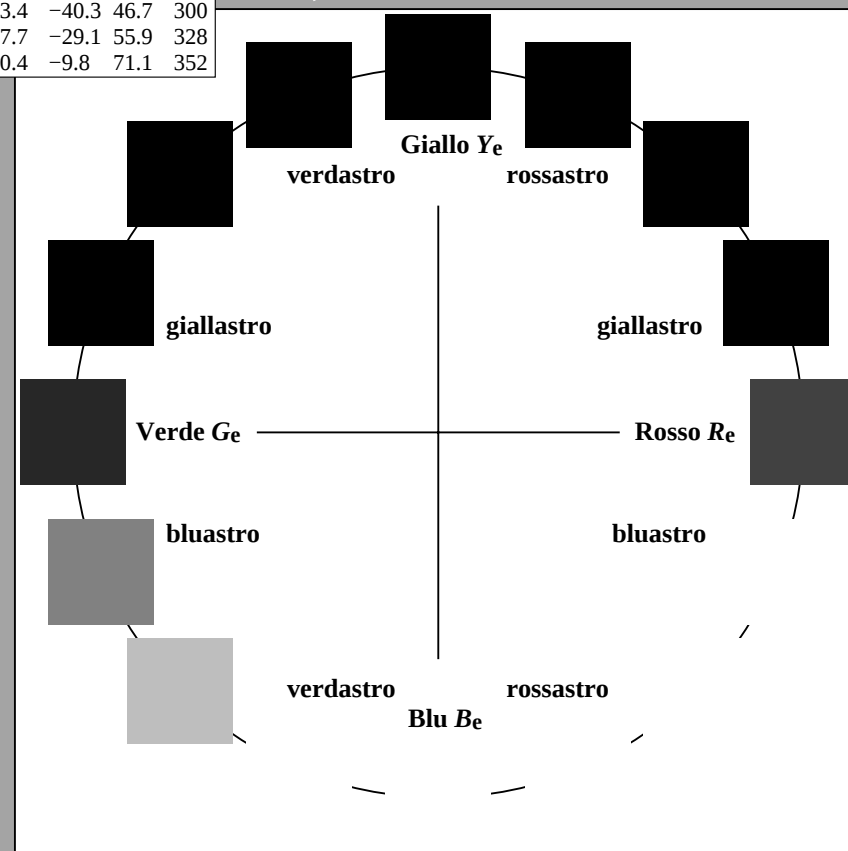
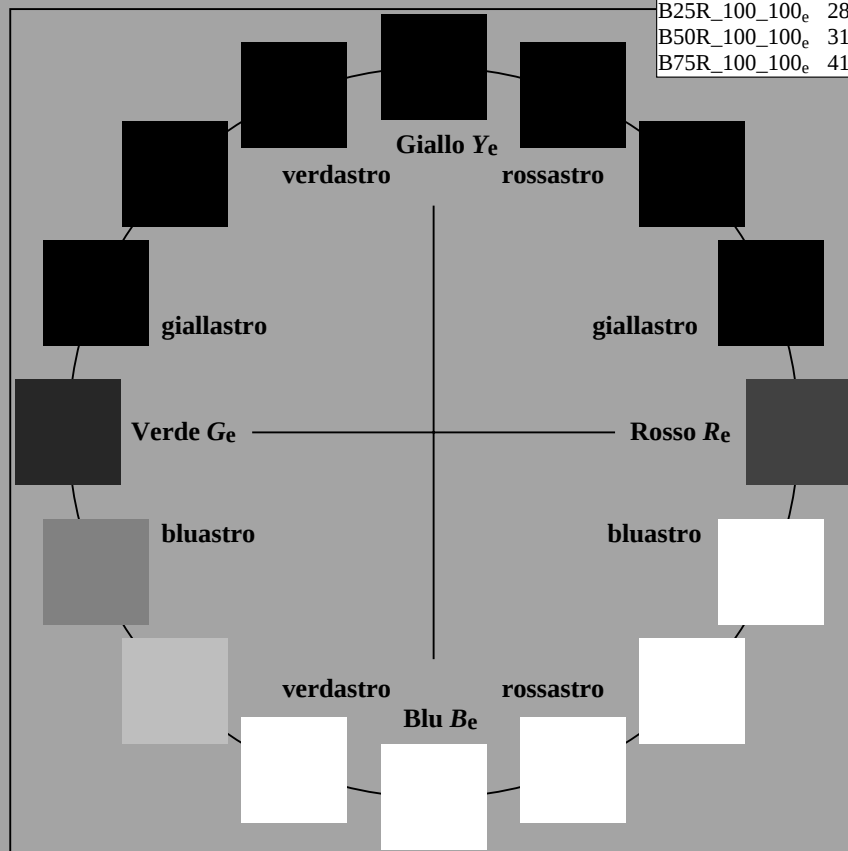
% Regularità

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

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

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



4-113431-L0 PI880-73

grafico TUB-PI88; cerchio delle tinte a 16 passi
grafico conformemente a DIN 33872, 3D=1, de=1, $cmY0^*$

Input: $rgb/cmyk \rightarrow rgb_{de}$

Output: 3D-linearizzazione a $cmY0^*_{de}$

iscrizione TUB: 20150701-PI88/PI88L0FP.PDF /.PS
Applicazione per la misura dell'output output nella stampa di offset, separazione $cmY0^*$ (CMY0)
TUB materiale: code=rha4ta



<http://farbe.li.tu-berlin.de/PI88/PI88L0FP.PDF> /.PS; linearizzazione 3D
F: linearizzazione 3D PI88/PI88LI30FP.DAT nel file (F), 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>

4-113531-L0 PI880-73

grafico TUB-PI88; cerchio delle tinte a 16 passi
grafico conformemente a DIN 33872, 3D=1, $de=1$, $cmY0^*$

Input: $rgb/cmyk \rightarrow rgb_{de}$
Output: 3D-linearizzazione a $cmY0^*_{de}$

4-113531-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 $RYGCBM_e$: $h_{ab,e} = 25.5, 92.3, 162.2, 217.0, 271.7, 328.6$

$J=Y_d$

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

$L=G_d$

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

$C=C_d$

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

$O=R_d$

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

$M=M_d$

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

$V=B_d$

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

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

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

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

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

$h_{ab,i} rgb^*_i$

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

$h_{ab,s}$

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

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

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

$h_{ab,e}$

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

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

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

$h_{ab,i}, h_{ab,d}$

rgb^*_{de}

4-113631-L0 PI880-73 $LAB^*Ia0, YN=0\%, XYZnW=3.6, 4.2, 6.1, 85.4, 89.1, 104.8, LAB^*nW=24.4, 0.0, 0.0, 95.6, 0.0, 0.0$

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

Input: $rgb/cmyk \rightarrow rgb_{de}$

Output: 3D-linearizzazione a $cmy0^*_{de}$

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

Angles of the reference colour (x=LabCh)										Angles of the reference colour (x=LabCh)										Angles of the reference colour (x=LabCh)										Angles of the reference colour (x=LabCh)									
h _{ab,d}	h _{ab,s}	h _{ab,e}	rgb* _{dd64M}	LAB* _{ddx64M} (x=LabCh)	rgb* _{dsx361M}	LAB* _{dsx361M} (x=LabCh)	rgb* _{dex361M}	LAB* _{dex361M} (x=LabCh)	rgb* _{dsx361M}	LAB* _{dsx361M} (x=LabCh)	rgb* _{dex361M}	LAB* _{dex361M} (x=LabCh)	rgb* _{dsx361M}	LAB* _{dsx361M} (x=LabCh)	rgb* _{dex361M}	LAB* _{dex361M} (x=LabCh)	rgb* _{dsx361M}	LAB* _{dsx361M} (x=LabCh)	rgb* _{dex361M}	LAB* _{dex361M} (x=LabCh)	rgb* _{dsx361M}	LAB* _{dsx361M} (x=LabCh)	rgb* _{dex361M}	LAB* _{dex361M} (x=LabCh)	rgb* _{dsx361M}	LAB* _{dsx361M} (x=LabCh)	rgb* _{dex361M}	LAB* _{dex361M} (x=LabCh)	rgb* _{dsx361M}	LAB* _{dsx361M} (x=LabCh)	rgb* _{dex361M}	LAB* _{dex361M} (x=LabCh)							
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	0.117	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					
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					
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					
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	0.617	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					
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					
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					
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	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					
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					
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					
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	36.8	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	48.4	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					
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					
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					
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					
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					
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					
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					
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					
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	209					
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	216					
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	223					
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	230					
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	237					
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	244					
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	250					
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	258					
299.0	262.5	264.8	0.0	0.125																																			

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

$h_{ab,d}$	$h_{ab,s}$	$h_{ab,e}$	rgb^*_{dd64M}	LAB^*_{dd64M}	LAB^*_{dd64M}	$rgb^*_{dex361M}$	$LAB^*_{dex361M}$	$rgb^*_{dex361M}$	$LAB^*_{dex361M}$	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		
38.1	37.5	33.8	1.0	0.125	0.0	48.9	62.8	49.4	79.9	38.1		
46.8	45.0	42.1	1.0	0.25	0.0	53.6	51.9	55.5	76.0	46.8		
56.9	52.5	50.5	1.0	0.375	0.0	59.1	40.3	62.0	74.0	56.9		
67.1	60.0	58.8	1.0	0.5	0.0	64.9	28.9	68.6	74.5	67.1		
78.6	67.5	67.2	1.0	0.625	0.0	72.1	15.4	77.1	78.6	78.6		
86.2	75.0	75.6	1.0	0.75	0.0	77.9	5.4	83.8	84.0	86.2		
92.1	82.5	83.9	1.0	0.875	0.0	83.4	-3.4	90.2	90.2	92.1		
96.1	90.0	92.3	1.0	1.0	0.0	87.8	-10.2	95.4	96.0	96.1		
98.8	97.5	101.0	0.875	1.0	0.0	84.3	-13.9	89.2	90.3	98.8		
101.8	105.0	109.7	0.75	1.0	0.0	80.7	-17.5	83.5	85.3	101.8		
107.6	112.5	118.5	0.625	1.0	0.0	75.3	-24.0	75.7	79.4	107.6		
114.0	120.0	127.2	0.5	1.0	0.0	70.6	-29.7	66.5	72.8	114.0		
121.4	127.5	136.0	0.375	1.0	0.0	65.7	-35.6	58.3	68.3	121.4		
135.3	135.0	144.7	0.25	1.0	0.0	58.4	-47.3	46.8	66.6	135.3		
144.4	142.5	153.4	0.125	1.0	0.0	54.7	-53.9	38.5	66.3	144.4		
155.5	150.0	162.2	0.0	1.0	0.0	50.0	-65.0	29.6	71.4	155.5		
160.7	157.5	169.0	0.0	1.0	0.125	50.5	-62.8	21.9	66.5	160.7		
167.7	165.0	175.9	0.0	1.0	0.25	51.2	-58.9	12.7	60.3	167.7		
176.7	172.5	182.7	0.0	1.0	0.375	52.0	-54.5	3.1	54.6	176.7		
189.3	180.0	189.6	0.0	1.0	0.5	52.9	-48.6	-8.0	49.3	189.3		
203.2	187.5	196.4	0.0	1.0	0.625	54.0	-42.3	-18.1	46.1	203.2		
217.2	195.0	203.2	0.0	1.0	0.75	55.0	-36.0	-27.4	45.3	217.2		
228.3	202.5	210.1	0.0	1.0	0.875	55.8	-30.7	-34.5	46.2	228.3		
238.4	210.0	216.9	0.0	1.0	1.0	56.8	-25.5	-41.5	48.7	238.4		
242.9	217.5	223.8	0.0	0.875	1.0	54.1	-21.1	-41.3	46.4	242.9		
249.3	225.0	230.6	0.0	0.75	1.0	50.4	-15.5	-41.1	43.9	249.3		
256.9	232.5	237.5	0.0	0.625	1.0	46.5	-9.4	-40.8	41.9	256.9		
268.2	240.0	244.3	0.0	0.5	1.0	41.7	-1.2	-40.6	40.6	268.2		
278.6	247.5	251.2	0.0	0.375	1.0	37.3	6.1	-40.2	40.7	278.6		
289.6	255.0	258.0	0.0	0.25	1.0	32.8	14.3	-40.2	42.7	289.6		
299.0	262.5	264.8	0.0	0.125	1.0	28.6	22.4	-40.2	46.1	299.0		
306.2	270.0	271.7	0.0	0.0	1.0	25.0	29.5	-40.4	50.0	306.2		
314.7	277.5	278.8	0.125	0.0	1.0	27.9	36.0	-36.4	51.2	314.7		
322.1	285.0	285.9	0.25	0.0	1.0	28.8	41.9	-32.5	53.1	322.1		
333.3	292.5	293.0	0.375	0.0	1.0	32.7	51.8	-26.0	58.0	333.3		
340.5	300.0	300.1	0.5	0.0	1.0	35.6	58.6	-20.7	62.1	340.5		
347.9	307.5	307.2	0.625	0.0	1.0	38.1	65.4	-14.0	66.9	347.9		
352.5	315.0	314.3	0.75	0.0	1.0	41.8	71.0	-9.2	71.6	352.5		
356.1	322.5	321.4	0.875	0.0	1.0	44.2	75.2	-5.0	75.3	356.1		
359.8	330.0	328.6	1.0	0.0	1.0	46.1	79.3	-0.2	79.3	359.8		
363.0	337.5	335.7	1.0	0.0	0.875	45.9	78.2	4.1	78.3	363.0		
366.4	345.0	342.8	1.0	0.0	0.75	45.9	77.1	8.6	77.6	366.4		
371.1	352.5	349.9	1.0	0.0	0.625	46.0	75.6	14.8	77.0	371.1		
375.9	360.0	357.0	1.0	0.0	0.5	45.9	74.2	21.1	77.1	375.9		
381.2	367.5	364.1	1.0	0.0	0.375	45.8	72.9	28.3	78.3	381.2		
385.6	375.0	371.2	1.0	0.0	0.25	45.6	72.1	34.6	80.0	385.6		
389.3	382.5	378.3	1.0	0.0	0.125	45.5	71.4	40.1	81.9	389.3		
392.3	390.0	385.4	1.0	0.0	0.0	45.4	70.9	44.8	83.9	392.3		

