

Immettere y uscita: Printer Reflective System FRS06a

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

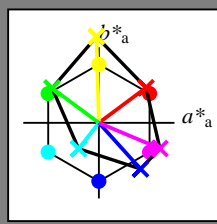
HIC*

codice di tonalità per i colori questa pagina:

H*_ = R00Y_, R25Y_, ..., B75R_

ORS20a; dati atti CIELAB (a)

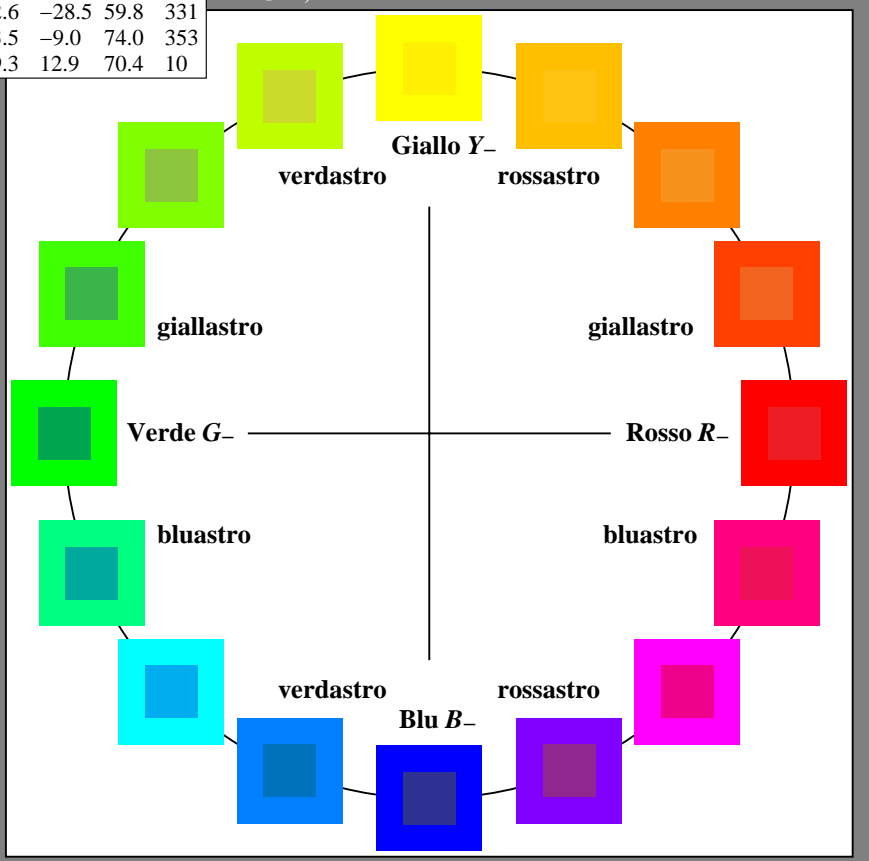
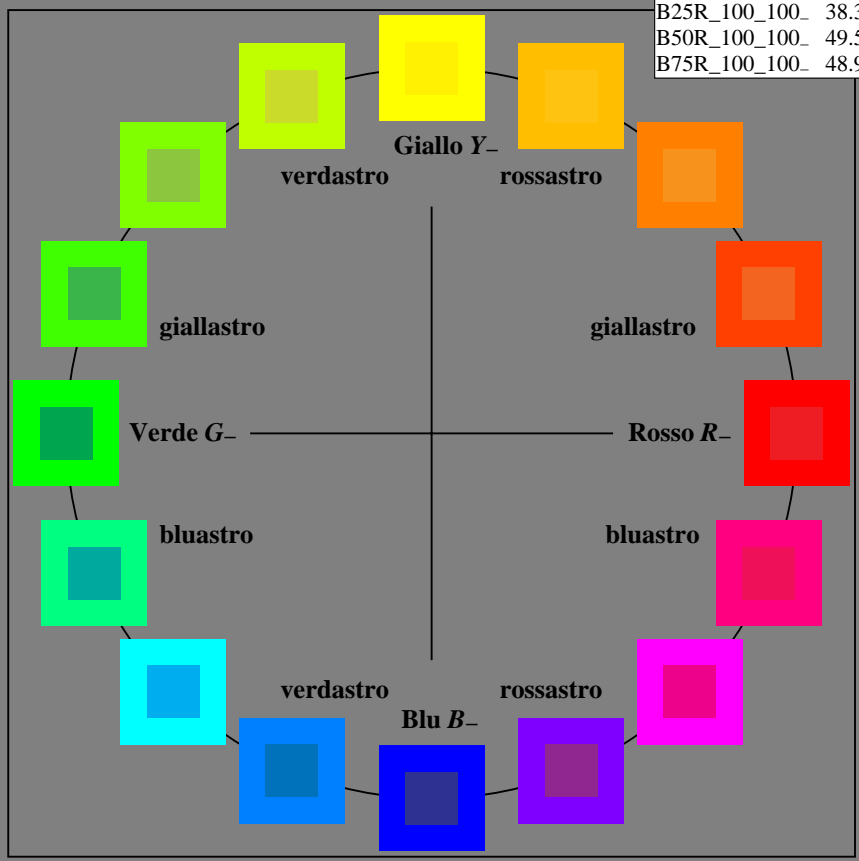
H*_	L*=L*_a a*_a	b*_a	C*_ab,a	h*_ab,a	
R00Y_100_100_	48.4	66.1	40.2	77.3	31
R25Y_100_100_	56.8	48.0	50.5	69.6	46
R50Y_100_100_	68.6	25.0	63.9	68.6	68
R75Y_100_100_	80.6	4.8	77.2	77.3	86
Y00G_100_100_	90.2	-9.6	88.2	88.7	96
Y25G_100_100_	83.2	-18.4	79.9	81.9	102
Y50G_100_100_	73.3	-31.7	62.7	70.2	116
Y75G_100_100_	62.0	-49.7	43.2	65.8	139
G00B_100_100_	55.8	-65.2	33.8	73.4	152
G25B_100_100_	59.3	-50.3	-9.0	51.0	190
G50B_100_100_	63.0	-30.5	-42.0	51.9	234
G75B_100_100_	45.7	-5.7	-44.6	44.9	262
B00R_100_100_	27.5	25.9	-47.3	53.9	298
B25R_100_100_	38.3	52.6	-28.5	59.8	331
B50R_100_100_	49.5	73.5	-9.0	74.0	353
B75R_100_100_	48.9	69.3	12.9	70.4	10



%Gamma
u*rel = 114
%Regularità
g*H,rel = 28
g*C,rel = 38

FRS06a; dati atti CIELAB (a)

name	L*=L*_a a*_a	b*_a	C*_ab,a	h*_ab,a	
R_ Ma	32.5	62.3	46.4	77.7	36
Y_ Ma	82.7	-3.1	113.9	114.0	91
G_ Ma	39.4	-61.8	45.8	76.9	143
C_ Ma	47.8	-26.8	-34.2	43.4	231
B_ Ma	10.1	55.1	-61.0	82.2	312
M_ Ma	34.5	80.6	-33.9	87.5	337
N_ Ma	6.2	0.0	0.0	0.0	0
W_ Ma	91.9	0.0	0.0	0.0	0
R_ CIE	39.9	58.7	27.9	65.0	25
Y_ CIE	81.2	-2.8	71.5	71.6	92
G_ CIE	52.2	-42.4	13.6	44.5	162
B_ CIE	30.5	1.4	-46.4	46.4	271



vedi file simili: http://farbe.li.tu-berlin.de/PI89/PI89.HTM
informazioni tecniche: http://www.ps.bam.de o http://130.149.60.45/~farbmetrik

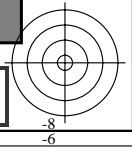
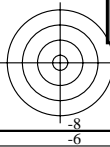
iscrizione TUB: 20150701-PI89/PI89L0FP.PDF /.PS
Applicazione per la misura dell'output della stampante laser

TUB materiale: code=rh4ta

4-103030-L0 PI890-7N

grafico TUB-PI89; cerchio delle tinte a 16 passi
grafico conformemente a DIN 33872, 3D=1, de=0, cmyk*

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



Immettere y uscita: Printer Reflective System FRS06a

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

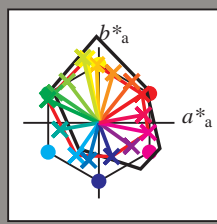
HIC^*_d

codice di tonalità per i colori questa pagina:

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

LRS18a; dati atti CIELAB (a)

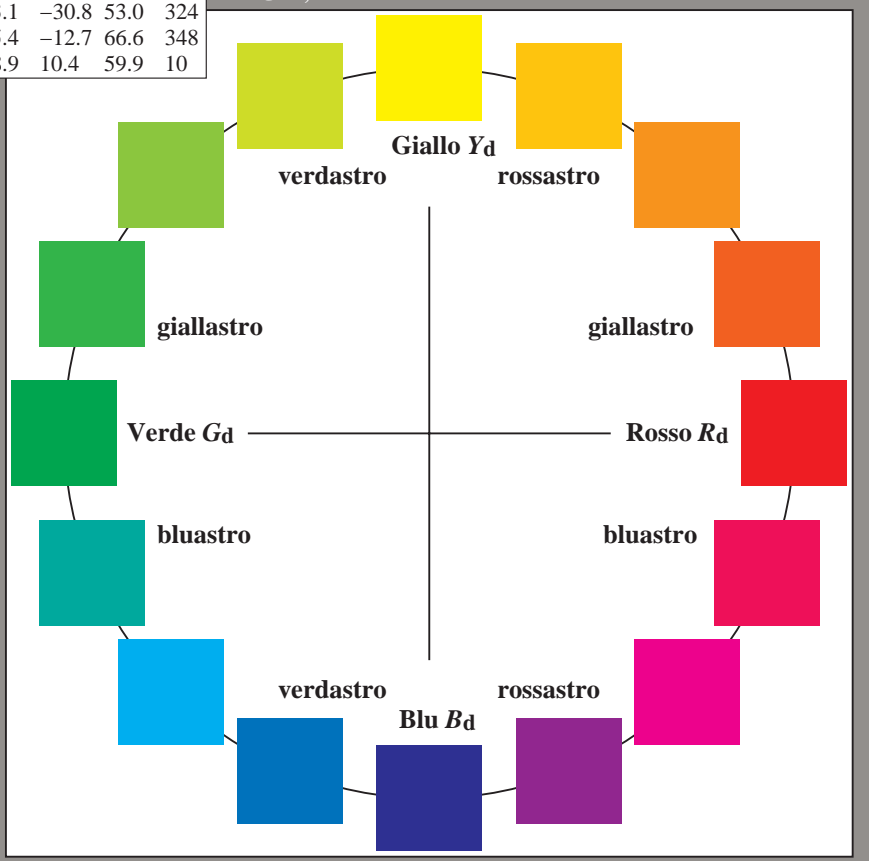
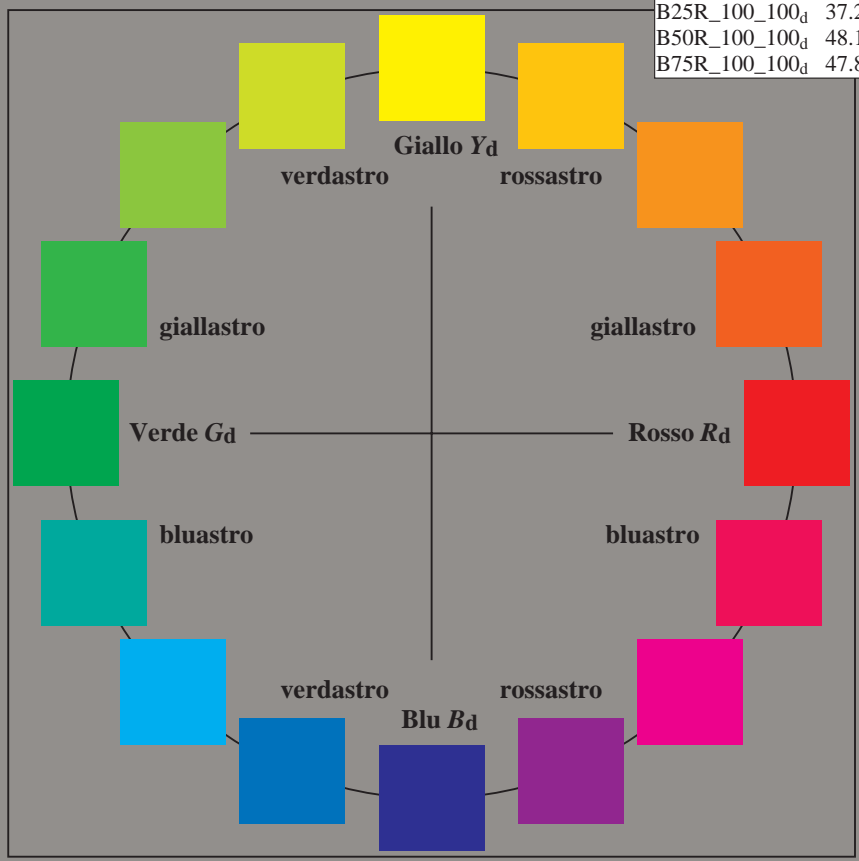
H^*_d	$L^*=L^*_a a^*_a$	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	
R00Y_100_100_d	47.5	57.2	37.8	68.6	33
R25Y_100_100_d	57.4	43.5	54.5	69.7	51
R50Y_100_100_d	70.5	19.2	66.2	69.0	73
R75Y_100_100_d	83.5	-2.9	76.8	76.9	92
Y00G_100_100_d	91.5	-15.8	84.6	86.1	100
Y25G_100_100_d	90.4	-20.9	86.5	89.0	103
Y50G_100_100_d	70.9	-41.7	54.8	68.9	127
Y75G_100_100_d	60.1	-57.9	39.6	70.2	145
G00B_100_100_d	54.3	-67.6	30.8	74.3	155
G25B_100_100_d	55.0	-51.4	-8.9	52.2	189
G50B_100_100_d	53.1	-30.0	-43.1	52.5	235
G75B_100_100_d	46.1	-13.3	-49.4	51.1	254
B00R_100_100_d	32.5	16.9	-44.6	47.7	290
B25R_100_100_d	37.2	43.1	-30.8	53.0	324
B50R_100_100_d	48.1	65.4	-12.7	66.6	348
B75R_100_100_d	47.8	58.9	10.4	59.9	10



%Gamma
 $u^*_{rel} = 114$
 %Regularità
 $g^*_H,rel = 28$
 $g^*_C,rel = 38$

LRS18a; dati atti CIELAB (a)

name	$L^*=L^*_a a^*_a$	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	
R _{d, Ma}	47.5	57.2	37.8	68.6	33
Y _{d, Ma}	91.5	-15.8	84.6	86.1	100
G _{d, Ma}	54.3	-67.6	30.8	74.3	155
C _{d, Ma}	53.1	-30.0	-43.1	52.5	235
B _{d, Ma}	32.5	16.9	-44.6	47.7	290
M _{d, Ma}	48.1	65.4	-12.7	66.6	348
N _{d, Ma}	23.8	0.0	0.0	0.0	0
W _{d, Ma}	95.8	0.0	0.0	0.0	0
R _{d, CIE}	39.9	58.7	27.9	65.0	25
Y _{d, CIE}	81.2	-2.8	71.5	71.6	92
G _{d, CIE}	52.2	-42.4	13.6	44.5	162
B _{d, CIE}	30.5	1.4	-46.4	46.4	271



vedi file simili: <http://farbe.li.tu-berlin.de/PI89/PI89L0FP.PDF> / .PS; linearizzazione 3D
informazioni tecniche: <http://www.ps.bam.de> o <http://130.149.60.45/~farbmetrik>

iscrizione TUB: 20150701-PI89/PI89L0FP.PDF / .PS
Applicazione per la misura dell'output della stampante laser, separazione cmyk* (CMYK)

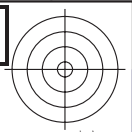
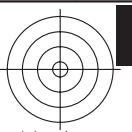
TUB materiale: code=rh4ta

4-103130-L0 PI890-72

grafico TUB-PI89; cerchio delle tinte a 16 passi
grafico conformemente a DIN 33872, 3D=1, de=0, cmyk*

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

4-103130-F0



vedi file simili: <http://farbe.li.tu-berlin.de/PI89/PI89.HTM>
informazioni tecniche: <http://www.ps.bam.de> o <http://130.149.60.45/~farbmetrik>

iscrizione TUB: 20150701-PI89/PI89L0FP.PDF /.PS
TUB materiale: code=rh4ta
Applicazione per la misura dell'output della stampante laser, separazione $cmyn6^*$ (CMYK)

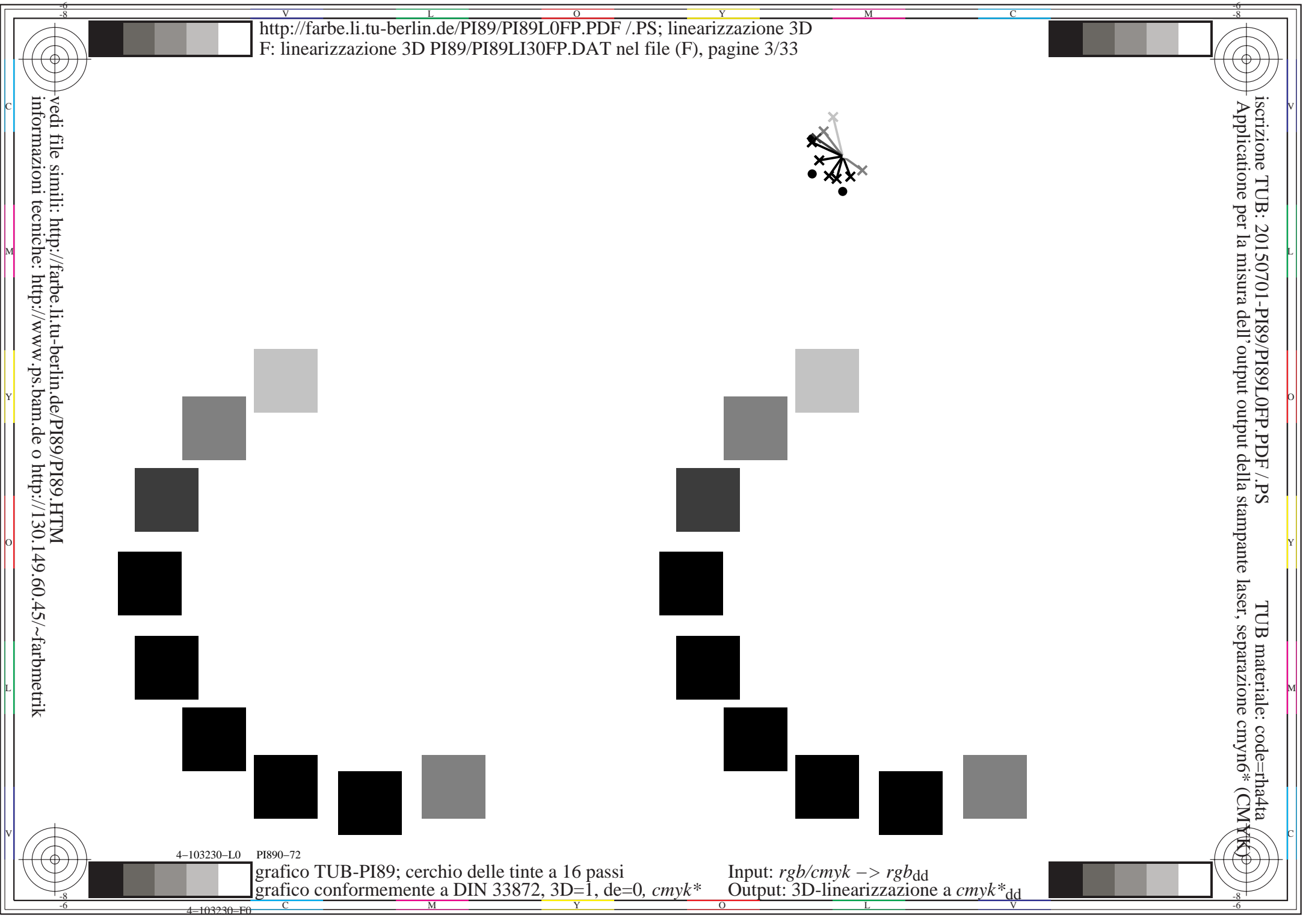


4-103230-L0 PI890-72

grafico TUB-PI89; cerchio delle tinte a 16 passi
grafico conformemente a DIN 33872, 3D=1, de=0, $cmyn6^*$

Input: $rgb/cmyk \rightarrow rgb_{dd}$
Output: 3D-linearizzazione a $cmyn6^*_{dd}$

4-103230-F0



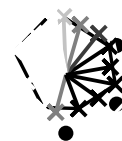
Immettere y uscita: Printer Reflective System FRS06a

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

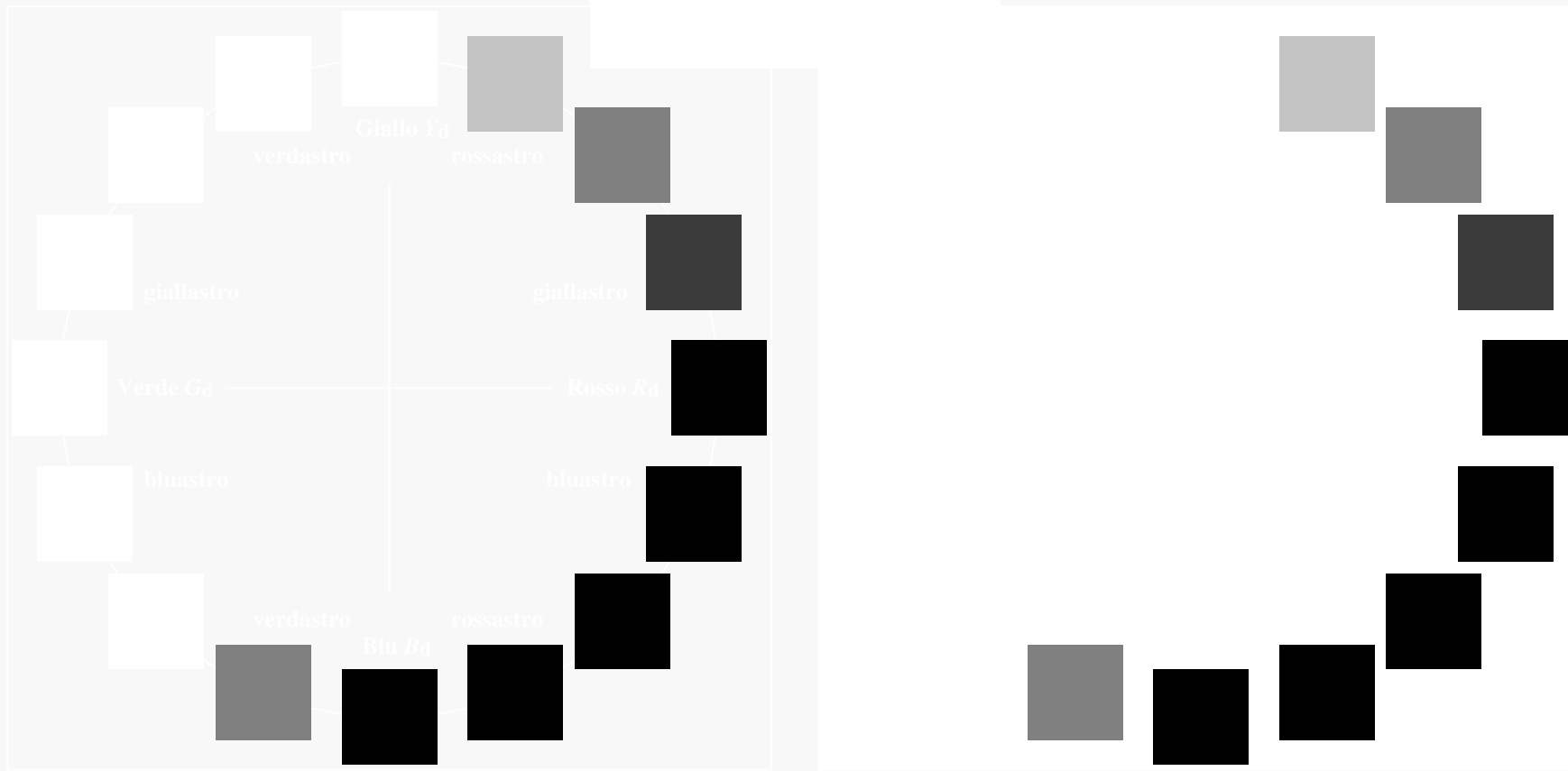
HIC^*_d

codice di tonalità per i colori
questa pagina:

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



%Gamma
 $u^*_{rel} = 114$
%Regularità
 $g^*_{H,rel} = 28$
 $g^*_{C,rel} = 38$



vedi file simili: <http://farbe.li.tu-berlin.de/PI89/PI89.HTM>
informazioni tecniche: <http://www.ps.bam.de> o <http://130.149.60.45/~farbmetrik>

iscrizione TUB: 20150701-PI89/PI89L0FP.PDF /.PS
Applicazione per la misura dell'output della stampante laser, separazione cmyk* (CMYK)

TUB materiale: code=rh4ta

4-103330-L0 PI890-72

grafico TUB-PI89; cerchio delle tinte a 16 passi
grafico conformemente a DIN 33872, 3D=1, de=0, cmyk*

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

4-103330-F0

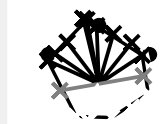
Immettere y uscita: Printer Reflective System FRS06a

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

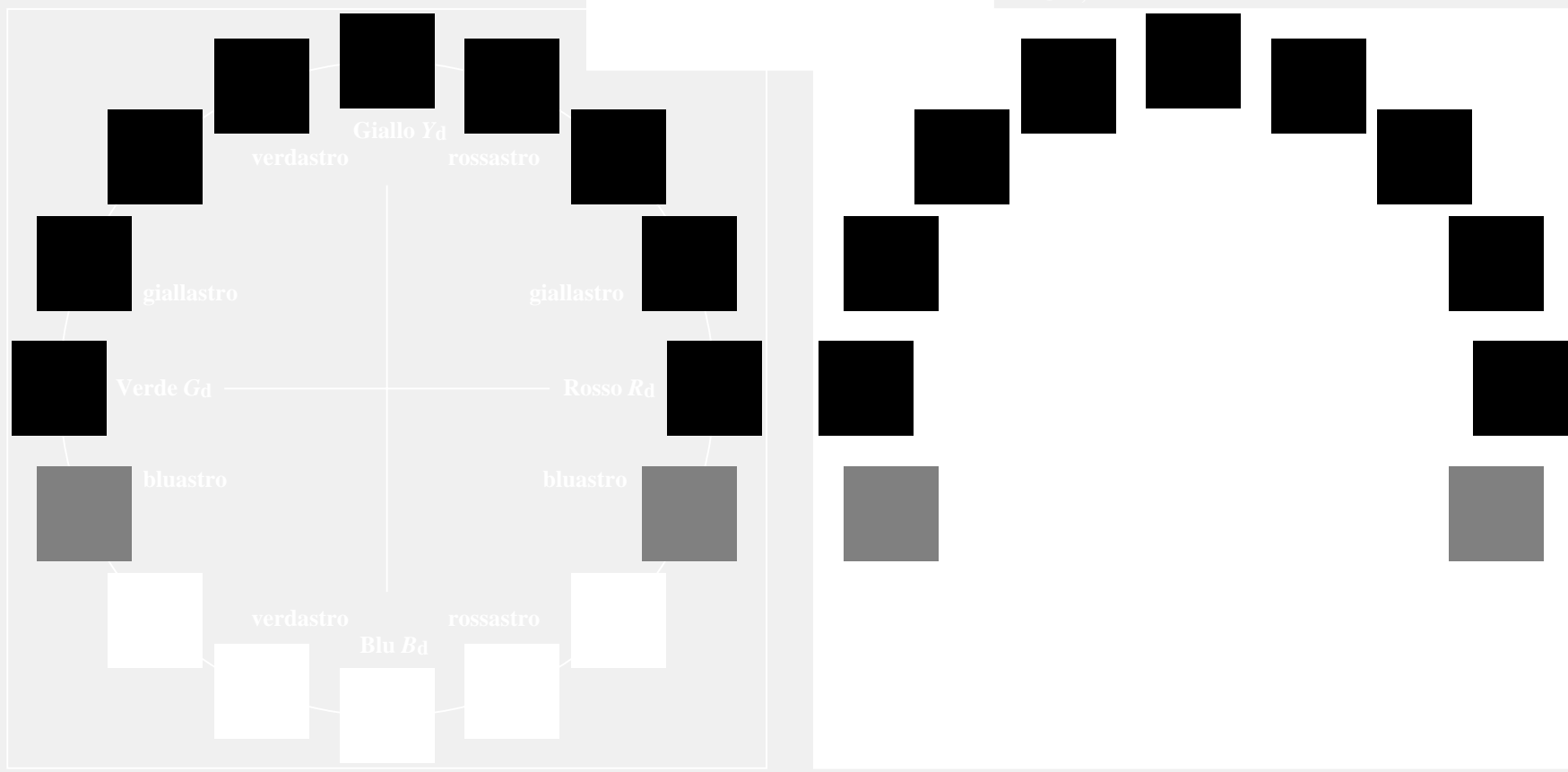
HIC^*_d

codice di tonalità per i colori
questa pagina:

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



%Gamma
 $u^*_{rel} = 114$
%Regularità
 $g^*_{H,rel} = 28$
 $g^*_{C,rel} = 38$



vedi file simili: <http://farbe.li.tu-berlin.de/PI89/PI89.HTM>
informazioni tecniche: <http://www.ps.bam.de> o <http://130.149.60.45/~farbmetrik>

iscrizione TUB: 20150701-PI89/PI89L0FP.PDF /.PS
Applicazione per la misura dell'output della stampante laser, separazione $cmyn6^*$ (CMYK)

TUB materiale: code=rh4ta

4-103430-L0 PI890-72

4-103430-F0

Immettere y uscita: Printer Reflective System FRS06a

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

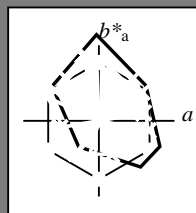
HIC^*_d

codice di tonalità per i colori
 questa pagina:

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

LRS18a; dati atti CIELAB (a)

H^*_d	$L^*=L^*_a a^*_a$	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	
R00Y_100_100_d	47.5	57.2	37.8	68.6	33
R25Y_100_100_d	57.4	43.5	54.5	69.7	51
R50Y_100_100_d	70.5	19.2	66.2	69.0	73
R75Y_100_100_d	83.5	-2.9	76.8	76.9	92
Y00G_100_100_d	91.5	-15.8	84.6	86.1	100
Y25G_100_100_d	90.4	-20.9	86.5	89.0	103
Y50G_100_100_d	70.9	-41.7	54.8	68.9	127
Y75G_100_100_d	60.1	-57.9	39.6	70.2	145
G00B_100_100_d	54.3	-67.6	30.8	74.3	155
G25B_100_100_d	55.0	-51.4	-8.9	52.2	189
G50B_100_100_d	53.1	-30.0	-43.1	52.5	235
G75B_100_100_d	46.1	-13.3	-49.4	51.1	254
B00R_100_100_d	32.5	16.9	-44.6	47.7	290
B25R_100_100_d	37.2	43.1	-30.8	53.0	324
B50R_100_100_d	48.1	65.4	-12.7	66.6	348
B75R_100_100_d	47.8	58.9	10.4	59.9	10



%Gamma

$u^*_{rel} = 114$

%Regularità

$g^*_{H,rel} = 28$

$g^*_{C,rel} = 38$

LRS18a; dati atti CIELAB (a)

name	$L^*=L^*_a a^*_a$	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	
R _{d, Ma}	47.5	57.2	37.8	68.6	33
Y _{d, Ma}	91.5	-15.8	84.6	86.1	100
G _{d, Ma}	54.3	-67.6	30.8	74.3	155
C _{d, Ma}	53.1	-30.0	-43.1	52.5	235
B _{d, Ma}	32.5	16.9	-44.6	47.7	290
M _{d, Ma}	48.1	65.4	-12.7	66.6	348
N _{d, Ma}	23.8	0.0	0.0	0.0	0
W _{d, Ma}	95.8	0.0	0.0	0.0	0
R _{d, CIE}	39.9	58.7	27.9	65.0	25
Y _{d, CIE}	81.2	-2.8	71.5	71.6	92
G _{d, CIE}	52.2	-42.4	13.6	44.5	162
B _{d, CIE}	30.5	1.4	-46.4	46.4	271

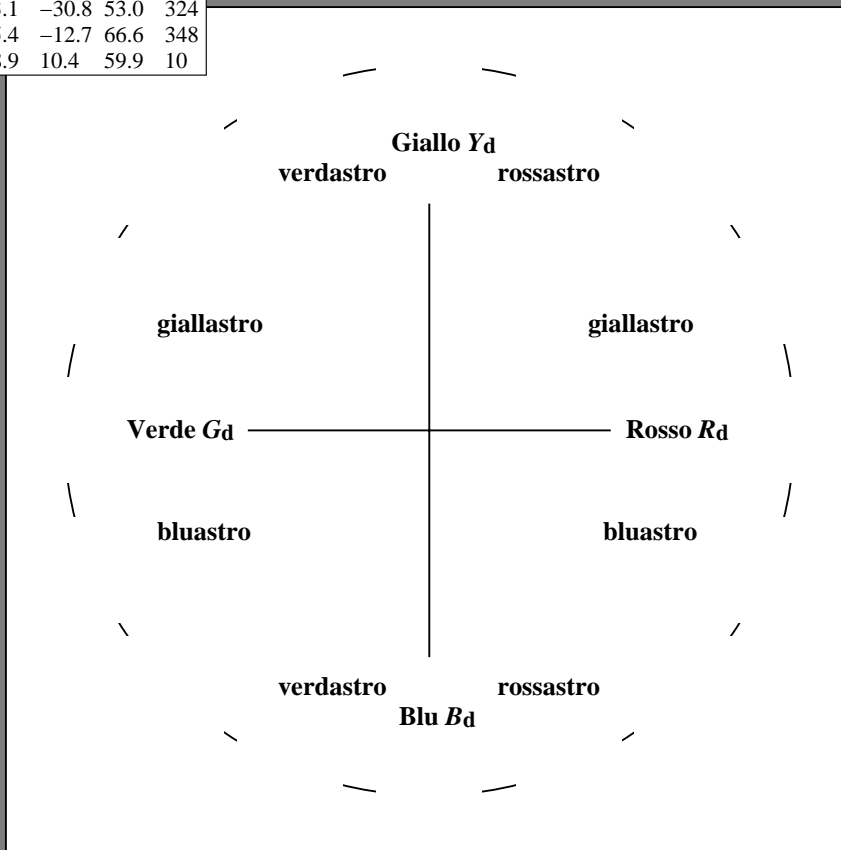
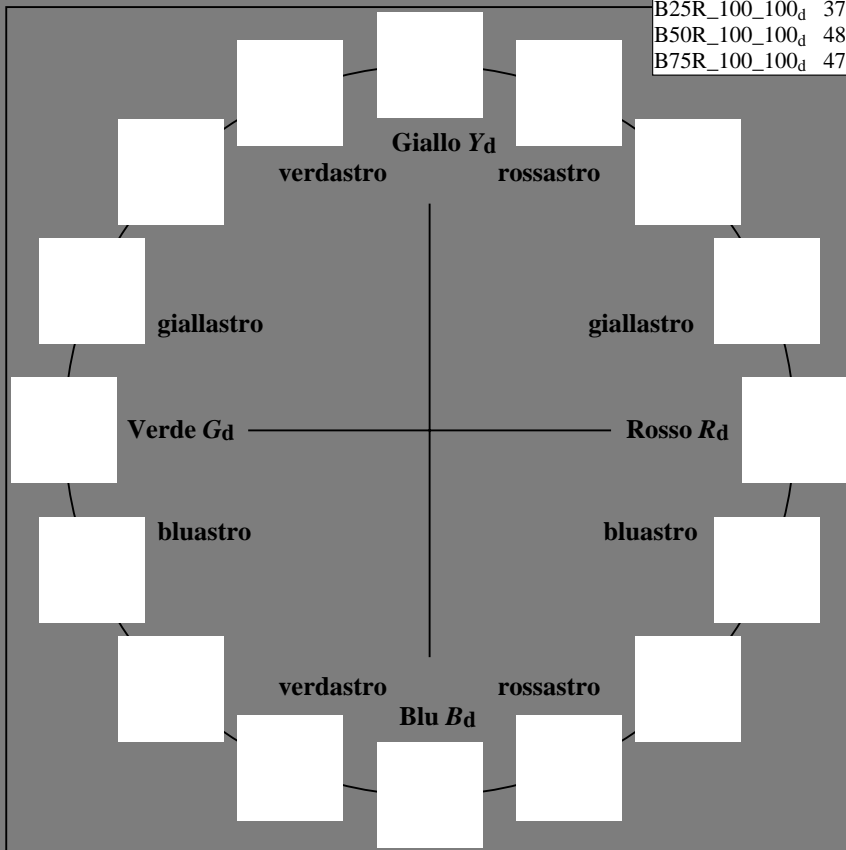


grafico TUB-PI89; cerchio delle tinte a 16 passi
 grafico conformemente a DIN 33872, 3D=1, de=0, $cm\dot{y}k^*$

Input: $rgb/cmyk \rightarrow rgb_{dd}$
 Output: 3D-linearizzazione a $cm\dot{y}k^*_{dd}$

vedi file simili: <http://farbe.li.tu-berlin.de/PI89/PI89L0FP.PDF> / .PS
 informazioni tecniche: <http://www.ps.bam.de> o <http://130.149.60.45/~farbmetrik>

iscrizione TUB: 20150701-PI89/PI89L0FP.PDF / .PS
 Applicazione per la misura dell'output della stampante laser, separazione $cm\dot{y}n6^*$ (CMYK)

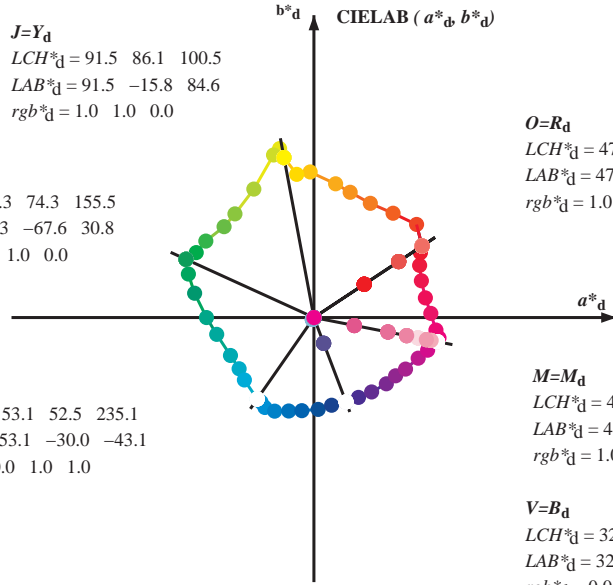
TUB materiale: code=rh4ta

Data of Maximum color M in colorimetric system Laser printer output; separation cmy⁶, 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: $h_{ab,d} = 33.5, 100.6, 155.5, 235.2, 290.8, 348.9$; Six hue angles of the elementary colours RYGBM_e: $h_{ab,e} = 25.5, 92.3, 162.2, 217.0, 271.7, 328.6$

$J=Y_d$
 $LCH^*_d = 91.5 \ 86.1 \ 100.5$
 $LAB^*_d = 91.5 \ -15.8 \ 84.6$
 $rgb^*_d = 1.0 \ 1.0 \ 0.0$

$L=G_d$
 $LCH^*_d = 54.3 \ 74.3 \ 155.5$
 $LAB^*_d = 54.3 \ -67.6 \ 30.8$
 $rgb^*_d = 0.0 \ 1.0 \ 0.0$

$C=C_d$
 $LCH^*_d = 53.1 \ 52.5 \ 235.1$
 $LAB^*_d = 53.1 \ -30.0 \ -43.1$
 $rgb^*_d = 0.0 \ 1.0 \ 1.0$



$O=R_d$
 $LCH^*_d = 47.5 \ 68.6 \ 33.4$
 $LAB^*_d = 47.5 \ 57.2 \ 37.8$
 $rgb^*_d = 1.0 \ 0.0 \ 0.0$

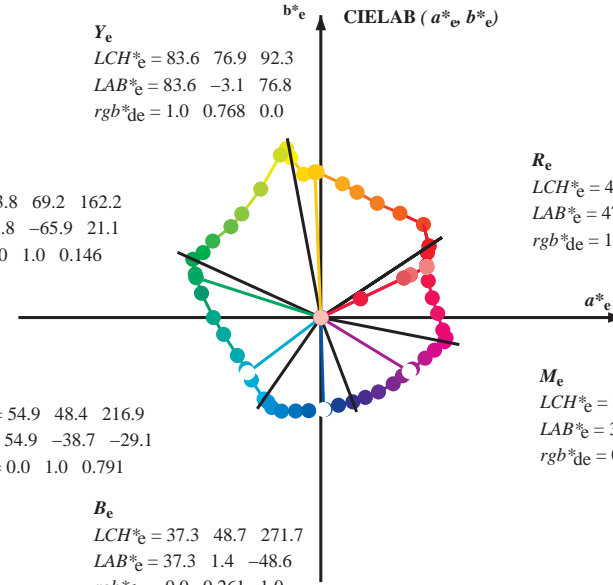
$M=M_d$
 $LCH^*_d = 48.1 \ 66.6 \ 348.9$
 $LAB^*_d = 48.1 \ 65.4 \ -12.7$
 $rgb^*_d = 1.0 \ 0.0 \ 1.0$

$V=B_d$
 $LCH^*_d = 32.5 \ 47.7 \ 290.8$
 $LAB^*_d = 32.5 \ 16.9 \ -44.6$
 $rgb^*_d = 0.0 \ 0.0 \ 1.0$

Y_e
 $LCH^*_e = 83.6 \ 76.9 \ 92.3$
 $LAB^*_e = 83.6 \ -3.1 \ 76.8$
 $rgb^*_{de} = 1.0 \ 0.768 \ 0.0$

G_e
 $LCH^*_e = 53.8 \ 69.2 \ 162.2$
 $LAB^*_e = 53.8 \ -65.9 \ 21.1$
 $rgb^*_{de} = 0.0 \ 1.0 \ 0.146$

C_e
 $LCH^*_e = 54.9 \ 48.4 \ 216.9$
 $LAB^*_e = 54.9 \ -38.7 \ -29.1$
 $rgb^*_{de} = 0.0 \ 1.0 \ 0.791$



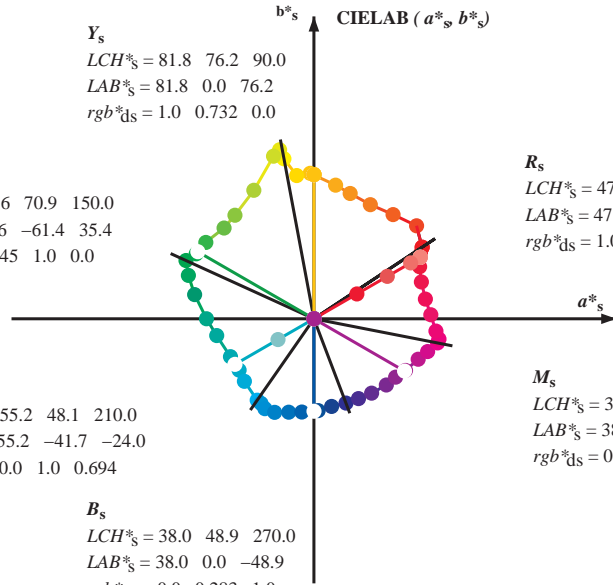
R_e
 $LCH^*_e = 47.5 \ 62.1 \ 25.4$
 $LAB^*_e = 47.5 \ 56.0 \ 26.7$
 $rgb^*_{de} = 1.0 \ 0.0 \ 0.263$

M_e
 $LCH^*_e = 38.5 \ 54.7 \ 328.6$
 $LAB^*_e = 38.5 \ 46.7 \ -28.5$
 $rgb^*_{de} = 0.584 \ 0.0 \ 1.0$

B_e
 $LCH^*_e = 37.3 \ 48.7 \ 271.7$
 $LAB^*_e = 37.3 \ 1.4 \ -48.6$
 $rgb^*_{de} = 0.0 \ 0.261 \ 1.0$

Y_s
 $LCH^*_s = 81.8 \ 76.2 \ 90.0$
 $LAB^*_s = 81.8 \ 0.0 \ 76.2$
 $rgb^*_{ds} = 1.0 \ 0.732 \ 0.0$

G_s
 $LCH^*_s = 57.6 \ 70.9 \ 150.0$
 $LAB^*_s = 57.6 \ -61.4 \ 35.4$
 $rgb^*_{ds} = 0.145 \ 1.0 \ 0.0$



R_s
 $LCH^*_s = 47.6 \ 65.0 \ 30.0$
 $LAB^*_s = 47.6 \ 56.3 \ 32.5$
 $rgb^*_{ds} = 1.0 \ 0.0 \ 0.157$

M_s
 $LCH^*_s = 38.9 \ 55.3 \ 330.0$
 $LAB^*_s = 38.9 \ 47.9 \ -27.6$
 $rgb^*_{ds} = 0.612 \ 0.0 \ 1.0$

B_s
 $LCH^*_s = 38.0 \ 48.9 \ 270.0$
 $LAB^*_s = 38.0 \ 0.0 \ -48.9$
 $rgb^*_{ds} = 0.0 \ 0.283 \ 1.0$

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

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

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

$h_{ab,s}$

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

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

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

$h_{ab,e}$

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

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

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

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

rgb^*_d

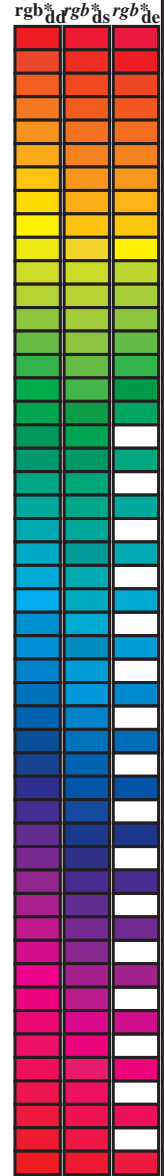
Data of maximum color M in colorimetric system Laser printer output; separation cmy6*, D65 for input or output; Six hue angles of the 60 degree standard colours RYGBM₆; h_{ab,ds} = 30.0, 90.0, 150.0, 210.0, 270.0, 330.0;

Six hue angles of the device colours RYGBM_d; h_{ab,d} = 33.5, 100.6, 155.5, 235.2, 290.8, 348.9; 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 ^a _{dd}	rgb ^a _{ds}	rgb ^a _{de}	LAB* _{ddx64M}	LAB* _{ddx64M} (x=LabCh)	rgb ^a _{ddx361M}	LAB* _{ddx361M}	LAB* _{ddx361M} (x=LabCh)	rgb ^a _{dsx361M}	LAB* _{dsx361M}	LAB* _{dsx361M} (x=LabCh)	rgb ^a _{dex361M}	LAB* _{dex361M}	LAB* _{dex361M} (x=LabCh)				
33.4	30.0	25.4	1.0	0.0	0.0	47.5	57.2 37.8 68.6 33.4	1.0	0.0	0.0	47.6	57.2 37.9 68.6 33	1.0	0.0	0.158 47.7	56.3 32.5 65.0 30	1.0	0.0	0.263 47.6	56.1 26.7 62.1 25
42.1	37.5	33.8	1.0	0.125	0.0	51.9	54.3 49.2 73.2 42.1	1.0	0.117	0.0	51.7	54.6 48.5 73.0 41	1.0	0.05	0.0	49.4 56.3 42.4 70.5 37	1.0	0.0	0.012 47.6	57.2 37.5 68.4 33
52.8	45.0	42.1	1.0	0.25	0.0	58.2	41.8 55.1 69.2 52.8	1.0	0.25	0.0	58.3	41.8 55.2 69.2 52	1.0	0.158	0.0	53.6 51.1 51.1 72.2 45	1.0	0.125	0.0	52.0 54.3 49.2 73.3 42
63.7	52.5	50.5	1.0	0.375	0.0	64.6	29.8 60.4 67.3 63.7	1.0	0.367	0.0	64.2	30.6 60.1 67.5 63	1.0	0.24	0.0	57.8 42.8 54.8 69.6 52	1.0	0.216	0.0	56.6 45.2 53.9 70.3 49
73.8	60.0	58.8	1.0	0.5	0.0	70.5	19.2 66.2 69.0 73.8	1.0	0.5	0.0	70.5	19.2 66.3 69.0 73	1.0	0.332	0.0	62.5 34.0 58.9 68.0 60	1.0	0.32	0.0	61.8 35.2 58.4 68.2 58
80.7	67.5	67.2	1.0	0.625	0.0	74.9	11.4 70.7 71.6 80.7	1.0	0.617	0.0	74.6	12.0 70.5 71.5 80	1.0	0.416	0.0	66.6 26.5 62.5 67.9 67	1.0	0.412	0.0	66.4 26.9 62.3 67.9 66
91.5	75.0	75.6	1.0	0.75	0.0	82.9	-2.0 76.9 77.0 91.5	1.0	0.75	0.0	83.0	-1.9 77.0 77.0 -268	1.0	0.521	0.0	71.3 18.0 67.1 69.5 75	1.0	0.532	0.0	71.6 17.3 67.5 69.7 75
96.8	82.5	83.9	1.0	0.875	0.0	87.6	-9.0 75.7 76.3 96.8	1.0	0.867	0.0	87.3	-8.5 75.9 76.4 96	1.0	0.639	0.0	75.8 10.1 71.6 72.3 82	1.0	0.655	0.0	76.9 8.4 72.5 73.0 83
100.5	90.0	92.3	1.0	1.0	0.0	91.5	-15.8 84.6 86.1 100.5	1.0	1.0	0.0	91.6	-15.7 84.7 86.2 100	1.0	0.732	0.0	81.8 0.0 76.3 76.3 90	1.0	0.769	0.0	83.7 -3.0 76.8 76.9 92
101.4	97.5	101.0	0.875	1.0	0.0	92.8	-18.1 89.4 91.2 101.4	0.883	1.0	0.0	92.7	-17.9 89.1 90.9 101	1.0	0.88	0.0	87.8 -9.3 76.2 76.7 97	1.0	0.996	0.0	91.5 -15.5 84.4 85.8 100
103.9	105.0	109.7	0.75	1.0	0.0	90.1	-21.3 86.0 88.6 103.9	0.75	1.0	0.0	90.1	-21.3 86.0 88.7 103	0.738	1.0	0.0	89.2 -22.5 84.4 87.4 105	0.684	1.0	0.0	84.7 -27.5 76.7 81.5 109
115.0	112.5	118.5	0.625	1.0	0.0	79.9	-31.7 67.9 75.0 115.0	0.633	1.0	0.0	80.6	-31.1 69.2 75.9 114	0.659	1.0	0.0	82.7 -29.4 73.0 78.8 112	0.595	1.0	0.0	77.8 -34.4 65.0 73.6 117
127.3	120.0	127.2	0.5	1.0	0.0	70.9	-41.7 54.8 68.9 127.3	0.5	1.0	0.0	71.0	-41.7 54.8 68.9 127	0.574	1.0	0.0	76.3 -36.2 62.8 72.6 120	0.501	1.0	0.0	71.0 -41.6 54.9 68.9 127
134.7	127.5	136.0	0.375	1.0	0.0	66.5	-47.5 48.0 67.6 134.7	0.383	1.0	0.0	66.9	-47.1 48.5 67.7 134	0.503	1.0	0.0	71.2 -41.5 55.2 69.1 127	0.366	1.0	0.0	66.2 -48.2 47.6 67.8 135
144.7	135.0	144.7	0.25	1.0	0.0	60.6	-57.2 40.4 70.1 144.7	0.25	1.0	0.0	60.6	-57.2 40.5 70.1 144	0.372	1.0	0.0	66.4 -47.8 47.9 67.7 135	0.25	1.0	0.0	60.6 -57.1 40.5 70.1 144
151.0	142.5	153.4	0.125	1.0	0.0	57.0	-62.2 34.4 71.1 151.0	0.133	1.0	0.0	57.3	-61.8 34.8 71.0 150	0.284	1.0	0.0	62.3 -54.6 42.7 69.4 142	0.073	1.0	0.0	55.9 -64.4 33.0 72.5 152
155.5	150.0	162.2	0.0	1.0	0.0	54.3	-67.6 30.8 74.3 155.5	0.0	1.0	0.0	54.3	-67.6 30.8 74.4 155	0.146	1.0	0.0	57.6 -61.3 35.5 70.9 150	0.0	1.0	0.147	53.8 -65.9 21.1 69.3 162
160.8	157.5	169.0	0.0	1.0	0.125	53.8	-66.4 23.0 70.2 160.8	0.0	1.0	0.117	53.9	-66.4 23.5 70.6 160	0.0	1.0	0.035	54.2 -67.3 28.6 73.2 157	0.0	1.0	0.251	53.8 -63.0 12.7 64.4 168
168.5	165.0	175.9	0.0	1.0	0.25	53.7	-63.1 12.8 64.4 168.5	0.0	1.0	0.25	53.8	-63.1 12.8 64.4 168	0.0	1.0	0.192	53.8 -64.7 17.4 67.1 165	0.0	1.0	0.331	54.4 -59.3 4.2 59.5 175
179.9	172.5	182.7	0.0	1.0	0.375	54.7	-56.8 0.0 56.8 179.9	0.0	1.0	0.367	54.7	-57.2 0.8 57.3 179	0.0	1.0	0.288	54.1 -61.4 8.6 62.1 172	0.0	1.0	0.405	54.8 -55.6 -2.1 55.7 182
189.8	180.0	189.6	0.0	1.0	0.5	55.0	-51.4 -8.9 52.2 189.8	0.0	1.0	0.5	55.0	-51.4 -8.8 52.2 189	0.0	1.0	0.375	54.8 -56.7 0.0 56.8 180	0.0	1.0	0.497	55.0 -51.5 -8.6 52.3 189
204.4	187.5	196.4	0.0	1.0	0.625	55.3	-44.1 -20.0 48.5 204.4	0.0	1.0	0.617	55.3	-44.6 -19.3 48.8 203	0.0	1.0	0.464	55.0 -53.0 -6.4 53.5 187	0.0	1.0	0.553	55.2 -48.6 -13.9 50.7 195
214.4	195.0	203.2	0.0	1.0	0.75	55.2	-39.5 -27.1 47.9 214.4	0.0	1.0	0.75	55.2	-39.4 -27.0 47.9 214	0.0	1.0	0.544	55.2 -49.1 -13.1 50.9 195	0.0	1.0	0.615	55.3 -44.7 -19.2 48.8 203
221.9	202.5	210.1	0.0	1.0	0.875	54.4	-36.7 -33.0 49.4 221.9	0.0	1.0	0.867	54.5	-36.9 -32.6 49.4 221	0.0	1.0	0.604	55.3 -45.5 -18.3 49.1 202	0.0	1.0	0.69	55.3 -41.8 -23.8 48.2 209
235.1	210.0	216.9	0.0	1.0	1.0	53.1	-30.0 -43.1 52.5 235.1	0.0	1.0	1.0	53.1	-29.9 -43.0 52.5 235	0.0	1.0	0.694	55.3 -41.6 -24.0 48.2 210	0.0	1.0	0.792	55.0 -38.6 -29.0 48.4 216
237.9	217.5	223.8	0.0	0.875	1.0	53.1	-27.9 -44.7 52.7 237.9	0.0	0.883	1.0	53.1	-28.0 -44.5 52.8 237	0.0	1.0	0.792	55.0 -38.6 -29.1 48.5 217	0.0	1.0	0.888	54.3 -36.1 -34.1 49.8 223
241.3	225.0	230.6	0.0	0.75	1.0	52.9	-25.9 -47.5 54.1 241.3	0.0	0.75	1.0	52.9	-25.8 -47.5 54.2 241	0.0	1.0	0.904	54.2 -35.4 -35.4 50.2 225	0.0	1.0	0.957	53.6 -32.5 -39.7 51.5 230
247.2	232.5	237.5	0.0	0.625	1.0	50.5	-20.8 -49.5 53.7 247.2	0.0	0.633	1.0	50.7	-21.1 -49.3 53.8 246	0.0	1.0	0.97	53.5 -31.8 -40.7 51.8 232	0.0	0.916	1.0	53.1 -28.6 -44.1 52.7 237
254.9	240.0	244.3	0.0	0.5	1.0	46.1	-13.3 -49.4 51.1 254.9	0.0	0.5	1.0	46.2	-13.2 -49.3 51.2 254	0.0	0.801	1.0	53.0 -26.7 -46.3 53.6 240	0.0	0.686	1.0	51.7 -23.3 -48.5 54.0 244
262.6	247.5	251.2	0.0	0.375	1.0	41.4	-6.3 -49.2 49.6 262.6	0.0	0.383	1.0	41.7	-6.7 -49.2 49.8 262	0.0	0.63	1.0	50.7 -20.9 -49.4 53.8 247	0.0	0.568	1.0	48.6 -17.2 -49.5 52.6 250
272.6	255.0	258.0	0.0	0.25	1.0	36.8	2.2 -48.5 48.6 272.6	0.0	0.25	1.0	36.9	2.2 -48.5 48.6 272	0.0	0.499	1.0	46.1 -13.1 -49.3 51.2 255	0.0	0.449	1.0	44.2 -10.4 -49.4 50.6 258
281.4	262.5	264.8	0.0	0.125	1.0	35.0	9.4 -46.3 47.3 281.4	0.0	0.133	1.0	35.2	8.9 -46.5 47.4 280	0.0	0.386	1.0	41.8 -6.8 -49.2 49.8 262	0.0	0.353	1.0	40.6 -4.7 -49.2 49.5 264
290.8	270.0	271.7	0.0	0.0	1.0	32.5	16.9 -44.6 47.7 290.8	0.0	0.0	1.0	32.6	16.9 -44.5 47.7 290	0.0	0.283	1.0	38.1 0.0 -48.8 48.9 270	0.0	0.261	1.0	37.3 1.5 -48.6 48.7 271
299.2	277.5	278.8	0.125	0.0	1.0	31.6	23.6 -42.2 48.4 299.2	0.117	0.0	1.0	31.7	23.2 -42.3 48.4 298	0.0	0.188	1.0	36.0 5.8 -47.5 48.0 277	0.0	0.169	1.0	35.7 7.0 -47.2 47.8 278
307.8	285.0	285.9	0.25	0.0	1.0	31.0	30.5 -39.3 49.8 307.8	0.25	0.0	1.0	31.0	30.6 -39.3 49.9 307	0.0	0.078	1.0	34.1 12.3 -45.8 47.5 285	0.0	0.065	1.0	33.9 13.1 -45.6 47.5 285
317.5	292.5	293.0	0.375	0.0	1.0	34.2	38.2 -35.0 51.8 317.5	0.367	0.0	1.0	34.0	37.8 -35.3 51.7 316	0.018	0.0	1.0	32.4 17.9 -44.2 47.8 292	0.026	0.0	1.0	32.4 18.4 -44.1 47.9 292
324.4	300.0	300.1	0.5	0.0	1.0	37.2	43.1 -30.8 53.0 324.4	0.5	0.0	1.0	37.2	43.2 -30.8 53.1 324	0.136	0.0	1.0	31.6 24.3 -41.9 48.5 300	0.139	0.0	1.0	31.5 24.4 -41.9 48.6 300
330.6	307.5	307.2	0.625	0.0	1.0	39.1	48.4 -27.2 55.6 330.6	0.617	0.0	1.0	39.0	48.1 -27.4 55.4 330	0.238	0.0	1.0	31.1 29.9 -39.6 49.7 307	0.235	0.0	1.0	31.1 29.8 -39.7 49.7 306
338.7	315.0	314.3	0.75	0.0	1.0	41.8	55.1 -21.4 59.1 338.7	0.75	0.0	1.0	41.9	55.2 -21.4 59.2 338	0.343	0.0	1.0	33.4 36.3 -36.2 51.4 315	0.335	0.0	1.0	33.2 35.8 -36.5 51.2 314
343.9	322.5	321.4	0.875	0.0	1.0	45.6	60.1 -17.3 62.6 343.9	0.867	0.0	1.0	45.4	59.8 -17.5 62.4 343	0.456	0.0	1.0	36.2 41.5 -32.3 52.7 322	0.439	0.0	1.0	35.8 40.8 -32.9 52.5 321
348.9	330.0	328.6	1.0	0.0	1.0	48.1	65.4 -12.7 66.6 348.9	1.0	0.0	1.0	48.2	65.4 -12.7 66.7 348	0.612	0.0	1.0	38.9 47.9 -27.6 55.4 330	0.584	0.0	1.0	38.5 46.8 -28.4 54.8 328
350.7	337.5	335.7	1.0	0.0	0.875	49.5	66.1 -10.7 67.0 350.7	1.0	0.0	0.883	49.5	66.1 -10.8 67.0 350	0.723	0.0	1.0	41.3 53.8 -22.7 58.4 337	0.696	0.0	1.0	40.7 52.3 -24.0 57.6 335
354.2	345.0	342.8	1.0	0.0	0.75	49.3	64.5 -6.5 64.8 354.2	1.0	0.0	0.75	49.3	64.6 -6.5 64.9 354	0.902	0.0	1.0	46.2 61.3 -16.3 63.5 345	0.848	0.0	1.0	44.9 59.1 -18.2 61.9 342
361.9	352.5	349.9	1.0	0.0	0.625	48.0	61.8 2.1 61.8 361.9	1.0	0.0	0.633	48.1	62.0 1.6 62.0 361	1.0	0.0	0.83	49.5 65.6 -9.1 66.3 352	1.0	0.0	0.964	48.6 65.6 -12.1 66.8 349
370.0	360.0	357.0	1.0	0.0	0.5	47.8	58.9 10.4 59.9 370.0	1.0	0.0	0.5	47.8	59.0 10.4 59.9 370	1.0	0.0	0.657	48.3 62.6 0.0 62.6 360	1.0	0.0	0.828	49.5 65.6 -9.0 66.2 352
378.9	367.5																			