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PI880-73

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: $rgb/cmyk \rightarrow rgb_{de}$
Output: 3D-linearizzazione a $cmy0^*_{de}$

iscrizione TUB: 20150701-PI88/PI88L0FP.PDF /.PS
Applicazione per la misura dell'output output nella stampa di offset, separazione cmy0* (CMY0)

TUB materiale: code=rha4ta

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

Six hue angles of the device colours RYGBCM: $h_{ab,d} = 32.3, 96.1, 155.5, 238.4, 306.2, 359.8$; 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}	$LAB^*_{dd361M}(x=LabCh)$	R_d	$rgb^*_{ds361Mi}$	$LAB^*_{dsx361Mi}(x=LabCh)$	R_s	$rgb^*_{dd361Mi}$	$LAB^*_{de361Mi}$	$LAB^*_{dex361Mi}(x=LabCh)$	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	0.0	45.4	70.9	44.8	83.9	32	1.0	0.0	0.0	45.4	70.9	44.8	83.9	32	
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	0.0	45.9	69.8	45.5	83.4	33	1.0	0.017	0.0	45.9	69.8	45.5	83.4	33	
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	0.0	46.3	68.8	46.1	82.8	33	1.0	0.033	0.0	46.3	68.8	46.1	82.8	33	
34	33	28	1.0	0.05	0.0	46.8	67.7	46.8	82.3	34	1.0	0.0	0.015	0.0	45.9	70.0	45.5	83.5	33	1.0	0.05	0.0	1.0	0.0	0.0	46.8	67.7	46.8	82.3	34	1.0	0.05	0.0	46.8	67.7	46.8	82.3	34
35	34	29	1.0	0.066	0.0	47.3	66.6	47.4	81.8	35	1.0	0.0	0.036	0.0	46.5	68.6	46.3	82.8	34	1.0	0.067	0.0	1.0	0.0	0.0	47.3	66.6	47.4	81.8	35	1.0	0.067	0.0	47.3	66.6	47.4	81.8	35
36	35	31	1.0	0.083	0.0	47.7	65.5	48.0	81.2	36	1.0	0.0	0.057	0.0	47.1	67.3	47.1	82.1	35	1.0	0.083	0.0	1.0	0.0	0.0	47.7	65.5	48.0	81.2	36	1.0	0.083	0.0	47.7	65.5	48.0	81.2	36
36	36	32	1.0	0.1	0.0	48.2	64.4	48.5	80.7	36	1.0	0.0	0.079	0.0	47.6	65.9	47.9	81.4	36	1.0	0.1	0.0	1.0	0.0	0.0	48.2	64.4	48.5	80.7	36	1.0	0.1	0.0	48.2	64.4	48.5	80.7	36
37	37	33	1.0	0.116	0.0	48.6	63.3	49.1	80.2	37	1.0	0.1	0.0	0.0	48.2	64.5	48.6	80.7	37	1.0	0.117	0.0	1.0	0.0	0.0	48.6	63.3	49.1	80.2	37	1.0	0.117	0.0	48.6	63.3	49.1	80.2	37
38	38	34	1.0	0.133	0.0	49.2	62.1	49.8	79.6	38	1.0	0.121	0.0	0.0	48.8	63.1	49.3	80.1	38	1.0	0.133	0.0	1.0	0.0	0.0	49.2	62.1	49.8	79.6	38	1.0	0.133	0.0	49.2	62.1	49.8	79.6	38
39	39	35	1.0	0.15	0.0	49.8	60.7	50.7	79.1	39	1.0	0.137	0.0	0.0	49.4	61.8	50.1	79.6	39	1.0	0.15	0.0	1.0	0.0	0.0	49.8	60.7	50.7	79.1	39	1.0	0.15	0.0	49.8	60.7	50.7	79.1	39
41	40	36	1.0	0.166	0.0	50.5	59.2	51.6	78.6	41	1.0	0.151	0.0	0.0	49.9	60.6	50.9	79.1	40	1.0	0.167	0.0	1.0	0.0	0.0	50.5	59.2	51.6	78.6	41	1.0	0.167	0.0	50.5	59.2	51.6	78.6	41
42	41	37	1.0	0.183	0.0	51.1	57.8	52.5	78.1	42	1.0	0.166	0.0	0.0	50.5	59.4	51.6	78.7	41	1.0	0.183	0.0	1.0	0.0	0.0	51.1	57.8	52.5	78.1	42	1.0	0.183	0.0	51.1	57.8	52.5	78.1	42
43	42	38	1.0	0.2	0.0	51.7	56.3	53.3	77.5	43	1.0	0.18	0.0	0.0	51.0	58.1	52.3	78.2	42	1.0	0.2	0.0	1.0	0.0	0.0	51.7	56.3	53.3	77.5	43	1.0	0.2	0.0	51.7	56.3	53.3	77.5	43
44	43	39	1.0	0.216	0.0	52.4	54.9	54.0	77.0	44	1.0	0.194	0.0	0.0	51.6	56.9	53.0	77.8	43	1.0	0.217	0.0	1.0	0.0	0.0	52.4	54.9	54.0	77.0	44	1.0	0.217	0.0	52.4	54.9	54.0	77.0	44
45	44	41	1.0	0.233	0.0	53.0	53.4	54.8	76.5	45	1.0	0.209	0.0	0.0	52.1	55.6	53.7	77.3	44	1.0	0.233	0.0	1.0	0.0	0.0	53.0	53.4	54.8	76.5	45	1.0	0.233	0.0	53.0	53.4	54.8	76.5	45
46	45	42	1.0	0.25	0.0	53.6	51.9	55.5	76.0	46	1.0	0.223	0.0	0.0	52.7	54.4	54.4	76.9	45	1.0	0.25	0.0	1.0	0.0	0.0	53.6	51.9	55.5	76.0	46	1.0	0.25	0.0	53.6	51.9	55.5	76.0	46
48	46	43	1.0	0.266	0.0	54.4	50.4	56.5	75.7	48	1.0	0.237	0.0	0.0	53.2	53.1	55.0	76.4	46	1.0	0.267	0.0	1.0	0.0	0.0	54.4	50.4	56.5	75.7	48	1.0	0.267	0.0	54.4	50.4	56.5	75.7	48
49	47	44	1.0	0.283	0.0	55.1	48.9	57.4	75.4	49	1.0	0.251	0.0	0.0	53.7	51.8	55.6	76.0	47	1.0	0.283	0.0	1.0	0.0	0.0	55.1	48.9	57.4	75.4	49	1.0	0.283	0.0	55.1	48.9	57.4	75.4	49
50	48	45	1.0	0.3	0.0	55.8	47.4	58.4	75.2	50	1.0	0.264	0.0	0.0	54.3	50.7	56.3	75.8	48	1.0	0.3	0.0	1.0	0.0	0.0	55.8	47.4	58.4	75.2	50	1.0	0.3	0.0	55.8	47.4	58.4	75.2	50
52	49	46	1.0	0.316	0.0	56.6	45.8	59.2	74.9	52	1.0	0.276	0.0	0.0	54.8	49.6	57.1	75.6	49	1.0	0.317	0.0	1.0	0.0	0.0	56.6	45.8	59.2	74.9	52	1.0	0.317	0.0	56.6	45.8	59.2	74.9	52
53	50	47	1.0	0.333	0.0	57.3	44.2	60.1	74.6	53	1.0	0.288	0.0	0.0	55.4	48.5	57.8	75.4	50	1.0	0.333	0.0	1.0	0.0	0.0	57.3	44.2	60.1	74.6	53	1.0	0.333	0.0	57.3	44.2	60.1	74.6	53
54	51	48	1.0	0.35	0.0	58.0	42.7	60.9	74.4	54	1.0	0.301	0.0	0.0	55.9	47.3	58.5	75.2	51	1.0	0.35	0.0	1.0	0.0	0.0	58.0	42.7	60.9	74.4	54	1.0	0.35	0.0	58.0	42.7	60.9	74.4	54
56	52	49	1.0	0.366	0.0	58.8	41.1	61.7	74.1	56	1.0	0.313	0.0	0.0	56.5	46.2	59.1	75.0	52	1.0	0.367	0.0	1.0	0.0	0.0	58.8	41.1	61.7	74.1	56	1.0	0.367	0.0	58.8	41.1	61.7	74.1	56
57	53	51	1.0	0.383	0.0	59.5	39.5	62.5	74.0	57	1.0	0.326	0.0	0.0	57.0	45.0	59.8	74.8	53	1.0	0.383	0.0	1.0	0.0	0.0	59.5	39.5	62.5	74.0	57	1.0	0.383	0.0	59.5	39.5	62.5	74.0	57
59	54	52	1.0	0.4	0.0	60.3	38.1	63.5	74.1	59	1.0	0.338	0.0	0.0	57.6	43.9	60.4	74.6	54	1.0	0.4	0.0	1.0	0.0	0.0	60.3	38.1	63.5	74.1	59	1.0	0.4	0.0	60.3	38.1	63.5	74.1	59
60	55	53	1.0	0.416	0.0	61.0	36.6	64.5	74.1	60	1.0	0.35	0.0	0.0	58.1	42.7	61.0	74.4	55	1.0	0.417	0.0	1.0	0.0	0.0	61.0	36.6	64.5	74.1	60	1.0	0.417	0.0	61.0	36.6	64.5	74.1	60
61	56	54	1.0	0.433	0.0	61.8	35.1	65.4	74.2	61	1.0	0.363	0.0	0.0	58.6	41.5	61.5	74.2	56	1.0	0.433	0.0	1.0	0.0	0.0	61.8	35.1	65.4	74.2	61	1.0	0.433	0.0	61.8	35.1	65.4	74.2	61
63	57	55	1.0	0.45	0.0	62.6	33.6	66.2	74.3	63	1.0	0.375	0.0	0.0	59.2	40.3	62.1	74.0	57	1.0	0.45	0.0	1.0	0.0	0.0	62.6	33.6	66.2	74.3	63	1.0	0.45	0.0	62.6	33.6	66.2	74.3	63
64	58	56	1.0	0.466	0.0	63.3	32.0	67.1	74.4	64	1.0	0.387	0.0	0.0	59.8	39.3	62.8	74.1	58	1.0	0.467	0.0	1.0	0.0	0.0	63.3	32.0	67.1	74.4	64	1.0	0.467	0.0	63.3	32.0	67.1	74.4	64
65	59	57	1.0	0.483	0.0	64.1	30.5	67.9	74.4	65	1.0	0.4	0.0	0.0	60.3	38.2	63.5	74.1	59	1.0	0.483	0.0	1.0	0.0														

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

Six hue angles of the device colours <i>RYGCBM</i> : $h_{ab,d} = 32.3, 96.1, 155.5, 238.4, 306.2, 359.8$; Six hue angles of the elementary colours <i>RYGCBM</i> : $h_{ab,e} = 25.5, 92.3, 162.2, 217.0, 271.7, 328.6$															
$h_{ab,d}$	$h_{ab,s}$	$h_{ab,e}$	rgb^*_{dd361M}	LAB^*_{d361Mi} (x=LabCh)	$rgb^*_{ds361Mi}$	$LAB^*_{ds361Mi}$ (x=LabCh)	$rgb^*_{dd361Mi}$	$rgb^*_{de361Mi}$	$LAB^*_{dex361Mi}$ (x=LabCh)	$rgb^*_{dd361Mi}$	$rgb^*_{dd361Mi}$	$rgb^*_{dd361Mi}$	$rgb^*_{dd361Mi}$	$rgb^*_{dd361Mi}$	$rgb^*_{dd361Mi}$
86	75	75	1.0	0.75 0.0	77.9	5.4	83.8	84.0	86	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				
87	77	77	1.0	0.783 0.0	79.4	3.2	85.6	85.7	87	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				
89	79	80	1.0	0.816 0.0	80.8	0.8	87.3	87.3	89	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				
91	81	82	1.0	0.85 0.0	82.3	-1.5	89.0	89.0	91	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				
92	83	84	1.0	0.883 0.0	83.7	-3.8	90.5	90.6	92	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				
93	85	86	1.0	0.916 0.0	84.9	-5.6	92.0	92.2	93	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				
94	87	88	1.0	0.95 0.0	86.0	-7.4	93.4	93.7	94	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				
95	89	91	1.0	0.983 0.0	87.2	-9.2	94.8	95.2	95	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				
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				
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				
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				
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				
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				
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				
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				
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				
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				
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				
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				
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				
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				
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				
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				
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				
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				
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				
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				
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				
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				
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				
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				
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				
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				
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				
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				
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				
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				
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				

4-1131031-L0 PI880-73

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: $rgb/cmyk \rightarrow rgb_{de}$
Output: 3D-linearizzazione a $cmy0^*_{de}$

4-1131031-F0

4-1131031-F0

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/PI88L0FP.PDF /.PS
Applicazione per la misura dell'output output nella stampa di offset, separazione cmy0* (CMY0)

TUB materiale: code=rh4ta

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* d361Mi (x=LabCh)	rgb* ds361Mi	LAB* ds361Mi (x=LabCh)	rgb* dd361Mi	LAB* de361Mi	rgb* dex361Mi (x=LabCh)	rgb* dd361Mi	LAB* de361Mi	rgb* dex361Mi	rgb* dd361Mi	LAB* de361Mi	rgb* dex361Mi	rgb* dd361Mi	LAB* de361Mi
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
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
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
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
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
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
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
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
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
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
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
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
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
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	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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
155	150	162	0.0	1.0	0.0	50.0	-65.0	29.6	71.4	155	0.062	1.0	0.0	52.4	-59.6	34.5	68.9
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
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
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
158	154	165	0.0	1.0	0.066	50.3	-63.9	25.4	68.8	158	0.017	1.0	0.0	50.7	-63.5	31.0	70.7
159	155	166	0.0	1.0	0.083	50.3	-63.6	24.4	68.1	159	0.006	1.0	0.0	50.3	-64.4	30.1	71.2
159	156	167	0.0	1.0	0.1	50.4	-63.3	23.4	67.5	159	0.0	1.0	0.012	50.1	-64.7	28.9	71.0
160	157	168	0.0	1.0	0.116	50.5	-62.9	22.4	66.8	160	0.0	1.0	0.035	50.2	-64.4	27.4	70.0
161	158	169	0.0	1.0	0.133	50.5	-62.5	21.2	66.1	161	0.0	1.0	0.059	50.3	-64.0	25.9	69.1
162	159	170	0.0	1.0	0.15	50.6	-62.1	19.9	65.2	162	0.0	1.0	0.083	50.4	-63.5	24.4	68.2
163	160	171	0.0	1.0	0.166	50.7	-61.6	18.7	64.4	163	0.0	1.0	0.107	50.5	-63.1	23.0	67.2
164	161	172	0.0	1.0	0.183	50.8	-61.1	17.4	63.6	164	0.0	1.0	0.129	50.6	-62.6	21.6	66.3
164	162	173	0.0	1.0	0.2	50.9	-60.6	16.2	62.7	164	0.0	1.0	0.147	50.7	-62.1	20.2	65.4
165	163	174	0.0	1.0	0.216	51.0	-60.1	15.0	61.9	165	0.0	1.0	0.165	50.8	-61.6	18.9	64.5
166	164	175	0.0	1.0	0.233	51.1	-59.5	13.9	61.1	166	0.0	1.0	0.183	50.9	-61.1	17.5	63.7
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

4-1131131-L0 PI880-73

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 -> rgb_{de}
Output: 3D-linearizzazione a cmy0*_{de}

4-1131131-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)	$rgb^*_{dd361Mi}$	$rgb^*_{de361Mi}$	$LAB^*_{dex361Mi}$ (x=LabCh)	$rgb^*_{dd361Mi}$	rgb^*_{dd}	rgb^*_{ds}	rgb^*_{de}
167	165	175	0.0	1.0	0.25	51.2	-58.9	12.7	60.3	167			
168	166	176	0.0	1.0	0.266	51.3	-58.4	11.3	59.5	168			
170	167	177	0.0	1.0	0.283	51.4	-57.9	10.0	58.8	170			
171	168	178	0.0	1.0	0.3	51.5	-57.3	8.7	58.0	171			
172	169	179	0.0	1.0	0.316	51.6	-56.8	7.4	57.3	172			
173	170	180	0.0	1.0	0.333	51.7	-56.2	6.1	56.5	173			
174	171	181	0.0	1.0	0.35	51.8	-55.5	4.9	55.8	174			
176	172	182	0.0	1.0	0.366	51.9	-54.9	3.7	55.0	176			
177	173	183	0.0	1.0	0.383	52.0	-54.2	2.3	54.3	177			
179	174	184	0.0	1.0	0.4	52.2	-53.6	0.7	53.6	179			
180	175	185	0.0	1.0	0.416	52.3	-52.8	-0.8	52.9	180			
182	176	185	0.0	1.0	0.433	52.4	-52.1	-2.3	52.1	182			
184	177	186	0.0	1.0	0.45	52.6	-51.3	-3.8	51.4	184			
185	178	187	0.0	1.0	0.466	52.7	-50.4	-5.3	50.7	185			
187	179	188	0.0	1.0	0.483	52.8	-49.6	-6.6	50.0	187			
189	180	189	0.0	1.0	0.5	52.9	-48.6	-8.0	49.3	189			
191	181	190	0.0	1.0	0.516	53.1	-47.9	-9.5	48.9	191			
193	182	191	0.0	1.0	0.533	53.2	-47.2	-10.9	48.4	193			
194	183	192	0.0	1.0	0.55	53.4	-46.4	-12.3	48.0	194			
196	184	193	0.0	1.0	0.566	53.5	-45.6	-13.7	47.6	196			
198	185	194	0.0	1.0	0.583	53.6	-44.7	-15.0	47.1	198			
200	186	195	0.0	1.0	0.6	53.8	-43.8	-16.3	46.7	200			
202	187	195	0.0	1.0	0.616	53.9	-42.8	-17.5	46.3	202			
204	188	196	0.0	1.0	0.633	54.1	-42.0	-18.8	46.0	204			
206	189	197	0.0	1.0	0.65	54.2	-41.2	-20.1	45.9	206			
207	190	198	0.0	1.0	0.666	54.3	-40.5	-21.4	45.8	207			
209	191	199	0.0	1.0	0.683	54.5	-39.7	-22.7	45.7	209			
211	192	200	0.0	1.0	0.7	54.6	-38.8	-23.9	45.6	211			
213	193	201	0.0	1.0	0.716	54.7	-37.9	-25.1	45.5	213			
215	194	202	0.0	1.0	0.733	54.9	-37.0	-26.3	45.4	215			
217	195	203	0.0	1.0	0.75	55.0	-36.0	-27.4	45.3	217			
218	196	204	0.0	1.0	0.766	55.1	-35.4	-28.4	45.4	218			
220	197	205	0.0	1.0	0.783	55.2	-34.7	-29.4	45.5	220			
221	198	206	0.0	1.0	0.8	55.3	-34.0	-30.3	45.6	221			

4-1131231-L0 PI880-73

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 13/32

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

Input: $rgb/cmyk \rightarrow rgb_{de}$
Output: 3D-linearizzazione a $cmy0^*_{de}$

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}	$LAB^*_{dd361Mi}(x=LabCh)$	$rgb^*_{ds361Mi}$	$LAB^*_{ds361Mi}(x=LabCh)$	$rgb^*_{dd361Mi}$	$LAB^*_{de361Mi}$	$rgb^*_{de361Mi}$	$LAB^*_{dex361Mi}(x=LabCh)$	$rgb^*_{dd361Mi}$	rgb^*_{dd}	rgb^*_{ds}	rgb^*_{de}
238	210	216	0.0	1.0	1.0	56.8	-25.5	-41.5	48.7	238	0.0	1.0	1.0	1.0
239	211	217	0.0	0.983	1.0	56.4	-24.9	-41.5	48.4	239	0.0	0.983	1.0	1.0
239	212	218	0.0	0.966	1.0	56.1	-24.3	-41.5	48.1	239	0.0	0.967	1.0	1.0
240	213	219	0.0	0.95	1.0	55.7	-23.7	-41.5	47.8	240	0.0	0.95	1.0	1.0
240	214	220	0.0	0.933	1.0	55.4	-23.1	-41.5	47.5	240	0.0	0.933	1.0	1.0
241	215	221	0.0	0.916	1.0	55.0	-22.5	-41.4	47.2	241	0.0	0.917	1.0	1.0
242	216	222	0.0	0.9	1.0	54.6	-22.0	-41.4	46.9	242	0.0	0.9	1.0	1.0
242	217	223	0.0	0.883	1.0	54.3	-21.4	-41.4	46.6	242	0.0	0.883	1.0	1.0
243	218	224	0.0	0.866	1.0	53.9	-20.7	-41.3	46.3	243	0.0	0.867	1.0	1.0
244	219	225	0.0	0.85	1.0	53.4	-20.0	-41.3	45.9	244	0.0	0.85	1.0	1.0
245	220	226	0.0	0.833	1.0	52.9	-19.2	-41.3	45.6	245	0.0	0.833	1.0	1.0
245	221	227	0.0	0.816	1.0	52.4	-18.5	-41.3	45.3	245	0.0	0.817	1.0	1.0
246	222	227	0.0	0.8	1.0	51.9	-17.7	-41.3	44.9	246	0.0	0.8	1.0	1.0
247	223	228	0.0	0.783	1.0	51.4	-17.0	-41.2	44.6	247	0.0	0.783	1.0	1.0
248	224	229	0.0	0.766	1.0	50.9	-16.2	-41.2	44.2	248	0.0	0.767	1.0	1.0
249	225	230	0.0	0.75	1.0	50.4	-15.5	-41.1	43.9	249	0.0	0.75	1.0	1.0
250	226	231	0.0	0.733	1.0	49.9	-14.7	-41.1	43.6	250	0.0	0.733	1.0	1.0
251	227	232	0.0	0.716	1.0	49.4	-13.8	-41.1	43.4	251	0.0	0.717	1.0	1.0
252	228	233	0.0	0.7	1.0	48.8	-13.0	-41.1	43.1	252	0.0	0.7	1.0	1.0
253	229	234	0.0	0.683	1.0	48.3	-12.2	-41.1	42.9	253	0.0	0.683	1.0	1.0
254	230	235	0.0	0.666	1.0	47.8	-11.4	-41.0	42.6	254	0.0	0.667	1.0	1.0
255	231	236	0.0	0.65	1.0	47.3	-10.6	-41.0	42.3	255	0.0	0.65	1.0	1.0
256	232	237	0.0	0.633	1.0	46.8	-9.8	-40.9	42.1	256	0.0	0.633	1.0	1.0
257	233	237	0.0	0.616	1.0	46.2	-8.9	-40.9	41.8	257	0.0	0.617	1.0	1.0
259	234	238	0.0	0.6	1.0	45.5	-7.8	-40.9	41.7	259	0.0	0.6	1.0	1.0
260	235	239	0.0	0.583	1.0	44.9	-6.6	-41.0	41.5	260	0.0	0.583	1.0	1.0
262	236	240	0.0	0.566	1.0	44.2	-5.5	-40.9	41.3	262	0.0	0.567	1.0	1.0
263	237	241	0.0	0.55	1.0	43.6	-4.4	-40.9	41.1	263	0.0	0.55	1.0	1.0
265	238	242	0.0	0.533	1.0	43.0	-3.3	-40.8	41.0	265	0.0	0.533	1.0	1.0
266	239	243	0.0	0.516	1.0	42.3	-2.3	-40.7	40.8	266	0.0	0.517	1.0	1.0
268	240	244	0.0	0.5	1.0	41.7	-1.2	-40.6	40.6	268	0.0	0.5	1.0	1.0
269	241	245	0.0	0.483	1.0	41.1	-0.2	-40.6	40.6	269	0.0	0.483	1.0	1.0
271	242	246	0.0	0.466	1.0	40.5	0.7	-40.6	40.6	271	0.0	0.467	1.0	1.0
272	243	247	0.0	0.45	1.0	39.9	1.7	-40.6	40.6	272	0.0	0.45	1.0	1.0
273	244	248	0.0	0.433	1.0	39.3	2.7	-40.6	40.6	273	0.0	0.433	1.0	1.0
275	245	248	0.0	0.416	1.0	38.8	3.6	-40.5	40.6	275	0.0	0.417	1.0	1.0
276	246	249	0.0	0.4	1.0	38.2	4.6	-40.4	40.7	276	0.0	0.4	1.0	1.0
277	247	250	0.0	0.383	1.0	37.6	5.6	-40.3	40.7	277	0.0	0.383	1.0	1.0
279	248	251	0.0	0.366	1.0	37.0	6.6	-40.2	40.8	279	0.0	0.367	1.0	1.0
280	249	252	0.0	0.35	1.0	36.4	7.7	-40.3	41.1	280	0.0	0.35	1.0	1.0
282	250	253	0.0	0.333	1.0	35.8	8.8	-40.4	41.3	282	0.0	0.333	1.0	1.0
283	251	254	0.0	0.316	1.0	35.2	9.9	-40.4	41.6	283	0.0	0.317	1.0	1.0
285	252	255	0.0	0.3	1.0	34.6	11.0	-40.4	41.9	285	0.0	0.3	1.0	1.0
286	253	256	0.0	0.283	1.0	34.0	12.1	-40.3	42.1	286	0.0	0.283	1.0	1.0
288	254	257	0.0	0.266	1.0	33.4	13.2	-40.3	42.4	288	0.0	0.267	1.0	1.0
289	255	258	0.0	0.25	1.0	32.8	14.3	-40.2	42.7	289	0.0	0.25	1.0	1.0

4-1131331-L0 PI880-73

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 14/33

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

Input: $rgb/cmyk \rightarrow rgb_{de}$
Output: 3D-linearizzazione a $cmy0^*_{de}$

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

Six hue angles of the device colours <i>RYGCBM</i> _d : <i>h</i> _{ab,d} = 32.3, 96.1, 155.5, 238.4, 306.2, 359.8; Six hue angles of the elementary colours <i>RYGCBM</i> _e : <i>h</i> _{ab,e} = 25.5, 92.3, 162.2, 217.0, 271.7, 328.6																																		
<i>h</i> _{ab,d}	<i>h</i> _{ab,s}	<i>h</i> _{ab,e}	<i>rgb</i> [*] _{dd361M}				<i>LAB</i> [*] _{dd361Mi} (<i>x</i> =LabCh)				<i>rgb</i> [*] _{ds361Mi}				<i>LAB</i> [*] _{dsx361Mi} (<i>x</i> =LabCh)				<i>rgb</i> [*] _{dd361Mi}				<i>rgb</i> [*] _{de361Mi}				<i>LAB</i> [*] _{dex361Mi} (<i>x</i> =LabCh)				<i>rgb</i> [*] _{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	<i>B</i> _d	0.0	0.479	1.0	41.0	0.0	-40.6	40.7	270 <i>B</i> _s	0.0	0.0	1.0	0.0	0.458	1.0	40.3	1.2	-40.6	40.7	271 <i>B</i> _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																					