Data of Maximum color M in colorimetric system Laser printer output; separation cmy_n6*, 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} = 33.5, 100.6, 155.5, 235.2, 290.8, 348.9; 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* dd64M	LAB* ddx64M (x=LabCh)	rgb* dex361M	LAB* dex361M
33.4	30.0	25.4	1.0 0.0 0.0	47.5 57.2 37.8 68.6 33.4	1.0 0.0 0.263 47.6	56.1 26.7 62.1 25
42.1	37.5	33.8	1.0 0.125 0.0	51.9 54.3 49.2 73.2 42.1	1.0 0.0 0.012 47.6	57.2 37.5 68.4 33
52.8	45.0	42.1	1.0 0.25 0.0	58.2 41.8 55.1 69.2 52.8	1.0 0.125 0.0	52.0 54.3 49.2 73.3 42
63.7	52.5	50.5	1.0 0.375 0.0	64.6 29.8 60.4 67.3 63.7	1.0 0.216 0.0	56.6 45.2 53.9 70.3 49
73.8	60.0	58.8	1.0 0.5 0.0	70.5 19.2 66.2 69.0 73.8	1.0 0.32 0.0	61.8 35.2 58.4 68.2 58
80.7	67.5	67.2	1.0 0.625 0.0	74.9 11.4 70.7 71.6 80.7	1.0 0.412 0.0	66.4 26.9 62.3 67.9 66
91.5	75.0	75.6	1.0 0.75 0.0	82.9 -2.0 76.9 77.0 91.5	1.0 0.532 0.0	71.6 17.3 67.5 69.7 75
96.8	82.5	83.9	1.0 0.875 0.0	87.6 -9.0 75.7 76.3 96.8	1.0 0.655 0.0	76.9 8.4 72.5 73.0 83
100.5	90.0	92.3	1.0 1.0 0.0	91.5 -15.8 84.6 86.1 100.5	1.0 0.769 0.0	83.7 -3.0 76.8 76.9 92
101.4	97.5	101.0	0.875 1.0 0.0	92.8 -18.1 89.4 91.2 101.4	1.0 0.996 0.0	91.5 -15.5 84.4 85.8 100
103.9	105.0	109.7	0.75 1.0 0.0	90.1 -21.3 86.0 88.6 103.9	0.684 1.0 0.0	84.7 -27.5 76.7 81.5 109
115.0	112.5	118.5	0.625 1.0 0.0	79.9 -31.7 67.9 75.0 115.0	0.595 1.0 0.0	77.8 -34.4 65.0 73.6 117
127.3	120.0	127.2	0.5 1.0 0.0	70.9 -41.7 54.8 68.9 127.3	0.501 1.0 0.0	71.0 -41.6 54.9 68.9 127
134.7	127.5	136.0	0.375 1.0 0.0	66.5 -47.5 48.0 67.6 134.7	0.366 1.0 0.0	66.2 -48.2 47.6 67.8 135
144.7	135.0	144.7	0.25 1.0 0.0	60.6 -57.2 40.4 70.1 144.7	0.25 1.0 0.0	60.6 -57.1 40.5 70.1 144
151.0	142.5	153.4	0.125 1.0 0.0	57.0 -62.2 34.4 71.1 151.0	0.073 1.0 0.0	55.9 -64.4 33.0 72.5 152
155.5	150.0	162.2	0.0 1.0 0.0	54.3 -67.6 30.8 74.3 155.5	0.0 1.0 0.147 53.8	-65.9 21.1 69.3 162
160.8	157.5	169.0	0.0 1.0 0.125 53.8	-66.4 23.0 70.2 160.8	0.0 1.0 0.251 53.8	-63.0 12.7 64.4 168
168.5	165.0	175.9	0.0 1.0 0.25 53.7	-63.1 12.8 64.4 168.5	0.0 1.0 0.331 54.4	-59.3 4.2 59.5 175
179.9	172.5	182.7	0.0 1.0 0.375 54.7	-56.8 0.0 56.8 179.9	0.0 1.0 0.405 54.8	-55.6 -2.1 55.7 182
189.8	180.0	189.6	0.0 1.0 0.5 55.0	-51.4 -8.9 52.2 189.8	0.0 1.0 0.497 55.0	-51.5 -8.6 52.3 189
204.4	187.5	196.4	0.0 1.0 0.625 55.3	-44.1 -20.0 48.5 204.4	0.0 1.0 0.553 55.2	-48.6 -13.9 50.7 195
214.4	195.0	203.2	0.0 1.0 0.75 55.2	-39.5 -27.1 47.9 214.4	0.0 1.0 0.615 55.3	-44.7 -19.2 48.8 203
221.9	202.5	210.1	0.0 1.0 0.875 54.4	-36.7 -33.0 49.4 221.9	0.0 1.0 0.69 55.3	-41.8 -23.8 48.2 209
235.1	210.0	216.9	0.0 1.0 1.0 53.1	-30.0 -43.1 52.5 235.1	0.0 1.0 0.792 55.0	-38.6 -29.0 48.4 216
237.9	217.5	223.8	0.0 0.875 1.0 53.1	-27.9 -44.7 52.7 237.9	0.0 1.0 0.888 54.3	-36.1 -34.1 49.8 223
241.3	225.0	230.6	0.0 0.75 1.0 52.9	-25.9 -47.5 54.1 241.3	0.0 1.0 0.957 53.6	-32.5 -39.7 51.5 230
247.2	232.5	237.5	0.0 0.625 1.0 50.5	-20.8 -49.5 53.7 247.2	0.0 0.916 1.0 53.1	-28.6 -44.1 52.7 237
254.9	240.0	244.3	0.0 0.5 1.0 46.1	-13.3 -49.4 51.1 254.9	0.0 0.686 1.0 51.7	-23.3 -48.5 54.0 244
262.6	247.5	251.2	0.0 0.375 1.0 41.4	-6.3 -49.2 49.6 262.6	0.0 0.568 1.0 48.6	-17.2 -49.5 52.6 250
272.6	255.0	258.0	0.0 0.25 1.0 36.8	2.2 -48.5 48.6 272.6	0.0 0.449 1.0 44.2	-10.4 -49.4 50.6 258
281.4	262.5	264.8	0.0 0.125 1.0 35.0	9.4 -46.3 47.3 281.4	0.0 0.353 1.0 40.6	-4.7 -49.2 49.5 264
290.8	270.0	271.7	0.0 0.0 1.0 32.5	16.9 -44.6 47.7 290.8	0.0 0.261 1.0 37.3	1.5 -48.6 48.7 271
299.2	277.5	278.8	0.125 0.0 1.0 31.6	23.6 -42.2 48.4 299.2	0.0 0.169 1.0 35.7	7.0 -47.2 47.8 278
307.8	285.0	285.9	0.25 0.0 1.0 31.0	30.5 -39.3 49.8 307.8	0.0 0.065 1.0 33.9	13.1 -45.6 47.5 285
317.5	292.5	293.0	0.375 0.0 1.0 34.2	38.2 -35.0 51.8 317.5	0.026 0.0 1.0 32.4	18.4 -44.1 47.9 292
324.4	300.0	300.1	0.5 0.0 1.0 37.2	43.1 -30.8 53.0 324.4	0.139 0.0 1.0 31.5	24.4 -41.9 48.6 300
330.6	307.5	307.2	0.625 0.0 1.0 39.1	48.4 -27.2 55.6 330.6	0.235 0.0 1.0 31.1	29.8 -39.7 49.7 306
338.7	315.0	314.3	0.75 0.0 1.0 41.8	55.1 -21.4 59.1 338.7	0.335 0.0 1.0 33.2	35.8 -36.5 51.2 314
343.9	322.5	321.4	0.875 0.0 1.0 45.6	60.1 -17.3 62.6 343.9	0.439 0.0 1.0 35.8	40.8 -32.9 52.5 321
348.9	330.0	328.6	1.0 0.0 1.0 48.1	65.4 -12.7 66.6 348.9	0.584 0.0 1.0 38.5	46.8 -28.4 54.8 328
350.7	337.5	335.7	1.0 0.0 0.875 49.5	66.1 -10.7 67.0 350.7	0.696 0.0 1.0 40.7	52.3 -24.0 57.6 335
354.2	345.0	342.8	1.0 0.0 0.75 49.3	64.5 -6.5 64.8 354.2	0.848 0.0 1.0 44.9	59.1 -18.2 61.9 342
361.9	352.5	349.9	1.0 0.0 0.625 48.0	61.8 2.1 61.8 361.9	0.910 0.0 1.0 48.6	65.6 -12.1 66.8 349
370.0	360.0	357.0	1.0 0.0 0.5 47.8	58.9 10.4 59.9 370.0	1.0 0.0 0.828 49.5	65.6 -9.0 66.2 352
378.9	367.5	364.1	1.0 0.0 0.375 47.4	56.8 19.5 60.0 378.9	1.0 0.0 0.659 48.4	62.7 -0.1 62.7 359
386.2	375.0	371.2	1.0 0.0 0.25 47.5	55.9 27.5 62.3 386.2	1.0 0.0 0.519 47.8	59.5 9.2 60.2 368
391.3	382.5	378.3	1.0 0.0 0.125 47.6	56.3 34.2 65.9 391.3	1.0 0.0 0.408 47.5	57.6 17.1 60.0 376
393.4	390.0	385.4	1.0 0.0 0.0 47.5	57.2 37.8 68.6 393.4	1.0 0.0 0.263 47.6	56.1 26.7 62.1 385



vedi file simili: <http://farbe.li.tu-berlin.de/PI89/PI89.HTM>
 informazioni tecniche: <http://www.ps.bam.de> o <http://130.149.60.45/~farbmetrik>

Iscrizione TUB: 20150701-PI89/PI89L0FP.PDF /.PS
 Applicazione per la misura dell'output output della stampante laser, separazione cmy_n6* (CMYK)
 TUB materiale: code=rh4ta

grafico TUB-PI89; cerchio delle tinte a 16 passi
 cerchio delle tinte a 48 passi; rgb-LabCh*tavole

Input: rgb/cmyk -> rgb_{dd}
 Output: 3D-linearizzazione a cmyk*_{dd}

Data of Maximum color M in colorimetric system Laser printer output; separation cmy⁶*, 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}* = 33.5, 100.6, 155.5, 235.2, 290.8, 348.9; Six hue angles of the elementary colours *RYGCBM*_e: *h_{ab,e}* = 25.5, 92.3, 162.2, 217.0, 271.7, 328.6

<i>h_{ab,d}</i>	<i>h_{ab,s}</i>	<i>h_{ab,e}</i>	<i>rgb⁶*_{dd361M}</i>	<i>LAB⁶*_{ddx361Mi (x=LabCh)}</i>	<i>rgb⁶*_{ds361Mi}</i>	<i>LAB⁶*_{dsx361Mi (x=LabCh)}</i>	<i>rgb⁶*_{dd361Mi}</i>	<i>LAB⁶*_{de361Mi}</i>	<i>rgb⁶*_{dex361Mi (x=LabCh)}</i>	<i>rgb⁶*_{dd361Mi}</i>	<i>rgb⁶*_{ds361Mi}</i>	<i>rgb⁶*_{de361Mi}</i>	
33	30	25	1.0 0.0 0.0	47.5 57.2 37.8 68.6 33	<i>R_d</i> 1.0 0.0 0.158 47.7 56.3 32.5 65.0 30	<i>R_s</i> 1.0 0.0 0.0 0.0	1.0 0.0 0.263 47.6 56.1 26.7 62.1 25	<i>R_e</i> 1.0 0.0 0.0 0.0					
34	31	26	1.0 0.016 0.0	48.1 56.9 39.3 69.2 34	1.0 0.0 0.133 47.7 56.4 33.9 65.8 31	1.0 0.0017 0.0	1.0 0.0 0.242 47.6 56.0 28.0 62.6 26	1.0 0.0017 0.0					
35	32	27	1.0 0.033 0.0	48.7 56.6 40.8 69.8 35	1.0 0.0 0.085 47.7 56.7 35.4 66.8 32	1.0 0.0033 0.0	1.0 0.0 0.214 47.6 56.1 29.5 63.4 27	1.0 0.0033 0.0					
36	33	28	1.0 0.05 0.0	49.3 56.3 42.3 70.4 36	1.0 0.0 0.028 47.6 57.1 37.0 68.0 33	1.0 0.005 0.0	1.0 0.0 0.187 47.6 56.2 30.9 64.2 28	1.0 0.005 0.0					
38	34	29	1.0 0.066 0.0	49.9 55.9 43.9 71.1 38	1.0 0.0007 0.0	47.8 57.1 38.5 68.9 34	1.0 0.0067 0.0	1.0 0.0 0.159 47.7 56.3 32.4 65.0 29	1.0 0.0067 0.0				
39	35	31	1.0 0.083 0.0	50.5 55.5 45.4 71.7 39	1.0 0.0022 0.0	48.4 56.9 39.8 69.4 35	1.0 0.0083 0.0	1.0 0.0 0.132 47.7 56.4 33.9 65.8 31	1.0 0.0083 0.0				
40	36	32	1.0 0.1 0.0	51.0 55.0 46.9 72.3 40	1.0 0.0036 0.0	48.9 56.6 41.1 70.0 36	1.0 0.1 0.0	1.0 0.0 0.076 47.6 56.7 35.7 67.0 32	1.0 0.1 0.0				
41	37	33	1.0 0.116 0.0	51.6 54.5 48.4 72.9 41	1.0 0.005 0.0	49.4 56.3 42.4 70.5 37	1.0 0.117 0.0	1.0 0.0 0.012 47.6 57.2 37.5 68.4 33	1.0 0.117 0.0				
42	38	34	1.0 0.133 0.0	52.3 53.4 49.7 73.0 42	1.0 0.0065 0.0	49.9 56.0 43.7 71.0 38	1.0 0.133 0.0	1.0 0.0013 0.0	48.0 57.0 39.0 69.1 34	1.0 0.133 0.0			
44	39	35	1.0 0.15 0.0	53.2 51.8 50.6 72.4 44	1.0 0.0079 0.0	50.4 55.6 45.0 71.6 39	1.0 0.15 0.0	1.0 0.0029 0.0	48.6 56.7 40.5 69.7 35	1.0 0.15 0.0			
45	40	36	1.0 0.166 0.0	54.0 50.2 51.5 71.9 45	1.0 0.0094 0.0	50.9 55.2 46.4 72.1 40	1.0 0.167 0.0	1.0 0.0045 0.0	49.2 56.4 41.9 70.3 36	1.0 0.167 0.0			
47	41	37	1.0 0.183 0.0	54.9 48.5 52.3 71.4 47	1.0 0.0108 0.0	51.4 54.8 47.7 72.7 41	1.0 0.183 0.0	1.0 0.0061 0.0	49.7 56.1 43.4 70.9 37	1.0 0.183 0.0			
48	42	38	1.0 0.2 0.0	55.7 46.8 53.1 70.8 48	1.0 0.0122 0.0	51.9 54.4 49.0 73.2 42	1.0 0.2 0.0	1.0 0.0077 0.0	50.3 55.7 44.8 71.5 38	1.0 0.2 0.0			
50	43	39	1.0 0.216 0.0	56.6 45.2 53.8 70.3 50	1.0 0.0134 0.0	52.5 53.4 49.8 73.0 43	1.0 0.217 0.0	1.0 0.0093 0.0	50.8 55.3 46.3 72.1 39	1.0 0.217 0.0			
51	44	41	1.0 0.233 0.0	57.4 43.5 54.5 69.7 51	1.0 0.0146 0.0	53.0 52.2 50.4 72.6 44	1.0 0.233 0.0	1.0 0.0109 0.0	51.4 54.8 47.8 72.7 41	1.0 0.233 0.0			
52	45	42	1.0 0.25 0.0	58.2 41.8 55.1 69.2 52	1.0 0.0158 0.0	53.6 51.1 51.1 72.2 45	1.0 0.25 0.0	1.0 0.0125 0.0	52.0 54.3 49.2 73.3 42	1.0 0.25 0.0			
54	46	43	1.0 0.266 0.0	59.1 40.2 56.0 69.0 54	1.0 0.017 0.0	54.2 49.9 51.7 71.8 46	1.0 0.267 0.0	1.0 0.0138 0.0	52.6 53.0 50.0 72.9 43	1.0 0.267 0.0			
55	47	44	1.0 0.283 0.0	59.9 38.6 56.8 68.7 55	1.0 0.0181 0.0	54.8 48.7 52.3 71.5 47	1.0 0.283 0.0	1.0 0.0151 0.0	53.3 51.8 50.7 72.4 44	1.0 0.283 0.0			
57	48	45	1.0 0.3 0.0	60.8 37.1 57.5 68.5 57	1.0 0.0193 0.0	55.4 47.6 52.8 71.1 48	1.0 0.3 0.0	1.0 0.0164 0.0	54.0 50.5 51.4 72.0 45	1.0 0.3 0.0			
58	49	46	1.0 0.316 0.0	61.6 35.5 58.2 68.2 58	1.0 0.0205 0.0	56.0 46.4 53.4 70.7 49	1.0 0.317 0.0	1.0 0.0177 0.0	54.6 49.2 52.1 71.6 46	1.0 0.317 0.0			
60	50	47	1.0 0.333 0.0	62.5 33.9 58.9 68.0 60	1.0 0.0217 0.0	56.6 45.2 53.9 70.3 50	1.0 0.333 0.0	1.0 0.019 0.0	55.3 47.9 52.7 71.2 47	1.0 0.333 0.0			
61	51	48	1.0 0.35 0.0	63.3 32.2 59.5 67.7 61	1.0 0.0228 0.0	57.2 44.0 54.4 69.9 51	1.0 0.35 0.0	1.0 0.0203 0.0	55.9 46.5 53.3 70.8 48	1.0 0.35 0.0			
63	52	49	1.0 0.366 0.0	64.2 30.6 60.1 67.5 63	1.0 0.024 0.0	57.8 42.8 54.8 69.6 52	1.0 0.367 0.0	1.0 0.0216 0.0	56.6 45.2 53.9 70.3 49	1.0 0.367 0.0			
64	53	51	1.0 0.383 0.0	65.0 29.1 60.8 67.4 64	1.0 0.0252 0.0	58.4 41.7 55.3 69.2 53	1.0 0.383 0.0	1.0 0.023 0.0	57.3 43.9 54.4 69.9 51	1.0 0.383 0.0			
65	54	52	1.0 0.4 0.0	65.8 27.8 61.7 67.7 65	1.0 0.0263 0.0	59.0 40.6 55.9 69.1 54	1.0 0.4 0.0	1.0 0.0243 0.0	57.9 42.6 54.9 69.5 52	1.0 0.4 0.0			
67	55	53	1.0 0.416 0.0	66.6 26.4 62.5 67.9 67	1.0 0.0275 0.0	59.6 39.5 56.4 68.9 55	1.0 0.417 0.0	1.0 0.0256 0.0	58.6 41.3 55.5 69.2 53	1.0 0.417 0.0			
68	56	54	1.0 0.433 0.0	67.3 25.0 63.3 68.1 68	1.0 0.0288 0.0	60.1 38.4 57.0 68.7 56	1.0 0.433 0.0	1.0 0.0268 0.0	59.2 40.1 56.1 69.0 54	1.0 0.433 0.0			
69	57	55	1.0 0.45 0.0	68.1 23.6 64.1 68.3 69	1.0 0.0298 0.0	60.7 37.3 57.5 68.5 57	1.0 0.45 0.0	1.0 0.0281 0.0	59.9 38.9 56.7 68.8 55	1.0 0.45 0.0			
71	58	56	1.0 0.466 0.0	68.9 22.1 64.8 68.5 71	1.0 0.0309 0.0	61.3 36.2 58.0 68.4 58	1.0 0.467 0.0	1.0 0.0294 0.0	60.5 37.7 57.3 68.6 56	1.0 0.467 0.0			
72	59	57	1.0 0.483 0.0	69.7 20.7 65.6 68.8 72	1.0 0.0321 0.0	61.9 35.1 58.5 68.2 59	1.0 0.483 0.0	1.0 0.0307 0.0	61.2 36.5 57.9 68.4 57	1.0 0.483 0.0			
73	60	58	1.0 0.5 0.0	70.5 19.2 66.2 69.0 73	1.0 0.0332 0.0	62.5 34.0 58.9 68.0 60	1.0 0.5 0.0	1.0 0.032 0.0	61.8 35.2 58.4 68.2 58	1.0 0.5 0.0			
74	61	60	1.0 0.516 0.0	71.0 18.2 66.9 69.3 74	1.0 0.0344 0.0	63.1 32.9 59.3 67.8 61	1.0 0.517 0.0	1.0 0.0332 0.0	62.5 34.0 58.9 68.0 60	1.0 0.517 0.0			
75	62	61	1.0 0.533 0.0	71.6 17.2 67.5 69.7 75	1.0 0.0355 0.0	63.6 31.8 59.8 67.7 62	1.0 0.533 0.0	1.0 0.0345 0.0	63.1 32.8 59.4 67.8 61	1.0 0.533 0.0			
76	63	62	1.0 0.55 0.0	72.2 16.2 68.1 70.0 76	1.0 0.0367 0.0	64.2 30.6 60.1 67.5 63	1.0 0.55 0.0	1.0 0.0358 0.0	63.8 31.5 59.9 67.6 62	1.0 0.55 0.0			
77	64	63	1.0 0.566 0.0	72.8 15.1 68.7 70.4 77	1.0 0.0378 0.0	64.8 29.6 60.6 67.4 64	1.0 0.567 0.0	1.0 0.0371 0.0	64.4 30.3 60.3 67.4 63	1.0 0.567 0.0			
78	65	64	1.0 0.583 0.0	73.4 14.1 69.3 70.7 78	1.0 0.0391 0.0	65.4 28.6 61.3 67.6 65	1.0 0.583 0.0	1.0 0.0384 0.0	65.1 29.1 60.9 67.5 64	1.0 0.583 0.0			
79	66	65	1.0 0.6 0.0	74.0 13.0 69.9 71.1 79	1.0 0.0403 0.0	66.0 27.6 61.9 67.8 66	1.0 0.6 0.0	1.0 0.0398 0.0	65.7 28.0 61.6 67.7 65	1.0 0.6 0.0			
80	67	66	1.0 0.616 0.0	74.6 12.0 70.4 71.4 80	1.0 0.0416 0.0	66.6 26.5 62.5 67.9 67	1.0 0.617 0.0	1.0 0.0412 0.0	66.4 26.9 62.3 67.9 66	1.0 0.617 0.0			
81	68	67	1.0 0.633 0.0	75.4 10.6 71.2 72.0 81	1.0 0.0428 0.0	67.1 25.5 63.1 68.1 68	1.0 0.633 0.0	1.0 0.0425 0.0	67.0 25.7 63.0 68.0 67	1.0 0.633 0.0			
82	69	68	1.0 0.65 0.0	76.5 8.9 72.1 72.7 82	1.0 0.044 0.0	67.7 24.5 63.7 68.2 69	1.0 0.65 0.0	1.0 0.0439 0.0	67.7 24.5 63.7 68.2 68	1.0 0.65 0.0			
84	70	70	1.0 0.666 0.0	77.5 7.2 73.0 73.4 84	1.0 0.0453 0.0	68.3 23.4 64.3 68.4 70	1.0 0.667 0.0	1.0 0.0453 0.0	68.3 23.4 64.3 68.4 70	1.0 0.667 0.0			
85	71	71	1.0 0.683 0.0	78.6 5.4 73.9 74.1 85	1.0 0.0465 0.0	68.9 22.3 64.8 68.6 71	1.0 0.683 0.0	1.0 0.0467 0.0	69.0 22.2 64.9 68.6 71	1.0 0.683 0.0			
87	72	72	1.0 0.7 0.0	79.7 3.6 74.7 74.8 87	1.0 0.0477 0.0	69.5 21.2 65.4 68.7 72	1.0 0.7 0.0	1.0 0.0481 0.0	69.6 20.9 65.5 68.8 72	1.0 0.7 0.0			
88	73	73	1.0 0.716 0.0	80.8 1.7 75.5 75.5 88	1.0 0.049 0.0	70.0 20.1 65.9 68.9 73	1.0 0.717 0.0	1.0 0.0494 0.0	70.2 19.7 66.1 68.9 73	1.0 0.717 0.0			
-269	74	74	1.0 0.733 0.0	81.8 -0.1 76.3 76.3 -269	1.0 0.0503 0.0	70.6 19.0 66.4 69.1 74	1.0 0.733 0.0	1.0 0.0512 0.0	70.9 18.5 66.7 69.3 74	1.0 0.733 0.0			
-268	75	75	1.0 0.75 0.0	82.9 -2.0 76.9 77.0 -268	<i>R_d</i> 1.0 0.0521 0.0	71.3 18.0 67.1 69.5 75	1.0 0.75 0.0	1.0 0.0532 0.0	71.6 17.3 67.5 69.7 75	1.0 0.75 0.0			

4-103930-L0 PI890-72 LAB*la0, YN=0%, XYZnw=3.9, 4.1, 4.1, 84.7, 89.6, 93.9, LAB*nw=23.9, 0.0, 0.0, 95.8, 0.0, 0.0

uscita: Laser printer output; separation cmy⁶*, D65, pagina 10/33

grafico TUB-PI89; cerchio delle tinte a 16 passi
 cerchio delle tinte a 48 passi; *rgb-LabCh**tavole

Input: *rgb/cmyk* -> *rgb_{dd}*
 Output: 3D-linearizzazione a *cmyk_{dd}**

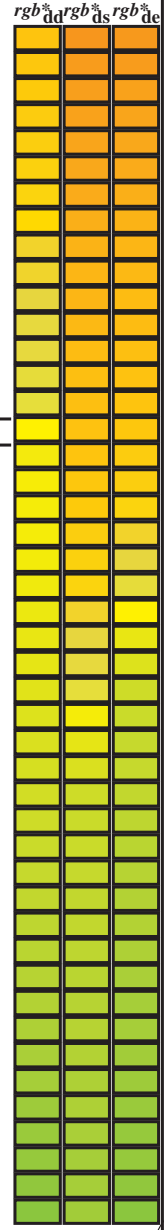
vedidi file simili: <http://farbe.li.tu-berlin.de/PI89/PI89.HTM>
 informazioni tecniche: <http://www.ps.bam.de> o <http://130.149.60.45/~farbmetrik>

iscrizione TUB: 20150701-PI89/PI89L0FP.PDF /.PS
 Applicazione per la misura dell'output output della stampante laser, separazione cmy⁶* (CMYK)

TUB materiale: code=rh4ta

Data of Maximum color M in colorimetric system Laser printer output; separation cmy⁶*, D65 for input or output; Six hue angles of the 60 degree standard colours RYGBM₆; 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} = 33.5, 100.6, 155.5, 235.2, 290.8, 348.9; 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 ⁶ * dd361M	LAB* dxx361Mi (x=LabCh)	rgb ⁶ * ds361Mi	LAB* dsx361Mi (x=LabCh)	rgb ⁶ * dd361Mi	rgb ⁶ * de361Mi	LAB* dex361Mi (x=LabCh)	rgb ⁶ * dd361Mi	rgb ⁶ * ds361Mi	rgb ⁶ * de361Mi	
-268	75	75	1.0 0.75 0.0	82.9 -2.0 76.9 77.0	-268 R _d	1.0 0.521 0.0	71.3 18.0 67.1 69.5 75	1.0 0.75 0.0	1.0 0.532 0.0	71.6 17.3 67.5 69.7 75	1.0 0.75 0.0		
92	76	76	1.0 0.766 0.0	83.5 -2.9 76.8 76.9 92		1.0 0.539 0.0	71.9 16.9 67.8 69.8 76	1.0 0.767 0.0	1.0 0.552 0.0	72.3 16.1 68.2 70.1 76	1.0 0.767 0.0		
92	77	77	1.0 0.783 0.0	84.2 -3.9 76.7 76.8 92		1.0 0.557 0.0	72.5 15.8 68.4 70.2 77	1.0 0.783 0.0	1.0 0.572 0.0	73.0 14.9 69.0 70.5 77	1.0 0.783 0.0		
93	78	78	1.0 0.8 0.0	84.8 -4.8 76.5 76.7 93		1.0 0.575 0.0	73.1 14.7 69.1 70.6 78	1.0 0.8 0.0	1.0 0.592 0.0	73.7 13.6 69.7 71.0 78	1.0 0.8 0.0		
94	79	80	1.0 0.816 0.0	85.4 -5.8 76.4 76.6 94		1.0 0.593 0.0	73.8 13.5 69.7 71.0 79	1.0 0.817 0.0	1.0 0.612 0.0	74.4 12.3 70.3 71.4 80	1.0 0.817 0.0		
95	80	81	1.0 0.833 0.0	86.0 -6.7 76.2 76.5 95		1.0 0.611 0.0	74.4 12.4 70.3 71.4 80	1.0 0.833 0.0	1.0 0.629 0.0	75.2 11.0 71.0 71.9 81	1.0 0.833 0.0		
95	81	82	1.0 0.85 0.0	86.6 -7.6 76.0 76.4 95		1.0 0.627 0.0	75.1 11.2 70.9 71.8 81	1.0 0.85 0.0	1.0 0.642 0.0	76.0 9.7 71.8 72.4 82	1.0 0.85 0.0		
96	82	83	1.0 0.866 0.0	87.3 -8.6 75.8 76.3 96		1.0 0.639 0.0	75.8 10.1 71.6 72.3 82	1.0 0.867 0.0	1.0 0.655 0.0	76.9 8.4 72.5 73.0 83	1.0 0.867 0.0		
97	83	84	1.0 0.883 0.0	87.8 -9.4 76.3 76.9 97		1.0 0.651 0.0	76.6 8.9 72.2 72.8 83	1.0 0.883 0.0	1.0 0.668 0.0	77.7 7.0 73.2 73.5 84	1.0 0.883 0.0		
97	84	85	1.0 0.9 0.0	88.4 -10.3 77.6 78.2 97		1.0 0.662 0.0	77.3 7.7 72.9 73.3 84	1.0 0.9 0.0	1.0 0.681 0.0	78.5 5.6 73.9 74.1 85	1.0 0.9 0.0		
98	85	86	1.0 0.916 0.0	88.9 -11.2 78.8 79.6 98		1.0 0.674 0.0	78.1 6.4 73.5 73.8 85	1.0 0.917 0.0	1.0 0.694 0.0	79.4 4.2 74.5 74.6 86	1.0 0.917 0.0		
98	86	87	1.0 0.933 0.0	89.4 -12.0 80.0 80.9 98		1.0 0.686 0.0	78.8 5.2 74.1 74.3 86	1.0 0.933 0.0	1.0 0.707 0.0	80.2 2.8 75.1 75.2 87	1.0 0.933 0.0		
99	87	88	1.0 0.95 0.0	89.9 -12.9 81.1 82.2 99		1.0 0.697 0.0	79.6 3.9 74.7 74.8 87	1.0 0.95 0.0	1.0 0.72 0.0	81.1 1.4 75.7 75.7 88	1.0 0.95 0.0		
99	88	90	1.0 0.966 0.0	90.5 -13.9 82.3 83.5 99		1.0 0.709 0.0	80.3 2.6 75.2 75.3 88	1.0 0.967 0.0	1.0 0.733 0.0	81.9 0.0 76.3 76.3 90	1.0 0.967 0.0		
100	89	91	1.0 0.983 0.0	91.0 -14.8 83.5 84.8 100		1.0 0.721 0.0	81.1 1.3 75.8 75.8 89	1.0 0.983 0.0	1.0 0.746 0.0	82.7 -1.5 76.8 76.9 91	1.0 0.983 0.0		
100	90	92	1.0 1.0 0.0	91.5 -15.8 84.6 86.1 100	Y _d	1.0 0.732 0.0	81.8 0.0 76.3 76.3 90	Y _s	1.0 1.0 0.0	1.0 0.769 0.0	83.7 -3.0 76.8 76.9 92	Y _e	1.0 1.0 0.0
100	91	93	0.983 1.0 0.0	91.7 -16.1 85.3 86.8 100		1.0 0.744 0.0	82.6 -1.2 76.7 76.8 91	0.983 1.0 0.0	1.0 0.796 0.0	84.7 -4.6 76.6 76.8 93	0.983 1.0 0.0		
100	92	94	0.966 1.0 0.0	91.9 -16.4 85.9 87.5 100		1.0 0.761 0.0	83.4 -2.6 76.9 77.0 92	0.967 1.0 0.0	1.0 0.823 0.0	85.7 -6.1 76.4 76.6 94	0.967 1.0 0.0		
100	93	95	0.95 1.0 0.0	92.0 -16.7 86.5 88.2 100		1.0 0.785 0.0	84.3 -3.9 76.7 76.8 93	0.95 1.0 0.0	1.0 0.851 0.0	86.7 -7.6 76.1 76.5 95	0.95 1.0 0.0		
101	94	96	0.933 1.0 0.0	92.2 -17.0 87.2 88.8 101		1.0 0.808 0.0	85.1 -5.2 76.5 76.7 94	0.933 1.0 0.0	1.0 0.879 0.0	87.8 -9.2 76.1 76.7 96	0.933 1.0 0.0		
101	95	98	0.916 1.0 0.0	92.4 -17.3 87.8 89.5 101		1.0 0.832 0.0	86.0 -6.6 76.3 76.6 95	0.917 1.0 0.0	1.0 0.918 0.0	89.0 -11.2 78.9 79.7 98	0.917 1.0 0.0		
101	96	99	0.9 1.0 0.0	92.5 -17.6 88.4 90.2 101		1.0 0.855 0.0	86.9 -7.9 76.0 76.4 96	0.9 1.0 0.0	1.0 0.957 0.0	90.2 -13.3 81.7 82.8 99	0.9 1.0 0.0		
101	97	100	0.883 1.0 0.0	92.7 -18.0 89.1 90.9 101		1.0 0.88 0.0	87.8 -9.3 76.2 76.7 97	0.883 1.0 0.0	1.0 0.996 0.0	91.5 -15.5 84.4 85.8 100	0.883 1.0 0.0		
101	98	101	0.866 1.0 0.0	92.6 -18.3 89.2 91.0 101		1.0 0.914 0.0	88.8 -10.9 78.6 79.4 98	0.867 1.0 0.0	0.867 1.0 0.0	92.6 -18.3 89.2 91.1 101	0.867 1.0 0.0		
101	99	102	0.85 1.0 0.0	92.2 -18.8 88.7 90.7 101		1.0 0.947 0.0	89.9 -12.7 81.0 82.0 99	0.85 1.0 0.0	0.808 1.0 0.0	91.4 -19.8 87.6 89.9 102	0.85 1.0 0.0		
102	100	103	0.833 1.0 0.0	91.9 -19.2 88.3 90.3 102		1.0 0.98 0.0	91.0 -14.6 83.3 84.6 100	0.833 1.0 0.0	0.75 1.0 0.0	90.1 -21.3 86.0 88.6 103	0.833 1.0 0.0		
102	101	105	0.816 1.0 0.0	91.5 -19.6 87.8 90.0 102		0.943 1.0 0.0	92.2 -16.8 86.9 88.5 101	0.817 1.0 0.0	0.737 1.0 0.0	89.0 -22.7 84.2 87.2 105	0.817 1.0 0.0		
102	102	106	0.8 1.0 0.0	91.1 -20.1 87.4 89.7 102		0.849 1.0 0.0	92.2 -18.8 88.7 90.7 102	0.8 1.0 0.0	0.724 1.0 0.0	88.0 -24.0 82.3 85.8 106	0.8 1.0 0.0		
103	103	107	0.783 1.0 0.0	90.8 -20.5 86.9 89.3 103		0.798 1.0 0.0	91.2 -20.1 87.4 89.7 103	0.783 1.0 0.0	0.71 1.0 0.0	86.9 -25.2 80.5 84.3 107	0.783 1.0 0.0		
103	104	108	0.766 1.0 0.0	90.4 -20.9 86.5 89.0 103		0.749 1.0 0.0	90.1 -21.3 86.0 88.6 104	0.767 1.0 0.0	0.697 1.0 0.0	85.8 -26.4 78.6 82.9 108	0.767 1.0 0.0		
103	105	109	0.75 1.0 0.0	90.1 -21.3 86.0 88.6 103		0.738 1.0 0.0	89.2 -22.5 84.4 87.4 105	0.75 1.0 0.0	0.684 1.0 0.0	84.7 -27.5 76.7 81.5 109	0.75 1.0 0.0		
105	106	110	0.733 1.0 0.0	88.7 -23.1 83.7 86.8 105		0.727 1.0 0.0	88.2 -23.6 82.8 86.1 106	0.733 1.0 0.0	0.671 1.0 0.0	83.7 -28.5 74.8 80.0 110	0.733 1.0 0.0		
106	107	112	0.716 1.0 0.0	87.3 -24.7 81.3 85.0 106		0.716 1.0 0.0	87.3 -24.7 81.2 84.9 107	0.717 1.0 0.0	0.658 1.0 0.0	82.6 -29.5 72.8 78.6 112	0.717 1.0 0.0		
108	108	113	0.7 1.0 0.0	86.0 -26.2 78.9 83.2 108		0.704 1.0 0.0	86.4 -25.8 79.6 83.7 108	0.7 1.0 0.0	0.645 1.0 0.0	81.5 -30.4 70.9 77.2 113	0.7 1.0 0.0		
109	109	114	0.683 1.0 0.0	84.6 -27.6 76.5 81.3 109		0.693 1.0 0.0	85.5 -26.7 78.0 82.5 109	0.683 1.0 0.0	0.632 1.0 0.0	80.4 -31.3 69.0 75.7 114	0.683 1.0 0.0		
111	110	115	0.666 1.0 0.0	83.3 -28.9 74.1 79.5 111		0.682 1.0 0.0	84.5 -27.7 76.3 81.2 110	0.667 1.0 0.0	0.619 1.0 0.0	79.5 -32.2 67.4 74.7 115	0.667 1.0 0.0		
112	111	116	0.65 1.0 0.0	81.9 -30.1 71.6 77.7 112		0.67 1.0 0.0	83.6 -28.6 74.7 80.0 111	0.65 1.0 0.0	0.607 1.0 0.0	78.6 -33.3 66.2 74.2 116	0.65 1.0 0.0		
114	112	117	0.633 1.0 0.0	80.5 -31.2 69.2 75.9 114		0.659 1.0 0.0	82.7 -29.4 73.0 78.8 112	0.633 1.0 0.0	0.595 1.0 0.0	77.8 -34.4 65.0 73.6 117	0.633 1.0 0.0		
115	113	119	0.616 1.0 0.0	79.3 -32.5 67.1 74.6 115		0.648 1.0 0.0	81.8 -30.2 71.4 77.5 113	0.617 1.0 0.0	0.584 1.0 0.0	77.0 -35.4 63.8 73.0 119	0.617 1.0 0.0		
117	114	120	0.6 1.0 0.0	78.1 -34.0 65.4 73.8 117		0.637 1.0 0.0	80.9 -30.9 69.7 76.3 114	0.6 1.0 0.0	0.572 1.0 0.0	76.1 -36.4 62.5 72.4 120	0.6 1.0 0.0		
119	115	121	0.583 1.0 0.0	76.9 -35.5 63.7 72.9 119		0.625 1.0 0.0	79.9 -31.6 68.0 75.1 115	0.583 1.0 0.0	0.56 1.0 0.0	75.3 -37.4 61.3 71.8 121	0.583 1.0 0.0		
120	116	122	0.566 1.0 0.0	75.7 -36.9 62.0 72.1 120		0.615 1.0 0.0	79.2 -32.6 67.0 74.5 116	0.567 1.0 0.0	0.548 1.0 0.0	74.4 -38.3 60.0 71.3 122	0.567 1.0 0.0		
122	117	123	0.55 1.0 0.0	74.5 -38.2 60.2 71.3 122		0.605 1.0 0.0	78.5 -33.5 66.0 74.1 117	0.55 1.0 0.0	0.536 1.0 0.0	73.6 -39.2 58.8 70.7 123	0.55 1.0 0.0		
124	118	124	0.533 1.0 0.0	73.3 -39.4 58.4 70.5 124		0.595 1.0 0.0	77.8 -34.4 64.9 73.6 118	0.533 1.0 0.0	0.524 1.0 0.0	72.7 -40.0 57.5 70.1 124	0.533 1.0 0.0		
125	119	126	0.516 1.0 0.0	72.1 -40.6 56.6 69.7 125		0.585 1.0 0.0	77.0 -35.3 63.9 73.1 119	0.517 1.0 0.0	0.512 1.0 0.0	71.9 -40.9 56.2 69.5 126	0.517 1.0 0.0		
127	120	127	0.5 1.0 0.0	70.9 -41.7 54.8 68.9 127		0.574 1.0 0.0	76.3 -36.2 62.8 72.6 120	0.5 1.0 0.0	0.501 1.0 0.0	71.0 -41.6 54.9 68.9 127	0.5 1.0 0.0		



4-1031030-L0 PI890-72 LAB*la0, YN=0%, XYZnw=3.9, 4.1, 4.1, 84.7, 89.6, 93.9, LAB*nw=23.9, 0.0, 0.0, 95.8, 0.0, 0.0

uscita: Laser printer output; separation cmy⁶*, D65, pagina 11/33

grafico TUB-PI89; cerchio delle tinte a 16 passi
 cerchio delle tinte a 48 passi; rgb-LabCh*tavole

Input: rgb/cmyk -> rgb_{dd}
 Output: 3D-linearizzazione a cmyk*_{dd}

vedevi file simili: http://farbe.li.tu-berlin.de/PI89/PI89.HTM
 informazioni tecniche: http://www.ps.bam.de o http://130.149.60.45/~farbmetrik

iscrizione TUB: 20150701-PI89/PI89L0FP.PDF /.PS
 Applicazione per la misura dell'output output della stampante laser, separazione cmy⁶* (CMYK)

TUB materiale: code=rh4ta

Data of Maximum color M in colorimetric system Laser printer output; separation cmy6*, 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} = 33.5, 100.6, 155.5, 235.2, 290.8, 348.9; 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	LAB* dex361Mi (x=LabCh)	rgb* dd361Mi	LAB* de361Mi	rgb* dd361Mi	rgb* dd	rgb* ds	rgb* de
127	120	127	0.5	1.0	0.0	70.9	-41.7	54.8	68.9	127	0.5	1.0	0.0		
128	121	128	0.483	1.0	0.0	70.4	-42.6	53.9	68.7	128	0.483	1.0	0.0		
129	122	129	0.466	1.0	0.0	69.8	-43.4	53.0	68.5	129	0.466	1.0	0.0		
130	123	130	0.45	1.0	0.0	69.2	-44.2	52.1	68.3	130	0.45	1.0	0.0		
131	124	131	0.433	1.0	0.0	68.6	-45.0	51.2	68.2	131	0.433	1.0	0.0		
132	125	132	0.416	1.0	0.0	68.0	-45.7	50.3	68.0	132	0.416	1.0	0.0		
133	126	133	0.4	1.0	0.0	67.4	-46.5	49.4	67.8	133	0.4	1.0	0.0		
134	127	134	0.383	1.0	0.0	66.8	-47.2	48.5	67.7	134	0.383	1.0	0.0		
135	128	135	0.366	1.0	0.0	66.1	-48.2	47.5	67.7	135	0.366	1.0	0.0		
136	129	136	0.35	1.0	0.0	65.4	-49.5	46.6	68.1	136	0.35	1.0	0.0		
138	130	138	0.333	1.0	0.0	64.6	-50.9	45.7	68.4	138	0.333	1.0	0.0		
139	131	139	0.316	1.0	0.0	63.8	-52.2	44.7	68.7	139	0.316	1.0	0.0		
140	132	140	0.3	1.0	0.0	63.0	-53.5	43.7	69.1	140	0.3	1.0	0.0		
142	133	142	0.283	1.0	0.0	62.2	-54.7	42.6	69.4	142	0.283	1.0	0.0		
143	134	143	0.266	1.0	0.0	61.4	-56.0	41.5	69.7	143	0.266	1.0	0.0		
144	135	144	0.25	1.0	0.0	60.6	-57.2	40.4	70.1	144	0.25	1.0	0.0		
145	136	145	0.233	1.0	0.0	60.1	-57.9	39.6	70.2	145	0.233	1.0	0.0		
146	137	146	0.216	1.0	0.0	59.6	-58.6	38.9	70.3	146	0.216	1.0	0.0		
147	138	147	0.2	1.0	0.0	59.1	-59.3	38.1	70.5	147	0.2	1.0	0.0		
148	139	148	0.183	1.0	0.0	58.7	-59.9	37.3	70.6	148	0.183	1.0	0.0		
148	140	150	0.166	1.0	0.0	58.2	-60.6	36.4	70.7	148	0.166	1.0	0.0		
149	141	151	0.15	1.0	0.0	57.7	-61.2	35.6	70.9	149	0.15	1.0	0.0		
150	142	152	0.133	1.0	0.0	57.2	-61.9	34.8	71.0	150	0.133	1.0	0.0		
151	143	154	0.116	1.0	0.0	56.8	-62.5	34.1	71.3	151	0.116	1.0	0.0		
151	144	155	0.1	1.0	0.0	56.4	-63.3	33.7	71.7	151	0.1	1.0	0.0		
152	145	156	0.083	1.0	0.0	56.1	-64.0	33.2	72.1	152	0.083	1.0	0.0		
153	146	157	0.066	1.0	0.0	55.7	-64.7	32.8	72.6	153	0.066	1.0	0.0		
153	147	158	0.049	1.0	0.0	55.4	-65.5	32.3	73.0	153	0.049	1.0	0.0		
154	148	159	0.033	1.0	0.0	55.0	-66.2	31.8	73.5	154	0.033	1.0	0.0		
154	149	161	0.016	1.0	0.0	54.7	-66.9	31.3	73.9	154	0.016	1.0	0.0		
155	150	162	0.0	1.0	0.0	54.3	-67.6	30.8	74.3	155	0.0	1.0	0.0		
156	151	163	0.0	1.0	0.016	54.2	-67.5	29.7	73.8	156	0.0	1.0	0.017		
156	152	164	0.0	1.0	0.033	54.2	-67.4	28.6	73.2	156	0.0	1.0	0.033		
157	153	164	0.0	1.0	0.05	54.1	-67.2	27.6	72.7	157	0.0	1.0	0.05		
158	154	165	0.0	1.0	0.066	54.0	-67.1	26.6	72.1	158	0.0	1.0	0.067		
159	155	166	0.0	1.0	0.083	53.9	-66.9	25.5	71.6	159	0.0	1.0	0.083		
159	156	167	0.0	1.0	0.1	53.9	-66.7	24.5	71.1	159	0.0	1.0	0.1		
160	157	168	0.0	1.0	0.116	53.8	-66.5	23.5	70.5	160	0.0	1.0	0.117		
161	158	169	0.0	1.0	0.133	53.8	-66.2	22.3	69.9	161	0.0	1.0	0.133		
162	159	170	0.0	1.0	0.15	53.8	-65.8	20.8	69.1	162	0.0	1.0	0.15		
163	160	171	0.0	1.0	0.166	53.8	-65.5	19.4	68.3	163	0.0	1.0	0.167		
164	161	172	0.0	1.0	0.183	53.8	-65.0	18.1	67.5	164	0.0	1.0	0.183		
165	162	173	0.0	1.0	0.2	53.8	-64.6	16.7	66.7	165	0.0	1.0	0.2		
166	163	174	0.0	1.0	0.216	53.7	-64.1	15.4	66.0	166	0.0	1.0	0.217		
167	164	175	0.0	1.0	0.233	53.7	-63.6	14.1	65.2	167	0.0	1.0	0.233		
168	165	175	0.0	1.0	0.25	53.7	-63.1	12.8	64.4	168	0.0	1.0	0.25		

4-1031130-L0 PI890-72

LAB*la0, YN=0%, XYZnw=3.9, 4.1, 4.1, 84.7, 89.6, 93.9, LAB*nw=23.9, 0.0, 0.0, 95.8, 0.0, 0.0

uscita: Laser printer output; separation cmy6*, D65, pagina 12/33

grafico TUB-PI89; cerchio delle tinte a 16 passi
 cerchio delle tinte a 48 passi; rgb-LabCh*tavole

Input: rgb/cmyk -> rgb_{dd}
 Output: 3D-linearizzazione a cmyk*_{dd}

4-1031130-F0

vedevi file simili: http://farbe.li.tu-berlin.de/PI89/PI89.HTM
 informazioni tecniche: http://www.ps.bam.de o http://130.149.60.45/~farbmetrik

iscrizione TUB: 20150701-PI89/PI89L0FP.PDF /.PS
 Applicazione per la misura dell'output output della stampante laser, separazione cmy6* (CMYK)