4-1131431-L0 PI880-73

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: $rgb/cmyk \rightarrow rgb_{de}$
Output: 3D-linearizzazione a $cmy0^*_{de}$

4-1131431-F0

V

C

M

Y

O

L

V

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* dxx361Mi (x=LabCh)	rgb* ds361Mi	LAB* dsx361Mi (x=LabCh)	rgb* dd361Mi	LAB* dex361Mi (x=LabCh)	rgb* dd361Mi	LAB* dex361Mi (x=LabCh)	rgb* dd361Mi	rgb* dd										
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												

4-1131531-L0 PI880-73

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 -> rgb_{de}
Output: 3D-linearizzazione a cmy0*_{de}

4-1131531-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 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^*_{d361M}	$LAB^*_{dsx361Mi}(x=LabCh)$				$rgb^*_{ds361Mi}$	$rgb^*_{dd361Mi}$	$rgb^*_{de361Mi}$	$LAB^*_{dex361Mi}(x=LabCh)$	$rgb^*_{dd361Mi}$	$rgb^*_{dd361Mi}$	$rgb^*_{ds361Mi}$	$rgb^*_{de361Mi}$																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																		
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	45.9	77.1	8.6	77.6	366	0.593	0.0	1.0	37.5	63.8	-15.8	65.7	346	1.0	0.0	0.733	45.9	77.0	9.4	77.5	367	0.61	0.0	1.0	37.8	64.7	-14.8	66.4	347	1.0	0.0	0.717	45.9	76.8	10.3	77.5	367	0.627	0.0	1.0	38.2	65.6	-13.8	67.1	348	1.0	0.0	0.7	45.9	76.6	11.1	77.4	368	0.654	0.0	1.0	39.0	66.8	-12.9	68.1	349	1.0	0.0	0.683	45.9	76.4	11.9	77.3	368	0.681	0.0	1.0	39.8	68.0	-11.9	69.1	350	1.0	0.0	0.667	45.9	76.2	12.8	77.2	369	0.708	0.0	1.0	40.6	69.2	-10.9	70.1	351	1.0	0.0	0.65	46.0	75.9	13.6	77.2	370	0.735	0.0	1.0	41.4	70.4	-9.8	71.1	352	1.0	0.0	0.633	46.0	75.7	14.4	77.1	370	0.765	0.0	1.0	42.1	71.6	-8.7	72.1	353	1.0	0.0	0.617	46.0	75.5	15.2	77.1	371	0.8	0.0	1.0	42.8	72.7	-7.5	73.1	354	1.0	0.0	0.6	45.9	75.4	16.1	77.1	372	0.835	0.0	1.0	43.5	73.9	-6.4	74.2	355	1.0	0.0	0.583	45.9	75.2	16.9	77.1	372	0.87	0.0	1.0	44.2	75.0	-5.1	75.2	356	1.0	0.0	0.567	45.9	75.0	17.8	77.1	373	0.904	0.0	1.0	44.7	76.2	-3.9	76.3	357	1.0	0.0	0.55	45.9	74.8	18.6	77.1	374	0.938	0.0	1.0	45.2	77.3	-2.6	77.3	358	1.0	0.0	0.533	45.9	74.6	19.5	77.1	374	0.971	0.0	1.0	45.7	78.4	-1.3	78.4	359	1.0	0.0	0.517	45.9	74.4	20.3	77.1	375	1.0	0.0	0.994	46.1	79.3	0.0	79.3	360	1.0	0.0	0.5	45.9	74.2	21.1	77.1	375	1.0	0.0	0.955	46.1	79.0	1.4	79.0	361	1.0	0.0	0.483	45.8	74.1	22.1	77.3	376	1.0	0.0	0.916	46.0	78.6	2.7	78.7	362	1.0	0.0	0.467	45.8	73.9	23.1	77.4	377	1.0	0.0	0.876	46.0	78.3	4.1	78.4	363	1.0	0.0	0.45	45.8	73.8	24.0	77.6	378	1.0	0.0	0.433	45.8	73.6	25.0	77.7	378	1.0	0.0	0.417	45.8	73.4	25.9	77.9	379	1.0	0.0	0.417	45.8	73.4	25.9	77.9	379	1.0	0.0	0.4	45.8	73.2	26.9	78.0	380	1.0	0.0	0.383	45.8	73.0	27.8	78.2	380	1.0	0.0	0.367	45.8	72.9	28.7	78.4	381	1.0	0.0	0.367	45.8	72.9	28.7	78.4	381	1.0	0.0	0.35	45.8	72.8	29.6	78.6	382	1.0	0.0	0.35	45.8	72.8	29.6	78.6	382	1.0	0.0	0.333	45.7	72.7	30.4	78.8	382	1.0	0.0	0.333	45.7	72.7	30.4	78.8	382	1.0	0.0	0.317	45.7	72.6	31.2	79.1	383	1.0	0.0	0.317	45.7	72.6	31.2	79.1	383	1.0	0.0	0.3	45.7	72.5	32.1	79.3	383	1.0	0.0	0.3	45.7	72.5	32.1	79.3	383	1.0	0.0	0.283	45.6	72.4	32.9	79.6	384	1.0	0.0	0.283	45.6	72.4	32.9	79.6	384	1.0	0.0	0.267	45.6	72.3	33.8	79.8	385	1.0	0.0	0.267	45.6	72.3	33.8	79.8	385	1.0	0.0	0.25	45.6	72.1	34.6	80.0	385	1.0	0.0	0.25	45.6	72.1	34.6	80.0	385	1.0	0.0	0.233	45.6	72.1	35.3	80.3	386	1.0	0.0	0.233	45.6	72.1	35.3	80.3	386	1.0	0.0	0.217	45.6	72.0	36.1	80.5	386	1.0	0.0	0.217	45.6	72.0	36.1	80.5	386	1.0	0.0	0.2	45.6	71.9	36.8	80.8	387	1.0	0.0	0.2	45.6	71.9	36.8	80.8	387	1.0	0.0	0.183	45.5	71.8	37.5	81.0	387	1.0	0.0	0.183	45.5	71.8	37.5	81.0	387	1.0	0.0	0.167	45.5	71.7	38.2	81.3	388	1.0	0.0	0.167	45.5	71.7	38.2	81.3	388	1.0	0.0	0.15	45.5	71.6	39.0	81.5	388	1.0	0.0	0.15	45.5	71.6	39.0	81.5	388	1.0	0.0	0.133	45.5	71.5	39.7	81.8	389	1.0	0.0	0.133	45.5	71.5	39.7	81.8	389	1.0	0.0	0.117	45.5	71.4	40.4	82.1	389	1.0	0.0	0.117	45.5	71.4	40.4	82.1	389	1.0	0.0	0.1	45.5	71.3	41.0	82.3	389	1.0	0.0	0.1	45.5	71.3	41.0	82.3	389	1.0	0.0	0.083	45.5	71.3	41.6	82.6	390	1.0	0.0	0.083	45.5	71.3	41.6	82.6	390	1.0	0.0	0.067	45.5	71.2	42.3	82.8	390	1.0	0.0	0.067	45.5	71.2	42.3	82.8	390	1.0	0.0	0.05	45.5	71.1	42.9	83.1	391	1.0	0.0	0.05	45.5	71.1	42.9	83.1	391	1.0	0.0	0.033	45.4	71.1	43.5	83.4	391	1.0	0.0	0.033	45.4	71.1	43.5	83.4	391	1.0	0.0	0.017	45.4	71.0	44.2	83.6	391	1.0	0.0	0.017	45.4	71.0	44.2	83.6	391	1.0	0.0	0.0	45.4	70.9	44.8	83.9	392	1.0	0.0	0.0	45.4	70.9	44.8	83.9	392	1.0	0.0	0.0	45.4	70.9	44.8	83.9	392	1.0	0.0	0.0	45.4	70.9	44.8	83.9	392	1.0	0.0	0.0	45.4	70.9	44.8	83.9	392	1.0	0.0	0.0	45.4	70.9	44.8	83.9	392	1.0	0.0	0.0	45.4	70.9	44.8	83.9	392	1.0	0.0	0.0	45.4	70.9	44.8	83.9	392	1.0	0.0	0.0	45.4	70.9	44.8	83.9	392	1.0	0.0	0.0	45.4	70.9	44.8	83.9	392	1.0	0.0	0.0	45.4	70.9	44.8	83.9	392	1.0	0.0	0.0	45.4	70.9	44.8	83.9	392	1.0	0.0	0.0	45.4	70.9	44.8	83.9	392	1.0	0.0	0.0	45.4	70.9	44.8	83.9	392	1.0	0.0	0.0	45.4	70.9	44.8	83.9	392	1.0	0.0	0.0	45.4	70.9	44.8	83.9	392	1.0	0.0	0.0	45.4	70.9	44.8	83.9	392	1.0	0.0	0.0	45.4	70.9	44.8	83.9	392	1.0	0.0	0.0	45.4	70.9	44.8	83.9	392	1.0	0.0	0.0	45.4	70.9	44.8	83.9	392	1.0	0.0	0.0	45.4	70.9	44.8	83.9	392	1.0	0.0	0.0	45.4	70.9	44.8	83.9	392	1.0	0.0	0.0	45.4	70.9	44.8	83.9	392	1.0	0.0	0.0	45.4	70.9	44.8	83.9	392	1.0	0.0	0.0	45.4	70.9	44.8	83.9	392	1.0	0.0	0.0	45.4	70.9	44.8	83.9	392	1.0	0.0	0.0	45.4	70.9	44.8	83.9	392	1.0	0.0	0.0	45.4	70.9	44.8	83.9	392	1.0	0.0	0.0	45.4	70.9	44.8	83.9	392	1.0	0.0	0.0	45.4	70.9	44.8	83.9	392	1.0	0.0	0.0	45.4	70.9	44.8	83.9	392	1.0	0.0	0.0	45.4	70.9	44.8	83.9	392	1.0	0.0	0.0	45.4	70.9	44.8	83.9	392	1.0	0.0	0.0	45.4	70.9	44.8	83.9	392	1.0	0.0	0.0	45.4	70.9	44.8	83.9	392	1.0	0.0	0.0	45.4	70.9	44.8	83.9	392	1.0	0.0	0.0	45.4	70.9	44.8	83.9	392	1.0	0.0	0.0	45.4	70.9	44.8	83.9	392	1.0	0.0	0.0	45.4	70.9	44.8	83.9	392	1.0	0.0	0.0	45.4	70.9	44.8	83.9	392	1.0	0.0	0.0	45.4	70.9	44.8	83.9	392	1.0	0.0	0.0	45.4	70.9	44.8	83.9	392	1.0	0.0	0.0	45.4	70.9	44.8	83.9	392	1.0	0.0	0.0	45.4	70.9	44.8	83.9	392	1.0	0.0	0.0	45.4	70.9	44.8	83.9	392	1.0	0.0	0.0	45.4	70.9	44.8	83.9	392	1.0	0.0	0.0	45.4	70.9	44.8	83.9	392	1.0	0.0	0.0	45.4	70.9	44.8	83.9	392	1.0	0.0	0.0	45.4	70.9	44.8	83.9	392	1.0	0.0	0.0	45.4	70.9	44.8	83.9	392	1.0	0.0	0.0	45.4	70.9	44.8	83.9	392	1.0	0.0	0.0	45.4	70.9	44.8	83.9	392	1.0	0.0	0.0	45.4	70.9	44.8	83.9	392	1.0	0.0	0.0	45.4	70.9	44.8	83.9	392	1.0	0.0	0.0	45.4	70.9	44.8	83.9	392	1.0	0.0	0.0	45.4	70.9	44.8	83.9	392	1.0	0.0	0.0	45.4	70.9	44.8	83.9	392	1.0	0.0	0.0	45.4	70.9	44.8	83.9	392	1.0	0.0	0.0	45.4	70.9	44.8	83.9	392	1.0	0.0	0.0	45.4	70.9	44.8	83.9	392	1.0	0.0	0.0	45.4	70.9	44.8	83.9	392	1.0	0.0	0.0	45.4	70.9	44.8	83.9	392	1.0	0.0	0.0	45.4	70.9	44.8	83.9	392	1.0	0.0	0.0	45.4	70.9	44.8	83.9	392	1.0	0.0	0.0	45.4	70.9	44.8	83.9	392	1.0	0.0	0.0	45.4	70.9	44.8	83.9	39

4-1131631-L0 PI880-73

LAB* l_{a0} , YN=0%, XYZnw=3.6, 4.2, 6.1, 85.4, 89.1, 104.8, LAB* n_w =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: $rgb/cmyk \rightarrow rgb_{de}$
Output: 3D-linearizzazione a $cmy0^*_{de}$

4-1131631-F0

V

L

O

Y

M

C

V

L

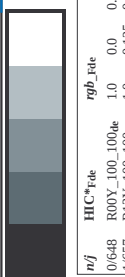
O

Y

M

C

V



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>

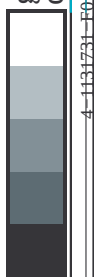
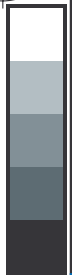


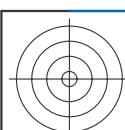
grafico TUB-PI88; cerchio delle tinte a 16 passi colori e la differenza ΔE^*

PI880-7N, 18/33-F

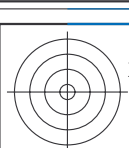
Input: $rgb/cmyk \rightarrow rgb_{de}$
Output: 3D-linearizzazione a $cmy0^*_{de}$



iscrizione TUB: 20150701-PI88/PI88L0FP.PDF /.PS TUB materiale: code=rha4ta
 Applicatione per la misura dell'output output nella stampa di offset, separazione cmy0* (CMy0)



n/j	HIC*F _{ide}	rgb_F _{ide}	lct_F _{ide}	hsa_F _{ide}	rgb*F _{ide}	LabCh*F _{ide}	cmv*sup _{ide}	LabCh*W _{ide}	hsa*W _{ide}	rgb*W _{ide}	delta
0/648	R00Y_100_100de	1.0	0.0	1.0	1.0	0.254	0.0	45.6	375	1.0	25.4
1/657	R13Y_100_100de	1.0	0.125	1.0	1.0	0.02	0.0	46.0	31	1.0	83.2
2/666	R28Y_100_100de	1.0	0.25	1.0	0.05	0.166	0.0	50.5	38	1.0	83.2
3/675	R38Y_100_100de	1.0	0.375	1.0	0.05	0.288	0.0	55.3	46	1.0	83.2
4/684	R50Y_100_100de	1.0	0.5	1.0	0.05	0.398	0.0	60.2	53	1.0	83.2
5/693	R63Y_100_100de	1.0	0.625	1.0	0.05	0.506	0.0	65.3	60	1.0	83.2
6/702	R75Y_100_100de	1.0	0.75	1.0	0.05	0.624	0.0	70.9	66	1.0	83.2
7/711	R88Y_100_100de	1.0	0.875	1.0	0.05	0.761	0.0	76.6	74	1.0	83.2
8/720	Y00G_100_100de	1.0	1.0	1.0	0.5	0.878	0.0	83.6	83	1.0	83.2
9/639	Y13G_100_100de	0.875	1.0	1.0	0.0	0.807	0.0	82.4	113	0.605	83.2
10/558	Y25G_100_100de	0.75	1.0	1.0	0.05	0.605	0.0	74.5	113	0.605	83.2
11/477	Y38G_100_100de	0.625	1.0	1.0	0.1	0.434	0.0	68.0	124	0.434	83.2
12/396	Y50G_100_100de	0.5	1.0	1.0	0.05	0.322	0.0	62.6	131	0.322	83.2
13/315	Y63G_100_100de	0.375	1.0	1.0	0.05	0.232	0.0	57.8	137	0.232	83.2
14/234	Y75G_100_100de	0.25	1.0	1.0	0.05	0.108	1.0	54.1	144	0.108	83.2
15/153	Y88G_100_100de	0.125	1.0	1.0	0.5	0.016	1.0	50.6	149	0.016	83.2
16/72	G00C_100_100de	0.0	1.0	1.0	0.5	0.151	0.0	50.6	158	0.0	65.2
17/73	G13C_100_100de	0.0	1.0	1.0	0.5	0.261	1.0	51.3	164	0.0	162.2
18/74	G25C_100_100de	0.0	1.0	1.0	0.5	0.35	1.0	51.8	170	0.0	59.7
19/75	G38C_100_100de	0.0	1.0	1.0	0.5	0.43	1.0	52.4	175	0.0	118
20/76	G50C_100_100de	0.0	1.0	1.0	0.5	0.502	1.0	53.0	180	0.0	51.8
21/77	G63C_100_100de	0.0	1.0	1.0	0.5	0.588	1.0	53.5	184	0.0	48.2
22/78	G75C_100_100de	0.0	1.0	1.0	0.5	0.633	1.0	54.1	188	0.0	49.5
23/79	G88C_100_100de	0.0	1.0	1.0	0.5	0.69	1.0	54.5	192	0.0	45.5
24/80	C00B_100_100de	0.0	1.0	1.0	0.5	0.17	1.0	55.0	195	0.0	196.9
25/71	C13B_100_100de	0.0	1.0	1.0	0.5	0.248	1.0	55.5	200	0.0	27.2
26/63	C25B_100_100de	0.0	1.0	1.0	0.5	0.31	1.0	56.0	204	0.0	45.7
27/65	C38B_100_100de	0.0	1.0	1.0	0.5	0.382	1.0	56.6	209	0.0	223.3
28/44	C50B_100_100de	0.0	1.0	1.0	0.5	0.486	1.0	57.3	218	0.0	31.4
29/45	C63B_100_100de	0.0	1.0	1.0	0.5	0.571	1.0	58.2	226	0.0	45.7
30/26	C75B_100_100de	0.0	1.0	1.0	0.5	0.602	1.0	58.9	233	0.0	48.3
31/17	C88B_100_100de	0.0	1.0	1.0	0.5	0.632	1.0	59.2	237	0.0	237.0
32/8	B00M_100_100de	0.0	1.0	1.0	0.5	0.458	1.0	40.2	242	0.0	229.7
33/89	B13M_100_100de	0.125	1.0	1.0	0.5	0.378	1.0	37.4	248	0.0	40.6
34/170	B25M_100_100de	0.25	1.0	1.0	0.5	0.302	1.0	34.7	252	0.0	40.2
35/251	B38M_100_100de	0.375	1.0	1.0	0.5	0.21	1.0	31.5	258	0.0	278.3
36/332	B50M_100_100de	0.5	1.0	1.0	0.5	0.105	1.0	28.1	264	0.0	41.8
37/413	B63M_100_100de	0.625	1.0	1.0	0.5	0.022	0.0	25.5	268	0.0	43.7
38/494	B75M_100_100de	0.75	1.0	1.0	0.5	0.135	0.0	27.9	271	0.022	292.5
39/575	B88M_100_100de	0.875	1.0	1.0	0.5	0.246	0.0	28.8	277	0.135	300.1
40/656	M00R_100_100de	1.0	0.0	1.0	0.5	0.321	0.0	31.1	283	0.246	307.7
41/655	M13R_100_100de	1.0	0.0	1.0	0.5	0.407	0.0	33.5	288	0.321	36.1
42/654	M25R_100_100de	1.0	0.0	1.0	0.5	0.522	0.0	36.0	293	0.407	51.4
43/653	M38R_100_100de	1.0	0.0	1.0	0.5	0.666	0.0	39.3	299	0.522	328.6
44/652	M50R_100_100de	1.0	0.0	1.0	0.5	0.736	0.0	41.4	301	0.666	24.7
45/651	M63R_100_100de	1.0	0.0	1.0	0.5	0.955	0.0	46.0	310	0.955	59.1
46/650	M75R_100_100de	1.0	0.0	1.0	0.5	1.0	0.0	47.7	315	1.0	335.2
47/649	M88R_100_100de	1.0	0.0	1.0	0.5	1.0	0.0	48.8	321	1.0	19.6
48/648	R00Y_100_100de	1.0	0.0	1.0	0.5	0.254	0.0	45.6	330	0.0	63.0
49/0	NW_00de	0.0	0.0	0.0	0.0	0.0	0.0	0.0	340	0.0	341.8
50/91	NW_013de	0.125	0.125	0.125	0.125	0.125	0.125	0.125	350	0.125	349.4
51/182	NW_025de	0.25	0.25	0.25	0.25	0.25	0.25	0.25	360	0.25	349.4
52/277	NW_038de	0.375	0.375	0.375	0.375	0.375	0.375	0.375	360	0.375	349.4
53/364	NW_050de	0.5	0.5	0.5	0.5	0.5	0.5	0.5	360	0.5	349.4
54/455	NW_063de	0.625	0.625	0.625	0.625	0.625	0.625	0.625	360	0.625	349.4
55/546	NW_075de	0.75	0.75	0.75	0.75	0.75	0.75	0.75	360	0.75	349.4
56/637	NW_088de	0.875	0.875	0.875	0.875	0.875	0.875	0.875	360	0.875	349.4
57/728	NW_100de	1.0	1.0	1.0	1.0	1.0	1.0	1.0	360	1.0	349.4



Input: $rab/cm\bar{v}k \rightarrow rabde$

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

-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>

Input: *rgb/cmyk* $\rightarrow$ *rgb*_{de}
Output: 3D-linearizzazione a *cmy0**_{de}

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

HIC*Fide	rgb_Fide	icr_Fide	hsa_Fide	rgb*Fide	LabCh*Fide	cmyn*Sep,Fide	hsan,die	rgb*die	LabCh*die	delta
00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
NW_000R_012_012a	360	0.0	0.0	0.0	24.3	0.0	0.0	0.0	0.0	0.0
1	0.125	0.125	0.062	270	0.0	0.057	0.125	26.3	0.1	-5.0
2	0.125	0.125	0.062	270	0.0	0.114	0.125	28.3	0.3	-10.1
3	0.125	0.125	0.062	270	0.0	0.171	0.125	30.3	0.4	-15.2
4	0.125	0.125	0.062	270	0.0	0.228	0.125	32.3	0.6	-20.3
5	0.125	0.125	0.062	270	0.0	0.286	0.125	34.3	0.7	-25.4
6	0.125	0.125	0.062	270	0.0	0.343	0.125	36.3	0.9	-30.5
7	0.125	0.125	0.062	270	0.0	0.401	0.125	38.3	1.1	-35.6
8	0.125	0.125	0.062	270	0.0	0.458	0.125	40.3	1.2	-40.6
9	0.125	0.125	0.062	270	0.0	0.516	0.125	42.3	1.4	-45.7
10	0.125	0.125	0.062	270	0.0	0.573	0.125	44.3	1.6	-50.8
11	0.125	0.125	0.062	270	0.0	0.631	0.125	46.3	1.8	-55.9
12	0.125	0.125	0.062	270	0.0	0.688	0.125	48.3	2.0	-61.0
13	0.125	0.125	0.062	270	0.0	0.746	0.125	50.3	2.2	-66.1
14	0.125	0.125	0.062	270	0.0	0.803	0.125	52.3	2.4	-71.2
15	0.125	0.125	0.062	270	0.0	0.861	0.125	54.3	2.6	-76.3
16	0.125	0.125	0.062	270	0.0	0.918	0.125	56.3	2.8	-81.4
17	0.125	0.125	0.062	270	0.0	0.976	0.125	58.3	3.0	-86.5
18	0.125	0.125	0.062	270	0.0	1.033	0.125	60.3	3.2	-91.6
19	0.125	0.125	0.062	270	0.0	1.091	0.125	62.3	3.4	-96.7
20	0.125	0.125	0.062	270	0.0	1.148	0.125	64.3	3.6	-101.8
21	0.125	0.125	0.062	270	0.0	1.206	0.125	66.3	3.8	-106.9
22	0.125	0.125	0.062	270	0.0	1.263	0.125	68.3	4.0	-112.0
23	0.125	0.125	0.062	270	0.0	1.321	0.125	70.3	4.2	-117.1
24	0.125	0.125	0.062	270	0.0	1.378	0.125	72.3	4.4	-122.2
25	0.125	0.125	0.062	270	0.0	1.436	0.125	74.3	4.6	-127.3
26	0.125	0.125	0.062	270	0.0	1.493	0.125	76.3	4.8	-132.4
27	0.125	0.125	0.062	270	0.0	1.551	0.125	78.3	5.0	-137.5
28	0.125	0.125	0.062	270	0.0	1.608	0.125	80.3	5.2	-142.6
29	0.125	0.125	0.062	270	0.0	1.666	0.125	82.3	5.4	-147.7
30	0.125	0.125	0.062	270	0.0	1.723	0.125	84.3	5.6	-152.8
31	0.125	0.125	0.062	270	0.0	1.781	0.125	86.3	5.8	-157.9
32	0.125	0.125	0.062	270	0.0	1.838	0.125	88.3	6.0	-163.0
33	0.125	0.125	0.062	270	0.0	1.896	0.125	90.3	6.2	-168.1
34	0.125	0.125	0.062	270	0.0	1.953	0.125	92.3	6.4	-173.2
35	0.125	0.125	0.062	270	0.0	2.011	0.125	94.3	6.6	-178.3
36	0.125	0.125	0.062	270	0.0	2.068	0.125	96.3	6.8	-183.4
37	0.125	0.125	0.062	270	0.0	2.126	0.125	98.3	7.0	-188.5
38	0.125	0.125	0.062	270	0.0	2.183	0.125	100.3	7.2	-193.6
39	0.125	0.125	0.062	270	0.0	2.241	0.125	102.3	7.4	-198.7
40	0.125	0.125	0.062	270	0.0	2.298	0.125	104.3	7.6	-203.8
41	0.125	0.125	0.062	270	0.0	2.356	0.125	106.3	7.8	-208.9
42	0.125	0.125	0.062	270	0.0	2.413	0.125	108.3	8.0	-214.0
43	0.125	0.125	0.062	270	0.0	2.471	0.125	110.3	8.2	-219.1
44	0.125	0.125	0.062	270	0.0	2.528	0.125	112.3	8.4	-224.2
45	0.125	0.125	0.062	270	0.0	2.586	0.125	114.3	8.6	-229.3
46	0.125	0.125	0.062	270	0.0	2.643	0.125	116.3	8.8	-234.4
47	0.125	0.125	0.062	270	0.0	2.701	0.125	118.3	9.0	-239.5
48	0.125	0.125	0.062	270	0.0	2.758	0.125	120.3	9.2	-244.6
49	0.125	0.125	0.062	270	0.0	2.816	0.125	122.3	9.4	-249.7
50	0.125	0.125	0.062	270	0.0	2.873	0.125	124.3	9.6	-254.8
51	0.125	0.125	0.062	270	0.0	2.931	0.125	126.3	9.8	-259.9
52	0.125	0.125	0.062	270	0.0	2.988	0.125	128.3	10.0	-265.0
53	0.125	0.125	0.062	270	0.0	3.046	0.125	130.3	10.2	-270.1
54	0.125	0.125	0.062	270	0.0	3.103	0.125	132.3	10.4	-275.2
55	0.125	0.125	0.062	270	0.0	3.161	0.125	134.3	10.6	-280.3
56	0.125	0.125	0.062	270	0.0	3.218	0.125	136.3	10.8	-285.4
57	0.125	0.125	0.062	270	0.0	3.276	0.125	138.3	11.0	-290.5
58	0.125	0.125	0.062	270	0.0	3.333	0.125	140.3	11.2	-295.6
59	0.125	0.125	0.062	270	0.0	3.391	0.125	142.3	11.4	-300.7
60	0.125	0.125	0.062	270	0.0	3.448	0.125	144.3	11.6	-305.8
61	0.125	0.125	0.062	270	0.0	3.506	0.125	146.3	11.8	-310.9
62	0.125	0.125	0.062	270	0.0	3.563	0.125	148.3	12.0	-316.0
63	0.125	0.125	0.062	270	0.0	3.621	0.125	150.3	12.2	-321.1
64	0.125	0.125	0.062	270	0.0	3.678	0.125	152.3	12.4	-326.2
65	0.125	0.125	0.062	270	0.0	3.736	0.125	154.3	12.6	-331.3
66	0.125	0.125	0.062	270	0.0	3.793	0.125	156.3	12.8	-336.4
67	0.125	0.125	0.062	270	0.0	3.851	0.125	158.3	13.0	-341.5
68	0.125	0.125	0.062	270	0.0	3.908	0.125	160.3	13.2	-346.6
69	0.125	0.125	0.062	270	0.0	3.966	0.125	162.3	13.4	-351.7
70	0.125	0.125	0.062	270	0.0	4.023	0.125	164.3	13.6	-356.8
71	0.125	0.125	0.062	270	0.0	4.081	0.125	166.3	13.8	-361.9
72	0.125	0.125	0.062	270	0.0	4.138	0.125	168.3	14.0	-367.0
73	0.125	0.125	0.062	270	0.0	4.196	0.125	170.3	14.2	-372.1
74	0.125	0.125	0.062	270	0.0	4.253	0.125	172.3	14.4	-377.2
75	0.125	0.125	0.062	270	0.0	4.311	0.125	174.3	14.6	-382.3
76	0.125	0.125	0.062	270	0.0	4.368	0.125	176.3	14.8	-387.4
77	0.125	0.125	0.062	270	0.0	4.426	0.125	178.3	15.0	-392.5
78	0.125	0.125	0.062	270	0.0	4.483	0.125	180.3	15.2	-397.6
79	0.125	0.125	0.062	270	0.0	4.541	0.125	182.3	15.4	-402.7
80	0.125	0.125	0.062	270	0.0	4.598	0.125	184.3	15.6	-407.8
81	0.125	0.125	0.062	270	0.0	4.656	0.125	186.3	15.8	-412.9
82	0.125	0.125	0.062	270	0.0	4.713	0.125	188.3	16.0	-418.0
83	0.125	0.125	0.062	270	0.0	4.771	0.125	190.3	16.2	-423.1
84	0.125	0.125	0.062	270	0.0	4.828	0.125	192.3	16.4	-428.2
85	0.125	0.125	0.062	270	0.0	4.886	0.125	194.3	16.6	-433.3
86	0.125	0.125	0.062	270	0.0	4.943	0.125	196.3	16.8	-438.4
87	0.125	0.125	0.062	270	0.0	5.001	0.125	198.3	17.0	-443.5
88	0.125	0.125	0.062	270	0.0	5.058	0.125	200.3	17.2	-448.6
89	0.125	0.125	0.062	270	0.0	5.116	0.125	202.3	17.4	-453.7
90	0.125	0.125	0.062	270	0.0	5.173	0.125	204.3	17.6	-458.8
91	0.125	0.125	0.062	270	0.0	5.231	0.125	206.3	17.8	-463.9
92	0.125	0.125	0.062	270	0.0	5.288	0.125	208.3	18.0	-469.0
93	0.125	0.125	0.062	270	0.0	5.346	0.125	210.3	18.2	-474.1
94	0.125	0.125	0.062	270	0.0	5.403	0.125	212.3	18.4	-479.2
95	0.125	0.125	0.062	270	0.0	5.461	0.125	214.3	18.6	-484.3
96	0.125	0.125	0.062	270	0.0	5.518	0.125	216.3	18.8	-489.4
97	0.125	0.125	0.062	270	0.0	5.576	0.125	218.3	19.0	-494.5
98	0.125	0.125	0.062	270	0.0	5.633	0.125	220.3	19.2	-499.6
99	0.125	0.125	0.062	270	0.0	5.691	0.125	222.3	19.4	-504.7
100	0.125	0.125	0.062	270	0.0	5.748	0.125	224.3	19.6	-509.8