TUB materiale: code=rh4ta

Data of Maximum color M in colorimetric system Laser printer output; separation cmy6*, 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} = 33.5, 100.6, 155.5, 235.2, 290.8, 348.9; 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* ddx361Mi (x=LabCh)	rgb* ds361Mi	LAB* dsx361Mi (x=LabCh)	rgb* dd361Mi	LAB* dex361Mi (x=LabCh)	rgb* dd361Mi	LAB* dex361Mi (x=LabCh)	rgb* dd361Mi	LAB* dex361Mi (x=LabCh)	rgb* dd361Mi	LAB* dex361Mi (x=LabCh)	rgb* dd361Mi	LAB* dex361Mi (x=LabCh)	rgb* dd361Mi	LAB* dex361Mi (x=LabCh)	rgb* dd361Mi	LAB* dex361Mi (x=LabCh)	rgb* dd361Mi	LAB* dex361Mi (x=LabCh)		
168	165	175	0.0	1.0	0.25	53.7	-63.1	12.8	64.4	168	0.0	1.0	0.192	53.8	-64.7	17.4	67.1	165	0.0	1.0	0.25	0.0	1.0	0.25
170	166	176	0.0	1.0	0.266	53.9	-62.4	10.9	63.4	170	0.0	1.0	0.209	53.8	-64.3	16.1	66.4	166	0.0	1.0	0.267	0.0	1.0	0.267
171	167	177	0.0	1.0	0.283	54.0	-61.7	9.1	62.4	171	0.0	1.0	0.225	53.8	-63.8	14.8	65.6	167	0.0	1.0	0.283	0.0	1.0	0.283
173	168	178	0.0	1.0	0.3	54.1	-60.9	7.3	61.3	173	0.0	1.0	0.242	53.8	-63.3	13.5	64.8	168	0.0	1.0	0.3	0.0	1.0	0.3
174	169	179	0.0	1.0	0.316	54.3	-60.1	5.6	60.3	174	0.0	1.0	0.255	53.8	-62.8	12.2	64.1	169	0.0	1.0	0.317	0.0	1.0	0.317
176	170	180	0.0	1.0	0.333	54.4	-59.2	3.9	59.3	176	0.0	1.0	0.266	53.9	-62.4	11.0	63.5	170	0.0	1.0	0.333	0.0	1.0	0.333
177	171	181	0.0	1.0	0.35	54.5	-58.2	2.3	58.3	177	0.0	1.0	0.277	54.0	-61.9	9.8	62.8	171	0.0	1.0	0.35	0.0	1.0	0.35
179	172	182	0.0	1.0	0.366	54.7	-57.3	0.8	57.3	179	0.0	1.0	0.288	54.1	-61.4	8.6	62.1	172	0.0	1.0	0.367	0.0	1.0	0.367
180	173	183	0.0	1.0	0.383	54.7	-56.5	-0.6	56.5	180	0.0	1.0	0.299	54.2	-60.9	7.5	61.5	173	0.0	1.0	0.383	0.0	1.0	0.383
181	174	184	0.0	1.0	0.4	54.8	-55.8	-1.8	55.9	181	0.0	1.0	0.31	54.3	-60.4	6.4	60.8	174	0.0	1.0	0.4	0.0	1.0	0.4
183	175	185	0.0	1.0	0.416	54.8	-55.2	-3.1	55.2	183	0.0	1.0	0.321	54.3	-59.8	5.2	60.1	175	0.0	1.0	0.417	0.0	1.0	0.417
184	176	185	0.0	1.0	0.433	54.8	-54.5	-4.3	54.6	184	0.0	1.0	0.332	54.4	-59.2	4.1	59.5	176	0.0	1.0	0.433	0.0	1.0	0.433
185	177	186	0.0	1.0	0.45	54.9	-53.7	-5.5	54.0	185	0.0	1.0	0.343	54.5	-58.6	3.1	58.8	177	0.0	1.0	0.45	0.0	1.0	0.45
187	178	187	0.0	1.0	0.466	54.9	-53.0	-6.6	53.4	187	0.0	1.0	0.354	54.6	-58.0	2.0	58.1	178	0.0	1.0	0.467	0.0	1.0	0.467
188	179	188	0.0	1.0	0.483	55.0	-52.2	-7.8	52.8	188	0.0	1.0	0.365	54.7	-57.3	1.0	57.5	179	0.0	1.0	0.483	0.0	1.0	0.483
189	180	189	0.0	1.0	0.5	55.0	-51.4	-8.9	52.2	189	0.0	1.0	0.375	54.8	-56.7	0.0	56.8	180	0.0	1.0	0.5	0.0	1.0	0.5
191	181	190	0.0	1.0	0.516	55.0	-50.6	-10.5	51.7	191	0.0	1.0	0.388	54.8	-56.2	-0.9	56.3	181	0.0	1.0	0.517	0.0	1.0	0.517
193	182	191	0.0	1.0	0.533	55.1	-49.7	-12.1	51.2	193	0.0	1.0	0.401	54.8	-55.7	-1.8	55.9	182	0.0	1.0	0.533	0.0	1.0	0.533
195	183	192	0.0	1.0	0.55	55.1	-48.8	-13.7	50.7	195	0.0	1.0	0.414	54.9	-55.2	-2.8	55.4	183	0.0	1.0	0.55	0.0	1.0	0.55
197	184	193	0.0	1.0	0.566	55.2	-47.8	-15.2	50.2	197	0.0	1.0	0.426	54.9	-54.7	-3.7	54.9	184	0.0	1.0	0.567	0.0	1.0	0.567
199	185	194	0.0	1.0	0.583	55.2	-46.8	-16.6	49.7	199	0.0	1.0	0.439	54.9	-54.2	-4.6	54.5	185	0.0	1.0	0.583	0.0	1.0	0.583
201	186	195	0.0	1.0	0.6	55.2	-45.8	-18.0	49.2	201	0.0	1.0	0.452	54.9	-53.6	-5.5	54.0	186	0.0	1.0	0.6	0.0	1.0	0.6
203	187	195	0.0	1.0	0.616	55.3	-44.7	-19.4	48.7	203	0.0	1.0	0.464	55.0	-53.0	-6.4	53.5	187	0.0	1.0	0.617	0.0	1.0	0.617
205	188	196	0.0	1.0	0.633	55.3	-43.8	-20.5	48.4	205	0.0	1.0	0.477	55.0	-52.5	-7.3	53.1	188	0.0	1.0	0.633	0.0	1.0	0.633
206	189	197	0.0	1.0	0.65	55.3	-43.3	-21.5	48.3	206	0.0	1.0	0.49	55.0	-51.9	-8.1	52.6	189	0.0	1.0	0.65	0.0	1.0	0.65
207	190	198	0.0	1.0	0.666	55.3	-42.7	-22.5	48.3	207	0.0	1.0	0.502	55.1	-51.3	-9.0	52.2	190	0.0	1.0	0.667	0.0	1.0	0.667
209	191	199	0.0	1.0	0.683	55.2	-42.1	-23.4	48.2	209	0.0	1.0	0.51	55.1	-50.9	-9.8	51.9	191	0.0	1.0	0.683	0.0	1.0	0.683
210	192	200	0.0	1.0	0.7	55.2	-41.5	-24.4	48.1	210	0.0	1.0	0.519	55.1	-50.5	-10.6	51.7	192	0.0	1.0	0.7	0.0	1.0	0.7
211	193	201	0.0	1.0	0.716	55.2	-40.8	-25.3	48.0	211	0.0	1.0	0.527	55.1	-50.0	-11.5	51.4	193	0.0	1.0	0.717	0.0	1.0	0.717
213	194	202	0.0	1.0	0.733	55.2	-40.2	-26.2	48.0	213	0.0	1.0	0.536	55.1	-49.6	-12.3	51.2	194	0.0	1.0	0.733	0.0	1.0	0.733
214	195	203	0.0	1.0	0.75	55.2	-39.5	-27.1	47.9	214	0.0	1.0	0.544	55.2	-49.1	-13.1	50.9	195	0.0	1.0	0.75	0.0	1.0	0.75
215	196	204	0.0	1.0	0.766	55.1	-39.2	-27.9	48.1	215	0.0	1.0	0.553	55.2	-48.6	-13.9	50.7	196	0.0	1.0	0.767	0.0	1.0	0.767
216	197	205	0.0	1.0	0.783	55.0	-38.8	-28.7	48.3	216	0.0	1.0	0.561	55.2	-48.1	-14.6	50.4	197	0.0	1.0	0.783	0.0	1.0	0.783
217	198	206	0.0	1.0	0.8	54.9	-38.5	-29.5	48.5	217	0.0	1.0	0.57	55.2	-47.6	-15.4	50.2	198	0.0	1.0	0.8	0.0	1.0	0.8
218	199	206	0.0	1.0	0.816	54.8	-38.1	-30.3	48.7	218	0.0	1.0	0.578	55.2	-47.1	-16.1	49.9	199	0.0	1.0	0.817	0.0	1.0	0.817
219	200	207	0.0	1.0	0.833	54.7	-37.7	-31.1	48.9	219	0.0	1.0	0.587	55.3	-46.6	-16.9	49.6	200	0.0	1.0	0.833	0.0	1.0	0.833
220	201	208	0.0	1.0	0.85	54.6	-37.3	-31.9	49.1	220	0.0	1.0	0.596	55.3	-46.0	-17.6	49.4	201	0.0	1.0	0.85	0.0	1.0	0.85
221	202	209	0.0	1.0	0.866	54.5	-36.9	-32.6	49.3	221	0.0	1.0	0.604	55.3	-45.5	-18.3	49.1	202	0.0	1.0	0.867	0.0	1.0	0.867
222	203	210	0.0	1.0	0.883	54.3	-36.4	-33.7	49.6	222	0.0	1.0	0.613	55.3	-44.9	-19.0	48.9	203	0.0	1.0	0.883	0.0	1.0	0.883
224	204	211	0.0	1.0	0.9	54.2	-35.6	-35.1	50.0	224	0.0	1.0	0.621	55.3	-44.3	-19.7	48.6	204	0.0	1.0	0.9	0.0	1.0	0.9
226	205	212	0.0	1.0	0.916	54.0	-34.8	-36.5	50.4	226	0.0	1.0	0.632	55.3	-43.8	-20.4	48.5	205	0.0	1.0	0.917	0.0	1.0	0.917
228	206	213	0.0	1.0	0.933	53.8	-33.9	-37.8	50.8	228	0.0	1.0	0.644	55.3	-43.4	-21.1	48.4	206	0.0	1.0	0.933	0.0	1.0	0.933
229	207	214	0.0	1.0	0.95	53.6	-33.0	-39.2	51.2	229	0.0	1.0	0.657	55.3	-43.0	-21.9	48.4	207	0.0	1.0	0.95	0.0	1.0	0.95
231	208	215	0.0	1.0	0.966	53.4	-32.0	-40.5	51.7	231	0.0	1.0	0.669	55.3	-42.6	-22.6	48.3	208	0.0	1.0	0.967	0.0	1.0	0.967
233	209	216	0.0	1.0	0.983	53.3	-31.0	-41.8	52.1	233	0.0	1.0	0.682	55.3	-42.1	-23.3	48.3	209	0.0	1.0	0.983	0.0	1.0	0.983
235	210	216	0.0	1.0	1.0	53.1	-30.0	-43.1	52.5	235	0.0	1.0	0.694	55.3	-41.6	-24.0	48.2	210	0.0	1.0	1.0	0.0	1.0	1.0

4-1031230-L0 PI890-72 LAB*la0, YN=0%, XYZnw=3.9, 4.1, 4.1, 84.7, 89.6, 93.9, LAB*nw=23.9, 0.0, 0.0, 95.8, 0.0, 0.0

uscita: Laser printer output; separation cmy6*, D65, pagina 13/33

grafico TUB-PI89; cerchio delle tinte a 16 passi
 cerchio delle tinte a 48 passi; rgb-LabCh*tavole

Input: rgb/cmyk -> rgb_{dd}
 Output: 3D-linearizzazione a cmyk*_{dd}

Iscrizione TUB: 20150701-PI89/PI89L0FP.PDF /.PS
 Applicazione per la misura dell'output output della stampante laser, separazione cmy6* (CMYK)
 TUB materiale: code=rh4ta

Data of Maximum color M in colorimetric system Laser printer output; separation cmy6*, 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} = 33.5, 100.6, 155.5, 290.8, 348.9; Six hue angles of the elementary colours *RYGCBM*_e: *h*_{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 (x=LabCh)}	<i>rgb</i> [*] _{ds361Mi}	<i>LAB</i> [*] _{dsx361Mi (x=LabCh)}	<i>rgb</i> [*] _{dd361Mi}	<i>LAB</i> [*] _{de361Mi}	<i>LAB</i> [*] _{dex361Mi (x=LabCh)}	<i>rgb</i> [*] _{dd361Mi}	<i>rgb</i> [*] _{dd}	<i>rgb</i> [*] _{ds}	<i>rgb</i> [*] _{de}																								
235	210	216	0.0	1.0	1.0	53.1	-30.0	-43.1	52.5	235	0.0	1.0	0.694	55.3	-41.6	-24.0	48.2	210	C _s	0.0	1.0	1.0	0.0	1.0	0.983	1.0	0.0	1.0	0.807	54.9	-38.3	-29.8	48.6	217	0.0	0.983	1.0
235	212	218	0.0	0.966	1.0	53.1	-29.4	-43.5	52.5	235	0.0	1.0	0.719	55.3	-40.7	-25.4	48.1	212	0.0	0.967	1.0	0.0	1.0	0.822	54.8	-37.9	-30.5	48.8	218	0.0	0.967	1.0					
236	213	219	0.0	0.95	1.0	53.1	-29.2	-43.7	52.6	236	0.0	1.0	0.732	55.3	-40.2	-26.1	48.0	213	0.0	0.95	1.0	0.0	1.0	0.837	54.7	-37.6	-31.2	49.0	219	0.0	0.95	1.0					
236	214	220	0.0	0.933	1.0	53.1	-28.9	-43.9	52.6	236	0.0	1.0	0.744	55.2	-39.7	-26.7	48.0	214	0.0	0.933	1.0	0.0	1.0	0.853	54.6	-37.2	-31.9	49.2	220	0.0	0.933	1.0					
237	215	221	0.0	0.916	1.0	53.1	-28.6	-44.2	52.6	237	0.0	1.0	0.759	55.2	-39.3	-27.5	48.1	215	0.0	0.917	1.0	0.0	1.0	0.868	54.5	-36.9	-32.6	49.4	221	0.0	0.917	1.0					
237	216	222	0.0	0.9	1.0	53.1	-28.3	-44.4	52.7	237	0.0	1.0	0.775	55.1	-38.9	-28.3	48.3	216	0.0	0.9	1.0	0.0	1.0	0.88	54.4	-36.5	-33.4	49.6	222	0.0	0.9	1.0					
237	217	223	0.0	0.883	1.0	53.1	-28.1	-44.6	52.7	237	0.0	1.0	0.792	55.0	-38.6	-29.1	48.5	217	0.0	0.883	1.0	0.0	1.0	0.888	54.3	-36.1	-34.1	49.8	223	0.0	0.883	1.0					
238	218	224	0.0	0.866	1.0	53.0	-27.8	-44.9	52.8	238	0.0	1.0	0.809	54.9	-38.2	-29.9	48.7	218	0.0	0.867	1.0	0.0	1.0	0.897	54.2	-35.7	-34.8	50.0	224	0.0	0.867	1.0					
238	219	225	0.0	0.85	1.0	53.0	-27.5	-45.3	53.0	238	0.0	1.0	0.825	54.8	-37.9	-30.6	48.9	219	0.0	0.85	1.0	0.0	1.0	0.906	54.1	-35.3	-35.5	50.2	225	0.0	0.85	1.0					
239	220	226	0.0	0.833	1.0	53.0	-27.3	-45.6	53.2	239	0.0	1.0	0.842	54.7	-37.5	-31.4	49.1	220	0.0	0.833	1.0	0.0	1.0	0.914	54.1	-34.9	-36.2	50.4	226	0.0	0.833	1.0					
239	221	227	0.0	0.816	1.0	53.0	-27.0	-46.0	53.4	239	0.0	1.0	0.859	54.6	-37.1	-32.2	49.3	221	0.0	0.817	1.0	0.0	1.0	0.923	54.0	-34.4	-36.9	50.6	227	0.0	0.817	1.0					
240	222	227	0.0	0.8	1.0	52.9	-26.7	-46.4	53.6	240	0.0	1.0	0.875	54.5	-36.7	-33.0	49.5	222	0.0	0.8	1.0	0.0	1.0	0.932	53.9	-34.0	-37.6	50.8	227	0.0	0.8	1.0					
240	223	228	0.0	0.783	1.0	52.9	-26.5	-46.8	53.8	240	0.0	1.0	0.885	54.4	-36.2	-33.8	49.7	223	0.0	0.783	1.0	0.0	1.0	0.94	53.8	-33.5	-38.3	51.1	228	0.0	0.783	1.0					
240	224	229	0.0	0.766	1.0	52.9	-26.2	-47.2	53.9	240	0.0	1.0	0.894	54.3	-35.8	-34.6	49.9	224	0.0	0.767	1.0	0.0	1.0	0.949	53.7	-33.0	-39.0	51.3	229	0.0	0.767	1.0					
241	225	230	0.0	0.75	1.0	52.9	-25.9	-47.5	54.1	241	0.0	1.0	0.904	54.2	-35.4	-35.4	50.2	225	0.0	0.75	1.0	0.0	1.0	0.957	53.6	-32.5	-39.7	51.5	230	0.0	0.75	1.0					
242	226	231	0.0	0.733	1.0	52.6	-25.2	-47.8	54.1	242	0.0	1.0	0.913	54.1	-34.9	-36.2	50.4	226	0.0	0.733	1.0	0.0	1.0	0.966	53.5	-32.0	-40.4	51.7	231	0.0	0.733	1.0					
242	227	232	0.0	0.716	1.0	52.2	-24.5	-48.1	54.0	242	0.0	1.0	0.923	54.0	-34.4	-36.9	50.6	227	0.0	0.717	1.0	0.0	1.0	0.975	53.4	-31.5	-41.1	51.9	232	0.0	0.717	1.0					
243	228	233	0.0	0.7	1.0	51.9	-23.9	-48.4	54.0	243	0.0	1.0	0.932	53.9	-33.9	-37.7	50.9	228	0.0	0.7	1.0	0.0	1.0	0.983	53.3	-31.0	-41.7	52.1	233	0.0	0.7	1.0					
244	229	234	0.0	0.683	1.0	51.6	-23.2	-48.6	53.9	244	0.0	1.0	0.942	53.8	-33.4	-38.5	51.1	229	0.0	0.683	1.0	0.0	1.0	0.992	53.2	-30.4	-42.4	52.3	234	0.0	0.683	1.0					
245	230	235	0.0	0.666	1.0	51.3	-22.5	-48.9	53.8	245	0.0	1.0	0.951	53.7	-32.9	-39.2	51.3	230	0.0	0.667	1.0	0.0	1.0	0.997	1.0	53.1	-29.9	-43.1	52.5	235	0.0	0.667	1.0				
246	231	236	0.0	0.65	1.0	51.0	-21.8	-49.1	53.8	246	0.0	1.0	0.961	53.6	-32.3	-40.0	51.6	231	0.0	0.65	1.0	0.0	1.0	0.956	1.0	53.1	-29.2	-43.6	52.6	236	0.0	0.65	1.0				
246	232	237	0.0	0.633	1.0	50.7	-21.1	-49.4	53.7	246	0.0	1.0	0.97	53.5	-31.8	-40.7	51.8	232	0.0	0.633	1.0	0.0	1.0	0.916	1.0	53.1	-28.6	-44.1	52.7	237	0.0	0.633	1.0				
247	233	237	0.0	0.616	1.0	50.2	-20.2	-49.5	53.5	247	0.0	1.0	0.98	53.4	-31.2	-41.5	52.0	233	0.0	0.617	1.0	0.0	1.0	0.876	1.0	53.1	-27.9	-44.6	52.8	237	0.0	0.617	1.0				
248	234	238	0.0	0.6	1.0	49.7	-19.2	-49.6	53.2	248	0.0	1.0	0.989	53.2	-30.6	-42.2	52.3	234	0.0	0.6	1.0	0.0	1.0	0.842	1.0	53.1	-27.4	-45.4	53.1	238	0.0	0.6	1.0				
249	235	239	0.0	0.583	1.0	49.1	-18.2	-49.6	52.8	249	0.0	1.0	0.999	53.1	-30.0	-42.9	52.5	235	0.0	0.583	1.0	0.0	1.0	0.809	1.0	53.0	-26.8	-46.2	53.5	239	0.0	0.583	1.0				
250	236	240	0.0	0.566	1.0	48.5	-17.2	-49.6	52.5	250	0.0	0.963	1.0	53.1	-29.3	-43.5	52.6	236	0.0	0.567	1.0	0.0	1.0	0.775	1.0	53.0	-26.3	-46.9	53.9	240	0.0	0.567	1.0				
251	237	241	0.0	0.55	1.0	47.9	-16.2	-49.5	52.2	251	0.0	0.918	1.0	53.1	-28.6	-44.1	52.7	237	0.0	0.55	1.0	0.0	1.0	0.745	1.0	52.8	-25.6	-47.6	54.2	241	0.0	0.55	1.0				
252	238	242	0.0	0.533	1.0	47.3	-15.2	-49.5	51.8	252	0.0	0.874	1.0	53.1	-27.9	-44.7	52.8	238	0.0	0.533	1.0	0.0	1.0	0.726	1.0	52.5	-24.9	-47.9	54.1	242	0.0	0.533	1.0				
253	239	243	0.0	0.516	1.0	46.7	-14.3	-49.4	51.5	253	0.0	0.838	1.0	53.0	-27.3	-45.5	53.2	239	0.0	0.517	1.0	0.0	1.0	0.706	1.0	52.1	-24.1	-48.2	54.0	243	0.0	0.517	1.0				
254	240	244	0.0	0.5	1.0	46.1	-13.3	-49.4	51.1	254	0.0	0.801	1.0	53.0	-26.7	-46.3	53.6	240	0.0	0.5	1.0	0.0	1.0	0.686	1.0	51.7	-23.3	-48.5	54.0	244	0.0	0.5	1.0				
255	241	245	0.0	0.483	1.0	45.5	-12.3	-49.4	50.9	255	0.0	0.764	1.0	52.9	-26.1	-47.2	54.0	241	0.0	0.483	1.0	0.0	1.0	0.667	1.0	51.4	-22.4	-48.8	53.9	245	0.0	0.483	1.0				
256	242	246	0.0	0.466	1.0	44.8	-11.4	-49.4	50.7	256	0.0	0.737	1.0	52.7	-25.3	-47.7	54.1	242	0.0	0.467	1.0	0.0	1.0	0.647	1.0	51.0	-21.6	-49.1	53.8	246	0.0	0.467	1.0				
258	243	247	0.0	0.45	1.0	44.2	-10.5	-49.4	50.5	258	0.0	0.716	1.0	52.3	-24.4	-48.1	54.1	243	0.0	0.45	1.0	0.0	1.0	0.628	1.0	50.6	-20.8	-49.4	53.8	247	0.0	0.45	1.0				
259	244	248	0.0	0.433	1.0	43.6	-9.5	-49.4	50.3	259	0.0	0.694	1.0	51.9	-23.6	-48.4	54.0	244	0.0	0.433	1.0	0.0	1.0	0.612	1.0	50.1	-19.9	-49.5	53.5	248	0.0	0.433	1.0				
260	245	248	0.0	0.416	1.0	42.9	-8.6	-49.4	50.1	260	0.0	0.673	1.0	51.5	-22.7	-48.8	53.9	245	0.0	0.417	1.0	0.0	1.0	0.597	1.0	49.6	-19.0	-49.5	53.2	248	0.0	0.417	1.0				
261	246	249	0.0	0.4	1.0	42.3	-7.7	-49.3	49.9	261	0.0	0.651	1.0	51.1	-21.8	-49.1	53.8	246	0.0	0.4	1.0	0.0	1.0	0.582	1.0	49.1	-18.1	-49.5	52.9	249	0.0	0.4	1.0				
262	247	250	0.0	0.383	1.0	41.7	-6.8	-49.3	49.7	262	0.0	0.63	1.0	50.7	-20.9	-49.4	53.8	247	0.0	0.383	1.0	0.0	1.0	0.568	1.0	48.6	-17.2	-49.5	52.6	250	0.0	0.383	1.0				
263	248	251	0.0	0.366	1.0	41.1	-5.7	-49.2	49.6	263	0.0	0.612	1.0	50.1	-19.9	-49.5	53.5	248	0.0	0.367	1.0	0.0	1.0	0.553	1.0	48.0	-16.3	-49.5	52.3	251	0.0	0.367	1.0				
264	249	252	0.0	0.35	1.0	40.5	-4.6	-49.2	49.4	264	0.0	0.596	1.0	49.6	-18.9	-49.5	53.1	249	0.0	0.35	1.0	0.0	1.0	0.538	1.0	47.5	-15.5	-49.5	52.0	252	0.0	0.35	1.0				
265	250	253	0.0	0.333	1.0	39.9	-3.4	-49.2	49.3	265	0.0	0.58	1.0																								

Data of Maximum color M in colorimetric system Laser printer output; separation cmy⁶*, D65 for input or output; Six hue angles of the 60 degree standard colours RY⁶CBM_s: h_{ab,ds} = 30.0, 90.0, 150.0, 210.0, 270.0, 330.0;
 Six hue angles of the device colours RY⁶CBM_d: h_{ab,d} = 33.5, 100.6, 155.5, 235.2, 290.8, 348.9; Six hue angles of the elementary colours RY⁶CBM_e: h_{ab,e} = 25.5, 92.3, 162.2, 217.0, 271.7, 328.6

h _{ab,d}	h _{ab,s}	h _{ab,e}	rgb [*] dd361M	LAB [*] ddx361Mi (x=LabCh)	rgb [*] ds361Mi	LAB [*] dsx361Mi (x=LabCh)	rgb [*] dd361Mi	rgb [*] de361Mi	LAB [*] dex361Mi (x=LabCh)	rgb [*] dd361Mi	rgb [*] ds361Mi	rgb [*] de361Mi																							
272	255	258	0.0	0.25	1.0	36.8	2.2	-48.5	48.6	272	0.0	0.499	1.0	46.1	-13.1	-49.3	51.2	255	0.0	0.25	1.0	0.0	0.449	1.0	44.2	-10.4	-49.4	50.6	258	0.0	0.25	1.0			
273	256	258	0.0	0.233	1.0	36.6	3.2	-48.3	48.4	273	0.0	0.482	1.0	45.5	-12.2	-49.4	51.0	256	0.0	0.233	1.0	0.0	0.435	1.0	43.7	-9.5	-49.4	50.4	258	0.0	0.233	1.0			
274	257	259	0.0	0.216	1.0	36.4	4.1	-48.0	48.2	274	0.0	0.466	1.0	44.9	-11.3	-49.4	50.8	257	0.0	0.217	1.0	0.0	0.42	1.0	43.1	-8.7	-49.3	50.2	259	0.0	0.217	1.0			
276	258	260	0.0	0.2	1.0	36.1	5.1	-47.8	48.1	276	0.0	0.45	1.0	44.3	-10.4	-49.4	50.6	258	0.0	0.2	1.0	0.0	0.405	1.0	42.6	-7.9	-49.3	50.0	260	0.0	0.2	1.0			
277	259	261	0.0	0.183	1.0	35.9	6.1	-47.5	47.9	277	0.0	0.438	1.0	43.7	-9.5	-49.4	50.4	259	0.0	0.183	1.0	0.0	0.39	1.0	42.0	-7.1	-49.3	49.9	261	0.0	0.183	1.0			
278	260	262	0.0	0.166	1.0	35.6	7.0	-47.2	47.7	278	0.0	0.414	1.0	43.0	-8.6	-49.3	50.2	260	0.0	0.167	1.0	0.0	0.376	1.0	41.4	-6.3	-49.2	49.7	262	0.0	0.167	1.0			
279	261	263	0.0	0.15	1.0	35.4	8.0	-46.9	47.5	279	0.0	0.402	1.0	42.4	-7.7	-49.3	50.0	261	0.0	0.15	1.0	0.0	0.364	1.0	41.0	-5.5	-49.2	49.6	263	0.0	0.15	1.0			
280	262	264	0.0	0.133	1.0	35.2	8.9	-46.5	47.4	280	0.0	0.386	1.0	41.8	-6.8	-49.2	49.8	262	0.0	0.133	1.0	0.0	0.353	1.0	40.6	-4.7	-49.2	49.5	264	0.0	0.133	1.0			
282	263	265	0.0	0.116	1.0	34.9	9.9	-46.3	47.3	282	0.0	0.371	1.0	41.3	-6.0	-49.2	49.7	263	0.0	0.117	1.0	0.0	0.341	1.0	40.2	-3.9	-49.1	49.4	265	0.0	0.117	1.0			
283	264	266	0.0	0.1	1.0	34.5	10.9	-46.1	47.4	283	0.0	0.358	1.0	40.8	-5.1	-49.2	49.5	264	0.0	0.1	1.0	0.0	0.33	1.0	39.8	-3.1	-49.1	49.3	266	0.0	0.1	1.0			
284	265	267	0.0	0.083	1.0	34.2	11.9	-45.9	47.4	284	0.0	0.346	1.0	40.4	-4.2	-49.2	49.4	265	0.0	0.083	1.0	0.0	0.318	1.0	39.4	-2.3	-49.0	49.2	267	0.0	0.083	1.0			
285	266	268	0.0	0.066	1.0	33.9	12.9	-45.7	47.5	285	0.0	0.333	1.0	39.9	-3.3	-49.1	49.3	266	0.0	0.067	1.0	0.0	0.307	1.0	39.0	-1.5	-49.0	49.1	268	0.0	0.067	1.0			
287	267	269	0.0	0.049	1.0	33.5	13.9	-45.4	47.5	287	0.0	0.321	1.0	39.5	-2.5	-49.1	49.2	267	0.0	0.05	1.0	0.0	0.296	1.0	38.5	-0.8	-48.9	49.0	269	0.0	0.05	1.0			
288	268	269	0.0	0.033	1.0	33.2	14.9	-45.2	47.6	288	0.0	0.308	1.0	39.0	-1.6	-49.0	49.1	268	0.0	0.033	1.0	0.0	0.284	1.0	38.1	0.0	-48.8	48.9	269	0.0	0.033	1.0			
289	269	270	0.0	0.016	1.0	32.9	15.9	-44.9	47.6	289	0.0	0.296	1.0	38.5	-0.8	-48.9	49.0	269	0.0	0.017	1.0	0.0	0.273	1.0	37.7	0.7	-48.7	48.8	270	0.0	0.017	1.0			
290	270	271	0.0	0.0	1.0	32.5	16.9	-44.6	47.7	290	B _d	0.0	0.283	1.0	38.1	0.0	-48.8	48.9	270	B _s	0.0	0.0	1.0	0.0	0.261	1.0	37.3	1.5	-48.6	48.7	271	B _e	0.0	0.0	1.0
291	271	272	0.016	0.0	1.0	32.4	17.8	-44.3	47.8	291	0.0	0.27	1.0	37.6	0.9	-48.7	48.8	271	0.0	0.017	0.0	1.0	0.0	0.249	1.0	36.9	2.3	-48.5	48.6	272	0.0	0.017	0.0	1.0	
293	272	273	0.033	0.0	1.0	32.3	18.7	-44.0	47.9	293	0.0	0.258	1.0	37.2	1.7	-48.6	48.7	272	0.033	0.0	1.0	0.0	0.236	1.0	36.7	3.1	-48.3	48.5	273	0.033	0.0	1.0			
294	273	274	0.05	0.0	1.0	32.1	19.6	-43.7	47.9	294	0.0	0.245	1.0	36.8	2.5	-48.4	48.6	273	0.05	0.0	1.0	0.0	0.222	1.0	36.5	3.9	-48.1	48.3	274	0.05	0.0	1.0			
295	274	275	0.066	0.0	1.0	32.0	20.5	-43.4	48.0	295	0.0	0.231	1.0	36.6	3.4	-48.2	48.4	274	0.067	0.0	1.0	0.0	0.209	1.0	36.3	4.6	-47.9	48.2	275	0.067	0.0	1.0			
296	275	276	0.083	0.0	1.0	31.9	21.4	-43.1	48.1	296	0.0	0.217	1.0	36.4	4.2	-48.0	48.3	275	0.083	0.0	1.0	0.0	0.196	1.0	36.1	5.4	-47.7	48.1	276	0.083	0.0	1.0			
297	276	277	0.1	0.0	1.0	31.8	22.3	-42.7	48.2	297	0.0	0.202	1.0	36.2	5.0	-47.8	48.1	276	0.1	0.0	1.0	0.0	0.182	1.0	35.9	6.2	-47.4	47.9	277	0.1	0.0	1.0			
298	277	278	0.116	0.0	1.0	31.6	23.1	-42.4	48.3	298	0.0	0.188	1.0	36.0	5.8	-47.5	48.0	277	0.117	0.0	1.0	0.0	0.169	1.0	35.7	7.0	-47.2	47.8	278	0.117	0.0	1.0			
299	278	279	0.133	0.0	1.0	31.5	24.1	-42.0	48.4	299	0.0	0.174	1.0	35.8	6.7	-47.3	47.8	278	0.133	0.0	1.0	0.0	0.155	1.0	35.5	7.7	-46.9	47.6	279	0.133	0.0	1.0			
300	279	280	0.15	0.0	1.0	31.4	25.0	-41.7	48.6	300	0.0	0.16	1.0	35.6	7.5	-47.0	47.7	279	0.15	0.0	1.0	0.0	0.142	1.0	35.3	8.5	-46.6	47.5	280	0.15	0.0	1.0			
302	280	281	0.166	0.0	1.0	31.4	25.9	-41.4	48.8	302	0.0	0.146	1.0	35.4	8.3	-46.7	47.5	280	0.167	0.0	1.0	0.0	0.129	1.0	35.1	9.2	-46.4	47.4	281	0.167	0.0	1.0			
303	281	282	0.183	0.0	1.0	31.3	26.8	-41.0	49.0	303	0.0	0.132	1.0	35.2	9.0	-46.4	47.4	281	0.183	0.0	1.0	0.0	0.116	1.0	34.9	10.0	-46.2	47.4	282	0.183	0.0	1.0			
304	282	283	0.2	0.0	1.0	31.2	27.8	-40.6	49.2	304	0.0	0.118	1.0	34.9	9.8	-46.2	47.4	282	0.2	0.0	1.0	0.0	0.103	1.0	34.6	10.8	-46.1	47.4	283	0.2	0.0	1.0			
305	283	284	0.216	0.0	1.0	31.1	28.7	-40.2	49.4	305	0.0	0.104	1.0	34.7	10.7	-46.1	47.4	283	0.217	0.0	1.0	0.0	0.09	1.0	34.4	11.5	-45.9	47.4	284	0.217	0.0	1.0			
306	284	285	0.233	0.0	1.0	31.1	29.6	-39.8	49.6	306	0.0	0.091	1.0	34.4	11.5	-45.9	47.4	284	0.233	0.0	1.0	0.0	0.078	1.0	34.1	12.3	-45.8	47.5	285	0.233	0.0	1.0			
307	285	285	0.25	0.0	1.0	31.0	30.5	-39.3	49.8	307	0.0	0.078	1.0	34.1	12.3	-45.8	47.5	285	0.25	0.0	1.0	0.0	0.065	1.0	33.9	13.1	-45.6	47.5	285	0.25	0.0	1.0			
309	286	286	0.266	0.0	1.0	31.4	31.6	-38.8	50.1	309	0.0	0.064	1.0	33.9	13.1	-45.6	47.5	286	0.267	0.0	1.0	0.0	0.052	1.0	33.6	13.8	-45.4	47.6	286	0.267	0.0	1.0			
310	287	287	0.283	0.0	1.0	31.8	32.6	-38.3	50.3	310	0.0	0.051	1.0	33.6	13.9	-45.4	47.6	287	0.283	0.0	1.0	0.0	0.04	1.0	33.4	14.6	-45.2	47.6	287	0.283	0.0	1.0			
311	288	288	0.3	0.0	1.0	32.3	33.6	-37.8	50.6	311	0.0	0.038	1.0	33.3	14.7	-45.2	47.6	288	0.3	0.0	1.0	0.0	0.027	1.0	33.1	15.4	-45.0	47.6	288	0.3	0.0	1.0			
312	289	289	0.316	0.0	1.0	32.7	34.7	-37.2	50.9	312	0.0	0.024	1.0	33.1	15.5	-44.9	47.6	289	0.317	0.0	1.0	0.0	0.014	1.0	32.9	16.1	-44.8	47.7	289	0.317	0.0	1.0			
314	290	290	0.333	0.0	1.0	33.1	35.7	-36.6	51.2	314	0.0	0.011	1.0	32.8	16.3	-44.7	47.7	290	0.333	0.0	1.0	0.0	0.001	1.0	32.6	16.9	-44.5	47.7	290	0.333	0.0	1.0			
315	291	291	0.35	0.0	1.0	33.6	36.7	-36.0	51.4	315	0.003	0.0	1.0	32.5	17.1	-44.5	47.7	291	0.35	0.0	1.0	0.012	0.0	1.0	32.5	17.6	-44.3	47.8	291	0.35	0.0	1.0			
316	292	292	0.366	0.0	1.0	34.0	37.7	-35.3	51.7	316	0.018	0.0	1.0	32.4	17.9	-44.2	47.8	292	0.367	0.0	1.0	0.026	0.0	1.0	32.4	18.4	-44.1	47.9	292	0.367	0.0	1.0			
317	293	293	0.383	0.0	1.0	34.4	38.5	-34.7	51.9	317	0.033	0.0	1.0	32.3	18.7	-44.0	47.9	293	0.383	0.0	1.0	0.041	0.0	1.0	32.3	19.1	-43.9	47.9	293	0.383	0.0	1.0			
318	294	294	0.4	0.0	1.0	34.8	39.2	-34.2	52.1	318	0.047	0.0	1.0	32.2	19.5	-43.7	48.0	294	0.4	0.0	1.0	0.055	0.0	1.0	32.1	19.9	-43.6	48.0	294	0.4	0.0	1.0			
319	295	295	0.416	0.0	1.0	35.2	39.9	-33.7	52.2	319	0.062	0.0	1.0	32.1	20.3	-																			

<http://farbe.li.tu-berlin.de/PI89/PI89L0FP.PDF /.PS>; linearizzazione 3D
F: linearizzazione 3D PI89/PI89L30FP.DAT nel file (F), pagine 18/33

grafico TUB-PI89; cerchio delle tinte a 16 passi
colori e la differenza, ΔE^*

nif	HC*Fid	rgb_Fid	icr_Fid	hsa_Fid	rgb*Fid	LabC*Fid	cmyk*_sep_Fid	hsa_Mid	rgb*Mid	LabC*Mid	delta
0/648	R00Y_100_100ad	1.0	0.0	0.0	1.0	0.0	0.0	390	1.0	0.0	0.0
1/657	R13Y_100_100ad	0.125	0.0	0.5	1.0	0.116	0.0	37	0.116	0.0	33.4
2/666	R25Y_100_100ad	0.25	0.0	1.0	1.0	0.233	0.0	36	0.233	0.0	68.6
3/675	R38Y_100_100ad	0.375	0.0	1.5	1.0	0.350	0.0	35	0.350	0.0	37.8
4/684	R50Y_100_100ad	0.5	0.0	2.0	1.0	0.467	0.0	34	0.467	0.0	48.4
5/693	R63Y_100_100ad	0.625	0.0	2.5	1.0	0.583	0.0	33	0.583	0.0	54.5
6/702	R75Y_100_100ad	0.75	0.0	3.0	1.0	0.700	0.0	32	0.700	0.0	69.7
7/711	R88Y_100_100ad	1.0	0.0	3.5	1.0	0.817	0.0	31	0.817	0.0	51.4
8/720	Y00G_100_100ad	1.0	0.0	4.0	1.0	0.933	0.0	30	0.933	0.0	67.5
9/639	Y13G_100_100ad	0.875	0.0	4.5	1.0	0.915	0.0	29	0.915	0.0	63.0
10/558	Y25G_100_100ad	0.75	0.0	5.0	1.0	0.897	0.0	28	0.897	0.0	69.7
11/477	Y38G_100_100ad	0.625	0.0	5.5	1.0	0.879	0.0	27	0.879	0.0	51.4
12/396	Y50G_100_100ad	0.5	0.0	6.0	1.0	0.861	0.0	26	0.861	0.0	67.5
13/315	Y63G_100_100ad	0.375	0.0	6.5	1.0	0.843	0.0	25	0.843	0.0	63.0
14/234	Y75G_100_100ad	0.25	0.0	7.0	1.0	0.825	0.0	24	0.825	0.0	69.7
15/153	Y88G_100_100ad	0.125	0.0	7.5	1.0	0.807	0.0	23	0.807	0.0	51.4
16/72	G00C_100_100ad	0.0	1.0	0.0	1.0	0.0	0.0	143	0.0	0.0	100.5
17/73	G13C_100_100ad	0.0	1.0	0.125	1.0	0.0	0.0	149	0.0	0.0	155.5
18/74	G25C_100_100ad	0.0	1.0	0.25	1.0	0.0	0.0	156	0.0	0.0	74.3
19/75	G38C_100_100ad	0.0	1.0	0.375	1.0	0.0	0.0	162	0.0	0.0	160.5
20/76	G50C_100_100ad	0.0	1.0	0.5	1.0	0.0	0.0	171	0.0	0.0	65.2
21/77	G63C_100_100ad	0.0	1.0	0.625	1.0	0.0	0.0	177	0.0	0.0	179.1
22/78	G75C_100_100ad	0.0	1.0	0.75	1.0	0.0	0.0	188	0.0	0.0	57.3
23/79	G88C_100_100ad	0.0	1.0	0.875	1.0	0.0	0.0	197	0.0	0.0	246.9
24/80	C00B_100_100ad	0.0	1.0	0.0	1.0	0.0	0.0	210	0.0	0.0	53.1
25/81	C13B_100_100ad	0.0	1.0	0.125	1.0	0.0	0.0	216	0.0	0.0	281.0
26/82	C25B_100_100ad	0.0	1.0	0.25	1.0	0.0	0.0	222	0.0	0.0	44.6
27/83	C38B_100_100ad	0.0	1.0	0.375	1.0	0.0	0.0	231	0.0	0.0	53.7
28/84	C50B_100_100ad	0.0	1.0	0.5	1.0	0.0	0.0	237	0.0	0.0	246.9
29/85	C63B_100_100ad	0.0	1.0	0.625	1.0	0.0	0.0	244	0.0	0.0	51.1
30/86	C75B_100_100ad	0.0	1.0	0.75	1.0	0.0	0.0	248	0.0	0.0	153.3
31/87	C88B_100_100ad	0.0	1.0	0.875	1.0	0.0	0.0	257	0.0	0.0	49.2
32/88	B00M_100_100ad	0.0	1.0	0.0	1.0	0.0	0.0	270	0.0	0.0	34.9
33/89	B13M_100_100ad	0.125	0.0	0.5	1.0	0.0	0.0	276	0.0	0.0	16.9
34/170	B25M_100_100ad	0.25	0.0	1.0	1.0	0.0	0.0	282	0.0	0.0	23.1
35/251	B38M_100_100ad	0.375	0.0	1.5	1.0	0.0	0.0	291	0.0	0.0	48.3
36/332	B50M_100_100ad	0.5	0.0	2.0	1.0	0.0	0.0	300	0.0	0.0	298.6
37/413	B63M_100_100ad	0.625	0.0	2.5	1.0	0.0	0.0	308	0.0	0.0	39.6
38/494	B75M_100_100ad	0.75	0.0	3.0	1.0	0.0	0.0	317	0.0	0.0	31.6
39/575	B88M_100_100ad	0.875	0.0	3.5	1.0	0.0	0.0	323	0.0	0.0	324.4
40/656	M00R_100_100ad	1.0	0.0	0.0	1.0	0.0	0.0	330	0.0	0.0	49.8
41/655	M13R_100_100ad	1.0	0.0	0.125	1.0	0.0	0.0	336	0.0	0.0	20.9
42/654	M25R_100_100ad	1.0	0.0	0.25	1.0	0.0	0.0	342	0.0	0.0	12.7
43/653	M38R_100_100ad	1.0	0.0	0.375	1.0	0.0	0.0	351	0.0	0.0	66.1
44/652	M50R_100_100ad	1.0	0.0	0.5	1.0	0.0	0.0	360	0.0	0.0	10.9
45/651	M63R_100_100ad	1.0	0.0	0.625	1.0	0.0	0.0	368	0.0	0.0	353.7
46/650	M75R_100_100ad	1.0	0.0	0.75	1.0	0.0	0.0	377	0.0	0.0	64.7
47/649	M88R_100_100ad	1.0	0.0	0.875	1.0	0.0	0.0	383	0.0	0.0	7.1
48/648	R00Y_100_100ad	1.0	0.0	0.0	1.0	0.0	0.0	389	0.0	0.0	62.0
49/0	NV_000ad	0.0	0.0	0.0	0.0	0.0	0.0	390	0.0	0.0	59.8
50/91	NV_013ad	0.125	0.0	0.125	0.0	0.0	0.0	360	1.0	1.0	95.8
51/182	NV_025ad	0.25	0.0	0.25	0.0	0.0	0.0	360	1.0	1.0	0.0
52/273	NV_038ad	0.375	0.0	0.375	0.0	0.0	0.0	360	1.0	1.0	0.0
53/564	NV_050ad	0.5	0.0	0.5	0.0	0.0	0.0	360	1.0	1.0	0.0
54/455	NV_063ad	0.625	0.0	0.625	0.0	0.0	0.0	360	1.0	1.0	0.0
55/546	NV_075ad	0.75	0.0	0.75	0.0	0.0	0.0	360	1.0	1.0	0.0
56/637	NV_088ad	0.875	0.0	0.875	0.0	0.0	0.0	360	1.0	1.0	0.0
57/728	NV_100ad	1.0	0.0	1.0	0.0	0.0	0.0	360	1.0	1.0	0.0

PI890-7N_18/33-F

4-1031730-F0

4-1031730-F0

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

<http://farbe.li.tu-berlin.de/PI89/PI89L0FP.PDF /.PS>; linearizzazione 3D
F: linearizzazione 3D PI89/PI89L30FP.DAT nel file (F), pagine 19/33

nif	HC*Fid	rgb_Fid	icr_Fid	hsa_Fid	rgb*Fid	LabC*Fid	cmyk*_sep_Fid	cmyn*_sep_Fid	hsa*Fid	rgb*Fid	LabC*Fid	delta
0/648	ROY_100_1000d	1.0	0.0	0.0	0.0	0.0	0.0	0.0	390	1.0	0.0	0.0
1/666	R25Y_100_1000d	0.0	0.5	0.5	0.0	0.0	0.0	0.0	390	1.0	0.0	0.0
2/684	R50Y_100_1000d	0.0	0.5	0.5	0.0	0.0	0.0	0.0	390	1.0	0.0	0.0
3/702	R75Y_100_1000d	0.0	0.5	0.5	0.0	0.0	0.0	0.0	390	1.0	0.0	0.0
4/720	Y00C_100_1000d	0.0	0.0	0.0	0.0	0.0	0.0	0.0	390	1.0	0.0	0.0
5/738	Y25C_100_1000d	0.0	0.0	0.0	0.0	0.0	0.0	0.0	390	1.0	0.0	0.0
6/756	Y50C_100_1000d	0.0	0.0	0.0	0.0	0.0	0.0	0.0	390	1.0	0.0	0.0
7/774	Y75C_100_1000d	0.0	0.0	0.0	0.0	0.0	0.0	0.0	390	1.0	0.0	0.0
8/792	G00B_100_1000d	0.0	0.0	0.0	0.0	0.0	0.0	0.0	390	1.0	0.0	0.0
9/774	G00B_100_1000d	0.0	0.0	0.0	0.0	0.0	0.0	0.0	390	1.0	0.0	0.0
10/774	G25B_100_1000d	0.0	0.0	0.0	0.0	0.0	0.0	0.0	390	1.0	0.0	0.0
11/780	G50B_100_1000d	0.0	0.0	0.0	0.0	0.0	0.0	0.0	390	1.0	0.0	0.0
12/444	G75B_100_1000d	0.0	0.0	0.0	0.0	0.0	0.0	0.0	390	1.0	0.0	0.0
13/8	B00M_100_1000d	0.0	0.0	0.0	0.0	0.0	0.0	0.0	390	1.0	0.0	0.0
14/332	B25R_100_1000d	0.0	0.0	0.0	0.0	0.0	0.0	0.0	390	1.0	0.0	0.0
15/652	B50R_100_1000d	0.0	0.0	0.0	0.0	0.0	0.0	0.0	390	1.0	0.0	0.0
16/652	B75R_100_1000d	0.0	0.0	0.0	0.0	0.0	0.0	0.0	390	1.0	0.0	0.0
17/648	ROY_100_1000d	1.0	0.0	0.0	0.0	0.0	0.0	0.0	390	1.0	0.0	0.0
18/688	ROY_100_0500d	1.0	0.5	0.5	0.0	0.0	0.0	0.0	390	1.0	0.0	0.0
19/706	R50Y_100_0500d	0.0	0.5	0.5	0.0	0.0	0.0	0.0	390	1.0	0.0	0.0
20/724	Y00C_100_0500d	1.0	0.0	0.0	0.0	0.0	0.0	0.0	390	1.0	0.0	0.0
21/400	G00B_100_0500d	0.0	0.0	0.0	0.0	0.0	0.0	0.0	390	1.0	0.0	0.0
22/400	G25B_100_0500d	0.0	0.0	0.0	0.0	0.0	0.0	0.0	390	1.0	0.0	0.0
23/400	G50B_100_0500d	0.0	0.0	0.0	0.0	0.0	0.0	0.0	390	1.0	0.0	0.0
24/400	G75B_100_0500d	0.0	0.0	0.0	0.0	0.0	0.0	0.0	390	1.0	0.0	0.0
25/692	B50R_100_0500d	1.0	0.0	0.0	0.0	0.0	0.0	0.0	390	1.0	0.0	0.0
26/688	ROY_100_0500d	1.0	0.5	0.5	0.0	0.0	0.0	0.0	390	1.0	0.0	0.0
27/506	ROY_075_0500d	0.75	0.25	0.25	0.75	0.25	0.25	0.25	390	0.75	0.25	0.25
28/524	R50Y_075_0500d	0.75	0.25	0.25	0.75	0.25	0.25	0.25	390	0.75	0.25	0.25
29/542	Y00C_075_0500d	0.75	0.25	0.25	0.75	0.25	0.25	0.25	390	0.75	0.25	0.25
30/380	Y50C_075_0500d	0.5	0.75	0.25	0.75	0.25	0.25	0.25	390	0.5	0.75	0.25
31/218	G00B_075_0500d	0.25	0.75	0.25	0.75	0.25	0.25	0.25	390	0.25	0.75	0.25
32/222	G50B_075_0500d	0.25	0.75	0.25	0.75	0.25	0.25	0.25	390	0.25	0.75	0.25
33/186	B00R_075_0500d	0.25	0.75	0.25	0.75	0.25	0.25	0.25	390	0.25	0.75	0.25
34/510	B50R_075_0500d	0.75	0.25	0.25	0.75	0.25	0.25	0.25	390	0.75	0.25	0.25
35/506	ROY_075_0500d	0.75	0.25	0.25	0.75	0.25	0.25	0.25	390	0.75	0.25	0.25
36/324	ROY_050_0500d	0.5	0.0	0.0	0.5	0.0	0.0	0.0	390	0.5	0.0	0.0
37/342	R50Y_050_0500d	0.5	0.25	0.25	0.5	0.25	0.25	0.25	390	0.5	0.25	0.25
38/360	Y00C_050_0500d	0.5	0.5	0.25	0.5	0.25	0.25	0.25	390	0.5	0.5	0.25
39/198	Y50C_050_0500d	0.25	0.5	0.25	0.5	0.25	0.25	0.25	390	0.25	0.5	0.25
40/36	G00B_050_0500d	0.0	0.5	0.25	0.5	0.25	0.25	0.25	390	0.0	0.5	0.25
41/40	G50B_050_0500d	0.0	0.5	0.25	0.5	0.25	0.25	0.25	390	0.0	0.5	0.25
42/4	B00R_050_0500d	0.0	0.5	0.25	0.5	0.25	0.25	0.25	390	0.0	0.5	0.25
43/328	B50R_050_0500d	0.5	0.0	0.0	0.5	0.0	0.0	0.0	390	0.5	0.0	0.0
44/324	ROY_050_0500d	0.5	0.0	0.0	0.5	0.0	0.0	0.0	390	0.5	0.0	0.0
45/0	NW_0000d	0.0	0.0	0.0	0.0	0.0	0.0	0.0	360	0.0	0.0	0.0
46/91	NW_0150d	0.125	0.125	0.125	0.125	0.125	0.125	0.125	360	0.125	0.125	0.125
47/182	NW_0250d	0.25	0.25	0.25	0.25	0.25	0.25	0.25	360	0.25	0.25	0.25
48/273	NW_0350d	0.375	0.375	0.375	0.375	0.375	0.375	0.375	360	0.375	0.375	0.375
49/364	NW_0500d	0.5	0.5	0.5	0.5	0.5	0.5	0.5	360	0.5	0.5	0.5
50/455	NW_0650d	0.625	0.625	0.625	0.625	0.625	0.625	0.625	360	0.625	0.625	0.625
51/546	NW_0800d	0.75	0.75	0.75	0.75	0.75	0.75	0.75	360	0.75	0.75	0.75
52/637	NW_0850d	0.875	0.875	0.875	0.875	0.875	0.875	0.875	360	0.875	0.875	0.875
53/728	NW_1000d	1.0	1.0	1.0	1.0	1.0	1.0	1.0	360	1.0	1.0	1.0

Input: rgb/cmyk -> rgbdd
Output: 3D-linearizzazione a cmyk*dd

grafico TUB-PI89; cerchio delle tinte a 16 passi
colori e la differenza, ΔE^*

<http://farbe.li.tu-berlin.de/PI89/PI89L0FP.PDF /.PS; linearizzazione 3D>
F: linearizzazione 3D PI89/PI89L30FP.DAT nel file (F), pagine 21/33

n	HC*Fid	rgb_Fid	ier_Fid	hsa_Fid	rgb*Fid	LabC*Fid	cmyk*_sep_Fid	hsa*Fid	rgb*Fid	LabC*Fid	delta	
81	BOYR_012_012ad	0.125 0.0	0.125 0.0	0.125 0.0	0.125 0.0	26.8 7.1	4.7 8.5	0.482	0.398	0.874	0.398	
82	BOYR_012_012ad	0.125 0.0	0.125 0.0	0.125 0.0	0.125 0.0	26.8 7.1	8.5 4.7	0.482	0.398	0.874	0.398	
83	B2SK_025_025ad	0.125 0.25	0.25 0.25	0.125 0.25	0.125 0.25	26.8 8.1	-1.5 8.3	0.459	0.135	0.866	0.135	
84	B1SK_037_037ad	0.125 0.0	0.375 0.0	0.375 0.0	0.375 0.0	27.1 10.7	-7.7 13.2	0.521	0.077	0.825	0.077	
85	B1LK_050_050ad	0.125 0.0	0.5 0.5	0.5 0.5	0.5 0.5	27.4 13.0	-13.9 19.1	0.615	0.23	0.762	0.23	
86	BOYR_062_062ad	0.125 0.0	0.625 0.0	0.625 0.0	0.625 0.0	28.4 16.8	-19.9 24.8	0.732	0.0	0.678	0.0	
87	BOYR_075_075ad	0.125 0.0	0.75 0.0	0.75 0.0	0.75 0.0	28.4 16.8	-25.6 30.6	0.803	0.0	0.585	0.0	
88	BOYR_087_087ad	0.125 0.0	0.875 0.0	0.875 0.0	0.875 0.0	29.7 18.7	-31.3 36.5	0.832	0.0	0.512	0.0	
89	BOYR_100_100ad	0.125 0.0	1.0 0.0	1.0 0.0	1.0 0.0	30.6 21.0	-36.8 42.4	0.998	0.0	0.394	0.0	
90	YOOC_012_012ad	0.125 0.125	0.125 0.125	0.125 0.125	0.125 0.125	31.6 19.1	10.5 10.7	0.000	0.0	0.882	0.0	
91	YOOC_012_012ad	0.125 0.125	0.125 0.125	0.125 0.125	0.125 0.125	31.6 19.1	10.5 10.7	0.000	0.0	0.882	0.0	
92	BOYR_025_012ad	0.125 0.125	0.125 0.0	0.125 0.0	0.125 0.0	32.8 33.9	0.0 0.0	0.054	0.111	0.815	0.111	
93	BOYR_037_025ad	0.125 0.125	0.125 0.25	0.125 0.25	0.125 0.25	33.9 21.1	-5.5 5.9	0.069	0.156	0.781	0.156	
94	BOYR_050_037ad	0.125 0.125	0.375 0.25	0.375 0.25	0.375 0.25	35.0 4.2	-11.1 11.9	0.207	0.302	0.715	0.302	
95	BOYR_062_050ad	0.125 0.125	0.625 0.25	0.625 0.25	0.625 0.25	36.1 6.3	-16.7 17.8	0.298	0.393	0.636	0.393	
96	BOYR_075_062ad	0.125 0.125	0.75 0.25	0.75 0.25	0.75 0.25	37.2 8.4	-22.3 23.8	0.398	0.506	0.544	0.506	
97	BOYR_087_075ad	0.125 0.125	0.875 0.25	0.875 0.25	0.875 0.25	38.2 10.5	-27.8 29.8	0.526	0.606	0.445	0.606	
98	BOYR_100_087ad	0.125 0.125	1.0 0.0	1.0 0.0	1.0 0.0	40.4 14.8	-33.4 35.7	0.694	0.694	0.326	0.694	
99	YOOC_025_025ad	0.125 0.25	0.25 0.25	0.125 0.25	0.125 0.25	40.4 14.8	-39.0 41.7	0.908	0.688	0.173	0.908	
100	YOOC_025_025ad	0.125 0.25	0.25 0.25	0.125 0.25	0.125 0.25	40.4 14.8	-39.0 41.7	0.908	0.688	0.173	0.908	
101	YOOC_037_025ad	0.125 0.25	0.375 0.25	0.125 0.375	0.125 0.375	41.7 17.2	13.7 17.2	0.279	0.399	0.779	0.399	
102	G84B_050_037ad	0.125 0.25	0.375 0.25	0.25 0.25	0.25 0.25	43.8 9.2	3.8 9.2	0.252	0.0	0.766	0.0	
103	G84B_062_050ad	0.125 0.25	0.625 0.25	0.375 0.25	0.375 0.25	45.3 5.3	6.5 6.5	0.282	0.0	0.688	0.0	
104	G84B_075_062ad	0.125 0.25	0.75 0.25	0.625 0.25	0.625 0.25	46.6 0.8	-18.4 18.4	0.328	0.123	0.626	0.123	
105	G84B_100_075ad	0.125 0.25	1.0 0.0	0.875 0.25	0.875 0.25	48.2 3.8	-24.1 24.2	0.407	0.0	0.532	0.0	
106	G93B_100_087ad	0.125 0.25	1.0 0.0	1.0 0.0	1.0 0.0	49.2 6.9	-28.7 29.9	0.414	0.0	0.414	0.0	
107	G93B_100_087ad	0.125 0.25	1.0 0.0	1.0 0.0	1.0 0.0	49.2 6.9	-28.7 29.9	0.414	0.0	0.414	0.0	
108	Y86C_037_037ad	0.125 0.375	0.375 0.375	0.375 0.375	0.375 0.375	42.1 42.1	0.0 0.0	0.151	0.263	0.89	0.263	
109	YOOC_037_037ad	0.125 0.375	0.375 0.375	0.375 0.375	0.375 0.375	42.1 42.1	0.0 0.0	0.151	0.263	0.89	0.263	
110	YOOC_037_037ad	0.125 0.375	0.375 0.375	0.375 0.375	0.375 0.375	42.1 42.1	0.0 0.0	0.151	0.263	0.89	0.263	
111	G58B_050_050ad	0.125 0.375	0.375 0.375	0.375 0.375	0.375 0.375	44.4 4.4	-19.5 16.7	0.441	0.0	0.695	0.441	
112	G61B_050_050ad	0.125 0.375	0.375 0.375	0.375 0.375	0.375 0.375	44.4 4.4	-19.5 16.7	0.441	0.0	0.695	0.441	
113	G61B_050_050ad	0.125 0.375	0.375 0.375	0.375 0.375	0.375 0.375	44.4 4.4	-19.5 16.7	0.441	0.0	0.695	0.441	
114	G84B_075_062ad	0.125 0.375	0.625 0.25	0.625 0.25	0.625 0.25	44.4 4.4	-19.5 16.7	0.441	0.0	0.695	0.441	
115	G84B_075_062ad	0.125 0.375	0.625 0.25	0.625 0.25	0.625 0.25	44.4 4.4	-19.5 16.7	0.441	0.0	0.695	0.441	
116	Y86C_087_087ad	0.125 0.5 0.0	0.5 0.0	0.5 0.0	0.5 0.0	47.0 49.6	0.0 0.0	0.527	0.659	0.518	0.659	
117	Y86C_087_087ad	0.125 0.5 0.0	0.5 0.0	0.5 0.0	0.5 0.0	47.0 49.6	0.0 0.0	0.527	0.659	0.518	0.659	
118	G00B_050_075ad	0.125 0.5 0.125	0.5 0.125	0.5 0.125	0.5 0.125	49.6 40.4	-28.9 19.8	0.351	0.445	0.559	0.445	
119	G15B_050_075ad	0.125 0.5 0.25	0.5 0.25	0.5 0.25	0.5 0.25	49.6 40.4	-28.9 19.8	0.351	0.445	0.559	0.445	
120	G34B_050_075ad	0.125 0.5 0.375	0.5 0.375	0.5 0.375	0.5 0.375	51.1 27.6	-15.5 22.8	0.442	0.533	0.518	0.533	
121	G34B_050_075ad	0.125 0.5 0.375	0.5 0.375	0.5 0.375	0.5 0.375	51.1 27.6	-15.5 22.8	0.442	0.533	0.518	0.533	
122	G61B_062_050ad	0.125 0.5 0.625	0.625 0.25	0.625 0.25	0.625 0.25	51.1 27.6	-15.5 22.8	0.442	0.533	0.518	0.533	
123	G61B_062_050ad	0.125 0.5 0.625	0.625 0.25	0.625 0.25	0.625 0.25	51.1 27.6	-15.5 22.8	0.442	0.533	0.518	0.533	
124	G75B_087_075ad	0.125 0.5 0.875	0.875 0.25	0.875 0.25	0.875 0.25	53.3 49.3	-11.2 16.1	0.436	0.0	0.683	0.0	
125	G75B_087_075ad	0.125 0.5 0.875	0.875 0.25	0.875 0.25	0.875 0.25	53.3 49.3	-11.2 16.1	0.436	0.0	0.683	0.0	
126	Y81G_062_062ad	0.125 0.625 0.0	0.625 0.625	0.625 0.625	0.625 0.625	45.6 37.4	0.0 0.0	0.814	0.0	0.704	0.0	
127	Y81G_062_062ad	0.125 0.625 0.0	0.625 0.625	0.625 0.625	0.625 0.625	45.6 37.4	0.0 0.0	0.814	0.0	0.704	0.0	
128	G11B_062_050ad	0.125 0.625 0.25	0.625 0.5	0.625 0.5	0.625 0.5	47.8 31.8	7.0 32.6	0.671	0.635	0.571	0.635	
129	G38B_062_050ad	0.125 0.625 0.375	0.625 0.5	0.625 0.5	0.625 0.5	48.4 19.6	-13.9 24.0	0.562	0.0	0.712	0.0	
130	G38B_062_050ad	0.125 0.625 0.375	0.625 0.5	0.625 0.5	0.625 0.5	48.4 19.6	-13.9 24.0	0.562	0.0	0.712	0.0	
131	G59B_075_062ad	0.125 0.625 0.75	0.75 0.625	0.75 0.625	0.75 0.625	51.0 16.9	-28.7 33.3	0.295	0.661	0.384	0.661	
132	G59B_075_062ad	0.125 0.625 0.75	0.75 0.625	0.75 0.625	0.75 0.625	51.0 16.9	-28.7 33.3	0.295	0.661	0.384	0.661	
133	G65B_100_087ad	0.125 0.625 1.0	1.0 0.875	1.0 0.875	1.0 0.875	53.7 54.9	-17.4 36.5	0.445	0.769	0.186	0.445	
134	G65B_100_087ad	0.125 0.625 1.0	1.0 0.875	1.0 0.875	1.0 0.875	53.7 54.9	-17.4 36.5	0.445	0.769	0.186	0.445	
135	Y85G_075_075ad	0.125 0.75 0.0	0.75 0.75	0.75 0.75	0.75 0.75	49.2 49.2	0.0 0.0	0.003	0.304	0.003	0.304	
136	G00B_075_062ad	0.125 0.75 0.125	0.75 0.125	0.75 0.125	0.75 0.125	51.9 46.3	26.7 35.1	0.497	0.675	0.355	0.675	
137	G00B_075_062ad	0.125 0.75 0.125	0.75 0.125	0.75 0.125	0.75 0.125	51.9 46.3	26.7 35.1	0.497	0.675	0.355	0.675	
138	G00B_075_062ad	0.125 0.75 0.125	0.75 0.125	0.75 0.125	0.75 0.125	51.9 46.3	26.7 35.1	0.497	0.675	0.355	0.675	
139	G00B_075_062ad	0.125 0.75 0.125	0.75 0.125	0.75 0.125	0.75 0.125	51.9 46.3	26.7 35.1	0.497	0.675	0.355	0.675	
140	G00B_075_062ad	0.125 0.75 0.125	0.75 0.125	0.75 0.125	0.75 0.125	51.9 46.3	26.7 35.1	0.497	0.675	0.355	0.675	
141	G00B_075_062ad	0.125 0.75 0.125	0.75 0.125	0.75 0.125	0.75 0.125	51.9 46.3	26.7 35.1	0.497	0.675	0.355	0.675	
142	G57B_087_075ad	0.125 0.75 1.0	1.0 0.875	1.0 0.875	1.0 0.875	54.7 20.6	-33.9 39.7	0.336	0.655	0.253	0.655	
143	G57B_087_075ad	0.125 0.75 1.0	1.0 0.875	1.0 0.875	1.0 0.875	54.7 20.6	-33.9 39.7	0.336	0.655	0.253	0.655	
144	Y86C_087_087ad	0.125 0.75 1.0	1.0 0.875	1.0 0.875	1.0 0.875	54.7 20.6	-33.9 39.7	0.336	0.655	0.253	0.655	
145	G07B_087_075ad	0.125 0.875 0.125	0.875 0.125	0.875 0.125	0.875 0.125	53.0 53.0	-22.1 41.8	0.473	0.317	0.001	0.473	
146	G07B_087_075ad	0.125 0.875 0.125	0.875 0.125	0.875 0.125	0.875 0.125	53.0 53.0	-22.1 41.8	0.473	0.317	0.001	0.473	
147	G15B_087_075ad	0.125 0.875 0.25	0.875 0.25	0.875 0.25	0.875 0.25	55.7 49.4	15.6 17.6	0.797	0.0	0.563	0.0	
148	G25B_087_075ad	0.125 0.875 0.375	0.875 0.375	0.875 0.375	0.875 0.375	56.2 45.6	4.2 45.2	0.914	0.0	0.424	0.0	
149	G34B_087_075ad	0.125 0.875 0.625	0.875 0.625	0.875 0.625	0.875 0.625	56.2 45.6	4.2 45.2	0.914	0.0	0.424	0.0	
150	G42B_087_075ad	0.125 0.875 0.75	0.875 0.75	0.875 0.75	0.875 0.75	59.9 28.0	-31.6 36.1	209.1	0.768	0.286	0.768	
151	G56B_100_087ad	0.125 0.875 1.0	1.0 0.875	1.0 0.875	1.0 0.875	54.8 22.3	-32.3 39.3	0.336	0.655	0.253	0.655	
152	G56B_100_087ad	0.125 0.875 1.0	1.0 0.875	1.0 0.875	1.0 0.875	54.8 22.3	-32.3 39.3	0.336	0.655	0.253	0.655	
153	Y88C_100_100ad	0.125 1.0 0.0	1.0 0.0	1.0 0.0	1.0 0.0	56.8 56.8	-62.5 34.1	0.713	0.881	0.0	0.999	0.0
154	G00B_100_087ad	0.125 1.0 0.125	1.0 0.125	1.0 0.125	1.0 0.125	59.9 26.9	65.0 151.5	0.841	0.0	0.125	0.841	
155	G00B_100_087ad	0.125 1.0 0.25	1.0 0.25	1.0 0.25	1.0 0.25	59.9 26.9	65.0 151.5	0.841	0.0	0.125	0.841	
156	G13B_100_087ad	0.125 1.0 0.375	1.0 0.375	1.0 0.375	1.0 0.375	59.1 54.6						