n	HC*File	rgb_File	icr_File	hsa_File	rgb*File	LabCh*File	cmy0*sep_File	hsa*de	rgb*File	LabCh*File	delta
729	NW_100de	0.875	1.0	1.0	1.0	95.6	0.0	360	1.0	95.6	0.0
730	G50B_100.012de	0.875	1.0	1.0	1.0	95.6	0.0	360	1.0	95.6	0.0
731	G50B_100.025de	0.875	1.0	1.0	1.0	95.6	0.0	360	1.0	95.6	0.0
732	G50B_100.037de	0.875	1.0	1.0	1.0	95.6	0.0	360	1.0	95.6	0.0
733	G50B_100.050de	0.875	1.0	1.0	1.0	95.6	0.0	360	1.0	95.6	0.0
734	G50B_100.062de	0.875	1.0	1.0	1.0	95.6	0.0	360	1.0	95.6	0.0
735	G50B_100.075de	0.875	1.0	1.0	1.0	95.6	0.0	360	1.0	95.6	0.0
736	G50B_100.087de	0.875	1.0	1.0	1.0	95.6	0.0	360	1.0	95.6	0.0
737	G50B_100.100de	0.875	1.0	1.0	1.0	95.6	0.0	360	1.0	95.6	0.0
738	ROY_100.012de	0.875	1.0	1.0	1.0	95.6	0.0	360	1.0	95.6	0.0
739	ROY_100.025de	0.875	1.0	1.0	1.0	95.6	0.0	360	1.0	95.6	0.0
740	ROY_100.037de	0.875	1.0	1.0	1.0	95.6	0.0	360	1.0	95.6	0.0
741	ROY_100.050de	0.875	1.0	1.0	1.0	95.6	0.0	360	1.0	95.6	0.0
742	ROY_100.062de	0.875	1.0	1.0	1.0	95.6	0.0	360	1.0	95.6	0.0
743	ROY_100.075de	0.875	1.0	1.0	1.0	95.6	0.0	360	1.0	95.6	0.0
744	ROY_100.087de	0.875	1.0	1.0	1.0	95.6	0.0	360	1.0	95.6	0.0
745	ROY_100.100de	0.875	1.0	1.0	1.0	95.6	0.0	360	1.0	95.6	0.0
746	ROY_100.012de	0.875	1.0	1.0	1.0	95.6	0.0	360	1.0	95.6	0.0
747	ROY_100.025de	0.875	1.0	1.0	1.0	95.6	0.0	360	1.0	95.6	0.0
748	ROY_100.037de	0.875	1.0	1.0	1.0	95.6	0.0	360	1.0	95.6	0.0
749	ROY_100.050de	0.875	1.0	1.0	1.0	95.6	0.0	360	1.0	95.6	0.0
750	ROY_100.062de	0.875	1.0	1.0	1.0	95.6	0.0	360	1.0	95.6	0.0
751	ROY_100.075de	0.875	1.0	1.0	1.0	95.6	0.0	360	1.0	95.6	0.0
752	ROY_100.087de	0.875	1.0	1.0	1.0	95.6	0.0	360	1.0	95.6	0.0
753	ROY_100.100de	0.875	1.0	1.0	1.0	95.6	0.0	360	1.0	95.6	0.0
754	ROY_100.012de	0.875	1.0	1.0	1.0	95.6	0.0	360	1.0	95.6	0.0
755	ROY_100.025de	0.875	1.0	1.0	1.0	95.6	0.0	360	1.0	95.6	0.0
756	ROY_100.037de	0.875	1.0	1.0	1.0	95.6	0.0	360	1.0	95.6	0.0
757	ROY_100.050de	0.875	1.0	1.0	1.0	95.6	0.0	360	1.0	95.6	0.0
758	ROY_100.062de	0.875	1.0	1.0	1.0	95.6	0.0	360	1.0	95.6	0.0
759	ROY_100.075de	0.875	1.0	1.0	1.0	95.6	0.0	360	1.0	95.6	0.0
760	ROY_100.087de	0.875	1.0	1.0	1.0	95.6	0.0	360	1.0	95.6	0.0
761	ROY_100.100de	0.875	1.0	1.0	1.0	95.6	0.0	360	1.0	95.6	0.0
762	ROY_100.012de	0.875	1.0	1.0	1.0	95.6	0.0	360	1.0	95.6	0.0
763	ROY_100.025de	0.875	1.0	1.0	1.0	95.6	0.0	360	1.0	95.6	0.0
764	ROY_100.037de	0.875	1.0	1.0	1.0	95.6	0.0	360	1.0	95.6	0.0
765	ROY_100.050de	0.875	1.0	1.0	1.0	95.6	0.0	360	1.0	95.6	0.0
766	ROY_100.062de	0.875	1.0	1.0	1.0	95.6	0.0	360	1.0	95.6	0.0
767	ROY_100.075de	0.875	1.0	1.0	1.0	95.6	0.0	360	1.0	95.6	0.0
768	ROY_100.087de	0.875	1.0	1.0	1.0	95.6	0.0	360	1.0	95.6	0.0
769	ROY_100.100de	0.875	1.0	1.0	1.0	95.6	0.0	360	1.0	95.6	0.0
770	ROY_100.012de	0.875	1.0	1.0	1.0	95.6	0.0	360	1.0	95.6	0.0
771	ROY_100.025de	0.875	1.0	1.0	1.0	95.6	0.0	360	1.0	95.6	0.0
772	ROY_100.037de	0.875	1.0	1.0	1.0	95.6	0.0	360	1.0	95.6	0.0
773	ROY_100.050de	0.875	1.0	1.0	1.0	95.6	0.0	360	1.0	95.6	0.0
774	ROY_100.062de	0.875	1.0	1.0	1.0	95.6	0.0	360	1.0	95.6	0.0
775	ROY_100.075de	0.875	1.0	1.0	1.0	95.6	0.0	360	1.0	95.6	0.0
776	ROY_100.087de	0.875	1.0	1.0	1.0	95.6	0.0	360	1.0	95.6	0.0
777	ROY_100.100de	0.875	1.0	1.0	1.0	95.6	0.0	360	1.0	95.6	0.0
778	ROY_100.012de	0.875	1.0	1.0	1.0	95.6	0.0	360	1.0	95.6	0.0
779	ROY_100.025de	0.875	1.0	1.0	1.0	95.6	0.0	360	1.0	95.6	0.0
780	ROY_100.037de	0.875	1.0	1.0	1.0	95.6	0.0	360	1.0	95.6	0.0
781	ROY_100.050de	0.875	1.0	1.0	1.0	95.6	0.0	360	1.0	95.6	0.0
782	ROY_100.062de	0.875	1.0	1.0	1.0	95.6	0.0	360	1.0	95.6	0.0
783	ROY_100.075de	0.875	1.0	1.0	1.0	95.6	0.0	360	1.0	95.6	0.0
784	ROY_100.087de	0.875	1.0	1.0	1.0	95.6	0.0	360	1.0	95.6	0.0
785	ROY_100.100de	0.875	1.0	1.0	1.0	95.6	0.0	360	1.0	95.6	0.0
786	ROY_100.012de	0.875	1.0	1.0	1.0	95.6	0.0	360	1.0	95.6	0.0
787	ROY_100.025de	0.875	1.0	1.0	1.0	95.6	0.0	360	1.0	95.6	0.0
788	ROY_100.037de	0.875	1.0	1.0	1.0	95.6	0.0	360	1.0	95.6	0.0
789	ROY_100.050de	0.875	1.0	1.0	1.0	95.6	0.0	360	1.0	95.6	0.0
790	ROY_100.062de	0.875	1.0	1.0	1.0	95.6	0.0	360	1.0	95.6	0.0
791	ROY_100.075de	0.875	1.0	1.0	1.0	95.6	0.0	360	1.0	95.6	0.0
792	ROY_100.087de	0.875	1.0	1.0	1.0	95.6	0.0	360	1.0	95.6	0.0
793	ROY_100.100de	0.875	1.0	1.0	1.0	95.6	0.0	360	1.0	95.6	0.0
794	ROY_100.012de	0.875	1.0	1.0	1.0	95.6	0.0	360	1.0	95.6	0.0
795	ROY_100.025de	0.875	1.0	1.0	1.0	95.6	0.0	360	1.0	95.6	0.0
796	ROY_100.037de	0.875	1.0	1.0	1.0	95.6	0.0	360	1.0	95.6	0.0
797	ROY_100.050de	0.875	1.0	1.0	1.0	95.6	0.0	360	1.0	95.6	0.0
798	ROY_100.062de	0.875	1.0	1.0	1.0	95.6	0.0	360	1.0	95.6	0.0
799	ROY_100.075de	0.875	1.0	1.0	1.0	95.6	0.0	360	1.0	95.6	0.0
800	ROY_100.087de	0.875	1.0	1.0	1.0	95.6	0.0	360	1.0	95.6	0.0
801	ROY_100.100de	0.875	1.0	1.0	1.0	95.6	0.0	360	1.0	95.6	0.0
802	ROY_100.012de	0.875	1.0	1.0	1.0	95.6	0.0	360	1.0	95.6	0.0
803	ROY_100.025de	0.875	1.0	1.0	1.0	95.6	0.0	360	1.0	95.6	0.0
804	ROY_100.037de	0.875	1.0	1.0	1.0	95.6	0.0	360	1.0	95.6	0.0
805	ROY_100.050de	0.875	1.0	1.0	1.0	95.6	0.0	360	1.0	95.6	0.0
806	ROY_100.062de	0.875	1.0	1.0	1.0	95.6	0.0	360	1.0	95.6	0.0
807	ROY_100.075de	0.875	1.0	1.0	1.0	95.6	0.0	360	1.0	95.6	0.0
808	ROY_100.087de	0.875	1.0	1.0	1.0	95.6	0.0	360	1.0	95.6	0.0
809	ROY_100.100de	0.875	1.0	1.0	1.0	95.6	0.0	360	1.0	95.6	0.0

http://farbe.li.tu-berlin.de/PI88/PI88L0FP.PDF /.PS; linearizzazione 3D
F: linearizzazione 3D PI88/PI88L30FP.DAT nel file (F), pagine 31/33