http://farbe.li.tu-berlin.de/PI89/PI89L0FP.PDF /.PS; linearizzazione 3D
F: linearizzazione 3D PI89/PI89L30FP.DAT nel file (F), pagine 22/33

n	HC*Fid	rgb*Fid	ier*Fid	hsa*Fid	rgb*Fid	LabCM*Fid	cmyk*sep.Fid	hsa*Fid	rgb*Fid	LabCM*Fid	cmyk*sep.Fid	hsa*Fid	rgb*Fid	LabCM*Fid	delta
162	ROY_025_025	0.25 0.0	0.25 0.0	0.25 0.0	0.25 0.0	29.7	0.624	0.53	0.722	33.4	0.0	0.624	0.53	0.722	37.8
163	ROY_025_025	0.25 0.0	0.25 0.0	0.25 0.0	0.25 0.0	29.8	0.581	0.323	0.735	17.1	0.0	0.581	0.323	0.735	68.6
164	B50R_025_025	0.25 0.0	0.25 0.0	0.25 0.0	0.25 0.0	14.3	0.579	0.168	0.744	9.4	0.0	0.579	0.168	0.744	59.9
165	B34R_037_037	0.25 0.0	0.375 0.187	0.31	0.256	29.9	0.607	0.743	334.9	2.6	0.0	0.607	0.743	348.9	10.4
166	B25K_090_050	0.25 0.0	0.5 0.25	0.0	0.25	30.0	0.709	0.0	0.65	3.1	0.0	0.709	0.0	0.65	-12.7
167	B19K_062_062	0.25 0.0	0.625 0.312	0.0	0.239	30.1	0.801	0.0	0.206	-9.2	0.0	0.801	0.0	0.206	57.2
168	B15K_075_075	0.25 0.0	0.75 0.375	0.0	0.237	30.2	0.866	0.0	0.435	16.5	0.0	0.866	0.0	0.435	34.4
169	B13K_087_087	0.25 0.0	0.875 0.437	0.0	0.233	30.3	0.922	0.0	0.33	-21.7	0.0	0.922	0.0	0.33	-30.8
170	B11R_100_100	0.25 0.0	1.0 0.5	0.0	0.233	30.4	0.998	0.0	0.0	-34.0	0.0	0.998	0.0	0.0	31.9
171	R50Y_025_025	0.25 0.125	0.0	0.0	0.25	30.5	0.345	0.576	0.713	17.2	0.0	0.345	0.576	0.713	30.9
172	R50Y_025_025	0.25 0.125	0.0	0.0	0.25	30.6	0.304	0.724	37.8	16.5	0.0	0.304	0.724	37.8	30.6
173	B50R_025_012	0.25 0.125	0.187 0.312	0.0	0.25	30.7	0.312	0.13	0.734	8.3	0.0	0.312	0.13	0.734	68.6
174	B25K_037_037	0.25 0.125	0.375 0.187	0.0	0.25	30.8	0.369	0.0	0.369	-1.5	0.0	0.369	0.0	0.369	34.8
175	B15K_037_037	0.25 0.125	0.375 0.187	0.0	0.25	30.9	0.442	0.0	0.442	-13.9	0.0	0.442	0.0	0.442	53.0
176	B09K_062_062	0.25 0.125	0.625 0.312	0.0	0.241	31.0	0.553	0.0	0.553	-19.9	0.0	0.553	0.0	0.553	31.2
177	B09K_075_062	0.25 0.125	0.625 0.312	0.0	0.237	31.1	0.661	0.0	0.445	-25.6	0.0	0.661	0.0	0.445	49.6
178	B06K_087_075	0.25 0.125	0.875 0.437	0.0	0.237	31.2	0.737	0.0	0.332	-31.3	0.0	0.737	0.0	0.332	30.3
179	B06K_100_087	0.25 0.125	1.0 0.5	0.0	0.241	31.3	0.824	0.0	0.174	-36.8	0.0	0.824	0.0	0.174	48.6
180	Y06G_025_012	0.25 0.125	0.0	0.0	0.25	31.4	0.095	0.536	0.718	10.5	0.0	0.095	0.536	0.718	29.9
181	Y06G_025_012	0.25 0.125	0.0	0.0	0.25	31.5	0.074	0.356	0.72	10.7	0.0	0.074	0.356	0.72	86.1
182	Y06G_025_012	0.25 0.125	0.0	0.0	0.25	31.6	0.032	0.082	0.716	0.0	0.0	0.032	0.082	0.716	100.5
183	Y06G_037_012	0.25 0.125	0.187 0.312	0.0	0.249	31.7	0.103	0.103	0.682	0.0	0.0	0.103	0.103	0.682	0.0
184	B09K_050_025	0.25 0.125	0.375 0.187	0.0	0.249	31.8	0.213	0.0	0.624	-5.5	0.0	0.213	0.0	0.624	47.7
185	B06K_062_037	0.25 0.125	0.625 0.312	0.0	0.25	31.9	0.354	0.0	0.532	17.8	0.0	0.354	0.0	0.532	290.8
186	B06K_075_037	0.25 0.125	0.625 0.312	0.0	0.25	32.0	0.425	0.0	0.425	-22.3	0.0	0.425	0.0	0.425	47.7
187	B06K_087_037	0.25 0.125	0.875 0.437	0.0	0.25	32.1	0.528	0.0	0.32	-28.5	0.0	0.528	0.0	0.32	290.8
188	B06K_100_037	0.25 0.125	1.0 0.5	0.0	0.25	32.2	0.652	0.0	0.17	-35.8	0.0	0.652	0.0	0.17	47.7
189	Y50G_037_037	0.25 0.375	0.0	0.0	0.256	32.3	0.0	0.664	0.653	10.8	0.0	0.0	0.664	0.653	109.8
190	Y50G_037_037	0.25 0.375	0.0	0.0	0.256	32.4	0.0	0.485	0.653	11.9	0.0	0.0	0.485	0.653	81.3
191	G08B_037_012	0.25 0.375	0.125 0.312	0.0	0.249	32.5	0.089	0.0	0.641	-41.7	0.0	0.089	0.0	0.641	127.3
192	G08B_037_012	0.25 0.375	0.125 0.312	0.0	0.249	32.6	0.189	0.0	0.393	-47.6	0.0	0.189	0.0	0.393	155.5
193	G75B_050_025	0.25 0.375	0.5 0.25	0.0	0.249	32.7	0.222	0.0	0.094	-53.3	0.0	0.222	0.0	0.094	74.3
194	G84B_062_037	0.25 0.375	0.625 0.312	0.0	0.249	32.8	0.228	0.0	0.514	-60.8	0.0	0.228	0.0	0.514	155.5
195	G88B_075_050	0.25 0.375	0.625 0.312	0.0	0.25	32.9	0.354	0.0	0.399	-67.6	0.0	0.354	0.0	0.399	189.8
196	G88B_087_062	0.25 0.375	0.625 0.312	0.0	0.25	33.0	0.458	0.0	0.256	-75.3	0.0	0.458	0.0	0.256	224.9
197	G92B_100_050	0.25 0.375	1.0 0.5	0.0	0.25	33.1	0.544	0.0	0.183	-84.8	0.0	0.544	0.0	0.183	273.8
198	Y50G_050_050	0.25 0.5	0.0	0.0	0.25	33.2	0.0	0.75	0.532	119	0.0	0.0	0.75	0.532	279.6
199	Y68G_050_037	0.25 0.5	0.375 0.187	0.0	0.243	33.3	0.0	0.619	0.544	131	0.0	0.0	0.619	0.544	68.9
200	G08B_050_025	0.25 0.5	0.25 0.125	0.0	0.249	33.4	0.0	0.444	0.531	149	0.0	0.0	0.444	0.531	139.4
201	G25B_050_025	0.25 0.5	0.25 0.125	0.0	0.249	33.5	0.0	0.26	0.548	180	0.0	0.0	0.26	0.548	155.5
202	G58B_062_037	0.25 0.5	0.625 0.312	0.0	0.249	33.6	0.0	0.027	0.588	210	0.0	0.0	0.027	0.588	189.8
203	G65B_062_037	0.25 0.5	0.625 0.312	0.0	0.249	33.7	0.0	0.202	0.502	228	0.0	0.0	0.202	0.502	235.1
204	G75B_075_050	0.25 0.5	0.625 0.312	0.0	0.25	33.8	0.0	0.379	0.466	247	0.0	0.0	0.379	0.466	244.9
205	G84B_100_075	0.25 0.5	0.875 0.437	0.0	0.25	33.9	0.0	0.094	0.417	281	0.0	0.0	0.094	0.417	262.1
206	G88B_100_075	0.25 0.5	0.875 0.437	0.0	0.25	34.0	0.0	0.812	0.422	317	0.0	0.0	0.812	0.422	267.3
207	Y61G_102_062	0.25 0.625	0.0	0.0	0.239	34.1	0.0	0.695	0.421	342	0.0	0.0	0.695	0.421	134.2
208	Y16G_102_050	0.25 0.625	0.0	0.0	0.241	34.2	0.0	0.548	0.41	368	0.0	0.0	0.548	0.41	145.5
209	G08B_062_037	0.25 0.625	0.375 0.437	0.0	0.25	34.3	0.0	0.204	0.463	419	0.0	0.0	0.204	0.463	155.5
210	G15B_062_037	0.25 0.625	0.375 0.437	0.0	0.25	34.4	0.0	0.025	0.509	468	0.0	0.0	0.025	0.509	174.6
211	G34B_062_037	0.25 0.625	0.625 0.312	0.0	0.25	34.5	0.0	0.38	0.463	519	0.0	0.0	0.38	0.463	188.1
212	G61B_075_050	0.25 0.625	0.875 0.437	0.0	0.25	34.6	0.0	0.029	0.502	582	0.0	0.0	0.029	0.502	209.1
213	G61B_075_050	0.25 0.625	0.875 0.437	0.0	0.25	34.7	0.0	0.029	0.502	622	0.0	0.0	0.029	0.502	235.1
214	G98B_100_075	0.25 0.625	1.0 0.5	0.0	0.25	34.8	0.0	0.029	0.502	661	0.0	0.0	0.029	0.502	247.7
215	G98B_100_075	0.25 0.625	1.0 0.5	0.0	0.25	34.9	0.0	0.029	0.502	700	0.0	0.0	0.029	0.502	254.9
216	Y86G_075_075	0.25 0.75	0.0	0.0	0.237	35.0	0.0	0.88	0.317	739	0.0	0.0	0.88	0.317	139.4
217	Y86G_075_062	0.25 0.75	0.0	0.0	0.239	35.1	0.0	0.77	0.296	787	0.0	0.0	0.77	0.296	148.1
218	G15B_075_062	0.25 0.75	0.625 0.312	0.0	0.25	35.2	0.0	0.692	0.285	849	0.0	0.0	0.692	0.285	175.3
219	G15B_075_062	0.25 0.75	0.625 0.312	0.0	0.25	35.3	0.0	0.58	0.28	911	0.0	0.0	0.58	0.28	190.8
220	G38B_075_050	0.25 0.75	0.625 0.312	0.0	0.25	35.4	0.0	0.351	0.28	980	0.0	0.0	0.351	0.28	218.8
221	G38B_075_050	0.25 0.75	0.625 0.312	0.0	0.25	35.5	0.0	0.187	0.358	1071	0.0	0.0	0.187	0.358	251.4
222	G58B_087_050	0.25 0.75	0.625 0.312	0.0	0.25	35.6	0.0	0.015	0.398	1154	0.0	0.0	0.015	0.398	281.4
223	G58B_087_050	0.25 0.75	0.625 0.312	0.0	0.25	35.7	0.0	0.015	0.398	1240	0.0	0.0	0.015	0.398	315.4
224	G68B_100_087	0.25 0.75	0.875 0.437	0.0	0.25	35.8	0.0	0.037	0.446	1329	0.0	0.0	0.037	0.446	339.4
225	G68B_100_087	0.25 0.75	0.875 0.437	0.0	0.25	35.9	0.0	0.037	0.446	1424	0.0	0.0	0.037	0.446	374.4
226	Y86G_087_050	0.25 0.875	0.0	0.0	0.237	36.0	0.0	0.932	0.236	1515	0.0	0.0	0.932	0.236	409.4
227	Y86G_087_050	0.25 0.875	0.0	0.0	0.237	36.1	0.0	0.806	0.201	1609	0.0	0.0	0.806	0.201	444.4
228	G08B_087_062	0.25 0.875	0.375 0.437	0.0	0.25	36.2	0.0	0.689	0.187	1704	0.0	0.0	0.689	0.187	479.4
229	G08B_087_062	0.25 0.875	0.375 0.437	0.0	0.25	36.3	0.0	0.592	0.19	1800	0.0	0.0	0.592	0.19	514.4
230	G19B_087_062	0.25 0.875	0.625 0.312	0.0	0.25	36.4	0.0	0.278	0.199	1896	0.0	0.0	0.278	0.199	549.4
231	G40B_087_062	0.25 0.875	0.625 0.312	0.0	0.25	36.5	0.0	0.184	0.238	2000	0.0	0.0	0.184	0.238	584.4
232	G40B_087_062	0.25 0.875	0.625 0.312	0.0	0.25	36.6	0.0	0.008	0.279	2107	0.0	0.0	0.008	0.279	619.4
233	G57B_100_075	0.25 0.875	1.0 0.5	0.0	0.25	36.7	0.0	0.0	0.105	2217	0.0	0.0	0.0	0.105	654.4
234	Y16G_														

<http://farbe.li.tu-berlin.de/PI89/PI89L0FP.PDF /.PS>; linearizzazione 3D
F: linearizzazione 3D PI89/PI89L30FP.DAT nel file (F), pagine 24/33

Input: *rgb/cmyk* -> *rgbd*
Output: 3D-linearizzazione a *cmyk**.dd

n	HC* _{Fid}	rgb* _{Fid}	icc* _{Fid}	hsa* _{Fid}	rgb* _{Fid}	LabC* _{Fid}	cmynk* _{sep,Fid}	cmynk* _{sep,Fid}	hsa* _{Fid}	rgb* _{Fid}	LabC* _{Fid}	delta
324	R00Y_050_050	0.5	0.5	0.25	0.0	35.7	0.803	0.705	389	1.0	47.5	68.6
325	R00Y_050_050	0.5	0.0	0.25	0.0	35.7	0.802	0.601	379	1.0	47.5	57.0
326	R00Y_050_050	0.5	0.0	0.25	0.0	35.7	0.802	0.601	379	1.0	47.5	57.0
327	B00R_050_050	0.5	0.0	0.25	0.0	35.7	0.78	0.415	360	1.0	47.8	58.9
328	B00R_050_050	0.5	0.0	0.25	0.0	35.7	0.761	0.215	342	1.0	47.8	59.9
329	B00R_050_050	0.5	0.0	0.25	0.0	35.7	0.757	0.143	330	1.0	47.8	64.7
330	B00R_050_050	0.5	0.0	0.25	0.0	35.7	0.757	0.143	330	1.0	47.8	64.7
331	B00R_050_050	0.5	0.0	0.25	0.0	35.7	0.757	0.143	330	1.0	47.8	64.7
332	B00R_050_050	0.5	0.0	0.25	0.0	35.7	0.757	0.143	330	1.0	47.8	64.7
333	B00R_050_050	0.5	0.0	0.25	0.0	35.7	0.757	0.143	330	1.0	47.8	64.7
334	R00Y_050_050	0.5	0.0	0.25	0.0	35.7	0.613	0.511	379	1.0	47.5	57.2
335	R00Y_050_050	0.5	0.0	0.25	0.0	35.7	0.593	0.236	359	1.0	47.5	57.2
336	B00R_050_050	0.5	0.0	0.25	0.0	35.7	0.584	0.155	340	1.0	48.1	65.4
337	B00R_050_050	0.5	0.0	0.25	0.0	35.7	0.599	0.002	317	1.0	48.2	66.6
338	B00R_050_050	0.5	0.0	0.25	0.0	35.7	0.675	0.002	307	1.0	48.2	66.6
339	B00R_050_050	0.5	0.0	0.25	0.0	35.7	0.268	0.675	317	1.0	48.2	66.6
340	B00R_050_050	0.5	0.0	0.25	0.0	35.7	0.268	0.675	317	1.0	48.2	66.6
341	R00Y_050_050	0.5	0.0	0.25	0.0	35.7	0.759	0.151	394	1.0	35.2	319.8
342	R00Y_050_050	0.5	0.0	0.25	0.0	35.7	0.442	0.766	59	1.0	70.5	192
343	R00Y_050_050	0.5	0.0	0.25	0.0	35.7	0.442	0.766	59	1.0	70.5	192
344	R00Y_050_050	0.5	0.0	0.25	0.0	35.7	0.464	0.601	48	1.0	61.6	58.2
345	R00Y_050_050	0.5	0.0	0.25	0.0	35.7	0.426	0.385	389	1.0	47.5	57.2
346	R00Y_050_050	0.5	0.0	0.25	0.0	35.7	0.426	0.385	389	1.0	47.5	57.2
347	B00R_050_050	0.5	0.0	0.25	0.0	35.7	0.415	0.143	330	1.0	48.1	65.4
348	B00R_050_050	0.5	0.0	0.25	0.0	35.7	0.427	0.04	311	1.0	48.4	65.4
349	B00R_050_050	0.5	0.0	0.25	0.0	35.7	0.496	0.0	305	1.0	48.1	65.4
350	B00R_050_050	0.5	0.0	0.25	0.0	35.7	0.266	0.675	317	1.0	48.1	65.4
351	B00R_050_050	0.5	0.0	0.25	0.0	35.7	0.266	0.675	317	1.0	48.1	65.4
352	B00R_050_050	0.5	0.0	0.25	0.0	35.7	0.266	0.675	317	1.0	48.1	65.4
353	B00R_050_050	0.5	0.0	0.25	0.0	35.7	0.266	0.675	317	1.0	48.1	65.4
354	R00Y_050_050	0.5	0.0	0.25	0.0	35.7	0.295	0.439	389	1.0	47.5	57.2
355	R00Y_050_050	0.5	0.0	0.25	0.0	35.7	0.268	0.486	359	1.0	47.5	57.2
356	B00R_050_050	0.5	0.0	0.25	0.0	35.7	0.244	0.504	330	1.0	48.1	65.4
357	B00R_050_050	0.5	0.0	0.25	0.0	35.7	0.244	0.504	330	1.0	48.1	65.4
358	B00R_050_050	0.5	0.0	0.25	0.0	35.7	0.244	0.504	330	1.0	48.1	65.4
359	B00R_050_050	0.5	0.0	0.25	0.0	35.7	0.244	0.504	330	1.0	48.1	65.4
360	Y00G_050_050	0.5	0.0	0.25	0.0	35.7	0.492	0.0	282	1.0	32.7	50.9
361	Y00G_050_050	0.5	0.0	0.25	0.0	35.7	0.492	0.0	282	1.0	32.7	50.9
362	Y00G_050_050	0.5	0.0	0.25	0.0	35.7	0.492	0.0	282	1.0	32.7	50.9
363	NW_050	0.5	0.0	0.25	0.0	35.7	0.051	0.73	89	1.0	91.5	268
364	NW_050	0.5	0.0	0.25	0.0	35.7	0.051	0.73	89	1.0	91.5	268
365	B00R_050_050	0.5	0.0	0.25	0.0	35.7	0.086	0.585	279	1.0	91.5	268
366	B00R_050_050	0.5	0.0	0.25	0.0	35.7	0.086	0.585	279	1.0	91.5	268
367	B00R_050_050	0.5	0.0	0.25	0.0	35.7	0.086	0.585	279	1.0	91.5	268
368	B00R_050_050	0.5	0.0	0.25	0.0	35.7	0.086	0.585	279	1.0	91.5	268
369	Y18G_062_062	0.5	0.625	0.125	0.0	66.1	0.656	0.442	102	1.0	90.4	102.6
370	Y18G_062_062	0.5	0.625	0.125	0.0	66.1	0.656	0.442	102	1.0	90.4	102.6
371	Y30G_062_037	0.5	0.625	0.375	0.0	66.1	0.656	0.442	102	1.0	90.4	102.6
372	Y30G_062_037	0.5	0.625	0.375	0.0	66.1	0.656	0.442	102	1.0	90.4	102.6
373	G00B_062_012	0.5	0.625	0.125	0.5	66.1	0.656	0.442	102	1.0	90.4	102.6
374	G00B_062_012	0.5	0.625	0.125	0.5	66.1	0.656	0.442	102	1.0	90.4	102.6
375	G50B_075_025	0.5	0.625	0.25	0.5	66.1	0.656	0.442	102	1.0	90.4	102.6
376	G50B_075_025	0.5	0.625	0.25	0.5	66.1	0.656	0.442	102	1.0	90.4	102.6
377	G80B_100_050	0.5	0.625	0.5	0.5	66.1	0.656	0.442	102	1.0	90.4	102.6
378	Y30G_075_075	0.5	0.625	0.375	0.5	66.1	0.656	0.442	102	1.0	90.4	102.6
379	Y30G_075_075	0.5	0.625	0.375	0.5	66.1	0.656	0.442	102	1.0	90.4	102.6
380	Y30G_075_075	0.5	0.625	0.375	0.5	66.1	0.656	0.442	102	1.0	90.4	102.6
381	G00B_075_025	0.5	0.625	0.25	0.5	66.1	0.656	0.442	102	1.0	90.4	102.6
382	G00B_075_025	0.5	0.625	0.25	0.5	66.1	0.656	0.442	102	1.0	90.4	102.6
383	G50B_075_025	0.5	0.625	0.25	0.5	66.1	0.656	0.442	102	1.0	90.4	102.6
384	G50B_075_025	0.5	0.625	0.25	0.5	66.1	0.656	0.442	102	1.0	90.4	102.6
385	G50B_075_025	0.5	0.625	0.25	0.5	66.1	0.656	0.442	102	1.0	90.4	102.6
386	G50B_075_025	0.5	0.625	0.25	0.5	66.1	0.656	0.442	102	1.0	90.4	102.6
387	Y10G_087_050	0.5	0.875	0.125	0.0	70.9	0.875	0.125	115	1.0	51.1	254.9
388	Y10G_087_050	0.5	0.875	0.125	0.0	70.9	0.875	0.125	115	1.0	51.1	254.9
389	Y10G_087_050	0.5	0.875	0.125	0.0	70.9	0.875	0.125	115	1.0	51.1	254.9
390	Y10G_087_050	0.5	0.875	0.125	0.0	70.9	0.875	0.125	115	1.0	51.1	254.9
391	G00B_087_050	0.5	0.875	0.125	0.5	70.9	0.875	0.125	115	1.0	51.1	254.9
392	G00B_087_050	0.5	0.875	0.125	0.5	70.9	0.875	0.125	115	1.0	51.1	254.9
393	G50B_087_050	0.5	0.875	0.125	0.5	70.9	0.875	0.125	115	1.0	51.1	254.9
394	G50B_087_050	0.5	0.875	0.125	0.5	70.9	0.875	0.125	115	1.0	51.1	254.9
395	Y50G_100_100	0.5	1.0	0.0	0.5	70.9	0.875	0.125	115	1.0	51.1	254.9
396	Y50G_100_100	0.5	1.0	0.0	0.5	70.9	0.875	0.125	115	1.0	51.1	254.9
397	Y50G_100_100	0.5	1.0	0.0	0.5	70.9	0.875	0.125	115	1.0	51.1	254.9
398	Y80G_100_075	0.5	1.0	0.25	0.0	70.9	0.875	0.125	115	1.0	51.1	254.9
399	Y80G_100_075	0.5	1.0	0.25	0.0	70.9	0.875	0.125	115	1.0	51.1	254.9
400	G00B_100_050	0.5	1.0	0.0	0.5	70.9	0.875	0.125	115	1.0	51.1	254.9
401	G10B_100_050	0.5	1.0	0.0	0.5	70.9	0.875	0.125	115	1.0	51.1	254.9
402	G50B_100_050	0.5	1.0	0.0	0.5	70.9	0.875	0.125	115	1.0	51.1	254.9
403	G50B_100_050	0.5	1.0	0.0	0.5	70.9	0.875	0.125	115	1.0	51.1	254.9
404	G50B_100_050	0.5	1.0	0.0	0.5	70.9	0.875	0.125	115	1.0	51.1	254.9

PI890-7N, 24/33-F

grafico TUB-PI89; cerchio delle tinte a 16 passi
colori e la differenza, ΔE*

4-1032330-F0

4-1032330-F0

<http://farbe.li.tu-berlin.de/PI89/PI89L0FP.PDF /.PS>; linearizzazione 3D
F: linearizzazione 3D PI89/PI89L30FP.DAT nel file (F), pagine 25/33

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

n	HC*Fid	rgp_Fid	icr_Fid	hsa_Fid	rgp*Fid	LabC*Fid	cmyn*sep_Fid	hsa_Mid	rgp*Mid	LabC*Mid	delta
405	R00Y_062_062ad	0.625	0.0	0.625	0.0	38.6	0.0	389	1.0	47.5	68.6
406	R00Y_062_062ad	0.625	0.0125	0.625	0.0114	38.7	0.0	389	1.0	47.5	68.6
407	R00Y_062_062ad	0.625	0.025	0.625	0.0229	38.8	0.0	389	1.0	47.5	68.6
408	R00Y_062_062ad	0.625	0.0375	0.625	0.0343	38.9	0.0	389	1.0	47.5	68.6
409	B59K_062_062ad	0.625	0.0	0.625	0.0	38.5	0.0	352	1.0	48.1	65.4
410	B59K_062_062ad	0.625	0.0125	0.625	0.0114	38.6	0.0	352	1.0	48.1	65.4
411	B42K_075_075ad	0.625	0.0	0.625	0.0	39.0	0.0	330	1.0	48.1	65.4
412	B42K_075_075ad	0.625	0.0125	0.625	0.0114	39.1	0.0	330	1.0	48.1	65.4
413	B31R_100_100ad	0.625	0.0	0.625	0.0	39.2	0.0	331	1.0	48.1	65.4
414	B31R_100_100ad	0.625	0.0125	0.625	0.0114	39.3	0.0	331	1.0	48.1	65.4
415	R00Y_062_050ad	0.625	0.0125	0.625	0.0114	43.2	0.0	308	1.0	0.183	71.4
416	R00Y_062_050ad	0.625	0.025	0.625	0.0229	43.3	0.0	308	1.0	0.183	71.4
417	R26Y_062_050ad	0.625	0.0	0.625	0.0	44.7	0.0	379	1.0	0.0	66.6
418	R26Y_062_050ad	0.625	0.0125	0.625	0.0114	44.8	0.0	379	1.0	0.0	66.6
419	R00Y_062_050ad	0.625	0.0375	0.625	0.0343	44.9	0.0	360	1.0	0.0	66.6
420	B40R_075_090ad	0.625	0.0125	0.625	0.0114	45.3	0.0	330	1.0	0.0	66.6
421	B40R_075_090ad	0.625	0.025	0.625	0.0229	45.4	0.0	330	1.0	0.0	66.6
422	B34R_087_075ad	0.625	0.0	0.625	0.0	45.6	0.0	315	1.0	0.0	66.6
423	B34R_087_075ad	0.625	0.0125	0.625	0.0114	45.7	0.0	315	1.0	0.0	66.6
424	R38Y_062_062ad	0.625	0.0	0.625	0.0	49.6	0.0	52	1.0	0.0	67.4
425	R38Y_062_062ad	0.625	0.0125	0.625	0.0114	49.7	0.0	52	1.0	0.0	67.4
426	R18Y_062_037ad	0.625	0.0375	0.625	0.0343	50.7	0.0	389	1.0	0.0	67.4
427	R18Y_062_037ad	0.625	0.05	0.625	0.0457	51.2	0.0	371	1.0	0.0	67.4
428	B60R_062_037ad	0.625	0.0	0.625	0.0	50.9	0.0	349	1.0	0.0	67.4
429	B60R_062_037ad	0.625	0.0125	0.625	0.0114	51.0	0.0	349	1.0	0.0	67.4
430	B38R_100_075ad	0.625	0.0	0.625	0.0	51.3	0.0	307	1.0	0.0	67.4
431	B38R_100_075ad	0.625	0.0125	0.625	0.0114	51.4	0.0	307	1.0	0.0	67.4
432	B61Y_062_050ad	0.625	0.0375	0.625	0.0343	55.5	0.0	67	1.0	0.0	67.4
433	B61Y_062_050ad	0.625	0.05	0.625	0.0457	56.1	0.0	59	1.0	0.0	67.4
434	R31Y_062_037ad	0.625	0.0125	0.625	0.0114	56.6	0.0	443	1.0	0.0	67.4
435	R31Y_062_037ad	0.625	0.025	0.625	0.0229	56.7	0.0	443	1.0	0.0	67.4
436	R00Y_062_025ad	0.625	0.0375	0.625	0.0343	56.8	0.0	389	1.0	0.0	67.4
437	R00Y_062_025ad	0.625	0.05	0.625	0.0457	56.9	0.0	360	1.0	0.0	67.4
438	B54R_075_037ad	0.625	0.0	0.625	0.0	56.8	0.0	330	1.0	0.0	67.4
439	B54R_075_037ad	0.625	0.0125	0.625	0.0114	56.9	0.0	330	1.0	0.0	67.4
440	R19K_100_062ad	0.625	0.0	0.625	0.0	62.3	0.0	80	1.0	0.0	67.4
441	R19K_100_062ad	0.625	0.0125	0.625	0.0114	62.4	0.0	80	1.0	0.0	67.4
442	R67Y_062_050ad	0.625	0.0	0.625	0.0	62.4	0.0	77	1.0	0.0	67.4
443	R67Y_062_050ad	0.625	0.0125	0.625	0.0114	62.5	0.0	77	1.0	0.0	67.4
444	R00Y_062_025ad	0.625	0.0375	0.625	0.0343	62.6	0.0	300	1.0	0.0	67.4
445	R00Y_062_025ad	0.625	0.05	0.625	0.0457	62.7	0.0	282	1.0	0.0	67.4
446	B25R_075_025ad	0.625	0.0	0.625	0.0	63.1	0.0	330	1.0	0.0	67.4
447	B25R_075_025ad	0.625	0.0125	0.625	0.0114	63.2	0.0	300	1.0	0.0	67.4
448	B13R_087_037ad	0.625	0.0	0.625	0.0	63.3	0.0	288	1.0	0.0	67.4
449	B13R_087_037ad	0.625	0.0125	0.625	0.0114	63.4	0.0	288	1.0	0.0	67.4
450	Y00G_062_062ad	0.625	0.0	0.625	0.0	66.1	0.0	89	1.0	0.0	67.4
451	Y00G_062_062ad	0.625	0.0125	0.625	0.0114	66.2	0.0	89	1.0	0.0	67.4
452	Y00G_062_037ad	0.625	0.0375	0.625	0.0343	67.7	0.0	89	1.0	0.0	67.4
453	Y00G_062_037ad	0.625	0.05	0.625	0.0457	67.8	0.0	89	1.0	0.0	67.4
454	Y00G_062_012ad	0.625	0.0	0.625	0.0	68.8	0.0	89	1.0	0.0	67.4
455	Y00G_062_012ad	0.625	0.0125	0.625	0.0114	68.9	0.0	89	1.0	0.0	67.4
456	B00R_075_012ad	0.625	0.0	0.625	0.0	68.8	0.0	360	1.0	0.0	67.4
457	B00R_075_012ad	0.625	0.0125	0.625	0.0114	68.9	0.0	360	1.0	0.0	67.4
458	B00R_100_037ad	0.625	0.0375	0.625	0.0343	69.9	0.0	270	1.0	0.0	67.4
459	B00R_100_037ad	0.625	0.05	0.625	0.0457	70.1	0.0	270	1.0	0.0	67.4
460	Y18G_075_075ad	0.625	0.0	0.625	0.0	72.1	0.0	97	1.0	0.0	67.4
461	Y18G_075_075ad	0.625	0.0125	0.625	0.0114	72.2	0.0	97	1.0	0.0	67.4
462	Y18G_075_050ad	0.625	0.0	0.625	0.0	75.1	0.0	102	1.0	0.0	67.4
463	Y18G_075_050ad	0.625	0.0125	0.625	0.0114	75.2	0.0	102	1.0	0.0	67.4
464	G00B_075_012ad	0.625	0.0	0.625	0.0	71.6	0.0	149	1.0	0.0	67.4
465	G00B_075_012ad	0.625	0.0125	0.625	0.0114	71.7	0.0	149	1.0	0.0	67.4
466	G50B_087_025ad	0.625	0.0	0.625	0.0	72.5	0.0	210	1.0	0.0	67.4
467	G50B_087_025ad	0.625	0.0125	0.625	0.0114	72.6	0.0	210	1.0	0.0	67.4
468	G84B_100_037ad	0.625	0.0	0.625	0.0	74.4	0.0	251	1.0	0.0	67.4
469	G84B_100_037ad	0.625	0.0125	0.625	0.0114	74.5	0.0	251	1.0	0.0	67.4
470	Y30G_087_062ad	0.625	0.0125	0.625	0.0114	78.4	0.0	108	1.0	0.0	67.4
471	Y30G_087_062ad	0.625	0.025	0.625	0.0229	78.5	0.0	112	1.0	0.0	67.4
472	Y50G_087_050ad	0.625	0.0	0.625	0.0	74.4	0.0	108	1.0	0.0	67.4
473	Y50G_087_050ad	0.625	0.0125	0.625	0.0114	74.5	0.0	108	1.0	0.0	67.4
474	G25B_087_025ad	0.625	0.0	0.625	0.0	76.4	0.0	180	1.0	0.0	67.4
475	G25B_087_025ad	0.625	0.0125	0.625	0.0114	76.5	0.0	180	1.0	0.0	67.4
476	G50B_087_025ad	0.625	0.025	0.625	0.0229	76.6	0.0	228	1.0	0.0	67.4
477	Y36G_100_037ad	0.625	0.0	0.625	0.0	79.2	0.0	210	1.0	0.0	67.4
478	Y36G_100_037ad	0.625	0.0125	0.625	0.0114	79.3	0.0	210	1.0	0.0	67.4
479	Y50G_100_075ad	0.625	0.0	0.625	0.0	80.2	0.0	228	1.0	0.0	67.4
480	Y50G_100_075ad	0.625	0.0125	0.625	0.0114	80.3	0.0	228	1.0	0.0	67.4
481	Y16G_100_050ad	0.625	0.0375	0.625	0.0343	77.1	0.0	127	1.0	0.0	67.4
482	G00B_100_050ad	0.625	0.05	0.625	0.0457	77.2	0.0	149	1.0	0.0	67.4
483	G15B_100_037ad	0.625	0.0	0.625	0.0	80.2	0.0	168	1.0	0.0	67.4
484	G15B_100_037ad	0.625	0.0125	0.625	0.0114	80.3	0.0	168	1.0	0.0	67.4
485	G50B_100_037ad	0.625	0.0	0.625	0.0	79.8	0.0	210	1.0	0.0	67.4

PI89-7N_25/33-F

grafico TUB-PI89; cerchio delle tinte a 16 passi
colori e la differenza, ΔE*

<http://farbe.li.tu-berlin.de/PI89/PI89L0FP.PDF /.PS>; linearizzazione 3D
F: linearizzazione 3D PI89/PI89L30FP.DAT nel file (F), pagine 26/33

grafico TUB-PI89; cerchio delle tinte a 16 passi
colori e la differenza, ΔE^*

n	HC*Fid	rgb_Fid	icc_Fid	hsa_Fid	rgb*Fid	LabC*Fid	cmymk*_sep_Fid	hsa_Mid	rgb*Mid	LabC*Mid	delta
486	ROY0_075_0750ad	0.75	0.0	0.75	0.75	41.6	0.889	389	1.0	47.5	37.8
487	R35Y_075_0750ad	0.75	0.125	0.75	0.75	42.9	0.888	382	1.0	47.6	68.6
488	R18Y_075_0750ad	0.75	0.25	0.75	0.75	44.2	0.886	371	1.0	47.4	57.2
489	ROY0_075_0750ad	0.75	0.375	0.75	0.75	45.4	0.887	360	1.0	47.8	32.9
490	B6SK_075_0750ad	0.75	0.5	0.75	0.75	46.7	0.887	348	1.0	47.8	56.5
491	B57K_075_0750ad	0.75	0.625	0.75	0.75	47.9	0.885	337	1.0	48.0	10.0
492	B48K_075_0750ad	0.75	0.75	0.75	0.75	49.1	0.863	337	1.0	48.0	358.3
493	B39K_075_0750ad	0.75	0.875	0.75	0.75	50.4	0.863	337	1.0	48.0	65.8
494	B30K_100_1000ad	0.75	1.0	1.0	1.0	51.6	0.863	337	1.0	48.0	9.9
495	R15Y_075_0750ad	0.75	0.125	0.75	0.75	52.9	0.863	337	1.0	48.0	348.9
496	R06Y_075_0750ad	0.75	0.25	0.75	0.75	54.2	0.863	337	1.0	48.0	62.3
497	R31Y_075_0750ad	0.75	0.375	0.75	0.75	55.5	0.863	337	1.0	48.0	339.4
498	R11Y_075_0750ad	0.75	0.5	0.75	0.75	56.8	0.863	337	1.0	48.0	73.8
499	B69K_075_0750ad	0.75	0.625	0.75	0.75	58.1	0.863	337	1.0	48.0	69.4
500	B60K_075_0750ad	0.75	0.75	0.75	0.75	59.4	0.863	337	1.0	48.0	54.4
501	B51K_075_0750ad	0.75	0.875	0.75	0.75	60.7	0.863	337	1.0	48.0	65.4
502	B42K_087_087ad	0.75	1.0	1.0	1.0	62.0	0.863	337	1.0	48.0	65.4
503	B33K_100_1000ad	0.75	1.0	1.0	1.0	63.3	0.863	337	1.0	48.0	65.4
504	R18Y_075_0750ad	0.75	0.125	0.75	0.75	64.6	0.863	337	1.0	48.0	65.4
505	R09Y_075_0750ad	0.75	0.25	0.75	0.75	65.9	0.863	337	1.0	48.0	65.4
506	R34Y_075_0750ad	0.75	0.375	0.75	0.75	67.2	0.863	337	1.0	48.0	65.4
507	R26Y_075_0750ad	0.75	0.5	0.75	0.75	68.5	0.863	337	1.0	48.0	65.4
508	B01K_075_0750ad	0.75	0.625	0.75	0.75	69.8	0.863	337	1.0	48.0	65.4
509	B02K_075_0750ad	0.75	0.75	0.75	0.75	71.1	0.863	337	1.0	48.0	65.4
510	B03K_075_0750ad	0.75	0.875	0.75	0.75	72.4	0.863	337	1.0	48.0	65.4
511	B04K_100_1000ad	0.75	1.0	1.0	1.0	73.7	0.863	337	1.0	48.0	65.4
512	B34K_075_0750ad	0.75	0.125	0.75	0.75	75.0	0.863	337	1.0	48.0	65.4
513	B25K_075_0750ad	0.75	0.25	0.75	0.75	76.3	0.863	337	1.0	48.0	65.4
514	R38Y_075_0750ad	0.75	0.375	0.75	0.75	77.6	0.863	337	1.0	48.0	65.4
515	R29Y_075_0750ad	0.75	0.5	0.75	0.75	78.9	0.863	337	1.0	48.0	65.4
516	R19Y_075_0750ad	0.75	0.625	0.75	0.75	80.2	0.863	337	1.0	48.0	65.4
517	R10Y_075_0750ad	0.75	0.75	0.75	0.75	81.5	0.863	337	1.0	48.0	65.4
518	B68K_075_0750ad	0.75	0.875	0.75	0.75	82.8	0.863	337	1.0	48.0	65.4
519	B59K_075_0750ad	0.75	1.0	1.0	1.0	84.1	0.863	337	1.0	48.0	65.4
520	B50K_075_0750ad	0.75	0.125	0.75	0.75	85.4	0.863	337	1.0	48.0	65.4
521	R68Y_075_0750ad	0.75	0.25	0.75	0.75	86.7	0.863	337	1.0	48.0	65.4
522	R59Y_075_0750ad	0.75	0.375	0.75	0.75	88.0	0.863	337	1.0	48.0	65.4
523	R50Y_075_0750ad	0.75	0.5	0.75	0.75	89.3	0.863	337	1.0	48.0	65.4
524	R41Y_075_0750ad	0.75	0.625	0.75	0.75	90.6	0.863	337	1.0	48.0	65.4
525	R32Y_075_0750ad	0.75	0.75	0.75	0.75	91.9	0.863	337	1.0	48.0	65.4
526	ROY0_075_0750ad	0.75	0.875	0.75	0.75	93.2	0.863	337	1.0	48.0	65.4
527	B07K_075_0750ad	0.75	1.0	1.0	1.0	94.5	0.863	337	1.0	48.0	65.4
528	B08K_075_0750ad	0.75	0.125	0.75	0.75	95.8	0.863	337	1.0	48.0	65.4
529	B09K_087_087ad	0.75	0.25	0.75	0.75	97.1	0.863	337	1.0	48.0	65.4
530	B10K_100_1000ad	0.75	0.375	0.75	0.75	98.4	0.863	337	1.0	48.0	65.4
531	R88Y_075_0750ad	0.75	0.5	0.75	0.75	99.7	0.863	337	1.0	48.0	65.4
532	R79Y_075_0750ad	0.75	0.625	0.75	0.75	101.0	0.863	337	1.0	48.0	65.4
533	R70Y_075_0750ad	0.75	0.75	0.75	0.75	102.3	0.863	337	1.0	48.0	65.4
534	R61K_075_0750ad	0.75	0.875	0.75	0.75	103.6	0.863	337	1.0	48.0	65.4
535	R52K_075_0750ad	0.75	1.0	1.0	1.0	104.9	0.863	337	1.0	48.0	65.4
536	ROY0_075_0750ad	0.75	0.125	0.75	0.75	106.2	0.863	337	1.0	48.0	65.4
537	B28K_087_087ad	0.75	0.25	0.75	0.75	107.5	0.863	337	1.0	48.0	65.4
538	B19K_100_1000ad	0.75	0.375	0.75	0.75	108.8	0.863	337	1.0	48.0	65.4
539	B10K_075_0750ad	0.75	0.5	0.75	0.75	110.1	0.863	337	1.0	48.0	65.4
540	Y00G_075_0750ad	0.75	0.625	0.75	0.75	111.4	0.863	337	1.0	48.0	65.4
541	Y00G_075_0750ad	0.75	0.75	0.75	0.75	112.7	0.863	337	1.0	48.0	65.4
542	Y00G_075_0750ad	0.75	0.875	0.75	0.75	114.0	0.863	337	1.0	48.0	65.4
543	Y00G_075_0750ad	0.75	1.0	1.0	1.0	115.3	0.863	337	1.0	48.0	65.4
544	Y00G_075_0750ad	0.75	0.125	0.75	0.75	116.6	0.863	337	1.0	48.0	65.4
545	Y00G_075_0750ad	0.75	0.25	0.75	0.75	117.9	0.863	337	1.0	48.0	65.4
546	Y00G_075_0750ad	0.75	0.375	0.75	0.75	119.2	0.863	337	1.0	48.0	65.4
547	Y00G_087_087ad	0.75	0.5	0.75	0.75	120.5	0.863	337	1.0	48.0	65.4
548	Y00G_100_1000ad	0.75	0.625	0.75	0.75	121.8	0.863	337	1.0	48.0	65.4
549	Y13G_087_087ad	0.75	0.75	0.75	0.75	123.1	0.863	337	1.0	48.0	65.4
550	Y18G_087_087ad	0.75	0.875	0.75	0.75	124.4	0.863	337	1.0	48.0	65.4
551	Y18G_087_087ad	0.75	1.0	1.0	1.0	125.7	0.863	337	1.0	48.0	65.4
552	Y23G_087_087ad	0.75	0.125	0.75	0.75	127.0	0.863	337	1.0	48.0	65.4
553	Y23G_087_087ad	0.75	0.25	0.75	0.75	128.3	0.863	337	1.0	48.0	65.4
554	Y50G_087_087ad	0.75	0.375	0.75	0.75	129.6	0.863	337	1.0	48.0	65.4
555	Y50G_087_087ad	0.75	0.5	0.75	0.75	130.9	0.863	337	1.0	48.0	65.4
556	G00B_087_087ad	0.75	0.625	0.75	0.75	132.2	0.863	337	1.0	48.0	65.4
557	G73B_100_1000ad	0.75	0.75	0.75	0.75	133.5	0.863	337	1.0	48.0	65.4
558	Y23G_100_1000ad	0.75	0.875	0.75	0.75	134.8	0.863	337	1.0	48.0	65.4
559	Y26G_100_1000ad	0.75	1.0	1.0	1.0	136.1	0.863	337	1.0	48.0	65.4
560	Y31G_100_1000ad	0.75	0.125	0.75	0.75	137.4	0.863	337	1.0	48.0	65.4
561	Y38G_100_1000ad	0.75	0.25	0.75	0.75	138.7	0.863	337	1.0	48.0	65.4
562	Y50G_100_1000ad	0.75	0.375	0.75	0.75	140.0	0.863	337	1.0	48.0	65.4
563	Y68G_100_1000ad	0.75	0.5	0.75	0.75	141.3	0.863	337	1.0	48.0	65.4
564	G00B_100_1000ad	0.75	0.625	0.75	0.75	142.6	0.863	337	1.0	48.0	65.4
565	G25B_100_1000ad	0.75	0.75	0.75	0.75	143.9	0.863	337	1.0	48.0	65.4
566	G50B_100_1000ad	0.75	0.875	0.75	0.75	145.2	0.863	337	1.0	48.0	65.4
567	G50B_100_1000ad	0.75	1.0	1.0	1.0	146.5	0.863	337	1.0	48.0	65.4

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

PI890-7N_2633-F

4-1032530-F0

<http://farbe.li.tu-berlin.de/PI89/PI89L0FP.PDF /.PS; linearizzazione 3D>
F: linearizzazione 3D PI89/PI89L30FP.DAT nel file (F), pagine 27/33

Input: *rgb/cmyk* -> *rgbd*
Output: 3D-linearizzazione a *cmyk**.dd

n	HC*Fid	rgp_Fid	icr_Fid	hsa_Fid	rgb*Fid	LabC*Fid	cmyp*_sep_Fid	delta	hsa*Fid	rgb*Fid	LabC*Fid				
567	ROYG_087_087Ad	0.875	0.875	0.875	0.875	0.875	0.929	0.141	0.929	0.000	0.475	57.2	37.8	68.6	33.4
568	ROYG_087_087Ad	0.875	0.875	0.875	0.875	0.875	0.929	0.141	0.929	0.000	0.475	57.2	37.8	68.6	33.4
569	R23Y_087_087Ad	0.875	0.875	0.875	0.875	0.875	0.929	0.141	0.929	0.000	0.475	57.2	37.8	68.6	33.4
570	R23Y_087_087Ad	0.875	0.875	0.875	0.875	0.875	0.929	0.141	0.929	0.000	0.475	57.2	37.8	68.6	33.4
571	B63K_087_087Ad	0.875	0.875	0.875	0.875	0.875	0.929	0.141	0.929	0.000	0.475	57.2	37.8	68.6	33.4
572	B63K_087_087Ad	0.875	0.875	0.875	0.875	0.875	0.929	0.141	0.929	0.000	0.475	57.2	37.8	68.6	33.4
573	B56K_087_087Ad	0.875	0.875	0.875	0.875	0.875	0.929	0.141	0.929	0.000	0.475	57.2	37.8	68.6	33.4
574	B56K_087_087Ad	0.875	0.875	0.875	0.875	0.875	0.929	0.141	0.929	0.000	0.475	57.2	37.8	68.6	33.4
575	B44R_100_100Ad	0.875	0.875	0.875	0.875	0.875	0.929	0.141	0.929	0.000	0.475	57.2	37.8	68.6	33.4
576	B44R_100_100Ad	0.875	0.875	0.875	0.875	0.875	0.929	0.141	0.929	0.000	0.475	57.2	37.8	68.6	33.4
577	ROYG_087_075Ad	0.875	0.875	0.875	0.875	0.875	0.929	0.141	0.929	0.000	0.475	57.2	37.8	68.6	33.4
578	ROYG_087_075Ad	0.875	0.875	0.875	0.875	0.875	0.929	0.141	0.929	0.000	0.475	57.2	37.8	68.6	33.4
579	ROYG_087_075Ad	0.875	0.875	0.875	0.875	0.875	0.929	0.141	0.929	0.000	0.475	57.2	37.8	68.6	33.4
580	ROYG_087_075Ad	0.875	0.875	0.875	0.875	0.875	0.929	0.141	0.929	0.000	0.475	57.2	37.8	68.6	33.4
581	B63K_087_075Ad	0.875	0.875	0.875	0.875	0.875	0.929	0.141	0.929	0.000	0.475	57.2	37.8	68.6	33.4
582	B57R_087_075Ad	0.875	0.875	0.875	0.875	0.875	0.929	0.141	0.929	0.000	0.475	57.2	37.8	68.6	33.4
583	B57R_087_075Ad	0.875	0.875	0.875	0.875	0.875	0.929	0.141	0.929	0.000	0.475	57.2	37.8	68.6	33.4
584	B43R_100_087Ad	0.875	0.875	0.875	0.875	0.875	0.929	0.141	0.929	0.000	0.475	57.2	37.8	68.6	33.4
585	B43R_100_087Ad	0.875	0.875	0.875	0.875	0.875	0.929	0.141	0.929	0.000	0.475	57.2	37.8	68.6	33.4
586	R15Y_087_075Ad	0.875	0.875	0.875	0.875	0.875	0.929	0.141	0.929	0.000	0.475	57.2	37.8	68.6	33.4
587	R15Y_087_075Ad	0.875	0.875	0.875	0.875	0.875	0.929	0.141	0.929	0.000	0.475	57.2	37.8	68.6	33.4
588	R15Y_087_062Ad	0.875	0.875	0.875	0.875	0.875	0.929	0.141	0.929	0.000	0.475	57.2	37.8	68.6	33.4
589	R15Y_087_062Ad	0.875	0.875	0.875	0.875	0.875	0.929	0.141	0.929	0.000	0.475	57.2	37.8	68.6	33.4
590	B63K_087_062Ad	0.875	0.875	0.875	0.875	0.875	0.929	0.141	0.929	0.000	0.475	57.2	37.8	68.6	33.4
591	B63K_087_062Ad	0.875	0.875	0.875	0.875	0.875	0.929	0.141	0.929	0.000	0.475	57.2	37.8	68.6	33.4
592	B43R_100_075Ad	0.875	0.875	0.875	0.875	0.875	0.929	0.141	0.929	0.000	0.475	57.2	37.8	68.6	33.4
593	B43R_100_075Ad	0.875	0.875	0.875	0.875	0.875	0.929	0.141	0.929	0.000	0.475	57.2	37.8	68.6	33.4
594	R15Y_087_087Ad	0.875	0.875	0.875	0.875	0.875	0.929	0.141	0.929	0.000	0.475	57.2	37.8	68.6	33.4
595	R15Y_087_087Ad	0.875	0.875	0.875	0.875	0.875	0.929	0.141	0.929	0.000	0.475	57.2	37.8	68.6	33.4
596	R15Y_087_062Ad	0.875	0.875	0.875	0.875	0.875	0.929	0.141	0.929	0.000	0.475	57.2	37.8	68.6	33.4
597	R15Y_087_062Ad	0.875	0.875	0.875	0.875	0.875	0.929	0.141	0.929	0.000	0.475	57.2	37.8	68.6	33.4
598	R26Y_087_050Ad	0.875	0.875	0.875	0.875	0.875	0.929	0.141	0.929	0.000	0.475	57.2	37.8	68.6	33.4
599	R26Y_087_050Ad	0.875	0.875	0.875	0.875	0.875	0.929	0.141	0.929	0.000	0.475	57.2	37.8	68.6	33.4
600	B61R_087_050Ad	0.875	0.875	0.875	0.875	0.875	0.929	0.141	0.929	0.000	0.475	57.2	37.8	68.6	33.4
601	B61R_087_050Ad	0.875	0.875	0.875	0.875	0.875	0.929	0.141	0.929	0.000	0.475	57.2	37.8	68.6	33.4
602	B40R_100_062Ad	0.875	0.875	0.875	0.875	0.875	0.929	0.141	0.929	0.000	0.475	57.2	37.8	68.6	33.4
603	B40R_100_062Ad	0.875	0.875	0.875	0.875	0.875	0.929	0.141	0.929	0.000	0.475	57.2	37.8	68.6	33.4
604	R38Y_087_075Ad	0.875	0.875	0.875	0.875	0.875	0.929	0.141	0.929	0.000	0.475	57.2	37.8	68.6	33.4
605	R38Y_087_075Ad	0.875	0.875	0.875	0.875	0.875	0.929	0.141	0.929	0.000	0.475	57.2	37.8	68.6	33.4
606	R23Y_087_050Ad	0.875	0.875	0.875	0.875	0.875	0.929	0.141	0.929	0.000	0.475	57.2	37.8	68.6	33.4
607	R23Y_087_050Ad	0.875	0.875	0.875	0.875	0.875	0.929	0.141	0.929	0.000	0.475	57.2	37.8	68.6	33.4
608	R18Y_087_037Ad	0.875	0.875	0.875	0.875	0.875	0.929	0.141	0.929	0.000	0.475	57.2	37.8	68.6	33.4
609	R18Y_087_037Ad	0.875	0.875	0.875	0.875	0.875	0.929	0.141	0.929	0.000	0.475	57.2	37.8	68.6	33.4
610	B58R_100_050Ad	0.875	0.875	0.875	0.875	0.875	0.929	0.141	0.929	0.000	0.475	57.2	37.8	68.6	33.4
611	B58R_100_050Ad	0.875	0.875	0.875	0.875	0.875	0.929	0.141	0.929	0.000	0.475	57.2	37.8	68.6	33.4
612	R73Y_087_087Ad	0.875	0.875	0.875	0.875	0.875	0.929	0.141	0.929	0.000	0.475	57.2	37.8	68.6	33.4
613	R68Y_087_075Ad	0.875	0.875	0.875	0.875	0.875	0.929	0.141	0.929	0.000	0.475	57.2	37.8	68.6	33.4
614	R61Y_087_062Ad	0.875	0.875	0.875	0.875	0.875	0.929	0.141	0.929	0.000	0.475	57.2	37.8	68.6	33.4
615	R61Y_087_062Ad	0.875	0.875	0.875	0.875	0.875	0.929	0.141	0.929	0.000	0.475	57.2	37.8	68.6	33.4
616	R31Y_087_037Ad	0.875	0.875	0.875	0.875	0.875	0.929	0.141	0.929	0.000	0.475	57.2	37.8	68.6	33.4
617	R31Y_087_037Ad	0.875	0.875	0.875	0.875	0.875	0.929	0.141	0.929	0.000	0.475	57.2	37.8	68.6	33.4
618	ROYG_087_025Ad	0.875	0.875	0.875	0.875	0.875	0.929	0.141	0.929	0.000	0.475	57.2	37.8	68.6	33.4
619	ROYG_087_025Ad	0.875	0.875	0.875	0.875	0.875	0.929	0.141	0.929	0.000	0.475	57.2	37.8	68.6	33.4
620	B34R_100_037Ad	0.875	0.875	0.875	0.875	0.875	0.929	0.141	0.929	0.000	0.475	57.2	37.8	68.6	33.4
621	R86Y_087_087Ad	0.875	0.875	0.875	0.875	0.875	0.929	0.141	0.929	0.000	0.475	57.2	37.8	68.6	33.4
622	R83Y_087_075Ad	0.875	0.875	0.875	0.875	0.875	0.929	0.141	0.929	0.000	0.475	57.2	37.8	68.6	33.4
623	R83Y_087_075Ad	0.875	0.875	0.875	0.875	0.875	0.929	0.141	0.929	0.000	0.475	57.2	37.8	68.6	33.4
624	R68Y_087_062Ad	0.875	0.875	0.875	0.875	0.875	0.929	0.141	0.929	0.000	0.475	57.2	37.8	68.6	33.4
625	R68Y_087_062Ad	0.875	0.875	0.875	0.875	0.875	0.929	0.141	0.929	0.000	0.475	57.2	37.8	68.6	33.4
626	R30Y_087_025Ad	0.875	0.875	0.875	0.875	0.875	0.929	0.141	0.929	0.000	0.475	57.2	37.8	68.6	33.4
627	R30Y_087_025Ad	0.875	0.875	0.875	0.875	0.875	0.929	0.141	0.929	0.000	0.475	57.2	37.8	68.6	33.4
628	B50R_087_012Ad	0.875	0.875	0.875	0.875	0.875	0.929	0.141	0.929	0.000	0.475	57.2	37.8	68.6	33.4
629	B28R_100_025Ad	0.875	0.875	0.875	0.875	0.875	0.929	0.141	0.929	0.000	0.475	57.2	37.8	68.6	33.4
630	YOOG_087_087Ad	0.875	0.875	0.875	0.875	0.875	0.929	0.141	0.929	0.000	0.475	57.2	37.8	68.6	33.4
631	YOOG_087_062Ad	0.875	0.875	0.875	0.875	0.875	0.929	0.141	0.929	0.000	0.475	57.2	37.8	68.6	33.4
632	YOOG_087_062Ad	0.875	0.875	0.875	0.875	0.875	0.929	0.141	0.929	0.000	0.475	57.2	37.8	68.6	33.4
633	YOOG_087_050Ad	0.875	0.875	0.875	0.875	0.875	0.929	0.141	0.929	0.000	0.475	57.2	37.8	68.6	33.4
634	YOOG_087_050Ad	0.875	0.875	0.875	0.875	0.875	0.929	0.141	0.929	0.000	0.475	57.2	37.8	68.6	33.4
635	YOOG_087_025Ad	0.875	0.875	0.875	0.875	0.875	0.929	0.141	0.929	0.000	0.475	57.2	37.8	68.6	33.4
636	NW_087Ad	0.875	0.875	0.875	0.875	0.875	0.929	0.141	0.929	0.000	0.475	57.2	37.8	68.6	33.4
637	NW_087Ad	0.875	0.875	0.875	0.875	0.875	0.929	0.141	0.929	0.000	0.475	57.2	37.8	68.6	33.4
638	BOOR_100_012Ad	0.875	0.875												