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

n	HC*File	rgb*File	Lab*File	rgb*File	Lab*File	cmym*SepFile	delta	LabCH*File
891	NW_100de	1.0	1.0	1.0	95.6	0.0	0.0	95.6
892	B50R_100.012de	0.875	1.0	0.875	87.5	0.0	0.0	87.5
893	B50R_100.025de	0.75	1.0	0.75	75.0	0.0	0.0	75.0
894	B50R_100.037de	0.625	1.0	0.625	62.5	0.0	0.0	62.5
895	B50R_100.050de	0.5	1.0	0.5	50.0	0.0	0.0	50.0
896	B50R_100.062de	0.375	1.0	0.375	37.5	0.0	0.0	37.5
897	B50R_100.075de	0.25	1.0	0.25	25.0	0.0	0.0	25.0
898	B50R_100.087de	0.125	1.0	0.125	12.5	0.0	0.0	12.5
899	B50R_100.100de	0.0	1.0	0.0	0.0	0.0	0.0	0.0
900	GOB_100.012de	0.875	1.0	0.875	87.5	0.0	0.0	87.5
901	NW_087de	0.875	0.875	0.875	87.5	0.0	0.0	87.5
902	B50R_087.012de	0.875	0.875	0.875	87.5	0.0	0.0	87.5
903	B50R_087.025de	0.875	0.875	0.875	87.5	0.0	0.0	87.5
904	B50R_087.037de	0.875	0.875	0.875	87.5	0.0	0.0	87.5
905	B50R_087.050de	0.875	0.875	0.875	87.5	0.0	0.0	87.5
906	B50R_087.062de	0.875	0.875	0.875	87.5	0.0	0.0	87.5
907	B50R_087.075de	0.875	0.875	0.875	87.5	0.0	0.0	87.5
908	B50R_087.087de	0.875	0.875	0.875	87.5	0.0	0.0	87.5
909	GOB_100.025de	0.75	1.0	0.75	75.0	0.0	0.0	75.0
910	GOB_100.037de	0.625	1.0	0.625	62.5	0.0	0.0	62.5
911	NW_075de	0.75	1.0	0.75	75.0	0.0	0.0	75.0
912	B50R_075.012de	0.75	1.0	0.75	75.0	0.0	0.0	75.0
913	B50R_075.025de	0.75	1.0	0.75	75.0	0.0	0.0	75.0
914	B50R_075.037de	0.75	1.0	0.75	75.0	0.0	0.0	75.0
915	B50R_075.050de	0.75	1.0	0.75	75.0	0.0	0.0	75.0
916	B50R_075.062de	0.75	1.0	0.75	75.0	0.0	0.0	75.0
917	B50R_075.075de	0.75	1.0	0.75	75.0	0.0	0.0	75.0
918	GOB_100.037de	0.625	1.0	0.625	62.5	0.0	0.0	62.5
919	GOB_100.050de	0.5	1.0	0.5	50.0	0.0	0.0	50.0
920	GOB_100.062de	0.375	1.0	0.375	37.5	0.0	0.0	37.5
921	GOB_100.075de	0.25	1.0	0.25	25.0	0.0	0.0	25.0
922	B50R_062.012de	0.625	0.625	0.625	62.5	0.0	0.0	62.5
923	B50R_062.025de	0.625	0.625	0.625	62.5	0.0	0.0	62.5
924	B50R_062.037de	0.625	0.625	0.625	62.5	0.0	0.0	62.5
925	B50R_062.050de	0.625	0.625	0.625	62.5	0.0	0.0	62.5
926	B50R_062.062de	0.625	0.625	0.625	62.5	0.0	0.0	62.5
927	GOB_100.050de	0.5	1.0	0.5	50.0	0.0	0.0	50.0
928	GOB_087.037de	0.5	0.875	0.5	50.0	0.0	0.0	50.0
929	GOB_087.050de	0.5	0.875	0.5	50.0	0.0	0.0	50.0
930	GOB_087.062de	0.5	0.875	0.5	50.0	0.0	0.0	50.0
931	NW_050de	0.5	0.5	0.5	50.0	0.0	0.0	50.0
932	B50R_050.012de	0.5	0.375	0.5	50.0	0.0	0.0	50.0
933	B50R_050.025de	0.5	0.375	0.5	50.0	0.0	0.0	50.0
934	B50R_050.037de	0.5	0.375	0.5	50.0	0.0	0.0	50.0
935	B50R_050.050de	0.5	0.375	0.5	50.0	0.0	0.0	50.0
936	B50R_050.062de	0.375	1.0	0.375	37.5	0.0	0.0	37.5
937	GOB_087.050de	0.375	0.875	0.375	37.5	0.0	0.0	37.5
938	GOB_087.062de	0.375	0.875	0.375	37.5	0.0	0.0	37.5
939	GOB_087.075de	0.375	0.875	0.375	37.5	0.0	0.0	37.5
940	GOB_087.087de	0.375	0.875	0.375	37.5	0.0	0.0	37.5
941	NW_037de	0.375	0.375	0.375	37.5	0.0	0.0	37.5
942	B50R_037.012de	0.375	0.375	0.375	37.5	0.0	0.0	37.5
943	B50R_037.025de	0.375	0.375	0.375	37.5	0.0	0.0	37.5
944	B50R_037.037de	0.375	0.375	0.375	37.5	0.0	0.0	37.5
945	GOB_100.075de	0.25	1.0	0.25	25.0	0.0	0.0	25.0
946	GOB_062.062de	0.25	0.875	0.25	25.0	0.0	0.0	25.0
947	GOB_062.075de	0.25	0.875	0.25	25.0	0.0	0.0	25.0
948	GOB_062.087de	0.25	0.875	0.25	25.0	0.0	0.0	25.0
949	GOB_050.025de	0.25	0.5	0.25	25.0	0.0	0.0	25.0
950	GOB_050.037de	0.25	0.375	0.25	25.0	0.0	0.0	25.0
951	NW_025de	0.25	0.25	0.25	25.0	0.0	0.0	25.0
952	B50R_025.012de	0.25	0.25	0.25	25.0	0.0	0.0	25.0
953	B50R_025.025de	0.25	0.25	0.25	25.0	0.0	0.0	25.0
954	GOB_100.087de	0.125	1.0	0.125	12.5	0.0	0.0	12.5
955	GOB_087.075de	0.125	0.875	0.125	12.5	0.0	0.0	12.5
956	GOB_075.062de	0.125	0.625	0.125	12.5	0.0	0.0	12.5
957	GOB_050.050de	0.125	0.625	0.125	12.5	0.0	0.0	12.5
958	GOB_037.025de	0.125	0.375	0.125	12.5	0.0	0.0	12.5
959	GOB_037.037de	0.125	0.375	0.125	12.5	0.0	0.0	12.5
960	GOB_025.012de	0.125	0.125	0.125	12.5	0.0	0.0	12.5
961	NW_012de	0.125	0.125	0.125	12.5	0.0	0.0	12.5
962	B50R_012.012de	0.125	0.125	0.125	12.5	0.0	0.0	12.5
963	GOB_100.100de	0.0	1.0	0.0	0.0	0.0	0.0	0.0
964	GOB_087.087de	0.0	0.875	0.0	0.0	0.0	0.0	0.0
965	GOB_075.075de	0.0	0.75	0.0	0.0	0.0	0.0	0.0
966	GOB_062.062de	0.0	0.625	0.0	0.0	0.0	0.0	0.0
967	GOB_050.050de	0.0	0.5	0.0	0.0	0.0	0.0	0.0
968	GOB_037.037de	0.0	0.375	0.0	0.0	0.0	0.0	0.0
969	GOB_025.025de	0.0	0.25	0.0	0.0	0.0	0.0	0.0
970	GOB_012.012de	0.0	0.125	0.0	0.0	0.0	0.0	0.0
971	NW_000de	0.0	0.0	0.0	0.0	0.0	0.0	0.0

PI880-7N, 31/33-F

iscrizione TUB: 20150701-PI88/PI88L0FP.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/PI88L0FP.PDF /.PS; linearizzazione 3D
F: linearizzazione 3D PI88/PI88L30FP.DAT nel file (F), pagine 32/33

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

Input: rgb/cmyk -> rgbd
Output: 3D-linearizzazione a cmy0*de

n	HC*File	rgb_File	icL_File	hsa_File	rgb*File	LabCH*File	cmy0*_sep.File	hsa*de	rgb*File	LabCH*File
972	NW_000de	0.0	0.0	0.0	0.0	24.3	0.0	360	1.0	95.6
973	NW_012de	0.125	0.125	0.125	0.125	33.2	0.0	360	1.0	95.6
974	NW_025de	0.25	0.25	0.25	0.25	42.1	0.0	360	1.0	95.6
975	NW_037de	0.375	0.375	0.375	0.375	51.0	0.0	360	1.0	95.6
976	NW_050de	0.5	0.5	0.5	0.5	60.0	0.0	360	1.0	95.6
977	NW_062de	0.625	0.625	0.625	0.625	68.9	0.0	360	1.0	95.6
978	NW_075de	0.75	0.75	0.75	0.75	77.8	0.0	360	1.0	95.6
979	NW_087de	0.875	0.875	0.875	0.875	86.7	0.0	360	1.0	95.6
980	NW_100de	1.0	1.0	1.0	1.0	95.6	0.0	360	1.0	95.6
981	NW_000de	0.0	0.0	0.0	0.0	24.3	0.0	360	1.0	95.6
982	NW_012de	0.125	0.125	0.125	0.125	33.2	0.0	360	1.0	95.6
983	NW_025de	0.25	0.25	0.25	0.25	42.1	0.0	360	1.0	95.6
984	NW_037de	0.375	0.375	0.375	0.375	51.0	0.0	360	1.0	95.6
985	NW_050de	0.5	0.5	0.5	0.5	60.0	0.0	360	1.0	95.6
986	NW_062de	0.625	0.625	0.625	0.625	68.9	0.0	360	1.0	95.6
987	NW_075de	0.75	0.75	0.75	0.75	77.8	0.0	360	1.0	95.6
988	NW_087de	0.875	0.875	0.875	0.875	86.7	0.0	360	1.0	95.6
989	NW_100de	1.0	1.0	1.0	1.0	95.6	0.0	360	1.0	95.6
990	NW_000de	0.0	0.0	0.0	0.0	24.3	0.0	360	1.0	95.6
991	NW_012de	0.125	0.125	0.125	0.125	33.2	0.0	360	1.0	95.6
992	NW_025de	0.25	0.25	0.25	0.25	42.1	0.0	360	1.0	95.6
993	NW_037de	0.375	0.375	0.375	0.375	51.0	0.0	360	1.0	95.6
994	NW_050de	0.5	0.5	0.5	0.5	60.0	0.0	360	1.0	95.6
995	NW_062de	0.625	0.625	0.625	0.625	68.9	0.0	360	1.0	95.6
996	NW_075de	0.75	0.75	0.75	0.75	77.8	0.0	360	1.0	95.6
997	NW_087de	0.875	0.875	0.875	0.875	86.7	0.0	360	1.0	95.6
998	NW_100de	1.0	1.0	1.0	1.0	95.6	0.0	360	1.0	95.6
999	NW_000de	0.0	0.0	0.0	0.0	24.3	0.0	360	1.0	95.6
1000	NW_012de	0.125	0.125	0.125	0.125	33.2	0.0	360	1.0	95.6
1001	NW_025de	0.25	0.25	0.25	0.25	42.1	0.0	360	1.0	95.6
1002	NW_037de	0.375	0.375	0.375	0.375	51.0	0.0	360	1.0	95.6
1003	NW_050de	0.5	0.5	0.5	0.5	60.0	0.0	360	1.0	95.6
1004	NW_062de	0.625	0.625	0.625	0.625	68.9	0.0	360	1.0	95.6
1005	NW_075de	0.75	0.75	0.75	0.75	77.8	0.0	360	1.0	95.6
1006	NW_087de	0.875	0.875	0.875	0.875	86.7	0.0	360	1.0	95.6
1007	NW_100de	1.0	1.0	1.0	1.0	95.6	0.0	360	1.0	95.6
1008	NW_000de	0.0	0.0	0.0	0.0	24.3	0.0	360	1.0	95.6
1009	NW_012de	0.066	0.066	0.066	0.066	29.0	0.0	360	1.0	95.6
1010	NW_013de	0.133	0.133	0.133	0.133	33.8	0.0	360	1.0	95.6
1011	NW_020de	0.2	0.2	0.2	0.2	38.6	0.0	360	1.0	95.6
1012	NW_025de	0.266	0.266	0.266	0.266	43.3	0.0	360	1.0	95.6
1013	NW_033de	0.333	0.333	0.333	0.333	48.1	0.0	360	1.0	95.6
1014	NW_040de	0.4	0.4	0.4	0.4	52.8	0.0	360	1.0	95.6
1015	NW_045de	0.466	0.466	0.466	0.466	57.5	0.0	360	1.0	95.6
1016	NW_053de	0.533	0.533	0.533	0.533	62.3	0.0	360	1.0	95.6
1017	NW_060de	0.6	0.6	0.6	0.6	67.1	0.0	360	1.0	95.6
1018	NW_066de	0.666	0.666	0.666	0.666	71.8	0.0	360	1.0	95.6
1019	NW_073de	0.734	0.734	0.734	0.734	76.6	0.0	360	1.0	95.6
1020	NW_080de	0.8	0.8	0.8	0.8	81.3	0.0	360	1.0	95.6
1021	NW_086de	0.866	0.866	0.866	0.866	86.0	0.0	360	1.0	95.6
1022	NW_093de	0.933	0.933	0.933	0.933	90.8	0.0	360	1.0	95.6
1023	NW_100de	1.0	1.0	1.0	1.0	95.6	0.0	360	1.0	95.6
1024	NW_000de	0.066	0.066	0.066	0.066	29.0	0.0	360	1.0	95.6
1025	NW_013de	0.133	0.133	0.133	0.133	33.8	0.0	360	1.0	95.6
1026	NW_020de	0.2	0.2	0.2	0.2	38.6	0.0	360	1.0	95.6
1027	NW_025de	0.266	0.266	0.266	0.266	43.3	0.0	360	1.0	95.6
1028	NW_033de	0.333	0.333	0.333	0.333	48.1	0.0	360	1.0	95.6
1029	NW_040de	0.4	0.4	0.4	0.4	52.8	0.0	360	1.0	95.6
1030	NW_045de	0.466	0.466	0.466	0.466	57.5	0.0	360	1.0	95.6
1031	NW_053de	0.533	0.533	0.533	0.533	62.3	0.0	360	1.0	95.6
1032	NW_060de	0.6	0.6	0.6	0.6	67.1	0.0	360	1.0	95.6
1033	NW_066de	0.666	0.666	0.666	0.666	71.8	0.0	360	1.0	95.6
1034	NW_073de	0.734	0.734	0.734	0.734	76.6	0.0	360	1.0	95.6
1035	NW_080de	0.8	0.8	0.8	0.8	81.3	0.0	360	1.0	95.6
1036	NW_086de	0.866	0.866	0.866	0.866	86.0	0.0	360	1.0	95.6
1037	NW_093de	0.933	0.933	0.933	0.933	90.8	0.0	360	1.0	95.6
1038	NW_100de	1.0	1.0	1.0	1.0	95.6	0.0	360	1.0	95.6
1039	NW_000de	0.066	0.066	0.066	0.066	29.0	0.0	360	1.0	95.6
1040	NW_013de	0.133	0.133	0.133	0.133	33.8	0.0	360	1.0	95.6
1041	NW_020de	0.2	0.2	0.2	0.2	38.6	0.0	360	1.0	95.6
1042	NW_025de	0.266	0.266	0.266	0.266	43.3	0.0	360	1.0	95.6
1043	NW_033de	0.333	0.333	0.333	0.333	48.1	0.0	360	1.0	95.6
1044	NW_040de	0.4	0.4	0.4	0.4	52.8	0.0	360	1.0	95.6
1045	NW_045de	0.466	0.466	0.466	0.466	57.5	0.0	360	1.0	95.6
1046	NW_053de	0.533	0.533	0.533	0.533	62.3	0.0	360	1.0	95.6
1047	NW_060de	0.6	0.6	0.6	0.6	67.1	0.0	360	1.0	95.6
1048	NW_066de	0.666	0.666	0.666	0.666	71.8	0.0	360	1.0	95.6
1049	NW_073de	0.734	0.734	0.734	0.734	76.6	0.0	360	1.0	95.6
1050	NW_080de	0.8	0.8	0.8	0.8	81.3	0.0	360	1.0	95.6
1051	NW_086de	0.866	0.866	0.866	0.866	86.0	0.0	360	1.0	95.6
1052	NW_093de	0.933	0.933	0.933	0.933	90.8	0.0	360	1.0	95.6