<http://farbe.li.tu-berlin.de/PI89/PI89L0FP.PDF /.PS>; linearizzazione 3D
F: linearizzazione 3D PI89/PI89L30FP.DAT nel file (F), pagine 28/33

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

n	HC*Fid	rgb*Fid	icr*Fid	hsa*Fid	rgb*Fid	LabC*Fid	cmyk*sep.Fid	hsa*Fid	rgb*Fid	LabC*Fid	delta				
648	ROY1_100_100ad	1.0	0.0	0.0	0.0	47.5	0.0	389	1.0	0.0	47.5	37.8	68.6	33.4	
649	R38Y_100_100ad	1.0	0.125	1.0	0.0	0.116	0.0	383	1.0	0.0	0.116	34.5	66.1	31.4	
650	R26Y_100_100ad	1.0	0.25	1.0	0.0	0.233	0.0	377	1.0	0.0	0.233	28.4	62.8	26.9	
651	R13Y_100_100ad	1.0	0.375	1.0	0.0	0.366	0.0	368	1.0	0.0	0.366	20.0	60.2	19.4	
652	ROY1_100_100ad	1.0	0.5	1.0	0.0	0.5	0.0	360	1.0	0.0	0.5	10.4	58.9	10.4	
653	B68R_100_100ad	1.0	0.625	1.0	0.0	0.633	0.0	351	1.0	0.0	0.633	4.8	57.8	1.4	
654	B61R_100_100ad	1.0	0.75	1.0	0.0	0.766	0.0	342	1.0	0.0	0.766	0.0	66.1	0.0	
655	B58R_100_100ad	1.0	0.875	1.0	0.0	0.883	0.0	336	1.0	0.0	0.883	0.0	65.4	0.0	
656	B50R_100_100ad	1.0	1.0	1.0	0.0	1.0	0.0	330	1.0	0.0	1.0	0.0	64.2	0.0	
657	R11Y_100_100ad	1.0	0.0	0.5	1.0	0.116	0.0	36	1.0	0.0	0.116	54.5	48.4	72.9	
658	ROY1_100_087ad	1.0	0.125	1.0	0.0	0.125	0.0005	389	1.0	0.0	0.125	37.8	68.6	33.4	
659	R36Y_100_087ad	1.0	0.25	1.0	0.0	0.25	0.001	382	1.0	0.0	0.25	30.3	65.2	25.2	
660	R23Y_100_087ad	1.0	0.375	1.0	0.0	0.375	0.002	375	1.0	0.0	0.375	22.0	62.8	17.6	
661	ROY1_100_087ad	1.0	0.5	1.0	0.0	0.5	0.004	365	1.0	0.0	0.5	15.9	60.2	15.9	
662	B68R_100_087ad	1.0	0.625	1.0	0.0	0.625	0.006	354	1.0	0.0	0.625	4.9	61.1	4.6	
663	B61R_100_087ad	1.0	0.75	1.0	0.0	0.75	0.008	344	1.0	0.0	0.75	0.0	64.2	0.0	
664	B58R_100_087ad	1.0	0.875	1.0	0.0	0.875	0.012	336	1.0	0.0	0.875	0.0	65.4	0.0	
665	B50R_100_087ad	1.0	1.0	1.0	0.0	1.0	0.013	330	1.0	0.0	1.0	0.0	64.2	0.0	
666	R23Y_100_100ad	1.0	0.25	1.0	0.0	0.25	0.001	375	1.0	0.0	0.25	22.0	62.8	17.6	
667	R13Y_100_100ad	1.0	0.375	1.0	0.0	0.375	0.002	368	1.0	0.0	0.375	10.4	58.9	10.4	
668	ROY1_100_100ad	1.0	0.5	1.0	0.0	0.5	0.004	360	1.0	0.0	0.5	10.4	58.9	10.4	
669	R36Y_100_100ad	1.0	0.625	1.0	0.0	0.625	0.006	354	1.0	0.0	0.625	4.9	61.1	4.6	
670	ROY1_100_100ad	1.0	0.75	1.0	0.0	0.75	0.008	344	1.0	0.0	0.75	0.0	64.2	0.0	
671	B68R_100_075ad	1.0	0.25	0.75	1.0	0.25	0.003	360	1.0	0.0	0.25	30.3	65.2	25.2	
672	B61R_100_075ad	1.0	0.375	0.875	1.0	0.375	0.004	351	1.0	0.0	0.375	22.0	62.8	17.6	
673	B58R_100_075ad	1.0	0.5	0.9375	1.0	0.5	0.006	342	1.0	0.0	0.5	15.9	60.2	15.9	
674	B50R_100_075ad	1.0	0.625	1.0	0.0	0.625	0.008	336	1.0	0.0	0.625	4.9	61.1	4.6	
675	R36Y_100_087ad	1.0	0.375	1.0	0.0	0.375	0.002	368	1.0	0.0	0.375	10.4	58.9	10.4	
676	R26Y_100_087ad	1.0	0.5	1.0	0.0	0.5	0.004	360	1.0	0.0	0.5	10.4	58.9	10.4	
677	R15Y_100_087ad	1.0	0.625	1.0	0.0	0.625	0.006	354	1.0	0.0	0.625	4.9	61.1	4.6	
678	ROY1_100_062ad	1.0	0.375	0.75	1.0	0.375	0.002	368	1.0	0.0	0.375	10.4	58.9	10.4	
679	R13Y_100_062ad	1.0	0.5	0.875	1.0	0.5	0.004	360	1.0	0.0	0.5	10.4	58.9	10.4	
680	ROY1_100_062ad	1.0	0.625	1.0	0.0	0.625	0.006	354	1.0	0.0	0.625	4.9	61.1	4.6	
681	B68R_100_062ad	1.0	0.75	1.0	0.0	0.75	0.008	344	1.0	0.0	0.75	0.0	64.2	0.0	
682	B61R_100_062ad	1.0	0.875	1.0	0.0	0.875	0.012	336	1.0	0.0	0.875	0.0	65.4	0.0	
683	B58R_100_062ad	1.0	1.0	1.0	0.0	1.0	0.013	330	1.0	0.0	1.0	0.0	64.2	0.0	
684	R30Y_100_100ad	1.0	0.0	0.5	1.0	0.0	0.0	59	1.0	0.0	0.0	70.5	19.2	66.6	
685	R15Y_100_087ad	1.0	0.625	1.0	0.0	0.625	0.006	354	1.0	0.0	0.625	4.9	61.1	4.6	
686	R13Y_100_087ad	1.0	0.75	1.0	0.0	0.75	0.008	344	1.0	0.0	0.75	0.0	64.2	0.0	
687	ROY1_100_050ad	1.0	0.5	0.75	1.0	0.5	0.004	360	1.0	0.0	0.5	10.4	58.9	10.4	
688	ROY1_100_050ad	1.0	0.625	0.875	1.0	0.625	0.006	354	1.0	0.0	0.625	4.9	61.1	4.6	
689	R26Y_100_050ad	1.0	0.75	1.0	0.0	0.75	0.008	344	1.0	0.0	0.75	0.0	64.2	0.0	
690	B61R_100_050ad	1.0	0.875	1.0	0.0	0.875	0.012	336	1.0	0.0	0.875	0.0	65.4	0.0	
691	B58R_100_050ad	1.0	1.0	1.0	0.0	1.0	0.013	330	1.0	0.0	1.0	0.0	64.2	0.0	
692	R30Y_100_100ad	1.0	0.0	0.5	1.0	0.0	0.0	59	1.0	0.0	0.0	70.5	19.2	66.6	
693	R15Y_100_100ad	1.0	0.625	1.0	0.0	0.625	0.006	354	1.0	0.0	0.625	4.9	61.1	4.6	
694	R13Y_100_100ad	1.0	0.75	1.0	0.0	0.75	0.008	344	1.0	0.0	0.75	0.0	64.2	0.0	
695	ROY1_100_075ad	1.0	0.625	1.0	0.0	0.625	0.006	354	1.0	0.0	0.625	4.9	61.1	4.6	
696	R30Y_100_050ad	1.0	0.625	0.75	1.0	0.625	0.004	360	1.0	0.0	0.625	4.9	61.1	4.6	
697	R23Y_100_050ad	1.0	0.75	1.0	0.0	0.75	0.006	354	1.0	0.0	0.75	0.0	64.2	0.0	
698	ROY1_100_037ad	1.0	0.625	0.625	1.0	0.625	0.002	360	1.0	0.0	0.625	4.9	61.1	4.6	
699	R18Y_100_037ad	1.0	0.75	0.875	1.0	0.75	0.004	351	1.0	0.0	0.75	22.0	62.8	17.6	
700	B68R_100_037ad	1.0	0.875	1.0	0.0	0.875	0.006	342	1.0	0.0	0.875	0.0	65.4	0.0	
701	B58R_100_037ad	1.0	1.0	1.0	0.0	1.0	0.008	336	1.0	0.0	1.0	0.0	64.2	0.0	
702	R16Y_100_100ad	1.0	0.25	1.0	0.0	0.25	0.001	370	1.0	0.0	0.25	25.2	63.3	20.0	
703	R13Y_100_087ad	1.0	0.375	1.0	0.0	0.375	0.002	368	1.0	0.0	0.375	10.4	58.9	10.4	
704	R10Y_100_075ad	1.0	0.5	0.875	1.0	0.5	0.004	360	1.0	0.0	0.5	10.4	58.9	10.4	
705	R08Y_100_075ad	1.0	0.625	1.0	0.0	0.625	0.006	354	1.0	0.0	0.625	4.9	61.1	4.6	
706	B50Y_100_087ad	1.0	0.75	1.0	0.0	0.75	0.008	344	1.0	0.0	0.75	0.0	64.2	0.0	
707	R31Y_100_037ad	1.0	0.75	0.625	1.0	0.75	0.002	360	1.0	0.0	0.75	22.0	62.8	17.6	
708	ROY1_100_025ad	1.0	0.75	0.5	1.0	0.75	0.004	360	1.0	0.0	0.75	10.4	58.9	10.4	
709	ROY1_100_025ad	1.0	0.875	0.75	1.0	0.875	0.006	354	1.0	0.0	0.875	4.9	61.1	4.6	
710	B50R_100_100ad	1.0	1.0	1.0	0.0	1.0	0.008	330	1.0	0.0	1.0	0.0	64.2	0.0	
711	B88Y_100_100ad	1.0	0.875	1.0	0.0	0.875	0.012	336	1.0	0.0	0.875	0.0	65.4	0.0	
712	R85Y_100_087ad	1.0	0.875	0.625	1.0	0.875	0.006	354	1.0	0.0	0.875	4.9	61.1	4.6	
713	R85Y_100_075ad	1.0	0.875	0.5	1.0	0.875	0.008	344	1.0	0.0	0.875	0.0	64.2	0.0	
714	R81Y_100_062ad	1.0	0.875	0.375	1.0	0.875	0.006	354	1.0	0.0	0.875	4.9	61.1	4.6	
715	R76Y_100_050ad	1.0	0.875	0.25	1.0	0.875	0.008	344	1.0	0.0	0.875	0.0	64.2	0.0	
716	R68Y_100_050ad	1.0	0.875	0.125	1.0	0.875	0.012	336	1.0	0.0	0.875	0.0	65.4	0.0	
717	R50Y_100_025ad	1.0	0.875	0.125	1.0	0.875	0.002	360	1.0	0.0	0.875	4.9	61.1	4.6	
718	ROY1_100_012ad	1.0	0.875	0.125	1.0	0.875	0.004	360	1.0	0.0	0.875	4.9	61.1	4.6	
719	B50R_100_100ad	1.0	1.0	1.0	0.0	1.0	0.008	330	1.0	0.0	1.0	0.0	64.2	0.0	
720	Y00G_100_087ad	1.0	1.0	1.0	0.0	1.0	0.012	336	1.0	0.0	1.0	0.0	65.4	0.0	
721	Y00G_100_087ad	1.0	1.0	1.0	0.0	1.0	0.016	330	1.0	0.0	1.0	0.0	66.6	34.8	33.4
722	Y00G_100_075ad	1.0	1.0	1.0	0.0	1.0	0.020	324	1.0	0.0	1.0	0.0	67.8	33.4	33.4
723	Y00G_100_062ad	1.0	1.0	1.0	0.0	1.0	0.025	318	1.0	0.0	1.0	0.0	69.0	33.4	33.4
724	Y00G_100_050ad	1.0	1.0	1.0	0.0	1.0	0.030	312	1.0	0.0	1.0	0.0	70.2	33.4	33.4
725	Y00G_100_037ad	1.0	1.0	1.0	0.0	1.0	0.035	306	1.0	0.0	1.0	0.0	71.4	33.4	33.4
726	Y00G_100_025ad	1.0	1.0	1.0	0.0	1.0	0.040	300	1.0	0.0	1.0	0.0	72.6	33.4	33.4
727	Y00G_100_012ad	1.0	1.0	1.0	0.0	1.0	0.045	294	1.0	0.0	1.0	0.0	73.8	33.4	33.4
728	NW_100ad	1.0	1.0	1.0	0.0	1.0	0.050	288	1.0	0.0	1.0	0.0	75.0	33.4	33.4

PI890-7N_28-33-F

grafico TUB-PI89; cerchio delle tinte a 16 passi
colori e la differenza, ΔE*

4-1032730-F0

4-1032730-F0

<http://farbe.li.tu-berlin.de/PI89/PI89L0FP.PDF /.PS>; linearizzazione 3D
F: linearizzazione 3D PI89/PI89L30FP.DAT nel file (F), pagine 32/33

Input: *rgb/cmyk* -> *rgbdd*
Output: 3D-linearizzazione a *cmyk**dd

n	HC*Fid	rgb_Fid	icr_Fid	hsa_Fid	rgb*Fid	LabC*Fid	cmyk*_sep_Fid	hsa_Lid	rgb*Fid	LabC*Fid	delta
972	NW_0000ad	0.125	0.125	0.0	0.0	0.0	0.0	360	1.0	1.0	0.0
973	NW_0120ad	0.125	0.125	0.0	0.0	23.8	0.0	0.0	0.815	0.815	0.0
974	NW_0240ad	0.25	0.25	0.0	0.0	47.6	0.0	0.0	0.16	0.16	0.0
975	NW_0360ad	0.375	0.375	0.0	0.0	71.4	0.0	0.0	0.51	0.51	0.0
976	NW_0480ad	0.5	0.5	0.0	0.0	95.2	0.0	0.0	0.865	0.865	0.0
977	NW_0600ad	0.625	0.625	0.0	0.0	119.0	0.0	0.0	1.215	1.215	0.0
978	NW_0720ad	0.75	0.75	0.0	0.0	142.8	0.0	0.0	1.565	1.565	0.0
979	NW_0840ad	0.875	0.875	0.0	0.0	166.6	0.0	0.0	1.915	1.915	0.0
980	NW_1000ad	1.0	1.0	0.0	0.0	190.4	0.0	0.0	2.265	2.265	0.0
981	NW_1120ad	0.125	0.125	0.0	0.0	214.2	0.0	0.0	2.615	2.615	0.0
982	NW_0120ad	0.125	0.125	0.0	0.0	238.0	0.0	0.0	2.965	2.965	0.0
983	NW_0240ad	0.25	0.25	0.0	0.0	261.8	0.0	0.0	3.315	3.315	0.0
984	NW_0360ad	0.375	0.375	0.0	0.0	285.6	0.0	0.0	3.665	3.665	0.0
985	NW_0480ad	0.5	0.5	0.0	0.0	309.4	0.0	0.0	4.015	4.015	0.0
986	NW_0600ad	0.625	0.625	0.0	0.0	333.2	0.0	0.0	4.365	4.365	0.0
987	NW_0720ad	0.75	0.75	0.0	0.0	357.0	0.0	0.0	4.715	4.715	0.0
988	NW_0840ad	0.875	0.875	0.0	0.0	380.8	0.0	0.0	5.065	5.065	0.0
989	NW_1000ad	1.0	1.0	0.0	0.0	404.6	0.0	0.0	5.415	5.415	0.0
990	NW_1120ad	0.125	0.125	0.0	0.0	428.4	0.0	0.0	5.765	5.765	0.0
991	NW_0120ad	0.125	0.125	0.0	0.0	452.2	0.0	0.0	6.115	6.115	0.0
992	NW_0240ad	0.25	0.25	0.0	0.0	476.0	0.0	0.0	6.465	6.465	0.0
993	NW_0360ad	0.375	0.375	0.0	0.0	500.0	0.0	0.0	6.815	6.815	0.0
994	NW_0480ad	0.5	0.5	0.0	0.0	524.0	0.0	0.0	7.165	7.165	0.0
995	NW_0600ad	0.625	0.625	0.0	0.0	548.0	0.0	0.0	7.515	7.515	0.0
996	NW_0720ad	0.75	0.75	0.0	0.0	572.0	0.0	0.0	7.865	7.865	0.0
997	NW_0840ad	0.875	0.875	0.0	0.0	596.0	0.0	0.0	8.215	8.215	0.0
998	NW_1000ad	1.0	1.0	0.0	0.0	620.0	0.0	0.0	8.565	8.565	0.0
999	NW_1120ad	0.125	0.125	0.0	0.0	644.0	0.0	0.0	8.915	8.915	0.0
1000	NW_0120ad	0.125	0.125	0.0	0.0	668.0	0.0	0.0	9.265	9.265	0.0
1001	NW_0240ad	0.25	0.25	0.0	0.0	692.0	0.0	0.0	9.615	9.615	0.0
1002	NW_0360ad	0.375	0.375	0.0	0.0	716.0	0.0	0.0	9.965	9.965	0.0
1003	NW_0480ad	0.5	0.5	0.0	0.0	740.0	0.0	0.0	10.315	10.315	0.0
1004	NW_0600ad	0.625	0.625	0.0	0.0	764.0	0.0	0.0	10.665	10.665	0.0
1005	NW_0720ad	0.75	0.75	0.0	0.0	788.0	0.0	0.0	11.015	11.015	0.0
1006	NW_0840ad	0.875	0.875	0.0	0.0	812.0	0.0	0.0	11.365	11.365	0.0
1007	NW_1000ad	1.0	1.0	0.0	0.0	836.0	0.0	0.0	11.715	11.715	0.0
1008	NW_1120ad	0.125	0.125	0.0	0.0	860.0	0.0	0.0	12.065	12.065	0.0
1009	NW_0120ad	0.125	0.125	0.0	0.0	884.0	0.0	0.0	12.415	12.415	0.0
1010	NW_0240ad	0.25	0.25	0.0	0.0	908.0	0.0	0.0	12.765	12.765	0.0
1011	NW_0360ad	0.375	0.375	0.0	0.0	932.0	0.0	0.0	13.115	13.115	0.0
1012	NW_0480ad	0.5	0.5	0.0	0.0	956.0	0.0	0.0	13.465	13.465	0.0
1013	NW_0600ad	0.625	0.625	0.0	0.0	980.0	0.0	0.0	13.815	13.815	0.0
1014	NW_0720ad	0.75	0.75	0.0	0.0	1004.0	0.0	0.0	14.165	14.165	0.0
1015	NW_0840ad	0.875	0.875	0.0	0.0	1028.0	0.0	0.0	14.515	14.515	0.0
1016	NW_1000ad	1.0	1.0	0.0	0.0	1052.0	0.0	0.0	14.865	14.865	0.0
1017	NW_1120ad	0.125	0.125	0.0	0.0	1076.0	0.0	0.0	15.215	15.215	0.0
1018	NW_0120ad	0.125	0.125	0.0	0.0	1100.0	0.0	0.0	15.565	15.565	0.0
1019	NW_0240ad	0.25	0.25	0.0	0.0	1124.0	0.0	0.0	15.915	15.915	0.0
1020	NW_0360ad	0.375	0.375	0.0	0.0	1148.0	0.0	0.0	16.265	16.265	0.0
1021	NW_0480ad	0.5	0.5	0.0	0.0	1172.0	0.0	0.0	16.615	16.615	0.0
1022	NW_0600ad	0.625	0.625	0.0	0.0	1196.0	0.0	0.0	16.965	16.965	0.0
1023	NW_0720ad	0.75	0.75	0.0	0.0	1220.0	0.0	0.0	17.315	17.315	0.0
1024	NW_0840ad	0.875	0.875	0.0	0.0	1244.0	0.0	0.0	17.665	17.665	0.0
1025	NW_1000ad	1.0	1.0	0.0	0.0	1268.0	0.0	0.0	18.015	18.015	0.0
1026	NW_1120ad	0.125	0.125	0.0	0.0	1292.0	0.0	0.0	18.365	18.365	0.0
1027	NW_0120ad	0.125	0.125	0.0	0.0	1316.0	0.0	0.0	18.715	18.715	0.0
1028	NW_0240ad	0.25	0.25	0.0	0.0	1340.0	0.0	0.0	19.065	19.065	0.0
1029	NW_0360ad	0.375	0.375	0.0	0.0	1364.0	0.0	0.0	19.415	19.415	0.0
1030	NW_0480ad	0.5	0.5	0.0	0.0	1388.0	0.0	0.0	19.765	19.765	0.0
1031	NW_0600ad	0.625	0.625	0.0	0.0	1412.0	0.0	0.0	20.115	20.115	0.0
1032	NW_0720ad	0.75	0.75	0.0	0.0	1436.0	0.0	0.0	20.465	20.465	0.0
1033	NW_0840ad	0.875	0.875	0.0	0.0	1460.0	0.0	0.0	20.815	20.815	0.0
1034	NW_1000ad	1.0	1.0	0.0	0.0	1484.0	0.0	0.0	21.165	21.165	0.0
1035	NW_1120ad	0.125	0.125	0.0	0.0	1508.0	0.0	0.0	21.515	21.515	0.0
1036	NW_0120ad	0.125	0.125	0.0	0.0	1532.0	0.0	0.0	21.865	21.865	0.0
1037	NW_0240ad	0.25	0.25	0.0	0.0	1556.0	0.0	0.0	22.215	22.215	0.0
1038	NW_0360ad	0.375	0.375	0.0	0.0	1580.0	0.0	0.0	22.565	22.565	0.0
1039	NW_0480ad	0.5	0.5	0.0	0.0	1604.0	0.0	0.0	22.915	22.915	0.0
1040	NW_0600ad	0.625	0.625	0.0	0.0	1628.0	0.0	0.0	23.265	23.265	0.0
1041	NW_0720ad	0.75	0.75	0.0	0.0	1652.0	0.0	0.0	23.615	23.615	0.0
1042	NW_0840ad	0.875	0.875	0.0	0.0	1676.0	0.0	0.0	23.965	23.965	0.0
1043	NW_1000ad	1.0	1.0	0.0	0.0	1700.0	0.0	0.0	24.315	24.315	0.0
1044	NW_1120ad	0.125	0.125	0.0	0.0	1724.0	0.0	0.0	24.665	24.665	0.0
1045	NW_0120ad	0.125	0.125	0.0	0.0	1748.0	0.0	0.0	25.015	25.015	0.0
1046	NW_0240ad	0.25	0.25	0.0	0.0	1772.0	0.0	0.0	25.365	25.365	0.0
1047	NW_0360ad	0.375	0.375	0.0	0.0	1796.0	0.0	0.0	25.715	25.715	0.0
1048	NW_0480ad	0.5	0.5	0.0	0.0	1820.0	0.0	0.0	26.065	26.065	0.0
1049	NW_0600ad	0.625	0.625	0.0	0.0	1844.0	0.0	0.0	26.415	26.415	0.0
1050	NW_0720ad	0.75	0.75	0.0	0.0	1868.0	0.0	0.0	26.765	26.765	0.0
1051	NW_0840ad	0.875	0.875	0.0	0.0	1892.0	0.0	0.0	27.115	27.115	0.0
1052	NW_1000ad	1.0	1.0	0.0	0.0	1916.0	0.0	0.0	27.465	27.465	0.0

PI890-7N_32.33-F

grafico TUB-PI89; cerchio delle tinte a 16 passi
colori e la differenza, ΔE^*

4-1033130-F0

http://farbe.li.tu-berlin.de/PI89/PI89L0FP.PDF /.PS; linearizzazione 3D
 F: linearizzazione 3D PI89/PI89L130FP.DAT nel file (F), pagine 33/33



n	HC*Fid	rgb*Fid	icr*Fid	hsa*Fid	rgb*Fid	LabC*Fid	cmym*sep*Fid	cmym*sep*Fid	0.019	0.005	0.164	hsa*Id	rgb*Id	LabC*Id	LabC*Id	0.0	0.0	0.0				
1053	NW_0860ad	0.866	0.866	0.866	0.866	0.866	0.0	0.0	0.0	0.0	0.164	360	1.0	95.8	0.0	0.0	0.0					
1054	NW_0975ad	0.933	0.933	0.933	0.933	0.933	0.0	0.0	0.0	0.0	0.103	360	1.0	95.8	0.0	0.0	0.0					
1055	NW_1000ad	1.0	1.0	1.0	1.0	1.0	0.0	0.0	0.0	0.0	0.0	360	1.0	95.8	0.0	0.0	0.0					
1056	NW_0065ad	0.066	0.066	0.066	0.066	0.066	0.066	0.066	0.066	0.066	0.865	360	1.0	95.8	0.0	0.0	0.0					
1057	NW_0133ad	0.133	0.133	0.133	0.133	0.133	0.133	0.133	0.133	0.133	0.809	360	1.0	95.8	0.0	0.0	0.0					
1058	NW_0266ad	0.266	0.266	0.266	0.266	0.266	0.266	0.266	0.266	0.266	0.76	360	1.0	95.8	0.0	0.0	0.0					
1059	NW_0466ad	0.466	0.466	0.466	0.466	0.466	0.466	0.466	0.466	0.466	0.701	360	1.0	95.8	0.0	0.0	0.0					
1060	NW_0533ad	0.533	0.533	0.533	0.533	0.533	0.533	0.533	0.533	0.533	0.652	360	1.0	95.8	0.0	0.0	0.0					
1061	NW_0666ad	0.666	0.666	0.666	0.666	0.666	0.666	0.666	0.666	0.666	0.608	360	1.0	95.8	0.0	0.0	0.0					
1062	NW_0734ad	0.734	0.734	0.734	0.734	0.734	0.734	0.734	0.734	0.734	0.539	360	1.0	95.8	0.0	0.0	0.0					
1063	NW_0866ad	0.866	0.866	0.866	0.866	0.866	0.866	0.866	0.866	0.866	0.482	360	1.0	95.8	0.0	0.0	0.0					
1064	NW_0975ad	0.933	0.933	0.933	0.933	0.933	0.933	0.933	0.933	0.933	0.427	360	1.0	95.8	0.0	0.0	0.0					
1065	NW_1000ad	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.381	360	1.0	95.8	0.0	0.0	0.0					
1066	NW_0065ad	0.066	0.066	0.066	0.066	0.066	0.066	0.066	0.066	0.066	0.23	360	1.0	95.8	0.0	0.0	0.0					
1067	NW_0133ad	0.133	0.133	0.133	0.133	0.133	0.133	0.133	0.133	0.133	0.23	360	1.0	95.8	0.0	0.0	0.0					
1068	NW_0266ad	0.266	0.266	0.266	0.266	0.266	0.266	0.266	0.266	0.266	0.164	360	1.0	95.8	0.0	0.0	0.0					
1069	NW_0466ad	0.466	0.466	0.466	0.466	0.466	0.466	0.466	0.466	0.466	0.103	360	1.0	95.8	0.0	0.0	0.0					
1070	NW_0533ad	0.533	0.533	0.533	0.533	0.533	0.533	0.533	0.533	0.533	0.0	360	1.0	95.8	0.0	0.0	0.0					
1071	NW_0666ad	0.666	0.666	0.666	0.666	0.666	0.666	0.666	0.666	0.666	0.0	360	1.0	95.8	0.0	0.0	0.0					
1072	NW_0734ad	0.734	0.734	0.734	0.734	0.734	0.734	0.734	0.734	0.734	0.0	360	1.0	95.8	0.0	0.0	0.0					
1073	NW_0866ad	0.866	0.866	0.866	0.866	0.866	0.866	0.866	0.866	0.866	0.0	360	1.0	95.8	0.0	0.0	0.0					
1074	NW_0975ad	0.933	0.933	0.933	0.933	0.933	0.933	0.933	0.933	0.933	0.0	360	1.0	95.8	0.0	0.0	0.0					
1075	NW_1000ad	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.0	360	1.0	95.8	0.0	0.0	0.0					
1076	ROY_100_100ad	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.0	360	1.0	95.8	0.0	0.0	0.0					
1077	CS0B_100_100ad	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	210	0.0	53.1	57.2	37.8	68.6	33.4				
1078	Y06C_100_100ad	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	89	0.0	91.5	-30.0	-43.1	57.2	37.8	68.6	33.4		
1079	B08C_100_100ad	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	270	0.0	91.5	-15.8	84.6	16.9	15.8	84.6	16.9	15.8	84.6
1078	B08C_100_100ad	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	270	0.0	91.5	-15.8	84.6	16.9	15.8	84.6	16.9	15.8	84.6
1078	B08C_100_100ad	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	270	0.0	91.5	-15.8	84.6	16.9	15.8	84.6	16.9	15.8	84.6
1079	B50R_100_100ad	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	330	0.0	48.1	65.4	-12.7	66.6	348.3	0.0	0.0	0.0	0.0

delta

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

grafico TUB-PI89; cerchio delle tinte a 16 passi
 colori e la differenza, ΔE*



Immettere y uscita: Printer Reflective System FRS06a

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

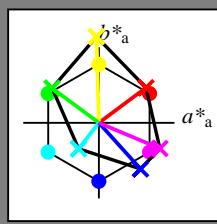
HIC*

codice di tonalità per i colori questa pagina:

H*_ = R00Y_, R25Y_, ..., B75R_

ORS20a; dati atti CIELAB (a)

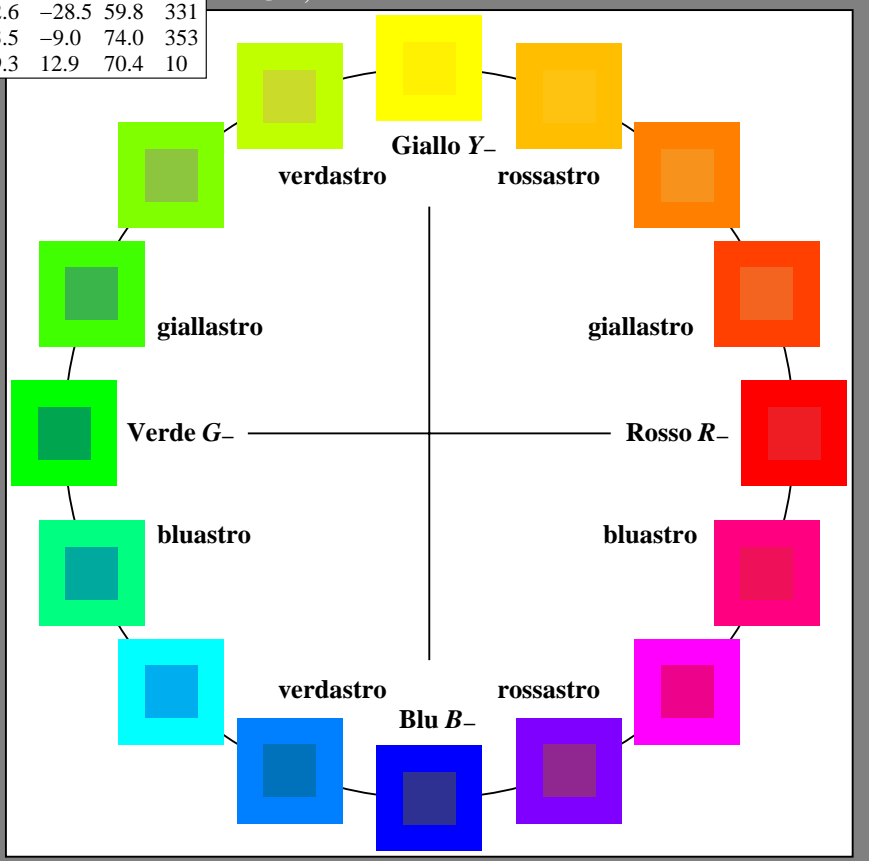
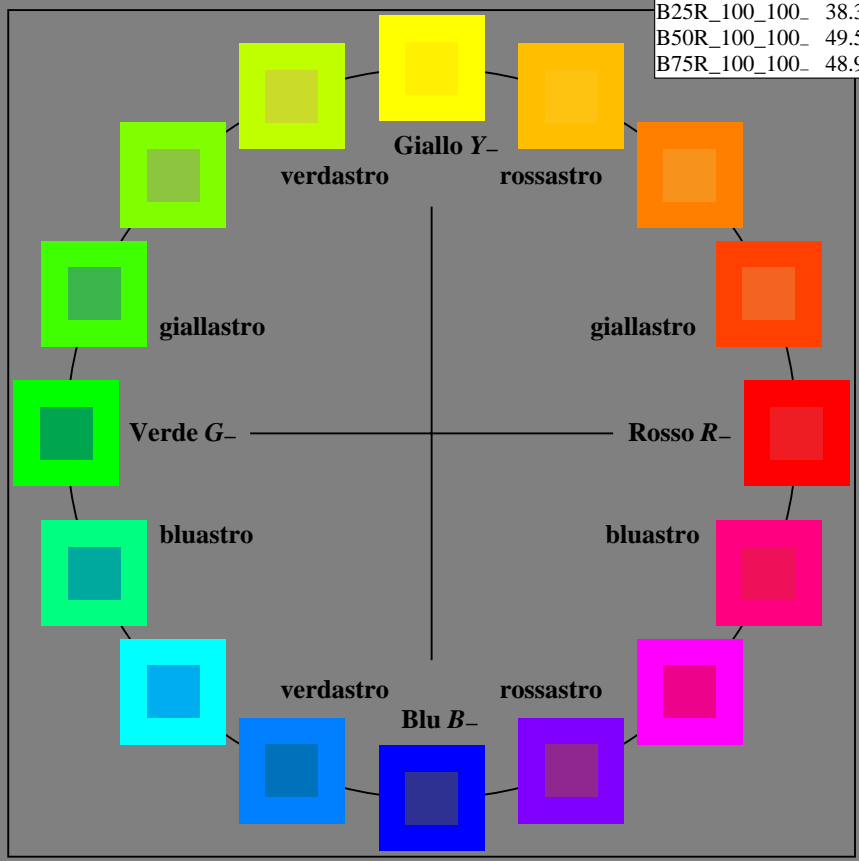
H*_	L*=L*_a a*_a	b*_a	C*_ab,a	h*_ab,a	
R00Y_100_100_	48.4	66.1	40.2	77.3	31
R25Y_100_100_	56.8	48.0	50.5	69.6	46
R50Y_100_100_	68.6	25.0	63.9	68.6	68
R75Y_100_100_	80.6	4.8	77.2	77.3	86
Y00G_100_100_	90.2	-9.6	88.2	88.7	96
Y25G_100_100_	83.2	-18.4	79.9	81.9	102
Y50G_100_100_	73.3	-31.7	62.7	70.2	116
Y75G_100_100_	62.0	-49.7	43.2	65.8	139
G00B_100_100_	55.8	-65.2	33.8	73.4	152
G25B_100_100_	59.3	-50.3	-9.0	51.0	190
G50B_100_100_	63.0	-30.5	-42.0	51.9	234
G75B_100_100_	45.7	-5.7	-44.6	44.9	262
B00R_100_100_	27.5	25.9	-47.3	53.9	298
B25R_100_100_	38.3	52.6	-28.5	59.8	331
B50R_100_100_	49.5	73.5	-9.0	74.0	353
B75R_100_100_	48.9	69.3	12.9	70.4	10



%Gamma
u*_rel = 114
%Regularità
g*_H,rel = 28
g*_C,rel = 38

FRS06a; dati atti CIELAB (a)

name	L*=L*_a a*_a	b*_a	C*_ab,a	h*_ab,a	
R_ Ma	32.5	62.3	46.4	77.7	36
Y_ Ma	82.7	-3.1	113.9	114.0	91
G_ Ma	39.4	-61.8	45.8	76.9	143
C_ Ma	47.8	-26.8	-34.2	43.4	231
B_ Ma	10.1	55.1	-61.0	82.2	312
M_ Ma	34.5	80.6	-33.9	87.5	337
N_ Ma	6.2	0.0	0.0	0.0	0
W_ Ma	91.9	0.0	0.0	0.0	0
R_ CIE	39.9	58.7	27.9	65.0	25
Y_ CIE	81.2	-2.8	71.5	71.6	92
G_ CIE	52.2	-42.4	13.6	44.5	162
B_ CIE	30.5	1.4	-46.4	46.4	271



vedi file simili: <http://farbe.li.tu-berlin.de/PI89/PI89L0FP.PDF> / .PS
 informazioni tecniche: <http://www.ps.bam.de> o <http://130.149.60.45/~farbmetrik>

iscrizione TUB: 20150701-PI89/PI89L0FP.PDF / .PS
 Applicazione per la misura dell' output della stampante laser

TUB materiale: code=rh4ta

4-113030-L0 PI890-7N

grafico TUB-PI89; cerchio delle tinte a 16 passi
 grafico conformemente a DIN 33872, 3D=1, de=1, cmyk*

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

Immettere y uscita: Printer Reflective System FRS06a

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

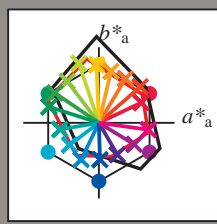
HIC^*_e

codice di tonalità per i colori questa pagina:

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

LRS18a; dati atti CIELAB (a)

H^*_e	$L^*=L^*_a a^*_a$	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
R00Y_100_100_e	47.5	56.0	26.7	62.1
R25Y_100_100_e	51.4	54.8	47.7	72.6
R50Y_100_100_e	61.8	35.2	58.4	68.2
R75Y_100_100_e	72.3	16.1	68.2	70.1
Y00G_100_100_e	83.6	-3.1	76.8	76.9
Y25G_100_100_e	85.8	-26.4	78.5	82.9
Y50G_100_100_e	71.0	-41.7	54.8	68.9
Y75G_100_100_e	59.9	-58.2	39.3	70.2
G00B_100_100_e	53.8	-65.9	21.1	69.2
G25B_100_100_e	55.0	-51.6	-8.7	52.3
G50B_100_100_e	54.9	-38.7	-29.1	48.4
G75B_100_100_e	51.7	-23.3	-48.6	53.9
B00R_100_100_e	37.3	1.4	-48.6	48.7
B25R_100_100_e	31.5	24.4	-41.9	48.5
B50R_100_100_e	38.5	46.7	-28.5	54.7
B75R_100_100_e	49.4	65.5	-9.1	66.2



%Gamma
 $u^*_{rel} = 114$
 %Regularità
 $g^*_{H,rel} = 28$
 $g^*_{C,rel} = 38$

LRS18a; dati atti CIELAB (a)

name	$L^*=L^*_a a^*_a$	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
$R_{e, Ma}$	47.5	56.0	26.7	62.1
$Y_{e, Ma}$	83.6	-3.1	76.8	76.9
$G_{e, Ma}$	53.8	-65.9	21.1	69.2
$C_{e, Ma}$	54.9	-38.7	-29.1	48.4
$B_{e, Ma}$	37.3	1.4	-48.6	48.7
$M_{e, Ma}$	38.5	46.7	-28.5	54.7
$N_{e, Ma}$	23.8	0.0	0.0	0
$W_{e, Ma}$	95.8	0.0	0.0	0
$R_{e, CIE}$	39.9	58.7	27.9	65.0
$Y_{e, CIE}$	81.2	-2.8	71.5	71.6
$G_{e, CIE}$	52.2	-42.4	13.6	44.5
$B_{e, CIE}$	30.5	1.4	-46.4	46.4

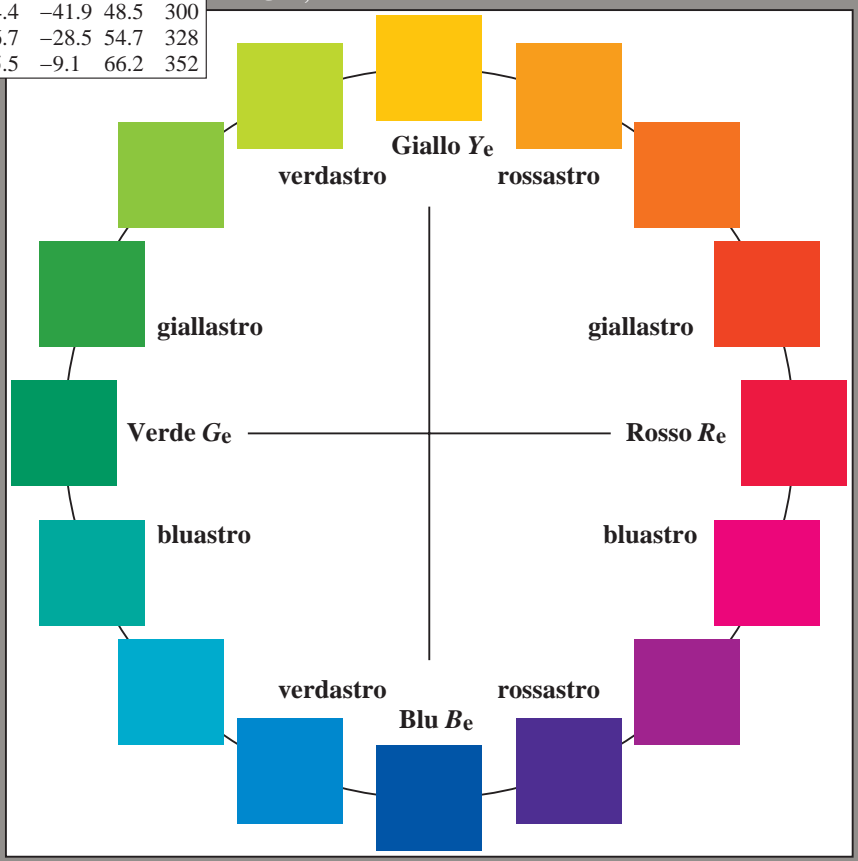
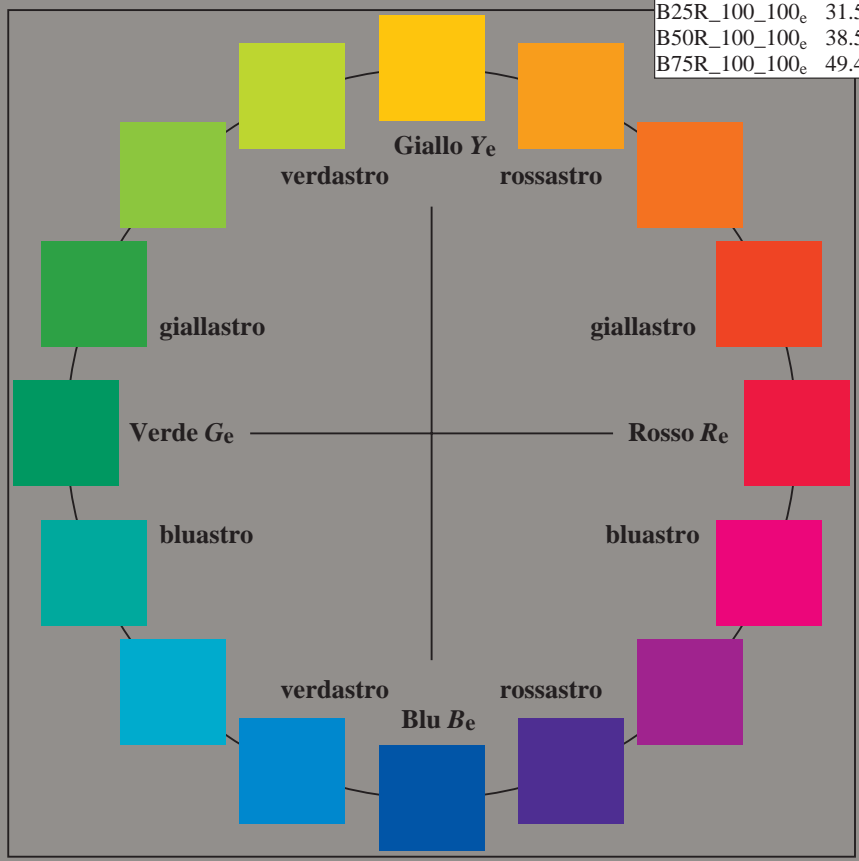


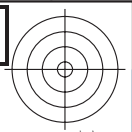
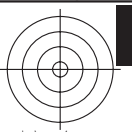
grafico TUB-PI89; cerchio delle tinte a 16 passi
 grafico conformemente a DIN 33872, 3D=1, de=1, $cm\dot{y}k^*$

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

vedi file simili: <http://farbe.li.tu-berlin.de/PI89/PI89L0FP.PDF> / .PS
 informazioni tecniche: <http://www.ps.bam.de> o <http://130.149.60.45/~farbmetrik>

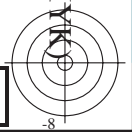
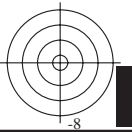
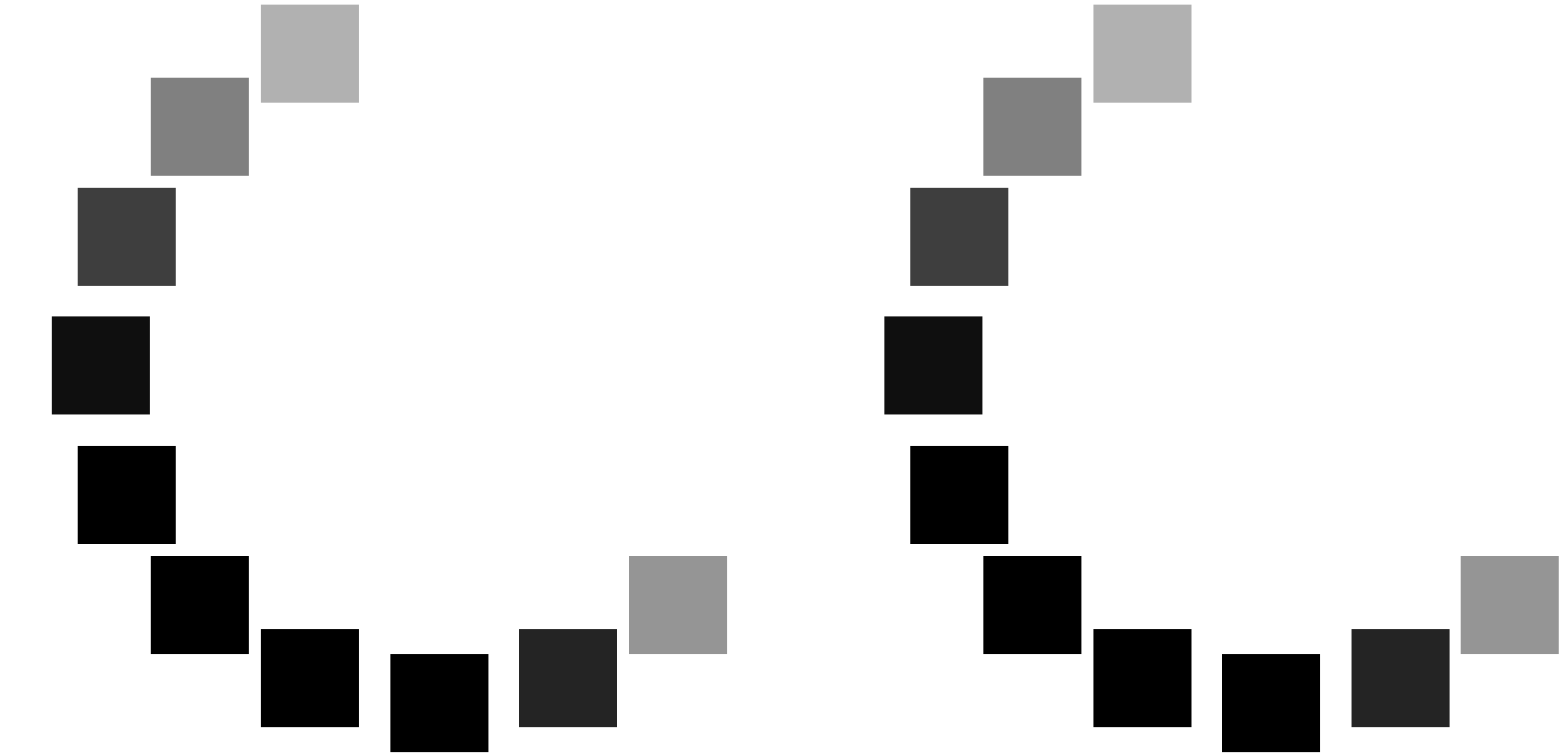
Iscrizione TUB: 20150701-PI89/PI89L0FP.PDF / .PS
 Applicazione per la misura dell'output della stampante laser, separazione $cm\dot{y}n6^*$ (CMYK)

TUB materiale: code=rh4ta



vedi file simili: <http://farbe.li.tu-berlin.de/PI89/PI89.HTM>
informazioni tecniche: <http://www.ps.bam.de> o <http://130.149.60.45/~farbmetrik>

iscrizione TUB: 20150701-PI89/PI89L0FP.PDF /.PS
TUB materiale: code=rh4ta
Applicazione per la misura dell'output output della stampante laser, separazione cmyk* (CMYK)

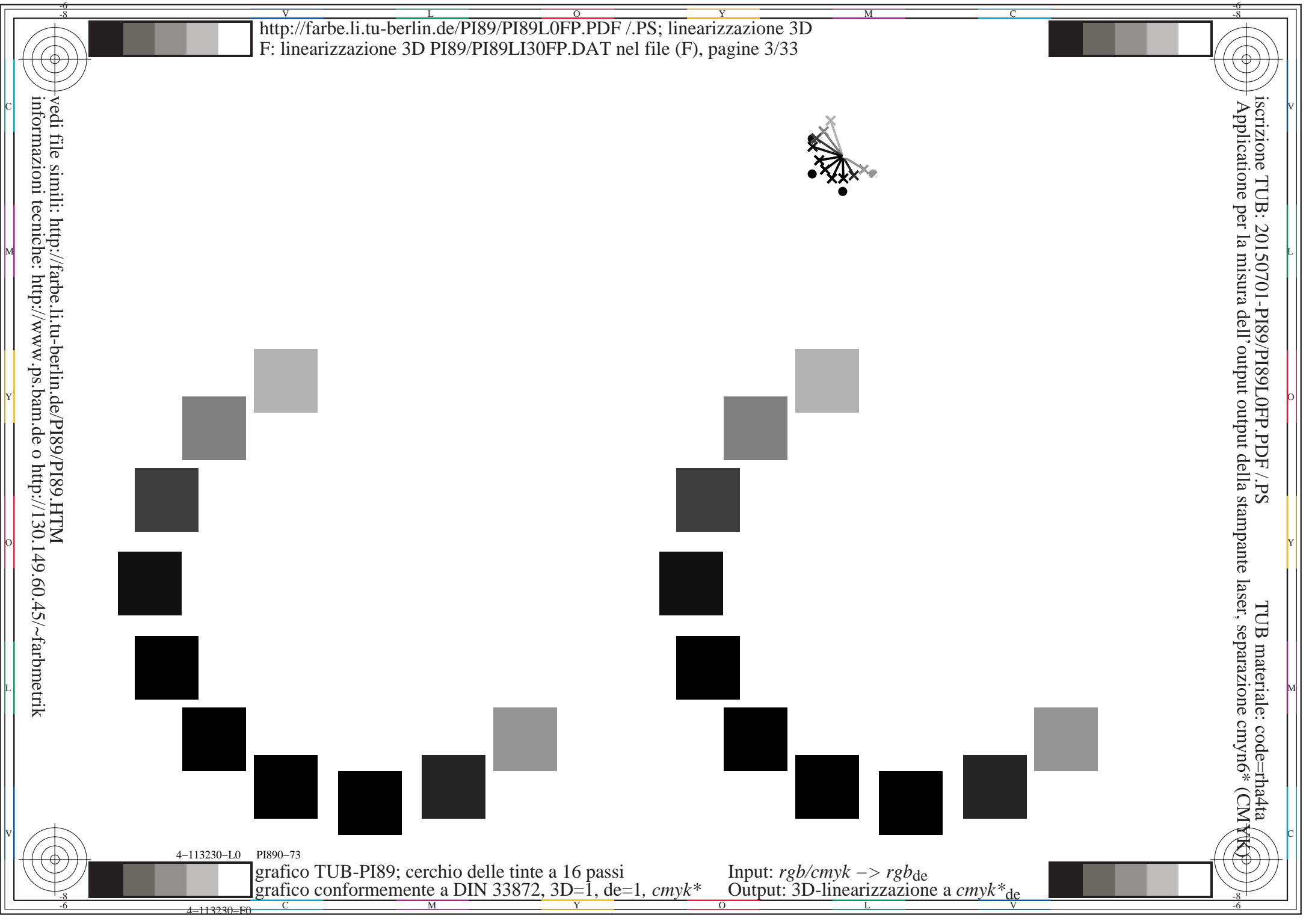


4-113230-L0 PI890-73

grafico TUB-PI89; cerchio delle tinte a 16 passi
grafico conformemente a DIN 33872, 3D=1, de=1, cmyk*

Input: *rgb/cmyk* -> *rgb_{de}*
Output: 3D-linearizzazione a *cmyk*_{de}*

4-113230-F0



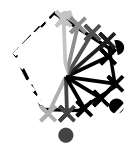
Immettere y uscita: Printer Reflective System FRS06a

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

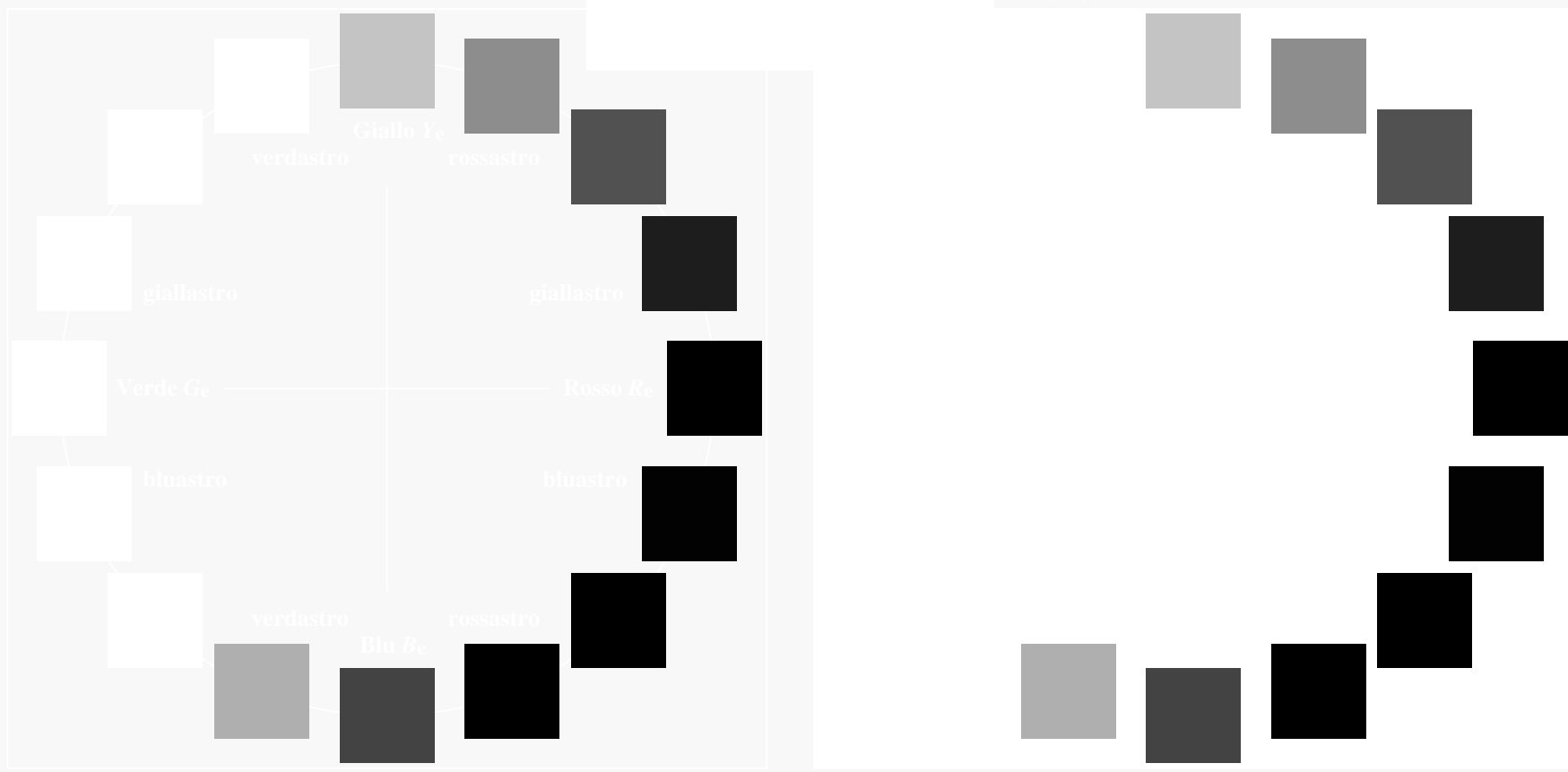
HIC^*_e

codice di tonalità per i colori questa pagina:

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



%Gamma
 $u^*_{rel} = 114$
%Regularità
 $g^*_{H,rel} = 28$
 $g^*_{C,rel} = 38$



vedi file simili: <http://farbe.li.tu-berlin.de/PI89/PI89.HTM>
informazioni tecniche: <http://www.ps.bam.de> o <http://130.149.60.45/~farbmetrik>

iscrizione TUB: 20150701-PI89/PI89L0FP.PDF /.PS
Applicazione per la misura dell'output della stampante laser, separazione $cm\dot{y}n_6^*$ (CMYK)
TUB materiale: code=rh4ta

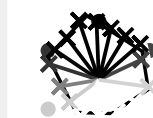
Immettere y uscita: Printer Reflective System FRS06a

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

HIC^*_e

codice di tonalità per i colori
questa pagina:

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



%Gamma

$u^*_{rel} = 114$

%Regularità

$g^*_{H,rel} = 28$

$g^*_{C,rel} = 38$

vedi file simili: <http://farbe.li.tu-berlin.de/PI89/PI89.HTM>
informazioni tecniche: <http://www.ps.bam.de> o <http://130.149.60.45/~farbmetrik>



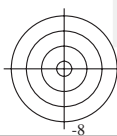
4-113430-L0 PI890-73

grafico TUB-PI89; cerchio delle tinte a 16 passi
grafico conformemente a DIN 33872, 3D=1, de=1, $cm\dot{y}k^*$

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

iscrizione TUB: 20150701-PI89/PI89L0FP.PDF /.PS
Applicazione per la misura dell'output della stampante laser, separazione $cm\dot{y}n6^*$ (CMYK)

TUB materiale: code=rh4ta



Immettere y uscita: Printer Reflective System FRS06a

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

HIC^*_e

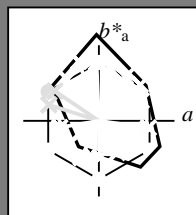
codice di tonalità per i colori

questa pagina:

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

LRS18a; dati atti CIELAB (a)

H^*_e	$L^*=L^*_a a^*_a$	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
R00Y_100_100 _e	47.5	56.0	26.7	62.1
R25Y_100_100 _e	51.4	54.8	47.7	72.6
R50Y_100_100 _e	61.8	35.2	58.4	68.2
R75Y_100_100 _e	72.3	16.1	68.2	70.1
Y00G_100_100 _e	83.6	-3.1	76.8	76.9
Y25G_100_100 _e	85.8	-26.4	78.5	82.9
Y50G_100_100 _e	71.0	-41.7	54.8	68.9
Y75G_100_100 _e	59.9	-58.2	39.3	70.2
G00B_100_100 _e	53.8	-65.9	21.1	69.2
G25B_100_100 _e	55.0	-51.6	-8.7	52.3
G50B_100_100 _e	54.9	-38.7	-29.1	48.4
G75B_100_100 _e	51.7	-23.3	-48.6	53.9
B00R_100_100 _e	37.3	1.4	-48.6	48.7
B25R_100_100 _e	31.5	24.4	-41.9	48.5
B50R_100_100 _e	38.5	46.7	-28.5	54.7
B75R_100_100 _e	49.4	65.5	-9.1	66.2



%Gamma

$u^*_{rel} = 114$

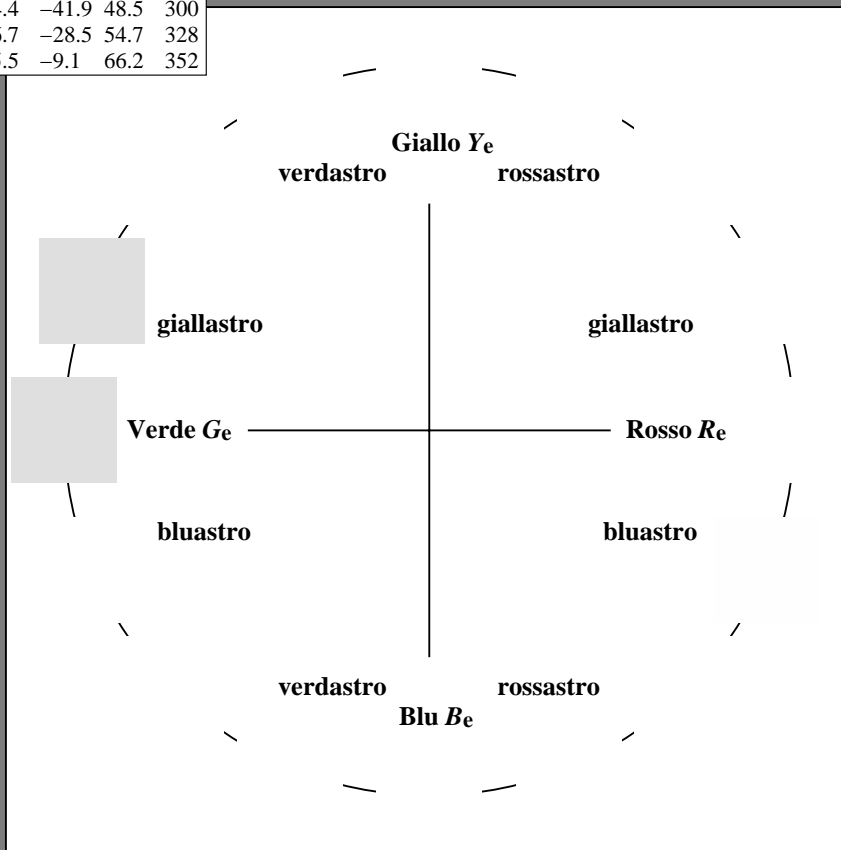
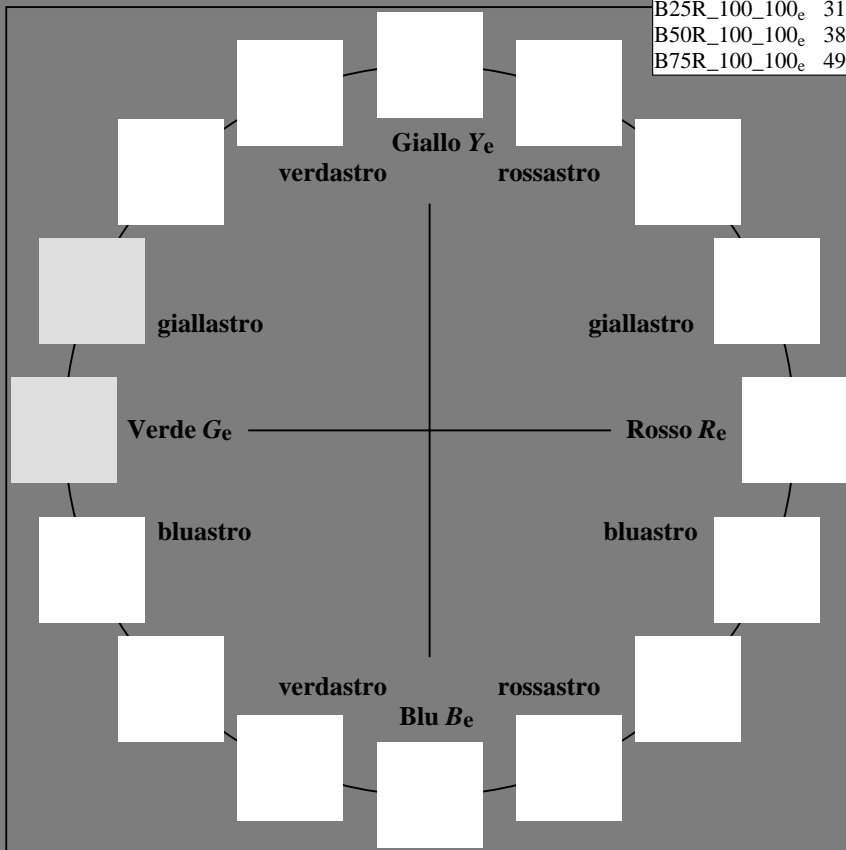
%Regularità

$g^*_{H,rel} = 28$

$g^*_{C,rel} = 38$

LRS18a; dati atti CIELAB (a)

name	$L^*=L^*_a a^*_a$	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
R _{e, Ma}	47.5	56.0	26.7	62.1
Y _{e, Ma}	83.6	-3.1	76.8	76.9
G _{e, Ma}	53.8	-65.9	21.1	69.2
C _{e, Ma}	54.9	-38.7	-29.1	48.4
B _{e, Ma}	37.3	1.4	-48.6	48.7
M _{e, Ma}	38.5	46.7	-28.5	54.7
N _{e, Ma}	23.8	0.0	0.0	0
W _{e, Ma}	95.8	0.0	0.0	0
R _{e, CIE}	39.9	58.7	27.9	65.0
Y _{e, CIE}	81.2	-2.8	71.5	71.6
G _{e, CIE}	52.2	-42.4	13.6	44.5
B _{e, CIE}	30.5	1.4	-46.4	46.4



4-113530-L0 PI890-73

grafico TUB-PI89; cerchio delle tinte a 16 passi
 grafico conformemente a DIN 33872, 3D=1, de=1, $cm\dot{y}k^*$

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

4-113530-F0

vedi file simili: <http://farbe.li.tu-berlin.de/PI89/PI89L0FP.PDF> / .PS
 informazioni tecniche: <http://www.ps.bam.de> o <http://130.149.60.45/~farbmetrik>

iscrizione TUB: 20150701-PI89/PI89L0FP.PDF / .PS
 Applicazione per la misura dell'output della stampante laser, separazione $cm\dot{y}n6^*$ (CMYK)

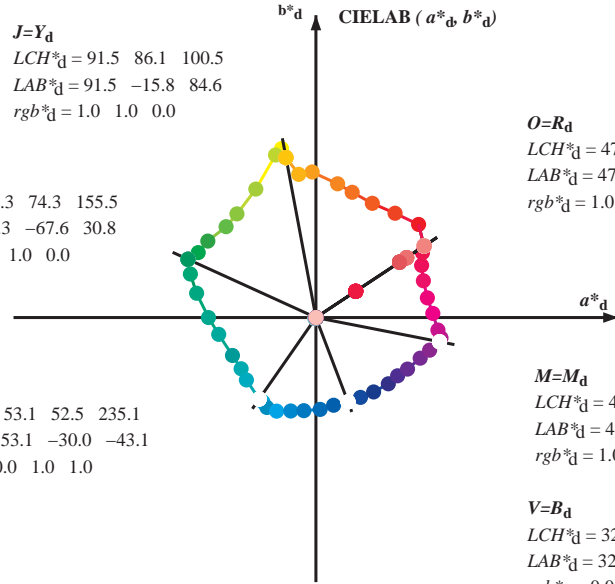
TUB materiale: code=rh4ta

Data of Maximum color M in colorimetric system Laser printer output; separation cmy⁶, 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: $h_{ab,d} = 33.5, 100.6, 155.5, 235.2, 290.8, 348.9$; Six hue angles of the elementary colours RYGBM_e: $h_{ab,e} = 25.5, 92.3, 162.2, 217.0, 271.7, 328.6$

$J=Y_d$
 $LCH^*_d = 91.5 \ 86.1 \ 100.5$
 $LAB^*_d = 91.5 \ -15.8 \ 84.6$
 $rgb^*_d = 1.0 \ 1.0 \ 0.0$

$L=G_d$
 $LCH^*_d = 54.3 \ 74.3 \ 155.5$
 $LAB^*_d = 54.3 \ -67.6 \ 30.8$
 $rgb^*_d = 0.0 \ 1.0 \ 0.0$

$C=C_d$
 $LCH^*_d = 53.1 \ 52.5 \ 235.1$
 $LAB^*_d = 53.1 \ -30.0 \ -43.1$
 $rgb^*_d = 0.0 \ 1.0 \ 1.0$



$O=R_d$
 $LCH^*_d = 47.5 \ 68.6 \ 33.4$
 $LAB^*_d = 47.5 \ 57.2 \ 37.8$
 $rgb^*_d = 1.0 \ 0.0 \ 0.0$

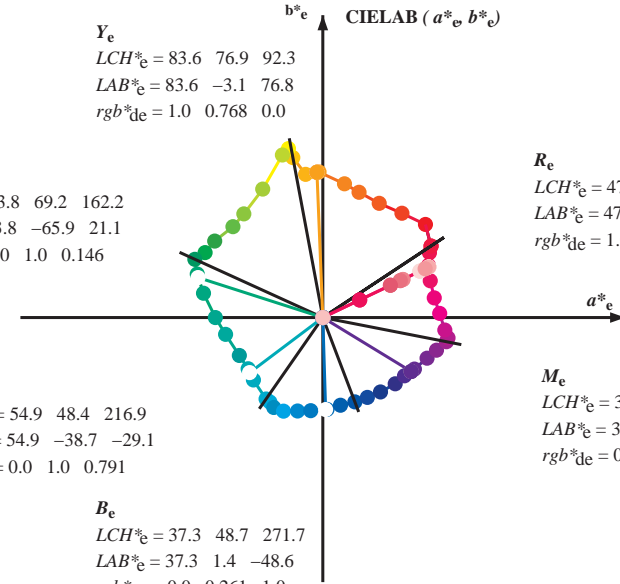
$M=M_d$
 $LCH^*_d = 48.1 \ 66.6 \ 348.9$
 $LAB^*_d = 48.1 \ 65.4 \ -12.7$
 $rgb^*_d = 1.0 \ 0.0 \ 1.0$

$V=B_d$
 $LCH^*_d = 32.5 \ 47.7 \ 290.8$
 $LAB^*_d = 32.5 \ 16.9 \ -44.6$
 $rgb^*_d = 0.0 \ 0.0 \ 1.0$

Y_e
 $LCH^*_e = 83.6 \ 76.9 \ 92.3$
 $LAB^*_e = 83.6 \ -3.1 \ 76.8$
 $rgb^*_{de} = 1.0 \ 0.768 \ 0.0$

G_e
 $LCH^*_e = 53.8 \ 69.2 \ 162.2$
 $LAB^*_e = 53.8 \ -65.9 \ 21.1$
 $rgb^*_{de} = 0.0 \ 1.0 \ 0.146$

C_e
 $LCH^*_e = 54.9 \ 48.4 \ 216.9$
 $LAB^*_e = 54.9 \ -38.7 \ -29.1$
 $rgb^*_{de} = 0.0 \ 1.0 \ 0.791$



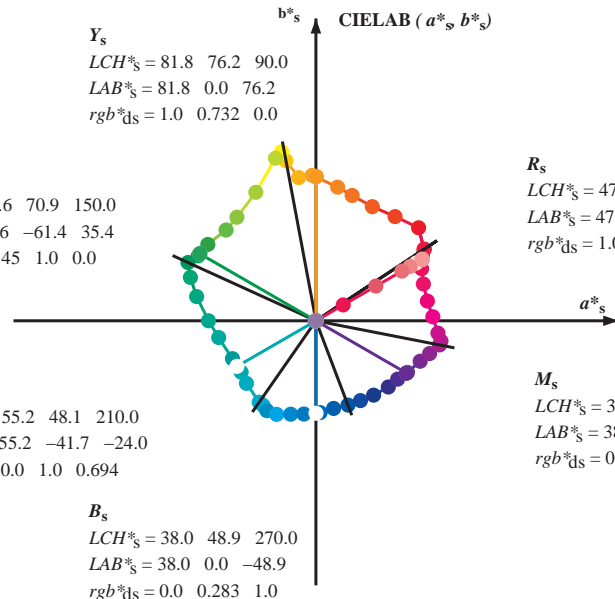
R_e
 $LCH^*_e = 47.5 \ 62.1 \ 25.4$
 $LAB^*_e = 47.5 \ 56.0 \ 26.7$
 $rgb^*_{de} = 1.0 \ 0.0 \ 0.263$

M_e
 $LCH^*_e = 38.5 \ 54.7 \ 328.6$
 $LAB^*_e = 38.5 \ 46.7 \ -28.5$
 $rgb^*_{de} = 0.584 \ 0.0 \ 1.0$

B_e
 $LCH^*_e = 37.3 \ 48.7 \ 271.7$
 $LAB^*_e = 37.3 \ 1.4 \ -48.6$
 $rgb^*_{de} = 0.0 \ 0.261 \ 1.0$

Y_s
 $LCH^*_s = 81.8 \ 76.2 \ 90.0$
 $LAB^*_s = 81.8 \ 0.0 \ 76.2$
 $rgb^*_{ds} = 1.0 \ 0.732 \ 0.0$

G_s
 $LCH^*_s = 57.6 \ 70.9 \ 150.0$
 $LAB^*_s = 57.6 \ -61.4 \ 35.4$
 $rgb^*_{ds} = 0.145 \ 1.0 \ 0.0$



R_s
 $LCH^*_s = 47.6 \ 65.0 \ 30.0$
 $LAB^*_s = 47.6 \ 56.3 \ 32.5$
 $rgb^*_{ds} = 1.0 \ 0.0 \ 0.157$

M_s
 $LCH^*_s = 38.9 \ 55.3 \ 330.0$
 $LAB^*_s = 38.9 \ 47.9 \ -27.6$
 $rgb^*_{ds} = 0.612 \ 0.0 \ 1.0$

B_s
 $LCH^*_s = 38.0 \ 48.9 \ 270.0$
 $LAB^*_s = 38.0 \ 0.0 \ -48.9$
 $rgb^*_{ds} = 0.0 \ 0.283 \ 1.0$

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

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

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

$h_{ab,s}$

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

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

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

$h_{ab,e}$

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

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

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

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

rgb^*_e

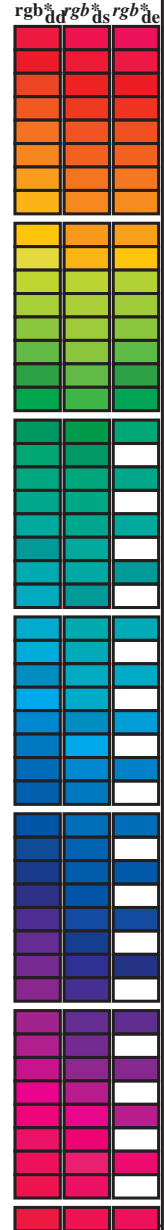
vedi file simili: http://farbe.li.tu-berlin.de/PI89/PI89.HTM
 informazioni tecniche: http://www.ps.bam.de o http://130.149.60.45/~farbmetrik

Iscrizione TUB: 20150701-PI89/PI89L0FP.PDF /.PS
 Applicazione per la misura dell'output della stampante laser, separazione cmy⁶* (CMYK*)
 TUB materiale: code=rh4ta

Data of maximum color M in colorimetric system Laser printer output; separation cmy⁶*, D65 for input or output; Six hue angles of the 60 degree standard colours RY⁶CBM₆: h_{ab,ds} = 30.0, 90.0, 150.0, 210.0, 270.0, 330.0;

Six hue angles of the device colours RY⁶CBM_d: h_{ab,d} = 33.5, 100.6, 155.5, 235.2, 290.8, 348.9; Six hue angles of the elementary colours RY⁶CBM_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 ⁶ * dd64M	LAB* ddx64M (x=LabCh)	rgb ⁶ * ddx361M	LAB* ddx361M (x=LabCh)	rgb ⁶ * dsx361M	LAB* dsx361M (x=LabCh)	rgb ⁶ * dex361M	LAB* dex361M
33.4	30.0	25.4	1.0 0.0 0.0	47.5 57.2 37.8 68.6 33.4	1.0 0.0 0.0	47.6 57.2 37.9 68.6 33	1.0 0.0 0.158 47.7	56.3 32.5 65.0 30	1.0 0.0	0.263 47.6 56.1 26.7 62.1 25
42.1	37.5	33.8	1.0 0.125 0.0	51.9 54.3 49.2 73.2 42.1	1.0 0.117 0.0	51.7 54.6 48.5 73.0 41	1.0 0.005 0.0	49.4 56.3 42.4 70.5 37	1.0 0.0	0.012 47.6 57.2 37.5 68.4 33
52.8	45.0	42.1	1.0 0.25 0.0	58.2 41.8 55.1 69.2 52.8	1.0 0.25 0.0	58.3 41.8 55.2 69.2 52	1.0 0.158 0.0	53.6 51.1 51.1 72.2 45	1.0 0.125 0.0	52.0 54.3 49.2 73.2 42
63.7	52.5	50.5	1.0 0.375 0.0	64.6 29.8 60.4 67.3 63.7	1.0 0.367 0.0	64.2 30.6 60.1 67.5 63	1.0 0.24 0.0	57.8 42.8 54.8 69.6 52	1.0 0.216 0.0	56.6 45.2 53.9 70.3 49
73.8	60.0	58.8	1.0 0.5 0.0	70.5 19.2 66.2 69.0 73.8	1.0 0.5 0.0	70.5 19.2 66.3 69.0 73	1.0 0.332 0.0	62.5 34.0 58.9 68.0 60	1.0 0.32 0.0	61.8 35.2 58.4 68.2 58
80.7	67.5	67.2	1.0 0.625 0.0	74.9 11.4 70.7 71.6 80.7	1.0 0.617 0.0	74.6 12.0 70.5 71.5 80	1.0 0.416 0.0	66.6 26.5 62.5 67.9 67	1.0 0.412 0.0	66.4 26.9 62.3 67.9 66
91.5	75.0	75.6	1.0 0.75 0.0	82.9 -2.0 76.9 77.0 91.5	1.0 0.75 0.0	83.0 -1.9 77.0 77.0 -268	1.0 0.521 0.0	71.3 18.0 67.1 69.5 75	1.0 0.532 0.0	71.6 17.3 67.5 69.7 75
96.8	82.5	83.9	1.0 0.875 0.0	87.6 -9.0 75.7 76.3 96.8	1.0 0.867 0.0	87.3 -8.5 75.9 76.4 96	1.0 0.639 0.0	75.8 10.1 71.6 72.3 82	1.0 0.655 0.0	76.9 8.4 72.5 73.0 83
100.5	90.0	92.3	1.0 1.0 0.0	91.5 -15.8 84.6 86.1 100.5	1.0 1.0 0.0	91.6 -15.7 84.7 86.2 100	1.0 0.732 0.0	81.8 0.0 76.3 76.3 90	1.0 0.769 0.0	83.7 -3.0 76.8 76.9 92
101.4	97.5	101.0	0.875 1.0 0.0	92.8 -18.1 89.4 91.2 101.4	0.883 1.0 0.0	92.7 -17.9 89.1 90.9 101	1.0 0.88 0.0	87.8 -9.3 76.2 76.7 97	1.0 0.996 0.0	91.5 -15.5 84.4 85.8 100
103.9	105.0	109.7	0.75 1.0 0.0	90.1 -21.3 86.0 88.6 103.9	0.75 1.0 0.0	90.1 -21.3 86.0 88.7 103	0.738 1.0 0.0	89.2 -22.5 84.4 87.4 105	0.684 1.0 0.0	84.7 -27.5 76.7 81.5 109
115.0	112.5	118.5	0.625 1.0 0.0	79.9 -31.7 67.9 75.0 115.0	0.633 1.0 0.0	80.6 -31.1 69.2 75.9 114	0.659 1.0 0.0	82.7 -29.4 73.0 78.8 112	0.595 1.0 0.0	77.8 -34.4 65.0 73.6 117
127.3	120.0	127.2	0.5 1.0 0.0	70.9 -41.7 54.8 68.9 127.3	0.5 1.0 0.0	71.0 -41.7 54.8 68.9 127	0.574 1.0 0.0	76.3 -36.2 62.8 72.6 120	0.501 1.0 0.0	71.0 -41.6 54.9 68.9 127
134.7	127.5	136.0	0.375 1.0 0.0	66.5 -47.5 48.0 67.6 134.7	0.383 1.0 0.0	66.9 -47.1 48.5 67.7 134	0.503 1.0 0.0	71.2 -41.5 55.2 69.1 127	0.366 1.0 0.0	66.2 -48.2 47.6 67.8 135
144.7	135.0	144.7	0.25 1.0 0.0	60.6 -57.2 40.4 70.1 144.7	0.25 1.0 0.0	60.6 -57.2 40.5 70.1 144	0.372 1.0 0.0	66.4 -47.8 47.9 67.7 135	0.25 1.0 0.0	60.6 -57.1 40.5 70.1 144
151.0	142.5	153.4	0.125 1.0 0.0	57.0 -62.2 34.4 71.1 151.0	0.133 1.0 0.0	57.3 -61.8 34.8 71.0 150	0.284 1.0 0.0	62.3 -54.6 42.7 69.4 142	0.073 1.0 0.0	55.9 -64.4 33.0 72.5 152
155.5	150.0	162.2	0.0 1.0 0.0	54.3 -67.6 30.8 74.3 155.5	0.0 1.0 0.0	54.3 -67.6 30.8 74.4 155	0.146 1.0 0.0	57.6 -61.3 35.5 70.9 150	0.0 1.0	0.147 53.8 -65.9 21.1 69.3 162
160.8	157.5	169.0	0.0 1.0 0.125	53.8 -66.4 23.0 70.2 160.8	0.0 1.0 0.117	53.9 -66.4 23.5 70.6 160	0.0 1.0	0.035 54.2 -67.3 28.6 73.2 157	0.0 1.0	0.251 53.8 -63.0 12.7 64.4 168
168.5	165.0	175.9	0.0 1.0 0.25	53.7 -63.1 12.8 64.4 168.5	0.0 1.0 0.25	53.8 -63.1 12.8 64.4 168	0.0 1.0	0.192 53.8 -64.7 17.4 67.1 165	0.0 1.0	0.331 54.4 -59.3 4.2 59.5 175
179.9	172.5	182.7	0.0 1.0 0.375	54.7 -56.8 0.0 56.8 179.9	0.0 1.0 0.367	54.7 -57.2 0.8 57.3 179	0.0 1.0	0.288 54.1 -61.4 8.6 62.1 172	0.0 1.0	0.405 54.8 -55.6 -2.1 55.7 182
189.8	180.0	189.6	0.0 1.0 0.5	55.0 -51.4 -8.9 52.2 189.8	0.0 1.0 0.5	55.0 -51.4 -8.8 52.2 189	0.0 1.0	0.375 54.8 -56.7 0.0 56.8 180	0.0 1.0	0.497 55.0 -51.5 -8.6 52.3 189
204.4	187.5	196.4	0.0 1.0 0.625	55.3 -44.1 -20.0 48.5 204.4	0.0 1.0 0.617	55.3 -44.6 -19.3 48.8 203	0.0 1.0	0.464 55.0 -53.0 -6.4 53.5 187	0.0 1.0	0.553 55.2 -48.6 -13.9 50.7 195
214.4	195.0	203.2	0.0 1.0 0.75	55.2 -39.5 -27.1 47.9 214.4	0.0 1.0 0.75	55.2 -39.4 -27.0 47.9 214	0.0 1.0	0.544 55.2 -49.1 -13.1 50.9 195	0.0 1.0	0.615 55.3 -44.7 -19.2 48.8 203
221.9	202.5	210.1	0.0 1.0 0.875	54.4 -36.7 -33.0 49.4 221.9	0.0 1.0 0.867	54.5 -36.9 -32.6 49.4 221	0.0 1.0	0.604 55.3 -45.5 -18.3 49.1 202	0.0 1.0	0.69 55.3 -41.8 -23.8 48.2 209
235.1	210.0	216.9	0.0 1.0 1.0	53.1 -30.0 -43.1 52.5 235.1	0.0 1.0 1.0	53.1 -29.9 -43.0 52.5 235	0.0 1.0	0.694 55.3 -41.6 -24.0 48.2 210	0.0 1.0	0.792 55.0 -38.6 -29.0 48.4 216
237.9	217.5	223.8	0.0 0.875 1.0	53.1 -27.9 -44.7 52.7 237.9	0.0 0.883 1.0	53.1 -28.0 -44.5 52.8 237	0.0 1.0	0.792 55.0 -38.6 -29.1 48.5 217	0.0 1.0	0.888 54.3 -36.1 -34.1 49.8 223
241.3	225.0	230.6	0.0 0.75 1.0	52.9 -25.9 -47.5 54.1 241.3	0.0 0.75 1.0	52.9 -25.8 -47.5 54.2 241	0.0 1.0	0.904 54.2 -35.4 -35.4 50.2 225	0.0 1.0	0.957 53.6 -32.5 -39.7 51.5 230
247.2	232.5	237.5	0.0 0.625 1.0	50.5 -20.8 -49.5 53.7 247.2	0.0 0.633 1.0	50.7 -21.1 -49.3 53.8 246	0.0 1.0	0.97 53.5 -31.8 -40.7 51.8 232	0.0 0.916 1.0	53.1 -28.6 -44.1 52.7 237
254.9	240.0	244.3	0.0 0.5 1.0	46.1 -13.3 -49.4 51.1 254.9	0.0 0.5 1.0	46.2 -13.2 -49.3 51.2 254	0.0 0.801 1.0	53.0 -26.7 -46.3 53.6 240	0.0 0.686 1.0	51.7 -23.3 -48.5 54.0 244
262.6	247.5	251.2	0.0 0.375 1.0	41.4 -6.3 -49.2 49.6 262.6	0.0 0.383 1.0	41.7 -6.7 -49.2 49.8 262	0.0 0.63 1.0	50.7 -20.9 -49.4 53.8 247	0.0 0.568 1.0	48.6 -17.2 -49.5 52.6 250
272.6	255.0	258.0	0.0 0.25 1.0	36.8 2.2 -48.5 48.6 272.6	0.0 0.25 1.0	36.9 2.2 -48.5 48.6 272	0.0 0.499 1.0	46.1 -13.1 -49.3 51.2 255	0.0 0.449 1.0	44.2 -10.4 -49.4 50.6 258
281.4	262.5	264.8	0.0 0.125 1.0	35.0 9.4 -46.3 47.3 281.4	0.0 0.133 1.0	35.2 8.9 -46.5 47.4 280	0.0 0.386 1.0	41.8 -6.8 -49.2 49.8 262	0.0 0.353 1.0	40.6 -4.7 -49.2 49.5 264
290.8	270.0	271.7	0.0 0.0 1.0	32.5 16.9 -44.6 47.7 290.8	0.0 0.0 1.0	32.6 16.9 -44.5 47.7 290	0.0 0.283 1.0	38.1 0.0 -48.8 48.9 270	0.0 0.261 1.0	37.3 1.5 -48.6 48.7 271
299.2	277.5	278.8	0.125 0.0 1.0	31.6 23.6 -42.2 48.4 299.2	0.117 0.0 1.0	31.7 23.2 -42.3 48.4 298	0.0 0.188 1.0	36.0 5.8 -47.5 48.0 277	0.0 0.169 1.0	35.7 7.0 -47.2 47.8 278
307.8	285.0	285.9	0.25 0.0 1.0	31.0 30.5 -39.3 49.8 307.8	0.25 0.0 1.0	31.0 30.6 -39.3 49.9 307	0.0 0.078 1.0	34.1 12.3 -45.8 47.5 285	0.0 0.065 1.0	33.9 13.1 -45.6 47.5 285
317.5	292.5	293.0	0.375 0.0 1.0	34.2 38.2 -35.0 51.8 317.5	0.367 0.0 1.0	34.0 37.8 -35.3 51.7 316	0.018 0.0 1.0	32.4 17.9 -44.2 47.8 292	0.026 0.0 1.0	32.4 18.4 -44.1 47.9 292
324.4	300.0	300.1	0.5 0.0 1.0	37.2 43.1 -30.8 53.0 324.4	0.5 0.0 1.0	37.2 43.2 -30.8 53.1 324	0.136 0.0 1.0	31.6 24.3 -41.9 48.5 300	0.139 0.0 1.0	31.5 24.4 -41.9 48.6 300
330.6	307.5	307.2	0.625 0.0 1.0	39.1 48.4 -27.2 55.6 330.6	0.617 0.0 1.0	39.0 48.1 -27.4 55.4 330	0.238 0.0 1.0	31.1 29.9 -39.6 49.7 307	0.235 0.0 1.0	31.1 29.8 -39.7 49.7 306
338.7	315.0	314.3	0.75 0.0 1.0	41.8 55.1 -21.4 59.1 338.7	0.75 0.0 1.0	41.9 55.2 -21.4 59.2 338	0.343 0.0 1.0	33.4 36.3 -36.2 51.4 315	0.335 0.0 1.0	33.2 35.8 -36.5 51.2 314
343.9	322.5	321.4	0.875 0.0 1.0	45.6 60.1 -17.3 62.6 343.9	0.867 0.0 1.0	45.4 59.8 -17.5 62.4 343	0.456 0.0 1.0	36.2 41.5 -32.3 52.7 322	0.439 0.0 1.0	35.8 40.8 -32.9 52.5 321
348.9	330.0	328.6	1.0 0.0 1.0	48.1 65.4 -12.7 66.6 348.9	1.0 0.0 1.0	48.2 65.4 -12.7 66.7 348	0.612 0.0 1.0	38.9 47.9 -27.6 55.4 330	0.584 0.0 1.0	38.5 46.8 -28.4 54.8 328
350.7	337.5	335.7	1.0 0.0 0.875	49.5 66.1 -10.7 67.0 350.7	1.0 0.0 0.883	49.5 66.1 -10.8 67.0 350	0.723 0.0 1.0	41.3 53.8 -22.7 58.4 337	0.696 0.0 1.0	40.7 52.3 -24.0 57.6 335
354.2	345.0	342.8	1.0 0.0 0.75	49.3 64.5 -6.5 64.8 354.2	1.0 0.0 0.75	49.3 64.6 -6.5 64.9 354	0.902 0.0 1.0	46.2 61.3 -16.3 63.5 345	0.848 0.0 1.0	44.9 59.1 -18.2 61.9 342
361.9	352.5	349.9	1.0 0.0 0.625	48.0 61.8 2.1 61.8 361.9	1.0 0.0 0.633	48.1 62.0 1.6 62.0 361	1.0 0.0	0.83 49.5 65.6 -9.1 66.3 352	1.0 0.0	0.964 48.6 65.6 -12.1 66.8 349
370.0	360.0	357.0	1.0 0.0 0.5	47.8 58.9 10.4 59.9 370.0	1.0 0.0 0.5	47.8 59.0 10.4 59.9 370	1.0 0.0	0.657 48.3 62.6 0.0 62.6 360	1.0 0.0	0.828 49.5 65.6 -9.0 66.2 352
378.9	367.5	364.1	1.0 0.0 0.375	47.4 56.8 19.5 60.0 378.9	1.0 0.0 0.383	47.4 57.0 18.9 60.1 378	1.0 0.0	0.547 47.9 60.2 7.4 60.6 367	1.0 0.0	0.659 48.4 62.7 -0.1 62.7 359
386.2	375.0	371.2	1.0 0.0 0.25	47.5 55.9 27.5 62.3 386.2	1.0 0.0 0.25	47.4 55.9 27.6 62.4 386	1.0 0.0	0.43 47.6 58.0 15.5 60.0 375	1.0 0.0	0.519 47.8 59.5 9.2 60.2 368
391.3	382.5	378.3	1.0 0.0 0.125	47.6 56.3 34.2 65.9 391.3	1.0 0.0 0.133	47.7 56.4 33.8 65.7 390	1.0 0.0	0.323 47.5 56.6 22.9 61.0 382	1.0 0.0	0.408 47.5 57.6 17.1 60.0 376
393.4	390.0	385.4	1.0 0.0 0.0	47.5 57.2 37.8 68.6 393.4	1.0 0.0 0.0	47.6 57.2 37.9 68.6 393	1.0 0.0	0.158 47.7 56.3 32.5 65.0 390	1.0 0.0	0.263 47.6 56.1 26.7 62.1 385



vedi file simili: <http://farbe.li.tu-berlin.de/PI89/PI89L0FP.PDF> / .PS
 informazioni tecniche: <http://www.ps.bam.de> o <http://130.149.60.45/~farbmetrik>

iscrizione TUB: 20150701-PI89/PI89L0FP.PDF / .PS
 Applicazione per la misura dell'output della stampante laser, separazione cmy⁶* (CMYK*)
 TUB materiale: code=rh4ta

4-113730-L0 PI890-73 LAB*ta0, YN=0%, XYZnw=3.9, 4.1, 4.1, 84.7, 89.6, 93.9, LAB*nw=23.9, 0.0, 0.0, 95.8, 0.0, 0.0

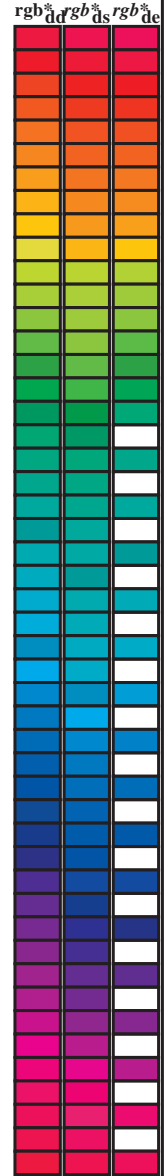
uscita: Laser printer output; separation cmy⁶*, D65, pagina 8/33

grafico TUB-PI89; cerchio delle tinte a 16 passi
 cerchio delle tinte a 48 passi; rgb-LabCh*tavole

Input: rgb/cmyk -> rgb_{de}
 Output: 3D-linearizzazione a cmyk*_{de}

Data of Maximum color M in colorimetric system Laser printer output; separation cmy₆*, 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} = 33.5, 100.6, 155.5, 235.2, 290.8, 348.9; Six hue angles of the elementary colours *RYGCBM*_e: *h*_{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> [*] _{dd64M}	<i>LAB</i> [*] _{ddx64M (x=LabCh)}	<i>rgb</i> [*] _{dex361M}	<i>LAB</i> [*] _{dex361M}
33.4	30.0	25.4	1.0 0.0 0.0	47.5 57.2 37.8 68.6 33.4	33.4	1.0 0.0 0.263 47.6 56.1 26.7 62.1 25
42.1	37.5	33.8	1.0 0.125 0.0	51.9 54.3 49.2 73.2 42.1	42.1	1.0 0.0 0.012 47.6 57.2 37.5 68.4 33
52.8	45.0	42.1	1.0 0.25 0.0	58.2 41.8 55.1 69.2 52.8	52.8	1.0 0.125 0.0 52.0 54.3 49.2 73.3 42
63.7	52.5	50.5	1.0 0.375 0.0	64.6 29.8 60.4 67.3 63.7	63.7	1.0 0.216 0.0 56.6 45.2 53.9 70.3 49
73.8	60.0	58.8	1.0 0.5 0.0	70.5 19.2 66.2 69.0 73.8	73.8	1.0 0.32 0.0 61.8 35.2 58.4 68.2 58
80.7	67.5	67.2	1.0 0.625 0.0	74.9 11.4 70.7 71.6 80.7	80.7	1.0 0.412 0.0 66.4 26.9 62.3 67.9 66
91.5	75.0	75.6	1.0 0.75 0.0	82.9 -2.0 76.9 77.0 91.5	91.5	1.0 0.532 0.0 71.6 17.3 67.5 69.7 75
96.8	82.5	83.9	1.0 0.875 0.0	87.6 -9.0 75.7 76.3 96.8	96.8	1.0 0.655 0.0 76.9 8.4 72.5 73.0 83
100.5	90.0	92.3	1.0 1.0 0.0	91.5 -15.8 84.6 86.1 100.5	100.5	1.0 0.769 0.0 83.7 -3.0 76.8 76.9 92
101.4	97.5	101.0	0.875 1.0 0.0	92.8 -18.1 89.4 91.2 101.4	101.4	1.0 0.996 0.0 91.5 -15.5 84.4 85.8 100
103.9	105.0	109.7	0.75 1.0 0.0	90.1 -21.3 86.0 88.6 103.9	103.9	0.684 1.0 0.0 84.7 -27.5 76.7 81.5 109
115.0	112.5	118.5	0.625 1.0 0.0	79.9 -31.7 67.9 75.0 115.0	115.0	0.595 1.0 0.0 77.8 -34.4 65.0 73.6 117
127.3	120.0	127.2	0.5 1.0 0.0	70.9 -41.7 54.8 68.9 127.3	127.3	0.501 1.0 0.0 71.0 -41.6 54.9 68.9 127
134.7	127.5	136.0	0.375 1.0 0.0	66.5 -47.5 48.0 67.6 134.7	134.7	0.366 1.0 0.0 66.2 -48.2 47.6 67.8 135
144.7	135.0	144.7	0.25 1.0 0.0	60.6 -57.2 40.4 70.1 144.7	144.7	0.25 1.0 0.0 60.6 -57.1 40.5 70.1 144
151.0	142.5	153.4	0.125 1.0 0.0	57.0 -62.2 34.4 71.1 151.0	151.0	0.073 1.0 0.0 55.9 -64.4 33.0 72.5 152
155.5	150.0	162.2	0.0 1.0 0.0	54.3 -67.6 30.8 74.3 155.5	155.5	0.0 1.0 0.147 53.8 -65.9 21.1 69.3 162
160.8	157.5	169.0	0.0 1.0 0.125 53.8	-66.4 23.0 70.2 160.8	160.8	0.0 1.0 0.251 53.8 -63.0 12.7 64.4 168
168.5	165.0	175.9	0.0 1.0 0.25 53.7	-63.1 12.8 64.4 168.5	168.5	0.0 1.0 0.331 54.4 -59.3 4.2 59.5 175
179.9	172.5	182.7	0.0 1.0 0.375 54.7	-56.8 0.0 56.8 179.9	179.9	0.0 1.0 0.405 54.8 -55.6 -2.1 55.7 182
189.8	180.0	189.6	0.0 1.0 0.5 55.0	-51.4 -8.9 52.2 189.8	189.8	0.0 1.0 0.497 55.0 -51.5 -8.6 52.3 189
204.4	187.5	196.4	0.0 1.0 0.625 55.3	-44.1 -20.0 48.5 204.4	204.4	0.0 1.0 0.553 55.2 -48.6 -13.9 50.7 195
214.4	195.0	203.2	0.0 1.0 0.75 55.2	-39.5 -27.1 47.9 214.4	214.4	0.0 1.0 0.615 55.3 -44.7 -19.2 48.8 203
221.9	202.5	210.1	0.0 1.0 0.875 54.4	-36.7 -33.0 49.4 221.9	221.9	0.0 1.0 0.69 55.3 -41.8 -23.8 48.2 209
235.1	210.0	216.9	0.0 1.0 1.0 53.1	-30.0 -43.1 52.5 235.1	235.1	0.0 1.0 0.792 55.0 -38.6 -29.0 48.4 216
237.9	217.5	223.8	0.0 0.875 1.0 53.1	-27.9 -44.7 52.7 237.9	237.9	0.0 1.0 0.888 54.3 -36.1 -34.1 49.8 223
241.3	225.0	230.6	0.0 0.75 1.0 52.9	-25.9 -47.5 54.1 241.3	241.3	0.0 1.0 0.957 53.6 -32.5 -39.7 51.5 230
247.2	232.5	237.5	0.0 0.625 1.0 50.5	-20.8 -49.5 53.7 247.2	247.2	0.0 0.916 1.0 53.1 -28.6 -44.1 52.7 237
254.9	240.0	244.3	0.0 0.5 1.0 46.1	-13.3 -49.4 51.1 254.9	254.9	0.0 0.686 1.0 51.7 -23.3 -48.5 54.0 244
262.6	247.5	251.2	0.0 0.375 1.0 41.4	-6.3 -49.2 49.6 262.6	262.6	0.0 0.568 1.0 48.6 -17.2 -49.5 52.6 250
272.6	255.0	258.0	0.0 0.25 1.0 36.8	2.2 -48.5 48.6 272.6	272.6	0.0 0.449 1.0 44.2 -10.4 -49.4 50.6 258
281.4	262.5	264.8	0.0 0.125 1.0 35.0	9.4 -46.3 47.3 281.4	281.4	0.0 0.353 1.0 40.6 -4.7 -49.2 49.5 264
290.8	270.0	271.7	0.0 0.0 1.0 32.5	16.9 -44.6 47.7 290.8	290.8	0.0 0.261 1.0 37.3 1.5 -48.6 48.7 271
299.2	277.5	278.8	0.125 0.0 1.0 31.6	23.6 -42.2 48.4 299.2	299.2	0.0 0.169 1.0 35.7 7.0 -47.2 47.8 278
307.8	285.0	285.9	0.25 0.0 1.0 31.0	30.5 -39.3 49.8 307.8	307.8	0.0 0.065 1.0 33.9 13.1 -45.6 47.5 285
317.5	292.5	293.0	0.375 0.0 1.0 34.2	38.2 -35.0 51.8 317.5	317.5	0.026 0.0 1.0 32.4 18.4 -44.1 47.9 292
324.4	300.0	300.1	0.5 0.0 1.0 37.2	43.1 -30.8 53.0 324.4	324.4	0.139 0.0 1.0 31.5 24.4 -41.9 48.6 300
330.6	307.5	307.2	0.625 0.0 1.0 39.1	48.4 -27.2 55.6 330.6	330.6	0.235 0.0 1.0 31.1 29.8 -39.7 49.7 306
338.7	315.0	314.3	0.75 0.0 1.0 41.8	55.1 -21.4 59.1 338.7	338.7	0.335 0.0 1.0 33.2 35.8 -36.5 51.2 314
343.9	322.5	321.4	0.875 0.0 1.0 45.6	60.1 -17.3 62.6 343.9	343.9	0.439 0.0 1.0 35.8 40.8 -32.9 52.5 321
348.9	330.0	328.6	1.0 0.0 1.0 48.1	65.4 -12.7 66.6 348.9	348.9	0.584 0.0 1.0 38.5 46.8 -28.4 54.8 328
350.7	337.5	335.7	1.0 0.0 0.875 49.5	66.1 -10.7 67.0 350.7	350.7	0.696 0.0 1.0 40.7 52.3 -24.0 57.6 335
354.2	345.0	342.8	1.0 0.0 0.75 49.3	64.5 -6.5 64.8 354.2	354.2	0.848 0.0 1.0 44.9 59.1 -18.2 61.9 342
361.9	352.5	349.9	1.0 0.0 0.625 48.0	61.8 2.1 61.8 361.9	361.9	1.0 0.0 0.964 48.6 65.6 -12.1 66.8 349
370.0	360.0	357.0	1.0 0.0 0.5 47.8	58.9 10.4 59.9 370.0	370.0	1.0 0.0 0.828 49.5 65.6 -9.0 66.2 352
378.9	367.5	364.1	1.0 0.0 0.375 47.4	56.8 19.5 60.0 378.9	378.9	1.0 0.0 0.659 48.4 62.7 -0.1 62.7 359
386.2	375.0	371.2	1.0 0.0 0.25 47.5	55.9 27.5 62.3 386.2	386.2	1.0 0.0 0.519 47.8 59.5 9.2 60.2 368
391.3	382.5	378.3	1.0 0.0 0.125 47.6	56.3 34.2 65.9 391.3	391.3	1.0 0.0 0.408 47.5 57.6 17.1 60.0 376
393.4	390.0	385.4	1.0 0.0 0.0 47.5	57.2 37.8 68.6 393.4	393.4	1.0 0.0 0.263 47.6 56.1 26.7 62.1 385



vedi file simili: <http://farbe.li.tu-berlin.de/PI89/PI89.HTM>
 informazioni tecniche: <http://www.ps.bam.de> o <http://130.149.60.45/~farbmetrik>

iscrizione TUB: 20150701-PI89/PI89L0FP.PDF /.PS
 Applicazione per la misura dell'output output della stampante laser, separazione cmy₆* (CMYK)
 TUB materiale: code=rh4ta

Data of Maximum color M in colorimetric system Laser printer output; separation cmy⁶*, 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}* = 33.5, 100.6, 155.5, 235.2, 290.8, 348.9; Six hue angles of the elementary colours *RYGCBM*_e: *h_{ab,e}* = 25.5, 92.3, 162.2, 217.0, 271.7, 328.6