P1880-7N, 32/33-F

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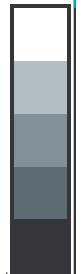
iscrizione TUB: 20150701-PI88/PI88L0FP.PDF /.PS
Application per la misura dell'output output nella stampa di offset, separazione cmy0* (CMY0)

TUB materiale: code=rha4ta
TUB materiale: code=rha4ta



Input: *rgb/cmyk* -> *rgbde*
Output: 3D-linearizzazione a *cmy0** de

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



n	HVC*File	rgb_*File	lcr_*File	hsa_*File	rgb*File	LabCH*File	cmy0*_sep*File	cmyn*_sep*File	rgb*File	hsa*File	rgb*File	LabCH*File	delta
1053	NW_086de	0.866 0.866 0.866	0.866 0.866 0.866	0.866 0.866 0.866	0.866 0.866 0.866	86.6 0.0 0.0	0.0 0.0 0.0	0.0 0.0 0.0	0.0 0.0 0.0	360 360 360	1.0 1.0 1.0	95.6 95.6 95.6	0.0 0.0 0.0
1054	NW_093de	0.933 0.933 0.933	0.933 0.933 0.933	0.933 0.933 0.933	0.933 0.933 0.933	90.8 0.0 0.0	0.0 0.0 0.0	0.0 0.0 0.0	0.0 0.0 0.0	360 360 360	1.0 1.0 1.0	95.6 95.6 95.6	0.0 0.0 0.0
1055	NW_100de	1.0 1.0 1.0	1.0 1.0 1.0	1.0 1.0 1.0	1.0 1.0 1.0	95.6 0.0 0.0	0.0 0.0 0.0	0.0 0.0 0.0	0.0 0.0 0.0	360 360 360	1.0 1.0 1.0	95.6 95.6 95.6	0.0 0.0 0.0
1056	NW_000de	0.0 0.0 0.0	0.0 0.0 0.0	0.0 0.0 0.0	0.0 0.0 0.0	24.3 0.0 0.0	0.0 0.0 0.0	0.0 0.0 0.0	0.0 0.0 0.0	360 360 360	1.0 1.0 1.0	95.6 95.6 95.6	0.0 0.0 0.0
1057	NW_006de	0.066 0.066 0.066	0.066 0.066 0.066	0.066 0.066 0.066	0.066 0.066 0.066	29.0 0.0 0.0	0.0 0.0 0.0	0.0 0.0 0.0	0.0 0.0 0.0	360 360 360	1.0 1.0 1.0	95.6 95.6 95.6	0.0 0.0 0.0
1058	NW_013de	0.133 0.133 0.133	0.133 0.133 0.133	0.133 0.133 0.133	0.133 0.133 0.133	33.8 0.0 0.0	0.0 0.0 0.0	0.0 0.0 0.0	0.0 0.0 0.0	360 360 360	1.0 1.0 1.0	95.6 95.6 95.6	0.0 0.0 0.0
1059	NW_020de	0.2 0.2 0.2	0.2 0.2 0.2	0.2 0.2 0.2	0.2 0.2 0.2	38.6 0.0 0.0	0.0 0.0 0.0	0.0 0.0 0.0	0.0 0.0 0.0	360 360 360	1.0 1.0 1.0	95.6 95.6 95.6	0.0 0.0 0.0
1060	NW_026de	0.266 0.266 0.266	0.266 0.266 0.266	0.266 0.266 0.266	0.266 0.266 0.266	43.3 0.0 0.0	0.0 0.0 0.0	0.0 0.0 0.0	0.0 0.0 0.0	360 360 360	1.0 1.0 1.0	95.6 95.6 95.6	0.0 0.0 0.0
1061	NW_033de	0.333 0.333 0.333	0.333 0.333 0.333	0.333 0.333 0.333	0.333 0.333 0.333	48.1 0.0 0.0	0.0 0.0 0.0	0.0 0.0 0.0	0.0 0.0 0.0	360 360 360	1.0 1.0 1.0	95.6 95.6 95.6	0.0 0.0 0.0
1062	NW_040de	0.4 0.4 0.4	0.4 0.4 0.4	0.4 0.4 0.4	0.4 0.4 0.4	52.8 0.0 0.0	0.0 0.0 0.0	0.0 0.0 0.0	0.0 0.0 0.0	360 360 360	1.0 1.0 1.0	95.6 95.6 95.6	0.0 0.0 0.0
1063	NW_046de	0.466 0.466 0.466	0.466 0.466 0.466	0.466 0.466 0.466	0.466 0.466 0.466	57.5 0.0 0.0	0.0 0.0 0.0	0.0 0.0 0.0	0.0 0.0 0.0	360 360 360	1.0 1.0 1.0	95.6 95.6 95.6	0.0 0.0 0.0
1064	NW_053de	0.533 0.533 0.533	0.533 0.533 0.533	0.533 0.533 0.533	0.533 0.533 0.533	62.3 0.0 0.0	0.0 0.0 0.0	0.0 0.0 0.0	0.0 0.0 0.0	360 360 360	1.0 1.0 1.0	95.6 95.6 95.6	0.0 0.0 0.0
1065	NW_060de	0.6 0.6 0.6	0.6 0.6 0.6	0.6 0.6 0.6	0.6 0.6 0.6	67.1 0.0 0.0	0.0 0.0 0.0	0.0 0.0 0.0	0.0 0.0 0.0	360 360 360	1.0 1.0 1.0	95.6 95.6 95.6	0.0 0.0 0.0
1066	NW_066de	0.666 0.666 0.666	0.666 0.666 0.666	0.666 0.666 0.666	0.666 0.666 0.666	71.8 0.0 0.0	0.0 0.0 0.0	0.0 0.0 0.0	0.0 0.0 0.0	360 360 360	1.0 1.0 1.0	95.6 95.6 95.6	0.0 0.0 0.0
1067	NW_073de	0.734 0.734 0.734	0.734 0.734 0.734	0.734 0.734 0.734	0.734 0.734 0.734	76.6 0.0 0.0	0.0 0.0 0.0	0.0 0.0 0.0	0.0 0.0 0.0	360 360 360	1.0 1.0 1.0	95.6 95.6 95.6	0.0 0.0 0.0
1068	NW_080de	0.8 0.8 0.8	0.8 0.8 0.8	0.8 0.8 0.8	0.8 0.8 0.8	81.3 0.0 0.0	0.0 0.0 0.0	0.0 0.0 0.0	0.0 0.0 0.0	360 360 360	1.0 1.0 1.0	95.6 95.6 95.6	0.0 0.0 0.0
1069	NW_086de	0.866 0.866 0.866	0.866 0.866 0.866	0.866 0.866 0.866	0.866 0.866 0.866	86.0 0.0 0.0	0.0 0.0 0.0	0.0 0.0 0.0	0.0 0.0 0.0	360 360 360	1.0 1.0 1.0	95.6 95.6 95.6	0.0 0.0 0.0
1070	NW_093de	0.933 0.933 0.933	0.933 0.933 0.933	0.933 0.933 0.933	0.933 0.933 0.933	90.8 0.0 0.0	0.0 0.0 0.0	0.0 0.0 0.0	0.0 0.0 0.0	360 360 360	1.0 1.0 1.0	95.6 95.6 95.6	0.0 0.0 0.0
1071	NW_100de	1.0 1.0 1.0	1.0 1.0 1.0	1.0 1.0 1.0	1.0 1.0 1.0	95.6 0.0 0.0	0.0 0.0 0.0	0.0 0.0 0.0	0.0 0.0 0.0	360 360 360	1.0 1.0 1.0	95.6 95.6 95.6	0.0 0.0 0.0
1072	NW_000de	0.0 0.0 0.0	0.0 0.0 0.0	0.0 0.0 0.0	0.0 0.0 0.0	24.3 0.0 0.0	0.0 0.0 0.0	0.0 0.0 0.0	0.0 0.0 0.0	360 360 360	1.0 1.0 1.0	95.6 95.6 95.6	0.0 0.0 0.0
1073	ROY_100_100de	1.0 1.0 1.0	1.0 1.0 1.0	1.0 1.0 1.0	1.0 1.0 1.0	95.6 0.0 0.0	0.0 0.0 0.0	0.0 0.0 0.0	0.0 0.0 0.0	360 360 360	1.0 1.0 1.0	95.6 95.6 95.6	0.0 0.0 0.0
1074	ROY_100_100de	1.0 1.0 1.0	1.0 1.0 1.0	1.0 1.0 1.0	1.0 1.0 1.0	95.6 0.0 0.0	0.0 0.0 0.0	0.0 0.0 0.0	0.0 0.0 0.0	360 360 360	1.0 1.0 1.0	95.6 95.6 95.6	0.0 0.0 0.0
1075	G50B_100_100de	0.0 1.0 1.0	0.0 1.0 1.0	0.0 1.0 1.0	0.0 1.0 1.0	45.6 27.2 34.4	0.0 0.0 0.0	0.0 0.0 0.0	0.0 0.0 0.0	375 375 375	1.0 0.0 0.254	45.6 27.2 34.4	80.0 25.4 216.9
1076	Y06B_100_100de	1.0 0.0 0.0	1.0 0.0 0.0	1.0 0.0 0.0	1.0 0.0 0.0	55.0 -36.2 -36.2	0.0 0.0 0.0	0.0 0.0 0.0	0.0 0.0 0.0	83 83 83	0.0 0.878 0.0	55.0 -36.2 -36.2	45.3 90.4 92.3
1077	B06B_100_100de	0.0 1.0 0.0	0.0 1.0 0.0	0.0 1.0 0.0	0.0 1.0 0.0	40.2 -48.6 -48.6	0.0 0.0 0.0	0.0 0.0 0.0	0.0 0.0 0.0	156 156 156	0.0 0.488 0.0	40.2 -48.6 -48.6	40.6 19.7 161.7
1078	B06B_100_100de	0.0 1.0 0.0	0.0 1.0 0.0	0.0 1.0 0.0	0.0 1.0 0.0	50.6 -47.1 -47.1	0.0 0.0 0.0	0.0 0.0 0.0	0.0 0.0 0.0	288 288 288	0.0 0.151 0.0	50.6 -47.1 -47.1	50.6 19.7 161.7
1079	B50B_100_100de	1.0 0.0 1.0	1.0 0.0 1.0	1.0 0.0 1.0	1.0 0.0 1.0	31.1 47.7 47.7	0.0 0.0 0.0	0.0 0.0 0.0	0.0 0.0 0.0	288 288 288	0.321 0.0 1.0	31.1 47.7 47.7	55.9 328.6 328.6