<i>h_{ab,d}</i>	<i>h_{ab,s}</i>	<i>h_{ab,e}</i>	<i>rgb⁶*_{dd361M}</i>	<i>LAB⁶*_{ddx361Mi (x=LabCh)}</i>	<i>rgb⁶*_{ds361Mi}</i>	<i>LAB⁶*_{dsx361Mi (x=LabCh)}</i>	<i>rgb⁶*_{dd361Mi}</i>	<i>LAB⁶*_{de361Mi}</i>	<i>rgb⁶*_{dex361Mi (x=LabCh)}</i>	<i>rgb⁶*_{dd361Mi}</i>	<i>rgb⁶*_{ds361Mi}</i>	<i>rgb⁶*_{de361Mi}</i>
33	30	25	1.0 0.0 0.0	47.5 57.2 37.8 68.6 33	<i>R_d</i> 1.0 0.0 0.158 47.7 56.3 32.5 65.0 30	<i>R_s</i> 1.0 0.0 0.0 0.0	1.0 0.0 0.0	1.0 0.0 0.263 47.6 56.1 26.7 62.1 25	<i>R_c</i> 1.0 0.0 0.0 0.0			
34	31	26	1.0 0.016 0.0	48.1 56.9 39.3 69.2 34	1.0 0.0 0.133 47.7 56.4 33.9 65.8 31	1.0 0.017 0.0	1.0 0.0 0.242 47.6 56.0 28.0 62.6 26	1.0 0.017 0.0				
35	32	27	1.0 0.033 0.0	48.7 56.6 40.8 69.8 35	1.0 0.0 0.085 47.7 56.7 35.4 66.8 32	1.0 0.033 0.0	1.0 0.0 0.214 47.6 56.1 29.5 63.4 27	1.0 0.033 0.0				
36	33	28	1.0 0.05 0.0	49.3 56.3 42.3 70.4 36	1.0 0.0 0.028 47.6 57.1 37.0 68.0 33	1.0 0.05 0.0	1.0 0.0 0.187 47.6 56.2 30.9 64.2 28	1.0 0.05 0.0				
38	34	29	1.0 0.066 0.0	49.9 55.9 43.9 71.1 38	1.0 0.007 0.0 47.8 57.1 38.5 68.9 34	1.0 0.067 0.0	1.0 0.0 0.159 47.7 56.3 32.4 65.0 29	1.0 0.067 0.0				
39	35	31	1.0 0.083 0.0	50.5 55.5 45.4 71.7 39	1.0 0.022 0.0 48.4 56.9 39.8 69.4 35	1.0 0.083 0.0	1.0 0.0 0.132 47.7 56.4 33.9 65.8 31	1.0 0.083 0.0				
40	36	32	1.0 0.1 0.0	51.0 55.0 46.9 72.3 40	1.0 0.036 0.0 48.9 56.6 41.1 70.0 36	1.0 0.1 0.0	1.0 0.0 0.076 47.6 56.7 35.7 67.0 32	1.0 0.1 0.0				
41	37	33	1.0 0.116 0.0	51.6 54.5 48.4 72.9 41	1.0 0.05 0.0 49.4 56.3 42.4 70.5 37	1.0 0.117 0.0	1.0 0.0 0.012 47.6 57.2 37.5 68.4 33	1.0 0.117 0.0				
42	38	34	1.0 0.133 0.0	52.3 53.4 49.7 73.0 42	1.0 0.065 0.0 49.9 56.0 43.7 71.0 38	1.0 0.133 0.0	1.0 0.013 0.0 48.0 57.0 39.0 69.1 34	1.0 0.133 0.0				
44	39	35	1.0 0.15 0.0	53.2 51.8 50.6 72.4 44	1.0 0.079 0.0 50.4 55.6 45.0 71.6 39	1.0 0.15 0.0	1.0 0.029 0.0 48.6 56.7 40.5 69.7 35	1.0 0.15 0.0				
45	40	36	1.0 0.166 0.0	54.0 50.2 51.5 71.9 45	1.0 0.094 0.0 50.9 55.2 46.4 72.1 40	1.0 0.167 0.0	1.0 0.045 0.0 49.2 56.4 41.9 70.3 36	1.0 0.167 0.0				
47	41	37	1.0 0.183 0.0	54.9 48.5 52.3 71.4 47	1.0 0.108 0.0 51.4 54.8 47.7 72.7 41	1.0 0.183 0.0	1.0 0.061 0.0 49.7 56.1 43.4 70.9 37	1.0 0.183 0.0				
48	42	38	1.0 0.2 0.0	55.7 46.8 53.1 70.8 48	1.0 0.122 0.0 51.9 54.4 49.0 73.2 42	1.0 0.2 0.0	1.0 0.077 0.0 50.3 55.7 44.8 71.5 38	1.0 0.2 0.0				
50	43	39	1.0 0.216 0.0	56.6 45.2 53.8 70.3 50	1.0 0.134 0.0 52.5 53.4 49.8 73.0 43	1.0 0.217 0.0	1.0 0.093 0.0 50.8 55.3 46.3 72.1 39	1.0 0.217 0.0				
51	44	41	1.0 0.233 0.0	57.4 43.5 54.5 69.7 51	1.0 0.146 0.0 53.0 52.2 50.4 72.6 44	1.0 0.233 0.0	1.0 0.109 0.0 51.4 54.8 47.8 72.7 41	1.0 0.233 0.0				
52	45	42	1.0 0.25 0.0	58.2 41.8 55.1 69.2 52	1.0 0.158 0.0 53.6 51.1 51.1 72.2 45	1.0 0.25 0.0	1.0 0.125 0.0 52.0 54.3 49.2 73.3 42	1.0 0.25 0.0				
54	46	43	1.0 0.266 0.0	59.1 40.2 56.0 69.0 54	1.0 0.17 0.0 54.2 49.9 51.7 71.8 46	1.0 0.267 0.0	1.0 0.138 0.0 52.6 53.0 50.0 72.9 43	1.0 0.267 0.0				
55	47	44	1.0 0.283 0.0	59.9 38.6 56.8 68.7 55	1.0 0.181 0.0 54.8 48.7 52.3 71.5 47	1.0 0.283 0.0	1.0 0.151 0.0 53.3 51.8 50.7 72.4 44	1.0 0.283 0.0				
57	48	45	1.0 0.3 0.0	60.8 37.1 57.5 68.5 57	1.0 0.193 0.0 55.4 47.6 52.8 71.1 48	1.0 0.3 0.0	1.0 0.164 0.0 54.0 50.5 51.4 72.0 45	1.0 0.3 0.0				
58	49	46	1.0 0.316 0.0	61.6 35.5 58.2 68.2 58	1.0 0.205 0.0 56.0 46.4 53.4 70.7 49	1.0 0.317 0.0	1.0 0.177 0.0 54.6 49.2 52.1 71.6 46	1.0 0.317 0.0				
60	50	47	1.0 0.333 0.0	62.5 33.9 58.9 68.0 60	1.0 0.217 0.0 56.6 45.2 53.9 70.3 50	1.0 0.333 0.0	1.0 0.19 0.0 55.3 47.9 52.7 71.2 47	1.0 0.333 0.0				
61	51	48	1.0 0.35 0.0	63.3 32.2 59.5 67.7 61	1.0 0.228 0.0 57.2 44.0 54.4 69.9 51	1.0 0.35 0.0	1.0 0.203 0.0 55.9 46.5 53.3 70.8 48	1.0 0.35 0.0				
63	52	49	1.0 0.366 0.0	64.2 30.6 60.1 67.5 63	1.0 0.24 0.0 57.8 42.8 54.8 69.6 52	1.0 0.367 0.0	1.0 0.216 0.0 56.6 45.2 53.9 70.3 49	1.0 0.367 0.0				
64	53	51	1.0 0.383 0.0	65.0 29.1 60.8 67.4 64	1.0 0.252 0.0 58.4 41.7 55.3 69.2 53	1.0 0.383 0.0	1.0 0.23 0.0 57.3 43.9 54.4 69.9 51	1.0 0.383 0.0				
65	54	52	1.0 0.4 0.0	65.8 27.8 61.7 67.7 65	1.0 0.263 0.0 59.0 40.6 55.9 69.1 54	1.0 0.4 0.0	1.0 0.243 0.0 57.9 42.6 54.9 69.5 52	1.0 0.4 0.0				
67	55	53	1.0 0.416 0.0	66.6 26.4 62.5 67.9 67	1.0 0.275 0.0 59.6 39.5 56.4 68.9 55	1.0 0.417 0.0	1.0 0.256 0.0 58.6 41.3 55.5 69.2 53	1.0 0.417 0.0				
68	56	54	1.0 0.433 0.0	67.3 25.0 63.3 68.1 68	1.0 0.288 0.0 60.1 38.4 57.0 68.7 56	1.0 0.433 0.0	1.0 0.268 0.0 59.2 40.1 56.1 69.0 54	1.0 0.433 0.0				
69	57	55	1.0 0.45 0.0	68.1 23.6 64.1 68.3 69	1.0 0.298 0.0 60.7 37.3 57.5 68.5 57	1.0 0.45 0.0	1.0 0.281 0.0 59.9 38.9 56.7 68.8 55	1.0 0.45 0.0				
71	58	56	1.0 0.466 0.0	68.9 22.1 64.8 68.5 71	1.0 0.309 0.0 61.3 36.2 58.0 68.4 58	1.0 0.467 0.0	1.0 0.294 0.0 60.5 37.7 57.3 68.6 56	1.0 0.467 0.0				
72	59	57	1.0 0.483 0.0	69.7 20.7 65.6 68.8 72	1.0 0.321 0.0 61.9 35.1 58.5 68.2 59	1.0 0.483 0.0	1.0 0.307 0.0 61.2 36.5 57.9 68.4 57	1.0 0.483 0.0				
73	60	58	1.0 0.5 0.0	70.5 19.2 66.2 69.0 73	1.0 0.332 0.0 62.5 34.0 58.9 68.0 60	1.0 0.5 0.0	1.0 0.32 0.0 61.8 35.2 58.4 68.2 58	1.0 0.5 0.0				
74	61	60	1.0 0.516 0.0	71.0 18.2 66.9 69.3 74	1.0 0.344 0.0 63.1 32.9 59.3 67.8 61	1.0 0.517 0.0	1.0 0.332 0.0 62.5 34.0 58.9 68.0 60	1.0 0.517 0.0				
75	62	61	1.0 0.533 0.0	71.6 17.2 67.5 69.7 75	1.0 0.355 0.0 63.6 31.8 59.8 67.7 62	1.0 0.533 0.0	1.0 0.345 0.0 63.1 32.8 59.4 67.8 61	1.0 0.533 0.0				
76	63	62	1.0 0.55 0.0	72.2 16.2 68.1 70.0 76	1.0 0.367 0.0 64.2 30.6 60.1 67.5 63	1.0 0.55 0.0	1.0 0.358 0.0 63.8 31.5 59.9 67.6 62	1.0 0.55 0.0				
77	64	63	1.0 0.566 0.0	72.8 15.1 68.7 70.4 77	1.0 0.378 0.0 64.8 29.6 60.6 67.4 64	1.0 0.567 0.0	1.0 0.371 0.0 64.4 30.3 60.3 67.4 63	1.0 0.567 0.0				
78	65	64	1.0 0.583 0.0	73.4 14.1 69.3 70.7 78	1.0 0.391 0.0 65.4 28.6 61.3 67.6 65	1.0 0.583 0.0	1.0 0.384 0.0 65.1 29.1 60.9 67.5 64	1.0 0.583 0.0				
79	66	65	1.0 0.6 0.0	74.0 13.0 69.9 71.1 79	1.0 0.403 0.0 66.0 27.6 61.9 67.8 66	1.0 0.6 0.0	1.0 0.398 0.0 65.7 28.0 61.6 67.7 65	1.0 0.6 0.0				
80	67	66	1.0 0.616 0.0	74.6 12.0 70.4 71.4 80	1.0 0.416 0.0 66.6 26.5 62.5 67.9 67	1.0 0.617 0.0	1.0 0.412 0.0 66.4 26.9 62.3 67.9 66	1.0 0.617 0.0				
81	68	67	1.0 0.633 0.0	75.4 10.6 71.2 72.0 81	1.0 0.428 0.0 67.1 25.5 63.1 68.1 68	1.0 0.633 0.0	1.0 0.425 0.0 67.0 25.7 63.0 68.0 67	1.0 0.633 0.0				
82	69	68	1.0 0.65 0.0	76.5 8.9 72.1 72.7 82	1.0 0.44 0.0 67.7 24.5 63.7 68.2 69	1.0 0.65 0.0	1.0 0.439 0.0 67.7 24.5 63.7 68.2 68	1.0 0.65 0.0				
84	70	70	1.0 0.666 0.0	77.5 7.2 73.0 73.4 84	1.0 0.453 0.0 68.3 23.4 64.3 68.4 70	1.0 0.667 0.0	1.0 0.453 0.0 68.3 23.4 64.3 68.4 70	1.0 0.667 0.0				
85	71	71	1.0 0.683 0.0	78.6 5.4 73.9 74.1 85	1.0 0.465 0.0 68.9 22.3 64.8 68.6 71	1.0 0.683 0.0	1.0 0.467 0.0 69.0 22.2 64.9 68.6 71	1.0 0.683 0.0				
87	72	72	1.0 0.7 0.0	79.7 3.6 74.7 74.8 87	1.0 0.477 0.0 69.5 21.2 65.4 68.7 72	1.0 0.7 0.0	1.0 0.481 0.0 69.6 20.9 65.5 68.8 72	1.0 0.7 0.0				
88	73	73	1.0 0.716 0.0	80.8 1.7 75.5 75.5 88	1.0 0.49 0.0 70.0 20.1 65.9 68.9 73	1.0 0.717 0.0	1.0 0.494 0.0 70.2 19.7 66.1 68.9 73	1.0 0.717 0.0				
-269	74	74	1.0 0.733 0.0	81.8 -0.1 76.3 76.3 -269	1.0 0.503 0.0 70.6 19.0 66.4 69.1 74	1.0 0.733 0.0	1.0 0.512 0.0 70.9 18.5 66.7 69.3 74	1.0 0.733 0.0				
-268	75	75	1.0 0.75 0.0	82.9 -2.0 76.9 77.0 -268	<i>R_d</i> 1.0 0.521 0.0 71.3 18.0 67.1 69.5 75	1.0 0.75 0.0	1.0 0.532 0.0 71.6 17.3 67.5 69.7 75	1.0 0.75 0.0				

4-113930-L0 PI890-73 LAB*la0, YN=0%, XYZnw=3.9, 4.1, 4.1, 84.7, 89.6, 93.9, LAB*nw=23.9, 0.0, 0.0, 95.8, 0.0, 0.0

uscita: Laser printer output; separation cmy⁶*, D65, pagina 10/33

grafico TUB-PI89; cerchio delle tinte a 16 passi
 cerchio delle tinte a 48 passi; *rgb-LabCh**tavole

Input: *rgb/cmyk* -> *rgb_{de}*
 Output: 3D-linearizzazione a *cmyk_{de}**

vedi file simili: <http://farbe.li.tu-berlin.de/PI89/PI89.HTM>
 informazioni tecniche: <http://www.ps.bam.de> o <http://130.149.60.45/~farbmetrik>

iscrizione TUB: 20150701-PI89/PI89L0FP.PDF /.PS
 Applicazione per la misura dell'output output della stampante laser, separazione cmy⁶* (CMYK)

TUB materiale: code=rh4ta

Data of Maximum color M in colorimetric system Laser printer output; separation cmy⁶*, 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} = 33.5, 100.6, 155.5, 235.2, 290.8, 348.9; 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 ⁶ * dd361M	LAB* dxx361Mi (x=LabCh)	rgb ⁶ * ds361Mi	LAB* dsx361Mi (x=LabCh)	rgb ⁶ * dd361Mi	rgb ⁶ * de361Mi	LAB* dex361Mi (x=LabCh)	rgb ⁶ * dd361Mi	rgb ⁶ * ds361Mi	rgb ⁶ * de361Mi	
-268	75	75	1.0 0.75 0.0	82.9 -2.0 76.9 77.0	-268 R _d	1.0 0.521 0.0	71.3 18.0 67.1 69.5 75	1.0 0.75 0.0	1.0 0.532 0.0	71.6 17.3 67.5 69.7 75	1.0 0.75 0.0		
92	76	76	1.0 0.766 0.0	83.5 -2.9 76.8 76.9 92		1.0 0.539 0.0	71.9 16.9 67.8 69.8 76	1.0 0.767 0.0	1.0 0.552 0.0	72.3 16.1 68.2 70.1 76	1.0 0.767 0.0		
92	77	77	1.0 0.783 0.0	84.2 -3.9 76.7 76.8 92		1.0 0.557 0.0	72.5 15.8 68.4 70.2 77	1.0 0.783 0.0	1.0 0.572 0.0	73.0 14.9 69.0 70.5 77	1.0 0.783 0.0		
93	78	78	1.0 0.8 0.0	84.8 -4.8 76.5 76.7 93		1.0 0.575 0.0	73.1 14.7 69.1 70.6 78	1.0 0.8 0.0	1.0 0.592 0.0	73.7 13.6 69.7 71.0 78	1.0 0.8 0.0		
94	79	80	1.0 0.816 0.0	85.4 -5.8 76.4 76.6 94		1.0 0.593 0.0	73.8 13.5 69.7 71.0 79	1.0 0.817 0.0	1.0 0.612 0.0	74.4 12.3 70.3 71.4 80	1.0 0.817 0.0		
95	80	81	1.0 0.833 0.0	86.0 -6.7 76.2 76.5 95		1.0 0.611 0.0	74.4 12.4 70.3 71.4 80	1.0 0.833 0.0	1.0 0.629 0.0	75.2 11.0 71.0 71.9 81	1.0 0.833 0.0		
95	81	82	1.0 0.85 0.0	86.6 -7.6 76.0 76.4 95		1.0 0.627 0.0	75.1 11.2 70.9 71.8 81	1.0 0.85 0.0	1.0 0.642 0.0	76.0 9.7 71.8 72.4 82	1.0 0.85 0.0		
96	82	83	1.0 0.866 0.0	87.3 -8.6 75.8 76.3 96		1.0 0.639 0.0	75.8 10.1 71.6 72.3 82	1.0 0.867 0.0	1.0 0.655 0.0	76.9 8.4 72.5 73.0 83	1.0 0.867 0.0		
97	83	84	1.0 0.883 0.0	87.8 -9.4 76.3 76.9 97		1.0 0.651 0.0	76.6 8.9 72.2 72.8 83	1.0 0.883 0.0	1.0 0.668 0.0	77.7 7.0 73.2 73.5 84	1.0 0.883 0.0		
97	84	85	1.0 0.9 0.0	88.4 -10.3 77.6 78.2 97		1.0 0.662 0.0	77.3 7.7 72.9 73.3 84	1.0 0.9 0.0	1.0 0.681 0.0	78.5 5.6 73.9 74.1 85	1.0 0.9 0.0		
98	85	86	1.0 0.916 0.0	88.9 -11.2 78.8 79.6 98		1.0 0.674 0.0	78.1 6.4 73.5 73.8 85	1.0 0.917 0.0	1.0 0.694 0.0	79.4 4.2 74.5 74.6 86	1.0 0.917 0.0		
98	86	87	1.0 0.933 0.0	89.4 -12.0 80.0 80.9 98		1.0 0.686 0.0	78.8 5.2 74.1 74.3 86	1.0 0.933 0.0	1.0 0.707 0.0	80.2 2.8 75.1 75.2 87	1.0 0.933 0.0		
99	87	88	1.0 0.95 0.0	89.9 -12.9 81.1 82.2 99		1.0 0.697 0.0	79.6 3.9 74.7 74.8 87	1.0 0.95 0.0	1.0 0.72 0.0	81.1 1.4 75.7 75.7 88	1.0 0.95 0.0		
99	88	90	1.0 0.966 0.0	90.5 -13.9 82.3 83.5 99		1.0 0.709 0.0	80.3 2.6 75.2 75.3 88	1.0 0.967 0.0	1.0 0.733 0.0	81.9 0.0 76.3 76.3 90	1.0 0.967 0.0		
100	89	91	1.0 0.983 0.0	91.0 -14.8 83.5 84.8 100		1.0 0.721 0.0	81.1 1.3 75.8 75.8 89	1.0 0.983 0.0	1.0 0.746 0.0	82.7 -1.5 76.8 76.9 91	1.0 0.983 0.0		
100	90	92	1.0 1.0 0.0	91.5 -15.8 84.6 86.1 100	Y _d	1.0 0.732 0.0	81.8 0.0 76.3 76.3 90	Y _s	1.0 1.0 0.0	1.0 0.769 0.0	83.7 -3.0 76.8 76.9 92	Y _e	1.0 1.0 0.0
100	91	93	0.983 1.0 0.0	91.7 -16.1 85.3 86.8 100		1.0 0.744 0.0	82.6 -1.2 76.7 76.8 91	0.983 1.0 0.0	1.0 0.796 0.0	84.7 -4.6 76.6 76.8 93	0.983 1.0 0.0		
100	92	94	0.966 1.0 0.0	91.9 -16.4 85.9 87.5 100		1.0 0.761 0.0	83.4 -2.6 76.9 77.0 92	0.967 1.0 0.0	1.0 0.823 0.0	85.7 -6.1 76.4 76.6 94	0.967 1.0 0.0		
100	93	95	0.95 1.0 0.0	92.0 -16.7 86.5 88.2 100		1.0 0.785 0.0	84.3 -3.9 76.7 76.8 93	0.95 1.0 0.0	1.0 0.851 0.0	86.7 -7.6 76.1 76.5 95	0.95 1.0 0.0		
101	94	96	0.933 1.0 0.0	92.2 -17.0 87.2 88.8 101		1.0 0.808 0.0	85.1 -5.2 76.5 76.7 94	0.933 1.0 0.0	1.0 0.879 0.0	87.8 -9.2 76.1 76.7 96	0.933 1.0 0.0		
101	95	98	0.916 1.0 0.0	92.4 -17.3 87.8 89.5 101		1.0 0.832 0.0	86.0 -6.6 76.3 76.6 95	0.917 1.0 0.0	1.0 0.918 0.0	89.0 -11.2 78.9 79.7 98	0.917 1.0 0.0		
101	96	99	0.9 1.0 0.0	92.5 -17.6 88.4 90.2 101		1.0 0.855 0.0	86.9 -7.9 76.0 76.4 96	0.9 1.0 0.0	1.0 0.957 0.0	90.2 -13.3 81.7 82.8 99	0.9 1.0 0.0		
101	97	100	0.883 1.0 0.0	92.7 -18.0 89.1 90.9 101		1.0 0.88 0.0	87.8 -9.3 76.2 76.7 97	0.883 1.0 0.0	1.0 0.996 0.0	91.5 -15.5 84.4 85.8 100	0.883 1.0 0.0		
101	98	101	0.866 1.0 0.0	92.6 -18.3 89.2 91.0 101		1.0 0.914 0.0	88.8 -10.9 78.6 79.4 98	0.867 1.0 0.0	0.867 1.0 0.0	92.6 -18.3 89.2 91.1 101	0.867 1.0 0.0		
101	99	102	0.85 1.0 0.0	92.2 -18.8 88.7 90.7 101		1.0 0.947 0.0	89.9 -12.7 81.0 82.0 99	0.85 1.0 0.0	0.808 1.0 0.0	91.4 -19.8 87.6 89.9 102	0.85 1.0 0.0		
102	100	103	0.833 1.0 0.0	91.9 -19.2 88.3 90.3 102		1.0 0.98 0.0	91.0 -14.6 83.3 84.6 100	0.833 1.0 0.0	0.75 1.0 0.0	90.1 -21.3 86.0 88.6 103	0.833 1.0 0.0		
102	101	105	0.816 1.0 0.0	91.5 -19.6 87.8 90.0 102		0.943 1.0 0.0	92.2 -16.8 86.9 88.5 101	0.817 1.0 0.0	0.737 1.0 0.0	89.0 -22.7 84.2 87.2 105	0.817 1.0 0.0		
102	102	106	0.8 1.0 0.0	91.1 -20.1 87.4 89.7 102		0.849 1.0 0.0	92.2 -18.8 88.7 90.7 102	0.8 1.0 0.0	0.724 1.0 0.0	88.0 -24.0 82.3 85.8 106	0.8 1.0 0.0		
103	103	107	0.783 1.0 0.0	90.8 -20.5 86.9 89.3 103		0.798 1.0 0.0	91.2 -20.1 87.4 89.7 103	0.783 1.0 0.0	0.71 1.0 0.0	86.9 -25.2 80.5 84.3 107	0.783 1.0 0.0		
103	104	108	0.766 1.0 0.0	90.4 -20.9 86.5 89.0 103		0.749 1.0 0.0	90.1 -21.3 86.0 88.6 104	0.767 1.0 0.0	0.697 1.0 0.0	85.8 -26.4 78.6 82.9 108	0.767 1.0 0.0		
103	105	109	0.75 1.0 0.0	90.1 -21.3 86.0 88.6 103		0.738 1.0 0.0	89.2 -22.5 84.4 87.4 105	0.75 1.0 0.0	0.684 1.0 0.0	84.7 -27.5 76.7 81.5 109	0.75 1.0 0.0		
105	106	110	0.733 1.0 0.0	88.7 -23.1 83.7 86.8 105		0.727 1.0 0.0	88.2 -23.6 82.8 86.1 106	0.733 1.0 0.0	0.671 1.0 0.0	83.7 -28.5 74.8 80.0 110	0.733 1.0 0.0		
106	107	112	0.716 1.0 0.0	87.3 -24.7 81.3 85.0 106		0.716 1.0 0.0	87.3 -24.7 81.2 84.9 107	0.717 1.0 0.0	0.658 1.0 0.0	82.6 -29.5 72.8 78.6 112	0.717 1.0 0.0		
108	108	113	0.7 1.0 0.0	86.0 -26.2 78.9 83.2 108		0.704 1.0 0.0	86.4 -25.8 79.6 83.7 108	0.7 1.0 0.0	0.645 1.0 0.0	81.5 -30.4 70.9 77.2 113	0.7 1.0 0.0		
109	109	114	0.683 1.0 0.0	84.6 -27.6 76.5 81.3 109		0.693 1.0 0.0	85.5 -26.7 78.0 82.5 109	0.683 1.0 0.0	0.632 1.0 0.0	80.4 -31.3 69.0 75.7 114	0.683 1.0 0.0		
111	110	115	0.666 1.0 0.0	83.3 -28.9 74.1 79.5 111		0.682 1.0 0.0	84.5 -27.7 76.3 81.2 110	0.667 1.0 0.0	0.619 1.0 0.0	79.5 -32.2 67.4 74.7 115	0.667 1.0 0.0		
112	111	116	0.65 1.0 0.0	81.9 -30.1 71.6 77.7 112		0.67 1.0 0.0	83.6 -28.6 74.7 80.0 111	0.65 1.0 0.0	0.607 1.0 0.0	78.6 -33.3 66.2 74.2 116	0.65 1.0 0.0		
114	112	117	0.633 1.0 0.0	80.5 -31.2 69.2 75.9 114		0.659 1.0 0.0	82.7 -29.4 73.0 78.8 112	0.633 1.0 0.0	0.595 1.0 0.0	77.8 -34.4 65.0 73.6 117	0.633 1.0 0.0		
115	113	119	0.616 1.0 0.0	79.3 -32.5 67.1 74.6 115		0.648 1.0 0.0	81.8 -30.2 71.4 77.5 113	0.617 1.0 0.0	0.584 1.0 0.0	77.0 -35.4 63.8 73.0 119	0.617 1.0 0.0		
117	114	120	0.6 1.0 0.0	78.1 -34.0 65.4 73.8 117		0.637 1.0 0.0	80.9 -30.9 69.7 76.3 114	0.6 1.0 0.0	0.572 1.0 0.0	76.1 -36.4 62.5 72.4 120	0.6 1.0 0.0		
119	115	121	0.583 1.0 0.0	76.9 -35.5 63.7 72.9 119		0.625 1.0 0.0	79.9 -31.6 68.0 75.1 115	0.583 1.0 0.0	0.56 1.0 0.0	75.3 -37.4 61.3 71.8 121	0.583 1.0 0.0		
120	116	122	0.566 1.0 0.0	75.7 -36.9 62.0 72.1 120		0.615 1.0 0.0	79.2 -32.6 67.0 74.5 116	0.567 1.0 0.0	0.548 1.0 0.0	74.4 -38.3 60.0 71.3 122	0.567 1.0 0.0		
122	117	123	0.55 1.0 0.0	74.5 -38.2 60.2 71.3 122		0.605 1.0 0.0	78.5 -33.5 66.0 74.1 117	0.55 1.0 0.0	0.536 1.0 0.0	73.6 -39.2 58.8 70.7 123	0.55 1.0 0.0		
124	118	124	0.533 1.0 0.0	73.3 -39.4 58.4 70.5 124		0.595 1.0 0.0	77.8 -34.4 64.9 73.6 118	0.533 1.0 0.0	0.524 1.0 0.0	72.7 -40.0 57.5 70.1 124	0.533 1.0 0.0		
125	119	126	0.516 1.0 0.0	72.1 -40.6 56.6 69.7 125		0.585 1.0 0.0	77.0 -35.3 63.9 73.1 119	0.517 1.0 0.0	0.512 1.0 0.0	71.9 -40.9 56.2 69.5 126	0.517 1.0 0.0		
127	120	127	0.5 1.0 0.0	70.9 -41.7 54.8 68.9 127		0.574 1.0 0.0	76.3 -36.2 62.8 72.6 120	0.5 1.0 0.0	0.501 1.0 0.0	71.0 -41.6 54.9 68.9 127	0.5 1.0 0.0		

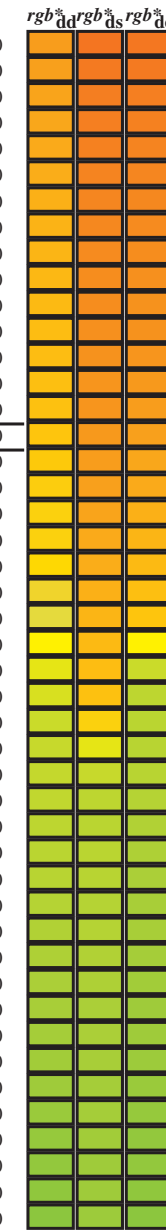


grafico TUB-PI89; cerchio delle tinte a 16 passi
 cerchio delle tinte a 48 passi; rgb-LabCh*tavole

Input: rgb/cmyk -> rgb_{de}
 Output: 3D-linearizzazione a cmyk*_{de}

vedevi file simili: http://farbe.li.tu-berlin.de/PI89/PI89.HTM
 informazioni tecniche: http://www.ps.bam.de o http://130.149.60.45/~farbmetrik

iscrizione TUB: 20150701-PI89/PI89L0FP.PDF /.PS
 Applicazione per la misura dell'output output della stampante laser, separazione cmy⁶* (CMYK)

TUB materiale: code=rh4ta

Data of Maximum color M in colorimetric system Laser printer output; separation cmy⁶*, D65 for input or output; Six hue angles of the 60 degree standard colours RY⁶CBM_s: h_{ab,ds} = 30.0, 90.0, 150.0, 210.0, 270.0, 330.0;

Six hue angles of the device colours RY⁶CBM_d: h_{ab,d} = 33.5, 100.6, 155.5, 235.2, 290.8, 348.9; Six hue angles of the elementary colours RY⁶CBM_e: h_{ab,e} = 25.5, 92.3, 162.2, 217.0, 271.7, 328.6

h _{ab,d}	h _{ab,s}	h _{ab,e}	rgb [*] dd361M	LAB [*] ddx361Mi (x=LabCh)	rgb [*] ds361Mi	LAB [*] dsx361Mi (x=LabCh)	rgb [*] dd361Mi	LAB [*] de361Mi	LAB [*] dex361Mi (x=LabCh)	rgb [*] dd361Mi	rgb [*] dd361Mi	rgb [*] ds361Mi	rgb [*] de361Mi														
127	120	127	0.5	1.0	0.0	70.9	-41.7	54.8	68.9	127	0.5	1.0	0.0														
128	121	128	0.483	1.0	0.0	70.4	-42.6	53.9	68.7	128	0.483	1.0	0.0														
129	122	129	0.466	1.0	0.0	69.8	-43.4	53.0	68.5	129	0.466	1.0	0.0														
130	123	130	0.45	1.0	0.0	69.2	-44.2	52.1	68.3	130	0.45	1.0	0.0														
131	124	131	0.433	1.0	0.0	68.6	-45.0	51.2	68.2	131	0.433	1.0	0.0														
132	125	133	0.416	1.0	0.0	68.0	-45.7	50.3	68.0	132	0.416	1.0	0.0														
133	126	134	0.4	1.0	0.0	67.4	-46.5	49.4	67.8	133	0.4	1.0	0.0														
134	127	135	0.383	1.0	0.0	66.8	-47.2	48.5	67.7	134	0.383	1.0	0.0														
135	128	136	0.366	1.0	0.0	66.1	-48.2	47.5	67.7	135	0.366	1.0	0.0														
136	129	137	0.35	1.0	0.0	65.4	-49.5	46.6	68.1	136	0.35	1.0	0.0														
138	130	138	0.333	1.0	0.0	64.6	-50.9	45.7	68.4	138	0.333	1.0	0.0														
139	131	140	0.316	1.0	0.0	63.8	-52.2	44.7	68.7	139	0.316	1.0	0.0														
140	132	141	0.3	1.0	0.0	63.0	-53.5	43.7	69.1	140	0.3	1.0	0.0														
142	133	142	0.283	1.0	0.0	62.2	-54.7	42.6	69.4	142	0.283	1.0	0.0														
143	134	143	0.266	1.0	0.0	61.4	-56.0	41.5	69.7	143	0.266	1.0	0.0														
144	135	144	0.25	1.0	0.0	60.6	-57.2	40.4	70.1	144	0.25	1.0	0.0														
145	136	145	0.233	1.0	0.0	60.1	-57.9	39.6	70.2	145	0.233	1.0	0.0														
146	137	147	0.216	1.0	0.0	59.6	-58.6	38.9	70.3	146	0.216	1.0	0.0														
147	138	148	0.2	1.0	0.0	59.1	-59.3	38.1	70.5	147	0.2	1.0	0.0														
148	139	149	0.183	1.0	0.0	58.7	-59.9	37.3	70.6	148	0.183	1.0	0.0														
148	140	150	0.166	1.0	0.0	58.2	-60.6	36.4	70.7	148	0.166	1.0	0.0														
149	141	151	0.15	1.0	0.0	57.7	-61.2	35.6	70.9	149	0.15	1.0	0.0														
150	142	152	0.133	1.0	0.0	57.2	-61.9	34.8	71.0	150	0.133	1.0	0.0														
151	143	154	0.116	1.0	0.0	56.8	-62.5	34.1	71.3	151	0.116	1.0	0.0														
151	144	155	0.1	1.0	0.0	56.4	-63.3	33.7	71.7	151	0.1	1.0	0.0														
152	145	156	0.083	1.0	0.0	56.1	-64.0	33.2	72.1	152	0.083	1.0	0.0														
153	146	157	0.066	1.0	0.0	55.7	-64.7	32.8	72.6	153	0.066	1.0	0.0														
153	147	158	0.049	1.0	0.0	55.4	-65.5	32.3	73.0	153	0.049	1.0	0.0														
154	148	159	0.033	1.0	0.0	55.0	-66.2	31.8	73.5	154	0.033	1.0	0.0														
154	149	161	0.016	1.0	0.0	54.7	-66.9	31.3	73.9	154	0.016	1.0	0.0														
155	150	162	0.0	1.0	0.0	54.3	-67.6	30.8	74.3	155	0.0	1.0	0.0														
156	151	163	0.0	1.0	0.016	54.2	-67.5	29.7	73.8	156	0.0	1.0	0.017														
156	152	164	0.0	1.0	0.033	54.2	-67.4	28.6	73.2	156	0.0	1.0	0.033														
157	153	164	0.0	1.0	0.05	54.1	-67.2	27.6	72.7	157	0.0	1.0	0.05														
158	154	165	0.0	1.0	0.066	54.0	-67.1	26.6	72.1	158	0.0	1.0	0.067														
159	155	166	0.0	1.0	0.083	53.9	-66.9	25.5	71.6	159	0.0	1.0	0.083														
159	156	167	0.0	1.0	0.1	53.9	-66.7	24.5	71.1	159	0.0	1.0	0.1														
160	157	168	0.0	1.0	0.116	53.8	-66.5	23.5	70.5	160	0.0	1.0	0.117														
161	158	169	0.0	1.0	0.133	53.8	-66.2	22.3	69.9	161	0.0	1.0	0.133														
162	159	170	0.0	1.0	0.15	53.8	-65.8	20.8	69.1	162	0.0	1.0	0.15														
163	160	171	0.0	1.0	0.166	53.8	-65.5	19.4	68.3	163	0.0	1.0	0.167														
164	161	172	0.0	1.0	0.183	53.8	-65.0	18.1	67.5	164	0.0	1.0	0.183														
165	162	173	0.0	1.0	0.2	53.8	-64.6	16.7	66.7	165	0.0	1.0	0.2														
166	163	174	0.0	1.0	0.216	53.7	-64.1	15.4	66.0	166	0.0	1.0	0.217														
167	164	175	0.0	1.0	0.233	53.7	-63.6	14.1	65.2	167	0.0	1.0	0.233														
168	165	175	0.0	1.0	0.25	53.7	-63.1	12.8	64.4	168	0.0	1.0	0.25														
					G _d	0.146	1.0	0.0	57.6	-61.3	35.5	70.9	150G _s	0.0	1.0	0.0	0.0	1.0	0.147	53.8	-65.9	21.1	69.3	162G _e	0.0	1.0	0.0
					G _d	0.126	1.0	0.0	57.0	-62.1	34.5	71.1	151	0.0	1.0	0.017	0.0	1.0	0.162	53.8	-65.5	19.9	68.6	163	0.0	1.0	0.017
					G _d	0.099	1.0	0.0	56.4	-63.3	33.7	71.8	152	0.0	1.0	0.033	0.0	1.0	0.177	53.8	-65.2	18.7	67.9	164	0.0	1.0	0.033
					G _d	0.071	1.0	0.0	55.9	-64.5	32.9	72.5	153	0.0	1.0	0.05	0.0	1.0	0.192	53.8	-64.8	17.4	67.2	164	0.0	1.0	0.05
					G _d	0.042	1.0	0.0	55.3	-65.7	32.1	73.3	154	0.0	1.0	0.067	0.0	1.0	0.207	53.8	-64.4	16.2	66.5	165	0.0	1.0	0.067
					G _d	0.014	1.0	0.0	54.7	-67.0	31.3	74.0	155	0.0	1.0	0.083	0.0	1.0	0.222	53.8	-63.9	15.0	65.8	166	0.0	1.0	0.083
					G _d	0.0	1.0	0.011	54.3	-67.5	30.1	74.0	156	0.0	1.0	0.1	0.0	1.0	0.237	53.8	-63.5	13.9	65.1	167	0.0	1.0	0.1
					G _d	0.0	1.0	0.035	54.2	-67.3	28.6	73.2	157	0.0	1.0	0.117	0.0	1.0	0.251	53.8	-63.0	12.7	64.4	168	0.0	1.0	0.117
					G _d	0.0	1.0	0.058	54.1	-67.1	27.2	72.5	158	0.0	1.0	0.133	0.0	1.0	0.261	53.9	-62.6	11.6	63.8	169	0.0	1.0	0.133
					G _d	0.0	1.0	0.081	54.0	-66.9	25.7	71.7	159	0.0	1.0	0.15	0.0	1.0	0.271	54.0	-62.2	10.5	63.2	170	0.0	1.0	0.15
					G _d	0.0	1.0	0.104	53.9	-66.6	24.3	71.0	160	0.0	1.0	0.167	0.0	1.0	0.281	54.0	-61.7	9.4	62.6	171	0.0	1.0	0.167
					G _d	0.0	1.0	0.127	53.8	-66.3	22.9	70.2	161	0.0	1.0	0.183	0.0	1.0	0.291	54.1	-61.3	8.3	61.9	172	0.0	1.0	0.183
					G _d	0.0	1.0	0.143	53.8	-65.9	21.5	69.4	162	0.0	1.0	0.2	0.0	1.0	0.301	54.2	-60.8	7.3	61.3	173	0.0	1.0	0.2
					G _d	0.0	1.0	0.16	53.8	-65.6	20.1	68.7	163	0.0	1.0	0.217	0.0	1.0	0.311	54.3	-60.3	6.3	60.7	174	0.0	1.0	0.217
					G _d	0.0	1.0	0.176	53.8	-65.2	18.7	67.9	164	0.0	1.0	0.233	0.0	1.0	0.321	54.3	-59.8	5.2	60.1	175	0.0	1.0	0.233
					G _d	0.0	1.0	0.192	53.8	-64.7	17.4	67.1	165	0.0	1.0	0.25	0.0	1.0	0.331	54.4	-59.3	4.2	59.5	175	0.0	1.0	0.25

4-1131130-L0 PI890-73

LAB*la0, YN=0%, XYZnw=3.9, 4.1, 4.1, 84.7, 89.6, 93.9, LAB*nw=23.9, 0.0, 0.0, 95.8, 0.0, 0.0

uscita: Laser printer output; separation cmy⁶*, D65, pagina 12/33

grafico TUB-PI89; cerchio delle tinte a 16 passi
 cerchio delle tinte a 48 passi; rgb-LabCh*tavole

Input: rgb/cmyk -> rgb_{de}
 Output: 3D-linearizzazione a cmyk*_{de}

4-1131130-F0

vedidi file simili: http://farbe.li.tu-berlin.de/PI89/PI89.HTM
 informazioni tecniche: http://www.ps.bam.de o http://130.149.60.45/~farbmetrik

iscrizione TUB: 20150701-PI89/PI89L0FP.PDF /.PS
 Applicazione per la misura dell'output output della stampante laser, separazione cmy⁶* (CMYK)
 TUB materiale: code=rh4ta

Data of Maximum color M in colorimetric system Laser printer output; separation cmy⁶*, 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} = 33.5, 100.6, 155.5, 290.8, 348.9; Six hue angles of the elementary colours *RYGCBM*_e: *h*_{ab,e} = 25.5, 92.3, 162.2, 217.0, 271.7, 328.6

<i>h</i> _{ab,d}	<i>h</i> _{ab,s}	<i>h</i> _{ab,e}	<i>rgb</i> [*] _{dd361M}	<i>LAB</i> [*] _{ddx361Mi (x=LabCh)}	<i>rgb</i> [*] _{ds361Mi}	<i>LAB</i> [*] _{dsx361Mi (x=LabCh)}	<i>rgb</i> [*] _{de361Mi}	<i>LAB</i> [*] _{dex361Mi (x=LabCh)}	<i>rgb</i> [*] _{dd361Mi}	<i>LAB</i> [*] _{dd361Mi}	<i>rgb</i> [*] _{de361Mi}	<i>LAB</i> [*] _{dex361Mi}	<i>rgb</i> [*] _{dd361Mi}	<i>rgb</i> [*] _{ds}	<i>rgb</i> [*] _{de}																										
235	210	216	0.0	1.0	1.0	53.1	-30.0	-43.1	52.5	235	0.0	1.0	0.694	55.3	-41.6	-24.0	48.2	210	C _s	0.0	1.0	1.0	0.0	1.0	0.792	55.0	-38.6	-29.0	48.4	216	C _e	0.0	1.0	1.0	0.0	1.0	0.983	1.0	0.0	0.983	1.0
235	211	217	0.0	0.983	1.0	53.1	-29.7	-43.3	52.5	235	0.0	1.0	0.707	55.3	-41.2	-24.7	48.1	211	0.0	0.983	1.0	0.0	1.0	0.807	54.9	-38.3	-29.8	48.6	217	0.0	0.983	1.0	0.0	1.0	0.967	1.0	0.0	0.967	1.0		
235	212	218	0.0	0.966	1.0	53.1	-29.4	-43.5	52.5	235	0.0	1.0	0.719	55.3	-40.7	-25.4	48.1	212	0.0	0.967	1.0	0.0	1.0	0.822	54.8	-37.9	-30.5	48.8	218	0.0	0.967	1.0	0.0	1.0	0.951	1.0	0.0	0.951	1.0		
236	213	219	0.0	0.951	1.0	53.1	-29.2	-43.7	52.6	236	0.0	1.0	0.732	55.3	-40.2	-26.1	48.0	213	0.0	0.951	1.0	0.0	1.0	0.837	54.7	-37.6	-31.2	49.0	219	0.0	0.951	1.0	0.0	1.0	0.933	1.0	0.0	0.933	1.0		
236	214	220	0.0	0.933	1.0	53.1	-28.9	-43.9	52.6	236	0.0	1.0	0.744	55.2	-39.7	-26.7	48.0	214	0.0	0.933	1.0	0.0	1.0	0.853	54.6	-37.2	-31.9	49.2	220	0.0	0.933	1.0	0.0	1.0	0.917	1.0	0.0	0.917	1.0		
237	215	221	0.0	0.916	1.0	53.1	-28.6	-44.2	52.6	237	0.0	1.0	0.759	55.2	-39.3	-27.5	48.1	215	0.0	0.917	1.0	0.0	1.0	0.868	54.5	-36.9	-32.6	49.4	221	0.0	0.917	1.0	0.0	1.0	0.883	1.0	0.0	0.883	1.0		
237	216	222	0.0	0.9	1.0	53.1	-28.3	-44.4	52.7	237	0.0	1.0	0.775	55.1	-38.9	-28.3	48.3	216	0.0	0.9	1.0	0.0	1.0	0.888	54.3	-36.1	-34.1	49.8	223	0.0	0.883	1.0	0.0	1.0	0.867	1.0	0.0	0.867	1.0		
237	217	223	0.0	0.883	1.0	53.1	-28.1	-44.6	52.7	237	0.0	1.0	0.792	55.0	-38.6	-29.1	48.5	217	0.0	0.883	1.0	0.0	1.0	0.897	54.2	-35.7	-34.8	50.0	224	0.0	0.867	1.0	0.0	1.0	0.851	1.0	0.0	0.851	1.0		
238	218	224	0.0	0.866	1.0	53.0	-27.8	-44.9	52.8	238	0.0	1.0	0.809	54.9	-38.2	-29.9	48.7	218	0.0	0.867	1.0	0.0	1.0	0.906	54.1	-35.3	-35.5	50.2	225	0.0	0.851	1.0	0.0	1.0	0.833	1.0	0.0	0.833	1.0		
238	219	225	0.0	0.851	1.0	53.0	-27.5	-45.3	53.0	238	0.0	1.0	0.825	54.8	-37.9	-30.6	48.9	219	0.0	0.851	1.0	0.0	1.0	0.914	54.1	-34.9	-36.2	50.4	226	0.0	0.833	1.0	0.0	1.0	0.817	1.0	0.0	0.817	1.0		
239	220	226	0.0	0.833	1.0	53.0	-27.3	-45.6	53.2	239	0.0	1.0	0.842	54.7	-37.5	-31.4	49.1	220	0.0	0.833	1.0	0.0	1.0	0.923	54.0	-34.4	-36.9	50.6	227	0.0	0.817	1.0	0.0	1.0	0.767	1.0	0.0	0.767	1.0		
239	221	227	0.0	0.816	1.0	53.0	-27.0	-46.0	53.4	239	0.0	1.0	0.859	54.6	-37.1	-32.2	49.3	221	0.0	0.817	1.0	0.0	1.0	0.932	53.9	-34.0	-37.6	50.8	227	0.0	0.8	1.0	0.0	1.0	0.783	1.0	0.0	0.783	1.0		
240	222	227	0.0	0.8	1.0	52.9	-26.7	-46.4	53.6	240	0.0	1.0	0.875	54.5	-36.7	-33.0	49.5	222	0.0	0.8	1.0	0.0	1.0	0.949	53.7	-33.0	-39.0	51.3	229	0.0	0.767	1.0	0.0	1.0	0.717	1.0	0.0	0.717	1.0		
240	223	228	0.0	0.783	1.0	52.9	-26.5	-46.8	53.8	240	0.0	1.0	0.885	54.4	-36.2	-33.8	49.7	223	0.0	0.783	1.0	0.0	1.0	0.957	53.6	-32.5	-39.7	51.5	230	0.0	0.751	1.0	0.0	1.0	0.733	1.0	0.0	0.733	1.0		
240	224	229	0.0	0.766	1.0	52.9	-26.2	-47.2	53.9	240	0.0	1.0	0.894	54.3	-35.8	-34.6	49.9	224	0.0	0.767	1.0	0.0	1.0	0.966	53.5	-32.0	-40.4	51.7	231	0.0	0.733	1.0	0.0	1.0	0.683	1.0	0.0	0.683	1.0		
241	225	230	0.0	0.751	1.0	52.9	-25.9	-47.5	54.1	241	0.0	1.0	0.904	54.2	-35.4	-35.4	50.2	225	0.0	0.751	1.0	0.0	1.0	0.975	53.6	-32.5	-39.7	51.5	230	0.0	0.751	1.0	0.0	1.0	0.667	1.0	0.0	0.667	1.0		
242	226	231	0.0	0.733	1.0	52.6	-25.2	-47.8	54.1	242	0.0	1.0	0.913	54.1	-34.9	-36.2	50.4	226	0.0	0.733	1.0	0.0	1.0	0.983	53.3	-31.0	-41.7	52.1	233	0.0	0.7	1.0	0.0	1.0	0.667	1.0	0.0	0.667	1.0		
242	227	232	0.0	0.716	1.0	52.2	-24.5	-48.1	54.0	242	0.0	1.0	0.923	54.0	-34.4	-36.9	50.6	227	0.0	0.717	1.0	0.0	1.0	0.992	53.2	-30.4	-42.4	52.3	234	0.0	0.683	1.0	0.0	1.0	0.667	1.0	0.0	0.667	1.0		
243	228	233	0.0	0.7	1.0	51.9	-23.9	-48.4	54.0	243	0.0	1.0	0.932	53.9	-33.9	-37.7	50.9	228	0.0	0.7	1.0	0.0	1.0	0.997	1.0	53.1	-29.9	-43.1	52.5	235	0.0	0.667	1.0	0.0	1.0	0.667	1.0	0.0	0.667	1.0	
244	229	234	0.0	0.683	1.0	51.6	-23.2	-48.6	53.9	244	0.0	1.0	0.942	53.8	-33.4	-38.5	51.1	229	0.0	0.683	1.0	0.0	1.0	0.956	1.0	53.1	-29.2	-43.6	52.6	236	0.0	0.667	1.0	0.0	1.0	0.667	1.0	0.0	0.667	1.0	
245	230	235	0.0	0.666	1.0	51.3	-22.5	-48.9	53.8	245	0.0	1.0	0.951	53.7	-32.9	-39.2	51.3	230	0.0	0.667	1.0	0.0	1.0	0.966	1.0	53.1	-29.2	-43.6	52.6	236	0.0	0.667	1.0	0.0	1.0	0.667	1.0	0.0	0.667	1.0	
246	231	236	0.0	0.651	1.0	51.0	-21.8	-49.1	53.8	246	0.0	1.0	0.961	53.6	-32.3	-40.0	51.6	231	0.0	0.651	1.0	0.0	1.0	0.975	1.0	53.1	-29.2	-43.6	52.6	236	0.0	0.667	1.0	0.0	1.0	0.667	1.0	0.0	0.667	1.0	
246	232	237	0.0	0.633	1.0	50.7	-21.1	-49.4	53.7	246	0.0	1.0	0.97	53.5	-31.8	-40.7	51.8	232	0.0	0.633	1.0	0.0	1.0	0.983	1.0	53.1	-29.2	-43.6	52.6	236	0.0	0.667	1.0	0.0	1.0	0.667	1.0	0.0	0.667	1.0	
247	233	237	0.0	0.616	1.0	50.2	-20.2	-49.5	53.5	247	0.0	1.0	0.98	53.4	-31.2	-41.5	52.0	233	0.0	0.617	1.0	0.0	1.0	0.992	1.0	53.1	-29.2	-43.6	52.6	236	0.0	0.667	1.0	0.0	1.0	0.667	1.0	0.0	0.667	1.0	
248	234	238	0.0	0.6	1.0	49.7	-19.2	-49.6	53.2	248	0.0	1.0	0.989	53.2	-30.6	-42.2	52.3	234	0.0	0.6	1.0	0.0	1.0	0.997	1.0	53.1	-29.2	-43.6	52.6	236	0.0	0.667	1.0	0.0	1.0	0.667	1.0	0.0	0.667	1.0	
249	235	239	0.0	0.583	1.0	49.1	-18.2	-49.6	52.8	249	0.0	1.0	0.999	53.1	-30.0	-42.9	52.5	235	0.0	0.583	1.0	0.0	1.0	0.997	1.0	53.1	-29.2	-43.6	52.6	236	0.0	0.667	1.0	0.0	1.0	0.667	1.0	0.0	0.667	1.0	
250	236	240	0.0	0.566	1.0	48.5	-17.2	-49.6	52.5	250	0.0	1.0	0.963	1.0	53.1	-29.3	-43.5	52.6	236	0.0	0.567	1.0	0.0	1.0	0.975	1.0	53.0	-26.3	-46.9	53.9	240	0.0	0.567	1.0	0.0	1.0	0.667	1.0	0.0	0.667	1.0
251	237	241	0.0	0.551	1.0	47.9	-16.2	-49.5	52.2	251	0.0	1.0	0.918	1.0	53.1	-28.6	-44.1	52.7	237	0.0	0.551	1.0	0.0	1.0	0.983	1.0	53.1	-28.6	-44.1	52.7	237	0.0	0.551	1.0	0.0	1.0	0.667	1.0	0.0	0.667	1.0
252	238	242	0.0	0.533	1.0	47.3	-15.2	-49.5	51.8	252	0.0	1.0	0.874	1.0	53.1	-27.9	-44.7	52.8	238	0.0	0.533	1.0	0.0	1.0	0.992	1.0	53.1	-29.2	-43.6	52.6	236	0.0	0.667	1.0	0.0	1.0	0.667	1.0	0.0	0.667	1.0
253	239	243	0.0	0.516	1.0	46.7	-14.3	-49.4	51.5	253	0.0	1.0	0.838	1.0	53.0	-27.3	-45.5	53.2	239	0.0	0.517	1.0	0.0	1.0	0.997	1.0	53.1	-29.2	-43.6	52.6	236	0.0	0.667	1.0	0.0	1.0	0.667	1.0	0.0	0.667	1.0
254	240	244	0.0	0.5	1.0	46.1	-13.3	-49.4	51.1	254	0.0	1.0	0.801	1.0	53.0	-26.7	-46.3	53.6	240	0.0	0.5	1.0	0.0	1.0	0.997	1.0	53.1	-29.2	-43.6	52.6	236	0.0	0.667	1.0	0.0	1.0	0.667	1.0	0.0	0.667	1.0
255	241	245	0.0	0.483	1.0	45.5	-12.3	-49.4	50.9	255	0.0	1.0	0.764	1.0	52.9	-26.1	-47.2	54.0	241	0.0	0.483	1.0	0.0	1.0	0.997	1.0	53.1	-29.2	-43.6	52.6	236	0.0	0.667	1.0	0.0	1.0	0.667	1.0	0.0	0.667	1.0
256	242	246	0.0	0.466	1.0	44.8	-11.4	-49.4	50.7	256	0.0	1.0	0.737	1.0	52.7	-25.3	-47.7																								

Data of Maximum color M in colorimetric system Laser printer output; separation cmy₆*, D65 for input or output; Six hue angles of the 60 degree standard colours RY₆CBM₆; h_{ab,ds} = 30.0, 90.0, 150.0, 210.0, 270.0, 330.0;
 Six hue angles of the device colours RY₆CBM₆; h_{ab,d} = 33.5, 100.6, 155.5, 235.2, 290.8, 348.9; Six hue angles of the elementary colours RY₆CBM₆; h_{ab,e} = 25.5, 92.3, 162.2, 217.0, 271.7, 328.6

h _{ab,d}	h _{ab,s}	h _{ab,e}	rgb* _{dd361M}	LAB* _{ddx361Mi (x=LabCh)}	rgb* _{ds361Mi}	LAB* _{dsx361Mi (x=LabCh)}	rgb* _{dd361Mi}	LAB* _{de361Mi}	rgb* _{dex361Mi (x=LabCh)}	rgb* _{dd361Mi}	LAB* _{de361Mi}	rgb* _{de361Mi}	rgb* _{dd}	rgb* _{ds}	rgb* _{de}																				
272	255	258	0.0	0.25	1.0	36.8	2.2	-48.5	48.6	272	0.0	0.499	1.0	46.1	-13.1	-49.3	51.2	255	0.0	0.25	1.0	0.0	0.435	1.0	43.7	-9.5	-49.4	50.4	258	0.0	0.233	1.0			
273	256	258	0.0	0.233	1.0	36.6	3.2	-48.3	48.4	273	0.0	0.482	1.0	45.5	-12.2	-49.4	51.0	256	0.0	0.233	1.0	0.0	0.435	1.0	43.7	-9.5	-49.4	50.4	258	0.0	0.233	1.0			
274	257	259	0.0	0.216	1.0	36.4	4.1	-48.0	48.2	274	0.0	0.466	1.0	44.9	-11.3	-49.4	50.8	257	0.0	0.217	1.0	0.0	0.42	1.0	43.1	-8.7	-49.3	50.2	259	0.0	0.217	1.0			
276	258	260	0.0	0.2	1.0	36.1	5.1	-47.8	48.1	276	0.0	0.45	1.0	44.3	-10.4	-49.4	50.6	258	0.0	0.2	1.0	0.0	0.405	1.0	42.6	-7.9	-49.3	50.0	260	0.0	0.2	1.0			
277	259	261	0.0	0.183	1.0	35.9	6.1	-47.5	47.9	277	0.0	0.438	1.0	43.7	-9.5	-49.4	50.4	259	0.0	0.183	1.0	0.0	0.39	1.0	42.0	-7.1	-49.3	49.9	261	0.0	0.183	1.0			
278	260	262	0.0	0.166	1.0	35.6	7.0	-47.2	47.7	278	0.0	0.414	1.0	43.0	-8.6	-49.3	50.2	260	0.0	0.167	1.0	0.0	0.376	1.0	41.4	-6.3	-49.2	49.7	262	0.0	0.167	1.0			
279	261	263	0.0	0.15	1.0	35.4	8.0	-46.9	47.5	279	0.0	0.402	1.0	42.4	-7.7	-49.3	50.0	261	0.0	0.15	1.0	0.0	0.364	1.0	41.0	-5.5	-49.2	49.6	263	0.0	0.15	1.0			
280	262	264	0.0	0.133	1.0	35.2	8.9	-46.5	47.4	280	0.0	0.386	1.0	41.8	-6.8	-49.2	49.8	262	0.0	0.133	1.0	0.0	0.353	1.0	40.6	-4.7	-49.2	49.5	264	0.0	0.133	1.0			
282	263	265	0.0	0.116	1.0	34.9	9.9	-46.3	47.3	282	0.0	0.371	1.0	41.3	-6.0	-49.2	49.7	263	0.0	0.117	1.0	0.0	0.341	1.0	40.2	-3.9	-49.1	49.4	265	0.0	0.117	1.0			
283	264	266	0.0	0.1	1.0	34.5	10.9	-46.1	47.4	283	0.0	0.358	1.0	40.8	-5.1	-49.2	49.5	264	0.0	0.1	1.0	0.0	0.33	1.0	39.8	-3.1	-49.1	49.3	266	0.0	0.1	1.0			
284	265	267	0.0	0.083	1.0	34.2	11.9	-45.9	47.4	284	0.0	0.346	1.0	40.4	-4.2	-49.2	49.4	265	0.0	0.083	1.0	0.0	0.318	1.0	39.4	-2.3	-49.0	49.2	267	0.0	0.083	1.0			
285	266	268	0.0	0.066	1.0	33.9	12.9	-45.7	47.5	285	0.0	0.333	1.0	39.9	-3.3	-49.1	49.3	266	0.0	0.067	1.0	0.0	0.307	1.0	39.0	-1.5	-49.0	49.1	268	0.0	0.067	1.0			
287	267	269	0.0	0.049	1.0	33.5	13.9	-45.4	47.5	287	0.0	0.321	1.0	39.5	-2.5	-49.1	49.2	267	0.0	0.05	1.0	0.0	0.296	1.0	38.5	-0.8	-48.9	49.0	269	0.0	0.05	1.0			
288	268	269	0.0	0.033	1.0	33.2	14.9	-45.2	47.6	288	0.0	0.308	1.0	39.0	-1.6	-49.0	49.1	268	0.0	0.033	1.0	0.0	0.284	1.0	38.1	0.0	-48.8	48.9	269	0.0	0.033	1.0			
289	269	270	0.0	0.016	1.0	32.9	15.9	-44.9	47.6	289	0.0	0.296	1.0	38.5	-0.8	-48.9	49.0	269	0.0	0.017	1.0	0.0	0.273	1.0	37.7	0.7	-48.7	48.8	270	0.0	0.017	1.0			
290	270	271	0.0	0.0	1.0	32.5	16.9	-44.6	47.7	290	B _d	0.0	0.283	1.0	38.1	0.0	-48.8	48.9	270	B _s	0.0	0.0	1.0	0.0	0.261	1.0	37.3	1.5	-48.6	48.7	271	B _e	0.0	0.0	1.0
291	271	272	0.016	0.0	1.0	32.4	17.8	-44.3	47.8	291	0.0	0.27	1.0	37.6	0.9	-48.7	48.8	271	0.0	0.017	0.0	1.0	0.0	0.249	1.0	36.9	2.3	-48.5	48.6	272	0.0	0.017	0.0	1.0	
293	272	273	0.033	0.0	1.0	32.3	18.7	-44.0	47.9	293	0.0	0.258	1.0	37.2	1.7	-48.6	48.7	272	0.0	0.033	0.0	1.0	0.0	0.236	1.0	36.7	3.1	-48.3	48.5	273	0.0	0.033	0.0	1.0	
294	273	274	0.05	0.0	1.0	32.1	19.6	-43.7	47.9	294	0.0	0.245	1.0	36.8	2.5	-48.4	48.6	273	0.0	0.05	0.0	1.0	0.0	0.222	1.0	36.5	3.9	-48.1	48.3	274	0.0	0.05	0.0	1.0	
295	274	275	0.066	0.0	1.0	32.0	20.5	-43.4	48.0	295	0.0	0.231	1.0	36.6	3.4	-48.2	48.4	274	0.0	0.067	0.0	1.0	0.0	0.209	1.0	36.3	4.6	-47.9	48.2	275	0.0	0.067	0.0	1.0	
296	275	276	0.083	0.0	1.0	31.9	21.4	-43.1	48.1	296	0.0	0.217	1.0	36.4	4.2	-48.0	48.3	275	0.0	0.083	0.0	1.0	0.0	0.196	1.0	36.1	5.4	-47.7	48.1	276	0.0	0.083	0.0	1.0	
297	276	277	0.1	0.0	1.0	31.8	22.3	-42.7	48.2	297	0.0	0.202	1.0	36.2	5.0	-47.8	48.1	276	0.1	0.0	1.0	0.0	0.182	1.0	35.9	6.2	-47.4	47.9	277	0.1	0.0	1.0	1.0		
298	277	278	0.116	0.0	1.0	31.6	23.1	-42.4	48.3	298	0.0	0.188	1.0	36.0	5.8	-47.5	48.0	277	0.117	0.0	1.0	0.0	0.169	1.0	35.7	7.0	-47.2	47.8	278	0.117	0.0	1.0	1.0		
299	278	279	0.133	0.0	1.0	31.5	24.1	-42.0	48.4	299	0.0	0.174	1.0	35.8	6.7	-47.3	47.8	278	0.133	0.0	1.0	0.0	0.155	1.0	35.5	7.7	-46.9	47.6	279	0.133	0.0	1.0	1.0		
300	279	280	0.15	0.0	1.0	31.4	25.0	-41.7	48.6	300	0.0	0.16	1.0	35.6	7.5	-47.0	47.7	279	0.15	0.0	1.0	0.0	0.142	1.0	35.3	8.5	-46.6	47.5	280	0.15	0.0	1.0	1.0		
302	280	281	0.166	0.0	1.0	31.4	25.9	-41.4	48.8	302	0.0	0.146	1.0	35.4	8.3	-46.7	47.5	280	0.167	0.0	1.0	0.0	0.129	1.0	35.1	9.2	-46.4	47.4	281	0.167	0.0	1.0	1.0		
303	281	282	0.183	0.0	1.0	31.3	26.8	-41.0	49.0	303	0.0	0.132	1.0	35.2	9.0	-46.4	47.4	281	0.183	0.0	1.0	0.0	0.116	1.0	34.9	10.0	-46.2	47.4	282	0.183	0.0	1.0	1.0		
304	282	283	0.2	0.0	1.0	31.2	27.8	-40.6	49.2	304	0.0	0.118	1.0	34.9	9.8	-46.2	47.4	282	0.2	0.0	1.0	0.0	0.103	1.0	34.6	10.8	-46.1	47.4	283	0.2	0.0	1.0	1.0		
305	283	284	0.216	0.0	1.0	31.1	28.7	-40.2	49.4	305	0.0	0.104	1.0	34.7	10.7	-46.1	47.4	283	0.217	0.0	1.0	0.0	0.09	1.0	34.4	11.5	-45.9	47.4	284	0.217	0.0	1.0	1.0		
306	284	285	0.233	0.0	1.0	31.1	29.6	-39.8	49.6	306	0.0	0.091	1.0	34.4	11.5	-45.9	47.4	284	0.233	0.0	1.0	0.0	0.078	1.0	34.1	12.3	-45.8	47.5	285	0.233	0.0	1.0	1.0		
307	285	285	0.25	0.0	1.0	31.0	30.5	-39.3	49.8	307	0.0	0.078	1.0	34.1	12.3	-45.8	47.5	285	0.25	0.0	1.0	0.0	0.065	1.0	33.9	13.1	-45.6	47.5	285	0.25	0.0	1.0	1.0		
309	286	286	0.266	0.0	1.0	31.4	31.6	-38.8	50.1	309	0.0	0.064	1.0	33.9	13.1	-45.6	47.5	286	0.267	0.0	1.0	0.0	0.052	1.0	33.6	13.8	-45.4	47.6	286	0.267	0.0	1.0	1.0		
310	287	287	0.283	0.0	1.0	31.8	32.6	-38.3	50.3	310	0.0	0.051	1.0	33.6	13.9	-45.4	47.6	287	0.283	0.0	1.0	0.0	0.04	1.0	33.4	14.6	-45.2	47.6	287	0.283	0.0	1.0	1.0		
311	288	288	0.3	0.0	1.0	32.3	33.6	-37.8	50.6	311	0.0	0.038	1.0	33.3	14.7	-45.2	47.6	288	0.3	0.0	1.0	0.0	0.027	1.0	33.1	15.4	-45.0	47.6	288	0.3	0.0	1.0	1.0		
312	289	289	0.316	0.0	1.0	32.7	34.7	-37.2	50.9	312	0.0	0.024	1.0	33.1	15.5	-44.9	47.6	289	0.317	0.0	1.0	0.0	0.014	1.0	32.9	16.1	-44.8	47.7	289	0.317	0.0	1.0	1.0		
314	290	290	0.333	0.0	1.0	33.1	35.7	-36.6	51.2	314	0.0	0.011	1.0	32.8	16.3	-44.7	47.7	290	0.333	0.0	1.0	0.0	0.001	1.0	32.6	16.9	-44.5	47.7	290	0.333	0.0	1.0	1.0		
315	291	291	0.35	0.0	1.0	33.6	36.7	-36.0	51.4	315	0.003	0.0	1.0	32.5	17.1	-44.5	47.7	291	0.35	0.0	1.0	0.0	0.012	0.0	1.0	32.5	17.6	-44.3	47.8	291	0.35	0.0	1.0	1.0	
316	292	292	0.366	0.0	1.0	34.0	37.7	-35.3	51.7	316	0.018	0.0	1.0	32.4	17.9	-44.2	47.8	292	0.367	0.0	1.0	0.0	0.026	0.0	1.0	32.4	18.4	-44.1	47.9	292	0.367	0.0	1.0	1.0	
317	293	293	0.383	0.0	1.0	34.4	38.5	-34.7	51.9	317	0.033	0.0	1.0	32.3	18.7	-44.0	47.9	293	0.383	0.0	1.0	0.0	0.041	0.0	1.0	32.3	19.1	-43.9	47.9	293	0.383	0.0	1.0	1.0	
318	294	294	0.4	0.0	1.0	34.8	39.2	-34.2	52.1	318	0.047	0.0	1.0	32.2	19.5	-																			

Data of Maximum color M in colorimetric system Laser printer output; separation cmy6*, 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}* = 33.5, 100.6, 155.5, 235.2, 290.8, 348.9; Six hue angles of the elementary colours *RYGCBM*_e: *h_{ab,e}* = 25.5, 92.3, 162.2, 217.0, 271.7, 328.6

<i>h_{ab,d}</i>	<i>h_{ab,s}</i>	<i>h_{ab,e}</i>	<i>rgb*_{dd361M}</i>	<i>LAB*_{ddx361Mi}</i> (x=LabCh)	<i>rgb*_{ds361Mi}</i>	<i>LAB*_{dsx361Mi}</i> (x=LabCh)	<i>rgb*_{dd361Mi}</i>	<i>LAB*_{de361Mi}</i>	<i>rgb*_{dex361Mi}</i> (x=LabCh)	<i>rgb*_{dd361Mi}</i>	<i>rgb*_{dd}</i>	<i>rgb*_{ds}</i>	<i>rgb*_{de}</i>																							
354	345	342	1.0	0.0	0.75	49.3	64.5	-6.5	64.8	354	0.902	0.0	1.0	46.2	61.3	-16.3	63.5	345	1.0	0.0	0.75	0.848	0.0	1.0	44.9	59.1	-18.2	61.9	342	1.0	0.0	0.75				
355	346	343	1.0	0.0	0.733	49.1	64.2	-5.3	64.4	355	0.926	0.0	1.0	46.7	62.4	-15.5	64.3	346	1.0	0.0	0.733	0.871	0.0	1.0	45.6	60.0	-17.4	62.5	343	1.0	0.0	0.733				
356	347	344	1.0	0.0	0.716	48.9	63.9	-4.1	64.0	356	0.951	0.0	1.0	47.2	63.4	-14.5	65.1	347	1.0	0.0	0.717	0.895	0.0	1.0	46.1	61.0	-16.6	63.2	344	1.0	0.0	0.717				
357	348	345	1.0	0.0	0.7	48.7	63.5	-2.9	63.6	357	0.976	0.0	1.0	47.7	64.5	-13.6	65.9	348	1.0	0.0	0.7	0.918	0.0	1.0	46.5	62.0	-15.7	64.0	345	1.0	0.0	0.7				
358	349	346	1.0	0.0	0.683	48.6	63.2	-1.8	63.2	358	1.0	0.0	0.996	48.2	65.4	-12.6	66.7	349	1.0	0.0	0.683	0.942	0.0	1.0	47.0	63.0	-14.9	64.8	346	1.0	0.0	0.683				
359	350	347	1.0	0.0	0.666	48.4	62.8	-0.6	62.8	359	1.0	0.0	0.927	49.0	65.9	-11.5	66.9	350	1.0	0.0	0.667	0.966	0.0	1.0	47.5	64.0	-14.0	65.5	347	1.0	0.0	0.667				
360	351	348	1.0	0.0	0.65	48.2	62.4	0.4	62.4	360	1.0	0.0	0.866	49.5	66.1	-10.4	66.9	351	1.0	0.0	0.65	0.989	0.0	1.0	48.0	65.0	-13.1	66.3	348	1.0	0.0	0.65				
361	352	349	1.0	0.0	0.633	48.0	62.0	1.5	62.0	361	1.0	0.0	0.83	49.5	65.6	-9.1	66.3	352	1.0	0.0	0.633	1.0	0.0	0.964	48.6	65.6	-12.1	66.8	349	1.0	0.0	0.633				
362	353	350	1.0	0.0	0.616	47.9	61.6	2.7	61.7	362	1.0	0.0	0.794	49.4	65.2	-7.9	65.6	353	1.0	0.0	0.617	1.0	0.0	0.899	49.3	66.0	-11.1	67.0	350	1.0	0.0	0.617				
363	354	351	1.0	0.0	0.6	47.9	61.3	3.8	61.4	363	1.0	0.0	0.757	49.3	64.7	-6.7	65.0	354	1.0	0.0	0.6	1.0	0.0	0.853	49.5	65.9	-9.9	66.7	351	1.0	0.0	0.6				
364	355	352	1.0	0.0	0.583	47.9	60.9	4.9	61.1	364	1.0	0.0	0.737	49.2	64.3	-5.5	64.6	355	1.0	0.0	0.583	1.0	0.0	0.819	49.4	65.5	-8.7	66.1	352	1.0	0.0	0.583				
365	356	353	1.0	0.0	0.566	47.9	60.6	6.0	60.9	365	1.0	0.0	0.721	49.0	64.0	-4.4	64.2	356	1.0	0.0	0.567	1.0	0.0	0.785	49.4	65.0	-7.6	65.5	353	1.0	0.0	0.567				
366	357	354	1.0	0.0	0.55	47.8	60.2	7.1	60.6	366	1.0	0.0	0.705	48.9	63.7	-3.2	63.8	357	1.0	0.0	0.55	1.0	0.0	0.75	49.3	64.6	-6.5	64.9	354	1.0	0.0	0.55				
367	358	355	1.0	0.0	0.533	47.8	59.8	8.2	60.4	367	1.0	0.0	0.689	48.7	63.4	-2.1	63.4	358	1.0	0.0	0.533	1.0	0.0	0.735	49.2	64.3	-5.4	64.5	355	1.0	0.0	0.533				
368	359	356	1.0	0.0	0.516	47.8	59.4	9.3	60.1	368	1.0	0.0	0.673	48.5	63.0	-1.0	63.0	359	1.0	0.0	0.517	1.0	0.0	0.72	49.0	64.0	-4.3	64.1	356	1.0	0.0	0.517				
370	360	352	1.0	0.0	0.5	47.8	58.9	10.4	59.9	370	1.0	0.0	0.657	48.3	62.6	0.0	62.6	360	1.0	0.0	0.5	1.0	0.0	0.828	49.5	65.6	-9.0	66.2	352	1.0	0.0	0.5				
371	361	353	1.0	0.0	0.483	47.7	58.7	11.6	59.9	371	1.0	0.0	0.641	48.2	62.2	1.1	62.2	361	1.0	0.0	0.483	1.0	0.0	0.787	49.4	65.1	-7.7	65.5	353	1.0	0.0	0.483				
372	362	354	1.0	0.0	0.466	47.7	58.5	12.8	59.9	372	1.0	0.0	0.625	48.0	61.8	2.2	61.8	362	1.0	0.0	0.467	1.0	0.0	0.749	49.3	64.5	-6.4	64.8	354	1.0	0.0	0.467				
373	363	355	1.0	0.0	0.45	47.6	58.3	14.0	59.9	373	1.0	0.0	0.609	48.0	61.5	3.2	61.6	363	1.0	0.0	0.45	1.0	0.0	0.731	49.1	64.2	-5.1	64.4	355	1.0	0.0	0.45				
374	364	356	1.0	0.0	0.433	47.5	58.0	15.2	60.0	374	1.0	0.0	0.594	48.0	61.2	4.3	61.4	364	1.0	0.0	0.433	1.0	0.0	0.713	48.9	63.9	-3.8	64.0	356	1.0	0.0	0.433				
375	365	357	1.0	0.0	0.416	47.5	57.7	16.5	60.0	375	1.0	0.0	0.578	47.9	60.9	5.3	61.1	365	1.0	0.0	0.417	1.0	0.0	0.695	48.7	63.5	-2.5	63.5	357	1.0	0.0	0.417				
377	366	358	1.0	0.0	0.4	47.4	57.3	17.7	60.0	377	1.0	0.0	0.562	47.9	60.5	6.4	60.9	366	1.0	0.0	0.4	1.0	0.0	0.677	48.6	63.1	-1.3	63.1	358	1.0	0.0	0.4				
378	367	359	1.0	0.0	0.383	47.4	57.0	18.9	60.0	378	1.0	0.0	0.547	47.9	60.2	7.4	60.6	367	1.0	0.0	0.383	1.0	0.0	0.659	48.4	62.7	-0.1	62.7	359	1.0	0.0	0.383				
379	368	360	1.0	0.0	0.366	47.4	56.8	20.0	60.2	379	1.0	0.0	0.531	47.9	59.8	8.4	60.4	368	1.0	0.0	0.367	1.0	0.0	0.641	48.2	62.2	1.1	62.2	360	1.0	0.0	0.367				
380	369	362	1.0	0.0	0.35	47.4	56.7	21.1	60.5	380	1.0	0.0	0.516	47.8	59.4	9.4	60.2	369	1.0	0.0	0.35	1.0	0.0	0.624	48.0	61.8	2.3	61.8	362	1.0	0.0	0.35				
381	370	363	1.0	0.0	0.333	47.4	56.6	22.1	60.8	381	1.0	0.0	0.5	47.8	59.0	10.4	59.9	370	1.0	0.0	0.333	1.0	0.0	0.606	48.0	61.5	3.4	61.5	363	1.0	0.0	0.333				
382	371	364	1.0	0.0	0.316	47.4	56.5	23.2	61.1	382	1.0	0.0	0.486	47.8	58.8	11.4	59.9	371	1.0	0.0	0.317	1.0	0.0	0.589	47.9	61.1	4.6	61.3	364	1.0	0.0	0.317				
383	372	365	1.0	0.0	0.3	47.5	56.4	24.3	61.4	383	1.0	0.0	0.472	47.7	58.6	12.5	60.0	372	1.0	0.0	0.3	1.0	0.0	0.571	47.9	60.7	5.8	61.0	365	1.0	0.0	0.3				
384	373	366	1.0	0.0	0.283	47.5	56.2	25.4	61.7	384	1.0	0.0	0.458	47.7	58.4	13.5	60.0	373	1.0	0.0	0.283	1.0	0.0	0.554	47.9	60.3	6.9	60.7	366	1.0	0.0	0.283				
385	374	367	1.0	0.0	0.266	47.5	56.1	26.5	62.0	385	1.0	0.0	0.444	47.6	58.2	14.5	60.0	374	1.0	0.0	0.267	1.0	0.0	0.537	47.9	59.9	8.1	60.5	367	1.0	0.0	0.267				
386	375	368	1.0	0.0	0.25	47.5	55.9	27.5	62.3	386	1.0	0.0	0.43	47.6	58.0	15.5	60.0	375	1.0	0.0	0.25	1.0	0.0	0.519	47.8	59.5	9.2	60.2	368	1.0	0.0	0.25				
386	376	369	1.0	0.0	0.233	47.5	56.0	28.4	62.8	386	1.0	0.0	0.416	47.5	57.7	16.5	60.0	376	1.0	0.0	0.233	1.0	0.0	0.502	47.8	59.1	10.3	59.9	369	1.0	0.0	0.233				
387	377	370	1.0	0.0	0.216	47.6	56.1	29.3	63.3	387	1.0	0.0	0.402	47.5	57.4	17.6	60.1	377	1.0	0.0	0.217	1.0	0.0	0.486	47.8	58.8	11.4	59.9	370	1.0	0.0	0.217				
388	378	372	1.0	0.0	0.2	47.6	56.1	30.2	63.8	388	1.0	0.0	0.388	47.5	57.1	18.6	60.1	378	1.0	0.0	0.2	1.0	0.0	0.471	47.7	58.6	12.6	60.0	372	1.0	0.0	0.2				
388	379	373	1.0	0.0	0.183	47.6	56.2	31.1	64.2	388	1.0	0.0	0.374	47.4	56.8	19.6	60.1	379	1.0	0.0	0.183	1.0	0.0	0.455	47.7	58.4	13.7	60.0	373	1.0	0.0	0.183				
389	380	374	1.0	0.0	0.166	47.6	56.3	32.0	64.7	389	1.0	0.0	0.357	47.4	56.8	20.7	60.4	380	1.0	0.0	0.167	1.0	0.0	0.439	47.6	58.1	14.9	60.0	374	1.0	0.0	0.167				
390	381	375	1.0	0.0	0.15	47.6	56.3	32.9	65.2	390	1.0	0.0	0.34	47.5	56.7	21.8	60.7	381	1.0	0.0	0.15	1.0	0.0	0.424	47.6	57.9	16.0	60.0	375	1.0	0.0	0.15				
390	382	376	1.0	0.0	0.133	47.6	56.3	33.8	65.7	390	1.0	0.0	0.323	47.5	56.6	22.9	61.0	382	1.0	0.0	0.133	1.0	0.0	0.408	47.5	57.6	17.1	60.0	376	1.0	0.0	0.133				
391	383	377	1.0	0.0	0.116	47.6	56.4	34.																												

<http://farbe.li.tu-berlin.de/PI89/PI89L0FP.PDF /.PS>; linearizzazione 3D
F: linearizzazione 3D PI89/PI89L30FP.DAT nel file (F), pagine 18/33

nif	HC*File	rgb*File	icr*File	hsa*File	rgb*File	LabC*File	cmyk*sep*File	rgb*File	hsa*File	LabC*File	cmyp*sep*File	rgb*File	hsa*File	LabC*File	cmyp*sep*File	rgb*File	hsa*File	LabC*File	cmyp*sep*File	delta	
0/648	R00Y_100_100de	1.0	1.0	0.0	1.0	0.0	0.0	1.0	0.0	0.263	47.5	56.0	62.1	25.4	0.0	0.735	0.0	0.999	0.001	0.0	
1/657	R13Y_100_100de	0.0	1.0	0.5	37	0.0	0.0	0.0	0.0	0.012	57.1	37.5	68.3	33.2	0.0	0.989	0.0	1.0	0.0	0.0	
2/666	R25Y_100_100de	0.0	1.0	0.5	44	0.0	0.0	0.0	0.0	0.108	51.4	54.8	47.7	72.6	41.0	0.886	0.0	0.886	0.001	0.0	
3/675	R35Y_100_100de	0.0	1.0	0.5	52	0.0	0.0	0.0	0.0	0.216	50.0	56.5	45.2	53.8	70.3	0.785	1.0	0.0	0.0	0.0	
4/684	R50Y_100_100de	0.0	1.0	0.5	60	0.0	0.0	0.0	0.0	0.425	61.8	68.0	68.0	68.0	68.0	0.683	1.0	0.0	0.0	0.0	
5/693	R63Y_100_100de	0.0	1.0	0.5	68	0.0	0.0	0.0	0.0	0.319	67.0	25.7	63.0	68.0	67.8	0.0	0.576	1.0	0.0	0.0	
6/702	R75Y_100_100de	0.0	1.0	0.5	76	0.0	0.0	0.0	0.0	0.551	68.2	16.1	68.2	70.1	76.7	0.0	0.448	1.0	0.0	0.0	
7/711	R88Y_100_100de	0.0	1.0	0.5	83	0.0	0.0	0.0	0.0	0.668	0.0	77.7	7.0	73.1	73.5	0.0	0.329	1.0	0.0	0.0	
8/720	Y00G_100_100de	1.0	1.0	0.0	90	0.0	0.0	1.0	0.0	0.768	0.0	83.6	-3.1	76.8	76.9	0.0	0.231	0.0	0.0	0.0	
9/639	Y13G_100_100de	0.875	1.0	0.0	97	0.0	0.0	1.0	0.0	0.995	0.0	91.4	-15.5	84.4	85.8	0.0	0.0	0.0	0.0	0.0	
10/558	Y25G_100_100de	0.75	1.0	0.0	104	0.0	0.0	1.0	0.0	0.858	0.0	85.8	-26.4	78.5	108.6	0.304	0.0	0.0	0.0	0.0	
11/477	Y38G_100_100de	0.625	1.0	0.0	112	0.0	0.0	1.0	0.0	0.717	0.0	71.7	-34.4	64.9	73.5	117.9	0.0	0.0	0.0	0.0	
12/396	Y50G_100_100de	0.5	1.0	0.0	120	0.0	0.0	1.0	0.0	0.595	0.0	64.9	-41.7	54.8	68.9	127.2	0.0	0.0	0.0	0.0	
13/315	Y63G_100_100de	0.375	1.0	0.0	128	0.0	0.0	1.0	0.0	0.425	0.0	65.4	-49.4	46.7	68.0	136.5	0.0	0.0	0.0	0.0	
14/234	Y75G_100_100de	0.25	1.0	0.0	136	0.0	0.0	1.0	0.0	0.599	0.0	59.9	-58.2	39.3	70.2	145.9	0.0	0.0	0.0	0.0	
15/153	Y88G_100_100de	0.125	1.0	0.0	143	0.0	0.0	1.0	0.0	0.668	0.0	55.2	-65.9	32.0	73.3	154.0	0.0	0.0	0.0	0.0	
16/72	G00C_100_100de	0.0	1.0	0.0	150	0.0	0.0	1.0	0.0	0.146	0.0	0.146	-65.9	21.1	69.2	162.2	0.0	0.0	0.0	0.0	
17/73	G13C_100_100de	0.0	1.0	0.0	157	0.0	0.0	1.0	0.0	0.251	0.0	0.251	-53.7	63.1	162.2	0.0	0.0	0.0	0.0	0.0	
18/74	G25C_100_100de	0.0	1.0	0.0	164	0.0	0.0	1.0	0.0	0.32	0.0	0.32	-59.8	5.2	60.1	175.0	0.0	0.0	0.0	0.0	
19/75	G38C_100_100de	0.0	1.0	0.0	172	0.0	0.0	1.0	0.0	0.404	0.0	0.404	-51.6	-2.2	55.7	182.3	0.0	0.0	0.0	0.0	
20/76	G50C_100_100de	0.0	1.0	0.0	180	0.0	0.0	1.0	0.0	0.497	0.0	0.497	-48.2	-8.7	52.3	189.6	0.0	0.0	0.0	0.0	
21/77	G63C_100_100de	0.0	1.0	0.0	188	0.0	0.0	1.0	0.0	0.56	0.0	0.56	-44.3	-14.6	50.4	196.9	0.0	0.0	0.0	0.0	
22/78	G75C_100_100de	0.0	1.0	0.0	196	0.0	0.0	1.0	0.0	0.622	0.0	0.622	-44.3	-19.9	48.5	204.2	0.0	0.0	0.0	0.0	
23/79	G88C_100_100de	0.0	1.0	0.0	203	0.0	0.0	1.0	0.0	0.701	0.0	0.701	-41.4	-24.5	48.1	210.3	0.0	0.0	0.0	0.0	
24/80	C00B_100_100de	0.0	1.0	0.0	210	0.0	0.0	1.0	0.0	0.0	0.0	0.0	-29.1	48.4	216.9	1.0	0.0	0.0	0.0	0.0	
25/71	C13B_100_100de	0.0	1.0	0.0	217	0.0	0.0	1.0	0.0	0.888	0.0	0.888	-36.1	-34.1	49.7	223.3	0.0	0.0	0.0	0.0	
26/63	C25B_100_100de	0.0	1.0	0.0	224	0.0	0.0	1.0	0.0	0.948	0.0	0.948	-39.1	-39.1	51.2	229.7	0.0	0.0	0.0	0.0	
27/63	C38B_100_100de	0.0	1.0	0.0	232	0.0	0.0	1.0	0.0	0.915	0.0	0.915	-28.6	-44.2	52.6	237.0	0.0	0.0	0.0	0.0	
28/44	C50B_100_100de	0.0	1.0	0.0	240	0.0	0.0	1.0	0.0	0.686	0.0	0.686	-16.4	-49.6	53.9	244.3	0.0	0.0	0.0	0.0	
29/35	C63B_100_100de	0.0	1.0	0.0	248	0.0	0.0	1.0	0.0	0.552	0.0	0.552	-16.4	-49.6	52.2	251.6	0.0	0.0	0.0	0.0	
30/26	C75B_100_100de	0.0	1.0	0.0	256	0.0	0.0	1.0	0.0	0.434	0.0	0.434	-9.6	-49.4	50.3	258.9	0.0	0.0	0.0	0.0	
31/17	C88B_100_100de	0.0	1.0	0.0	263	0.0	0.0	1.0	0.0	0.341	0.0	0.341	-4.0	-49.2	49.4	265.3	0.0	0.0	0.0	0.0	
32/8	B00M_100_100de	0.0	1.0	0.0	270	0.0	0.0	1.0	0.0	0.261	0.0	0.261	37.3	1.4	-48.6	48.7	271.7	0.0	0.0	0.0	0.0
33/89	B13M_100_100de	0.125	1.0	0.0	277	0.0	0.0	1.0	0.0	0.168	0.0	0.168	35.7	6.9	-47.2	47.7	278.3	0.0	0.0	0.0	0.0
34/170	B25M_100_100de	0.25	1.0	0.0	284	0.0	0.0	1.0	0.0	0.077	0.0	0.077	34.1	12.2	-45.8	47.4	285.0	0.0	0.0	0.0	0.0
35/251	B38M_100_100de	0.375	1.0	0.0	292	0.0	0.0	1.0	0.0	0.026	0.0	0.026	32.3	18.3	-44.1	47.8	292.5	0.0	0.0	0.0	0.0
36/332	B50M_100_100de	0.5	1.0	0.0	300	0.0	0.0	1.0	0.0	0.138	0.0	0.138	31.5	24.4	-41.9	48.5	300.1	0.0	0.0	0.0	0.0
37/413	B63M_100_100de	0.625	1.0	0.0	308	0.0	0.0	1.0	0.0	0.249	0.0	0.249	31.0	30.5	-39.4	49.8	307.7	0.0	0.0	0.0	0.0
38/494	B75M_100_100de	0.75	1.0	0.0	316	0.0	0.0	1.0	0.0	0.347	0.0	0.347	30.5	36.5	-36.1	51.4	315.3	0.0	0.0	0.0	0.0
39/575	B88M_100_100de	0.875	1.0	0.0	323	0.0	0.0	1.0	0.0	0.455	0.0	0.455	36.1	41.4	-32.4	52.6	321.9	0.0	0.0	0.0	0.0
40/656	M00R_100_100de	1.0	0.0	0.5	330	0.0	0.0	1.0	0.0	0.584	0.0	0.584	46.7	-28.5	54.7	328.6	0.0	0.0	0.0	0.0	
41/655	M13R_100_100de	1.0	0.0	0.5	337	0.0	0.0	1.0	0.0	0.696	0.0	0.696	52.3	-24.1	57.6	335.2	0.0	0.0	0.0	0.0	
42/654	M25R_100_100de	1.0	0.0	0.5	344	0.0	0.0	1.0	0.0	0.825	0.0	0.825	44.1	58.2	-19.0	61.2	341.8	0.0	0.0	0.0	0.0
43/653	M38R_100_100de	1.0	0.0	0.5	352	0.0	0.0	1.0	0.0	0.964	0.0	0.964	48.5	65.6	-12.2	66.7	349.4	0.0	0.0	0.0	0.0
44/652	M50R_100_100de	1.0	0.0	0.5	360	0.0	0.0	1.0	0.0	0.827	0.0	0.827	49.4	65.5	-9.1	66.2	352.0	0.0	0.0	0.0	0.0
45/651	M63R_100_100de	1.0	0.0	0.5	368	0.0	0.0	1.0	0.0	0.641	0.0	0.641	48.1	62.2	1.0	62.2	0.0	0.0	0.0	0.0	0.0
46/650	M75R_100_100de	1.0	0.0	0.5	376	0.0	0.0	1.0	0.0	0.501	0.0	0.501	47.8	59.0	10.2	59.9	9.8	0.0	0.0	0.0	0.0
47/649	M88R_100_100de	1.0	0.0	0.5	383	0.0	0.0	1.0	0.0	0.392	0.0	0.392	47.4	57.2	18.2	60.0	17.6	0.0	0.0	0.0	0.0
48/648	R00Y_100_100de	1.0	0.0	0.0	390	0.0	0.0	1.0	0.0	0.263	47.5	56.0	62.1	25.4	0.0	0.735	0.0	0.999	0.001	0.0	
49/0	NV_000de	0.0	0.0	0.0	360	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
50/91	NV_012de	0.125	0.0	0.0	360	0.0	0.0	0.0	0.0	0.125	0.0	0.125	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
51/182	NV_025de	0.25	0.0	0.0	360	0.0	0.0	0.0	0.0	0.25	0.0	0.25	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
52/273	NV_038de	0.375	0.0	0.0	360	0.0	0.0	0.0	0.0	0.375	0.0	0.375	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
53/564	NV_050de	0.5	0.0	0.0	360	0.0	0.0	0.0	0.0	0.5	0.0	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
54/455	NV_063de	0.625	0.0	0.0	360	0.0	0.0	0.0	0.0	0.625	0.0	0.625	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
55/546	NV_075de	0.75	0.0	0.0	360	0.0	0.0	0.0	0.0	0.75	0.0	0.75	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
56/637	NV_088de	0.875	0.0	0.0	360	0.0	0.0	0.0	0.0	0.875	0.0	0.875	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
57/728	NV_100de	1.0	0.0	0.0	360	0.0	0.0	0.0	0.0	1.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	

grafico TUB-PI89; cerchio delle tinte a 16 passi
colori e la differenza, ΔE^*

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

<http://farbe.li.tu-berlin.de/PI89/PI89L0FP.PDF /.PS; linearizzazione 3D>
F: linearizzazione 3D PI89/PI89L30FP.DAT nel file (F), pagine 21/33

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

n	HC*File	rgb_Role	icc_File	hsa_File	rgb*File	LabC*File	cmyk*_sep_Role	delta	hsa*de	rgb*File	LabC*File	delta
81	BOYR_012_012a2e	0.125 0.0	0.125 0.0	0.125 0.0	0.032 26.8	7.0	0.468	0.339	0.872	0.0	0.468	0.339
82	BOYR_012_012a2e	0.125 0.0	0.125 0.0	0.125 0.0	0.032 26.8	7.0	0.468	0.339	0.872	0.0	0.468	0.339
83	B2SK_025_025a2e	0.125 0.0	0.125 0.0	0.125 0.0	0.032 26.8	7.0	0.468	0.339	0.872	0.0	0.468	0.339
84	B1SK_037_037a2e	0.125 0.0	0.125 0.0	0.125 0.0	0.032 26.8	7.0	0.468	0.339	0.872	0.0	0.468	0.339
85	B1IK_050_050a2e	0.125 0.0	0.125 0.0	0.125 0.0	0.032 26.8	7.0	0.468	0.339	0.872	0.0	0.468	0.339
86	BOYR_062_062a2e	0.125 0.0	0.125 0.0	0.125 0.0	0.032 26.8	7.0	0.468	0.339	0.872	0.0	0.468	0.339
87	BOYR_075_075a2e	0.125 0.0	0.125 0.0	0.125 0.0	0.032 26.8	7.0	0.468	0.339	0.872	0.0	0.468	0.339
88	BOYR_087_087a2e	0.125 0.0	0.125 0.0	0.125 0.0	0.032 26.8	7.0	0.468	0.339	0.872	0.0	0.468	0.339
89	BOYR_100_100a2e	0.125 0.0	0.125 0.0	0.125 0.0	0.032 26.8	7.0	0.468	0.339	0.872	0.0	0.468	0.339
90	YOOC_012_012a2e	0.125 0.0	0.125 0.0	0.125 0.0	0.032 26.8	7.0	0.468	0.339	0.872	0.0	0.468	0.339
91	BOYR_025_012a2e	0.125 0.0	0.125 0.0	0.125 0.0	0.032 26.8	7.0	0.468	0.339	0.872	0.0	0.468	0.339
92	BOYR_037_025a2e	0.125 0.0	0.125 0.0	0.125 0.0	0.032 26.8	7.0	0.468	0.339	0.872	0.0	0.468	0.339
93	BOYR_050_037a2e	0.125 0.0	0.125 0.0	0.125 0.0	0.032 26.8	7.0	0.468	0.339	0.872	0.0	0.468	0.339
94	BOYR_062_050a2e	0.125 0.0	0.125 0.0	0.125 0.0	0.032 26.8	7.0	0.468	0.339	0.872	0.0	0.468	0.339
95	BOYR_075_062a2e	0.125 0.0	0.125 0.0	0.125 0.0	0.032 26.8	7.0	0.468	0.339	0.872	0.0	0.468	0.339
96	BOYR_087_075a2e	0.125 0.0	0.125 0.0	0.125 0.0	0.032 26.8	7.0	0.468	0.339	0.872	0.0	0.468	0.339
97	BOYR_100_087a2e	0.125 0.0	0.125 0.0	0.125 0.0	0.032 26.8	7.0	0.468	0.339	0.872	0.0	0.468	0.339
98	BOYR_100_087a2e	0.125 0.0	0.125 0.0	0.125 0.0	0.032 26.8	7.0	0.468	0.339	0.872	0.0	0.468	0.339
99	YOOC_025_025a2e	0.125 0.0	0.125 0.0	0.125 0.0	0.032 26.8	7.0	0.468	0.339	0.872	0.0	0.468	0.339
100	YOOC_025_012a2e	0.125 0.0	0.125 0.0	0.125 0.0	0.032 26.8	7.0	0.468	0.339	0.872	0.0	0.468	0.339
101	YOOC_025_012a2e	0.125 0.0	0.125 0.0	0.125 0.0	0.032 26.8	7.0	0.468	0.339	0.872	0.0	0.468	0.339
102	G53E_037_037a2e	0.125 0.0	0.125 0.0	0.125 0.0	0.032 26.8	7.0	0.468	0.339	0.872	0.0	0.468	0.339
103	G84B_062_037a2e	0.125 0.0	0.125 0.0	0.125 0.0	0.032 26.8	7.0	0.468	0.339	0.872	0.0	0.468	0.339
104	G88B_062_037a2e	0.125 0.0	0.125 0.0	0.125 0.0	0.032 26.8	7.0	0.468	0.339	0.872	0.0	0.468	0.339
105	G88B_075_062a2e	0.125 0.0	0.125 0.0	0.125 0.0	0.032 26.8	7.0	0.468	0.339	0.872	0.0	0.468	0.339
106	G93B_100_087a2e	0.125 0.0	0.125 0.0	0.125 0.0	0.032 26.8	7.0	0.468	0.339	0.872	0.0	0.468	0.339
107	G93B_100_087a2e	0.125 0.0	0.125 0.0	0.125 0.0	0.032 26.8	7.0	0.468	0.339	0.872	0.0	0.468	0.339
108	Y86C_037_037a2e	0.125 0.0	0.125 0.0	0.125 0.0	0.032 26.8	7.0	0.468	0.339	0.872	0.0	0.468	0.339
109	G08B_037_025a2e	0.125 0.0	0.125 0.0	0.125 0.0	0.032 26.8	7.0	0.468	0.339	0.872	0.0	0.468	0.339
110	G53B_037_025a2e	0.125 0.0	0.125 0.0	0.125 0.0	0.032 26.8	7.0	0.468	0.339	0.872	0.0	0.468	0.339
111	G53B_050_037a2e	0.125 0.0	0.125 0.0	0.125 0.0	0.032 26.8	7.0	0.468	0.339	0.872	0.0	0.468	0.339
112	G53B_050_037a2e	0.125 0.0	0.125 0.0	0.125 0.0	0.032 26.8	7.0	0.468	0.339	0.872	0.0	0.468	0.339
113	G75B_062_050a2e	0.125 0.0	0.125 0.0	0.125 0.0	0.032 26.8	7.0	0.468	0.339	0.872	0.0	0.468	0.339
114	G84B_087_050a2e	0.125 0.0	0.125 0.0	0.125 0.0	0.032 26.8	7.0	0.468	0.339	0.872	0.0	0.468	0.339
115	G84B_087_050a2e	0.125 0.0	0.125 0.0	0.125 0.0	0.032 26.8	7.0	0.468	0.339	0.872	0.0	0.468	0.339
116	Y76G_050_050a2e	0.125 0.0	0.125 0.0	0.125 0.0	0.032 26.8	7.0	0.468	0.339	0.872	0.0	0.468	0.339
117	Y76G_050_050a2e	0.125 0.0	0.125 0.0	0.125 0.0	0.032 26.8	7.0	0.468	0.339	0.872	0.0	0.468	0.339
118	G15B_050_037a2e	0.125 0.0	0.125 0.0	0.125 0.0	0.032 26.8	7.0	0.468	0.339	0.872	0.0	0.468	0.339
119	G15B_050_037a2e	0.125 0.0	0.125 0.0	0.125 0.0	0.032 26.8	7.0	0.468	0.339	0.872	0.0	0.468	0.339
120	G34B_050_037a2e	0.125 0.0	0.125 0.0	0.125 0.0	0.032 26.8	7.0	0.468	0.339	0.872	0.0	0.468	0.339
121	G34B_050_037a2e	0.125 0.0	0.125 0.0	0.125 0.0	0.032 26.8	7.0	0.468	0.339	0.872	0.0	0.468	0.339
122	G61B_062_050a2e	0.125 0.0	0.125 0.0	0.125 0.0	0.032 26.8	7.0	0.468	0.339	0.872	0.0	0.468	0.339
123	G61B_062_050a2e	0.125 0.0	0.125 0.0	0.125 0.0	0.032 26.8	7.0	0.468	0.339	0.872	0.0	0.468	0.339
124	G75B_087_050a2e	0.125 0.0	0.125 0.0	0.125 0.0	0.032 26.8	7.0	0.468	0.339	0.872	0.0	0.468	0.339
125	G75B_087_050a2e	0.125 0.0	0.125 0.0	0.125 0.0	0.032 26.8	7.0	0.468	0.339	0.872	0.0	0.468	0.339
126	Y81G_062_062a2e	0.125 0.0	0.125 0.0	0.125 0.0	0.032 26.8	7.0	0.468	0.339	0.872	0.0	0.468	0.339
127	G11B_062_050a2e	0.125 0.0	0.125 0.0	0.125 0.0	0.032 26.8	7.0	0.468	0.339	0.872	0.0	0.468	0.339
128	G11B_062_050a2e	0.125 0.0	0.125 0.0	0.125 0.0	0.032 26.8	7.0	0.468	0.339	0.872	0.0	0.468	0.339
129	G38B_062_050a2e	0.125 0.0	0.125 0.0	0.125 0.0	0.032 26.8	7.0	0.468	0.339	0.872	0.0	0.468	0.339
130	G38B_062_050a2e	0.125 0.0	0.125 0.0	0.125 0.0	0.032 26.8	7.0	0.468	0.339	0.872	0.0	0.468	0.339
131	G59B_075_062a2e	0.125 0.0	0.125 0.0	0.125 0.0	0.032 26.8	7.0	0.468	0.339	0.872	0.0	0.468	0.339
132	G59B_075_062a2e	0.125 0.0	0.125 0.0	0.125 0.0	0.032 26.8	7.0	0.468	0.339	0.872	0.0	0.468	0.339
133	G65B_087_062a2e	0.125 0.0	0.125 0.0	0.125 0.0	0.032 26.8	7.0	0.468	0.339	0.872	0.0	0.468	0.339
134	G65B_087_062a2e	0.125 0.0	0.125 0.0	0.125 0.0	0.032 26.8	7.0	0.468	0.339	0.872	0.0	0.468	0.339
135	Y85G_075_075a2e	0.125 0.0	0.125 0.0	0.125 0.0	0.032 26.8	7.0	0.468	0.339	0.872	0.0	0.468	0.339
136	G08B_075_062a2e	0.125 0.0	0.125 0.0	0.125 0.0	0.032 26.8	7.0	0.468	0.339	0.872	0.0	0.468	0.339
137	G08B_075_062a2e	0.125 0.0	0.125 0.0	0.125 0.0	0.032 26.8	7.0	0.468	0.339	0.872	0.0	0.468	0.339
138	G08B_075_062a2e	0.125 0.0	0.125 0.0	0.125 0.0	0.032 26.8	7.0	0.468	0.339	0.872	0.0	0.468	0.339
139	G08B_075_062a2e	0.125 0.0	0.125 0.0	0.125 0.0	0.032 26.8	7.0	0.468	0.339	0.872	0.0	0.468	0.339
140	G08B_075_062a2e	0.125 0.0	0.125 0.0	0.125 0.0	0.032 26.8	7.0	0.468	0.339	0.872	0.0	0.468	0.339
141	G08B_075_062a2e	0.125 0.0	0.125 0.0	0.125 0.0	0.032 26.8	7.0	0.468	0.339	0.872	0.0	0.468	0.339
142	G57B_087_075a2e	0.125 0.0	0.125 0.0	0.125 0.0	0.032 26.8	7.0	0.468	0.339	0.872	0.0	0.468	0.339
143	G57B_087_075a2e	0.125 0.0	0.125 0.0	0.125 0.0	0.032 26.8	7.0	0.468	0.339	0.872	0.0	0.468	0.339
144	Y86C_087_075a2e	0.125 0.0	0.125 0.0	0.125 0.0	0.032 26.8	7.0	0.468	0.339	0.872	0.0	0.468	0.339
145	G07B_087_075a2e	0.125 0.0	0.125 0.0	0.125 0.0	0.032 26.8	7.0	0.468	0.339	0.872	0.0	0.468	0.339
146	G07B_087_075a2e	0.125 0.0	0.125 0.0	0.125 0.0	0.032 26.8	7.0	0.468	0.339	0.872	0.0	0.468	0.339
147	G15B_087_075a2e	0.125 0.0	0.125 0.0	0.125 0.0	0.032 26.8	7.0	0.468	0.339	0.872	0.0	0.468	0.339
148	G15B_087_075a2e	0.125 0.0	0.125 0.0	0.125 0.0	0.032 26.8	7.0	0.468	0.339	0.872	0.0	0.468	0.339
149	G34B_087_075a2e	0.125 0.0	0.125 0.0	0.125 0.0	0.032 26.8	7.0	0.468	0.339	0.872	0.0	0.468	0.339
150	G34B_087_075a2e	0.125 0.0	0.125 0.0	0.125 0.0	0.032 26.8	7.0	0.468	0.339	0.872	0.0	0.468	0.339
151	G56B_100_100a2e	0.125 0.0	0.125 0.0	0.125 0.0	0.032 26.8	7.0	0.468	0.339	0.872	0.0	0.468	0.339
152	G56B_100_100a2e	0.125 0.0	0.125 0.0	0.125 0.0	0.032 26.8	7.0	0.468	0.339	0.872	0.0	0.468	0.339
153	Y88C_100_100a2e	0.125 0.0	0.125 0.0	0.125 0.0	0.032 26.8	7.0	0.468	0.339	0.872	0.0	0.468	0.339
154	G06B_100_087a2e	0.125 0.0	0.125 0.0	0.125 0.0	0.032 26.8	7.0	0.468	0.339	0.872	0.0	0.468	0.339
155	G06B_100_087a2e	0.125 0.0	0.125 0.0	0.125 0.0	0.032 26.8	7.0	0.468	0.339	0.872	0.0	0.468	0.339
156	G13B_100_087a2e	0.125 0.0	0.125 0.0	0.125 0.0	0.032 26.8	7.0	0.468	0.339	0.872	0.0	0.468	0.339
157	G20B_100_087a2e	0.125 0.0	0.125 0.									

<http://farbe.li.tu-berlin.de/PI89/PI89L0FP.PDF /.PS>; linearizzazione 3D
F: linearizzazione 3D PI89/PI89L30FP.DAT nel file (F), pagine 22/33

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

n	HC*File	rgb_Rate	iet_File	hsa_Rate	rgb*File	LabCM*File	cmyk*_sep_Rate	hsa_De	rgb*File	LabCM*File	delta
162	ROOY_025_025de	0.25	0.0	0.25	0.0	29.7	14.0	0.596	0.435	0.728	0.0
163	ROOY_025_025de	0.25	0.0	0.25	0.0	30.2	14.0	0.581	0.194	0.737	0.0
164	B50R_025_025de	0.25	0.0	0.25	0.0	26.8	11.6	0.522	0.0	0.817	0.0
165	B34R_025_025de	0.25	0.0	0.25	0.0	27.5	12.3	0.584	0.0	0.876	0.0
166	B25K_050_050de	0.25	0.0	0.5	0.25	20.9	24.2	0.675	0.0	0.765	0.0
167	B19K_062_062de	0.25	0.0	0.625	0.312	29.3	29.3	0.704	0.0	0.827	0.0
168	B15K_075_075de	0.25	0.0	0.75	0.375	28.9	28.9	0.615	0.0	0.759	0.0
169	B13K_087_087de	0.25	0.0	0.875	0.437	28.6	28.6	0.789	0.0	0.856	0.0
170	BL1R_100_100de	0.25	0.0	1.0	0.5	28.4	28.4	0.865	0.0	0.917	0.0
171	RSOY_025_025de	0.25	0.125	0.0	0.25	33.3	33.3	0.459	0.0	0.633	0.0
172	RSOY_025_012de	0.25	0.125	0.0	0.25	34.6	34.6	0.323	0.0	0.466	0.0
173	B50R_025_012de	0.25	0.125	0.187	0.30	33.0	33.0	0.238	0.0	0.323	0.0
174	B25K_025_012de	0.25	0.125	0.375	0.25	30.7	30.7	0.328	0.0	0.466	0.0
175	B15K_037_025de	0.25	0.125	0.375	0.25	36.2	36.2	0.386	0.0	0.539	0.0
176	B13K_050_025de	0.25	0.125	0.5	0.375	34.1	34.1	0.466	0.0	0.633	0.0
177	BO9K_087_062de	0.25	0.125	0.625	0.312	28.1	28.1	0.584	0.0	0.827	0.0
178	BO9K_087_050de	0.25	0.125	0.75	0.375	28.4	28.4	0.466	0.0	0.633	0.0
179	BO6K_100_087de	0.25	0.125	1.0	0.875	27.8	27.8	0.633	0.0	0.827	0.0
180	YO6G_025_025de	0.25	0.25	0.0	0.25	43.0	43.0	0.185	0.0	0.264	0.0
181	YO6G_025_012de	0.25	0.25	0.0	0.25	40.3	40.3	0.122	0.0	0.177	0.0
182	NW_025de	0.25	0.25	0.25	0.25	41.8	41.8	0.0	0.0	0.0	0.0
183	BO9K_037_012de	0.25	0.25	0.375	0.25	36.0	36.0	0.066	0.0	0.092	0.0
184	BO9K_062_012de	0.25	0.25	0.375	0.25	45.2	45.2	0.161	0.0	0.219	0.0
185	BO9K_062_019de	0.25	0.25	0.625	0.312	27.0	27.0	0.188	0.0	0.264	0.0
186	BO9K_075_019de	0.25	0.25	0.625	0.312	27.0	27.0	0.188	0.0	0.264	0.0
187	BO9K_075_025de	0.25	0.25	0.75	0.375	48.5	48.5	0.254	0.0	0.398	0.0
188	BO9K_100_075de	0.25	0.25	1.0	0.875	50.2	50.2	0.341	0.0	0.466	0.0
189	Y1G_037_037de	0.25	0.375	0.0	0.375	44.5	44.5	0.077	0.0	0.107	0.0
190	Y50G_037_025de	0.25	0.375	0.0	0.375	48.0	48.0	0.173	0.0	0.238	0.0
191	GO9B_037_012de	0.25	0.375	0.125	0.312	44.6	44.6	0.085	0.0	0.119	0.0
192	GO9B_037_012de	0.25	0.375	0.125	0.312	45.7	45.7	0.085	0.0	0.119	0.0
193	G75B_050_025de	0.25	0.375	0.5	0.375	48.8	48.8	0.136	0.0	0.194	0.0
194	G75B_050_025de	0.25	0.375	0.5	0.375	51.1	51.1	0.136	0.0	0.194	0.0
195	G88B_075_050de	0.25	0.375	0.625	0.312	45.0	45.0	0.241	0.0	0.383	0.0
196	G88B_075_050de	0.25	0.375	0.625	0.312	45.0	45.0	0.241	0.0	0.383	0.0
197	G92B_100_075de	0.25	0.375	1.0	0.875	53.7	53.7	0.466	0.0	0.633	0.0
198	Y50G_050_050de	0.25	0.5	0.0	0.5	47.4	47.4	0.052	0.0	0.066	0.0
199	Y68G_050_037de	0.25	0.5	0.125	0.312	46.3	46.3	0.075	0.0	0.107	0.0
200	GO9B_050_037de	0.25	0.5	0.25	0.375	49.6	49.6	0.062	0.0	0.085	0.0
201	G25B_050_025de	0.25	0.5	0.25	0.375	18.0	18.0	0.249	0.0	0.383	0.0
202	G25B_050_025de	0.25	0.5	0.25	0.375	20.0	20.0	0.249	0.0	0.383	0.0
203	G65B_062_037de	0.25	0.5	0.5	0.5	49.6	49.6	0.062	0.0	0.085	0.0
204	G65B_062_037de	0.25	0.5	0.5	0.5	49.6	49.6	0.062	0.0	0.085	0.0
205	G65B_062_037de	0.25	0.5	0.5	0.5	49.6	49.6	0.062	0.0	0.085	0.0
206	G84B_100_075de	0.25	0.5	1.0	0.875	56.2	56.2	0.241	0.0	0.383	0.0
207	Y61G_062_062de	0.25	0.625	0.0	0.625	42.1	42.1	0.122	0.0	0.158	0.0
208	Y16G_062_050de	0.25	0.625	0.125	0.312	42.7	42.7	0.122	0.0	0.158	0.0
209	GO9B_062_075de	0.25	0.625	0.375	0.375	50.9	50.9	0.238	0.0	0.328	0.0
210	G15B_062_037de	0.25	0.625	0.375	0.375	43.7	43.7	0.238	0.0	0.328	0.0
211	G34B_062_037de	0.25	0.625	0.375	0.375	43.7	43.7	0.238	0.0	0.328	0.0
212	GO9B_062_037de	0.25	0.625	0.625	0.312	43.7	43.7	0.238	0.0	0.328	0.0
213	GO9B_062_037de	0.25	0.625	0.625	0.312	43.7	43.7	0.238	0.0	0.328	0.0
214	GO9B_062_037de	0.25	0.625	0.625	0.312	43.7	43.7	0.238	0.0	0.328	0.0
215	G75B_100_075de	0.25	0.75	0.0	0.75	62.7	62.7	0.175	0.0	0.238	0.0
216	Y68G_100_075de	0.25	0.75	0.0	0.75	62.7	62.7	0.175	0.0	0.238	0.0
217	Y81G_075_062de	0.25	0.75	0.125	0.312	53.5	53.5	0.311	0.0	0.466	0.0
218	Y81G_075_062de	0.25	0.75	0.125	0.312	53.5	53.5	0.311	0.0	0.466	0.0
219	G15B_075_050de	0.25	0.75	0.25	0.375	36.8	36.8	0.238	0.0	0.328	0.0
220	G34B_075_050de	0.25	0.75	0.25	0.375	36.8	36.8	0.238	0.0	0.328	0.0
221	G38B_075_050de	0.25	0.75	0.5	0.5	49.8	49.8	0.077	0.0	0.107	0.0
222	G38B_075_050de	0.25	0.75	0.5	0.5	49.8	49.8	0.077	0.0	0.107	0.0
223	GO9B_087_062de	0.25	0.75	0.5	0.5	21.0	21.0	0.238	0.0	0.328	0.0
224	G65B_087_062de	0.25	0.75	0.5	0.5	21.0	21.0	0.238	0.0	0.328	0.0
225	Y81G_087_075de	0.25	0.75	1.0	0.875	60.6	60.6	0.088	0.0	0.119	0.0
226	Y81G_087_075de	0.25	0.75	1.0	0.875	60.6	60.6	0.088	0.0	0.119	0.0
227	GO9B_087_075de	0.25	0.75	1.0	0.875	60.6	60.6	0.088	0.0	0.119	0.0
228	GO9B_087_062de	0.25	0.75	0.5	0.5	61.2	61.2	0.088	0.0	0.119	0.0
229	G19B_087_062de	0.25	0.75	0.5	0.5	61.2	61.2	0.088	0.0	0.119	0.0
230	G40B_087_062de	0.25	0.75	0.625	0.312	48.7	48.7	0.238	0.0	0.328	0.0
231	G40B_087_062de	0.25	0.75	0.625	0.312	48.7	48.7	0.238	0.0	0.328	0.0
232	G40B_087_062de	0.25	0.75	0.625	0.312	48.7	48.7	0.238	0.0	0.328	0.0
233	G57B_100_075de	0.25	0.875	0.0	0.875	75.0	75.0	0.088	0.0	0.119	0.0
234	Y86G_100_087de	0.25	1.0	0.0	1.0	64.5	64.5	0.227	0.0	0.328	0.0
235	Y86G_100_087de	0.25	1.0	0.0	1.0	64.5	64.5	0.227	0.0	0.328	0.0
236	GO9B_100_075de	0.25	1.0	0.25	0.375	64.4	64.4	0.088	0.0	0.119	0.0
237	GO9B_100_075de	0.25	1.0	0.25	0.375	64.4	64.4	0.088	0.0	0.119	0.0
238	G15B_100_075de	0.25	1.0	0.5	0.5	62.5	62.5	0.088	0.0	0.119	0.0
239	G25B_100_075de	0.25	1.0	0.625	0.312	48.7	48.7	0.238	0.0	0.328	0.0
240	G34B_100_075de	0.25	1.0	0.75	0.375	65.2	65.2	0.088	0.0	0.119	0.0
241	G42B_100_075de	0.25	1.0	0.75	0.375	65.2	65.2	0.088	0.0	0.119	0.0
242	G50B_100_075de	0.25	1.0	0.75	0.375	65.1	65.1	0.088	0.0	0.119	0.0

grafico TUB-PI89; cerchio delle tinte a 16 passi
colori e la differenza, ΔE^*

<http://farbe.li.tu-berlin.de/PI89/PI89LOFP.PDF /.PS; linearizzazione 3D>
F: linearizzazione 3D PI89/PI89L30FP.DAT nel file (F), pagine 26/33

grafico TUB-PI89; cerchio delle tinte a 16 passi
colori e la differenza, ΔE^*

n	HC*File	rgb*File	int*File	hsa*File	rgb*File	LabCM*File	cmyp*sep*File	hsa*File	rgb*File	LabCM*File	delta									
486	ROY0_075_075Se	0.75	0.75	0.375	0.75	0.0	0.0	0.884	0.66	0.266	0.66	0.0	0.263	47.5	56.0	26.7	62.1	25.4		
487	R35Y_075_075Se	0.75	0.75	0.375	381	0.75	0.0	0.882	0.516	0.264	0.516	0.0	0.423	47.5	57.8	15.9	60.1	15.4		
488	R18Y_075_075Se	0.75	0.25	0.375	370	0.75	0.0	0.875	0.373	0.265	0.373	0.0	0.588	47.9	61.1	4.6	61.2	4.3		
489	ROY0_075_075Se	0.75	0.5	0.375	360	0.75	0.0	0.875	0.264	0.264	0.264	0.0	0.827	49.4	65.5	-9.1	66.2	35.0		
490	B6SK_075_075Se	0.75	0.5	0.375	349	0.706	0.0	0.853	0.079	0.341	0.079	0.0	1.0	47.0	63.0	-14.9	64.7	34.6		
491	B57K_075_075Se	0.75	0.5	0.375	339	0.543	0.0	0.854	0.0	0.407	0.0	0.0	1.0	41.3	53.8	-22.7	58.4	33.7		
492	B48K_075_075Se	0.75	0.5	0.375	330	0.438	0.0	0.849	0.0	0.407	0.0	0.0	1.0	35.7	40.8	-28.5	54.7	32.8		
493	B43K_087_087Se	0.75	0.75	0.375	322	0.383	0.0	0.875	0.0	0.463	0.0	0.0	1.0	35.7	40.8	-33.0	52.4	32.1		
494	B38K_100_100Se	0.75	1.0	0.5	316	0.347	0.0	0.854	0.0	0.278	0.0	0.0	1.0	33.5	36.5	-36.1	51.4	31.5		
495	R15Y_075_075Se	0.75	1.0	0.5	309	0.75	0.021	0.0	0.873	0.0	0.0	0.0	1.0	0.028	40.6	46.6	40.4	69.6		
496	ROY0_075_062Se	0.75	0.75	0.625	307	0.75	0.125	0.289	0.47	0.35	0.0	0.0	1.0	0.263	47.5	56.0	26.7	62.1		
497	ROY0_075_062Se	0.75	0.75	0.625	307	0.75	0.125	0.289	0.47	0.35	0.0	0.0	1.0	0.263	47.5	56.0	26.7	62.1		
498	R11Y_075_062Se	0.75	0.125	0.375	307	0.75	0.125	0.289	0.47	0.35	0.0	0.0	1.0	0.263	47.5	56.0	26.7	62.1		
499	B69K_075_062Se	0.75	0.125	0.375	307	0.75	0.125	0.289	0.47	0.35	0.0	0.0	1.0	0.263	47.5	56.0	26.7	62.1		
500	B59K_075_062Se	0.75	0.125	0.375	307	0.598	0.125	0.289	0.47	0.35	0.0	0.0	1.0	0.263	47.5	56.0	26.7	62.1		
501	B59K_075_062Se	0.75	0.125	0.375	307	0.49	0.125	0.289	0.47	0.35	0.0	0.0	1.0	0.263	47.5	56.0	26.7	62.1		
502	B42K_087_075Se	0.75	0.125	0.375	307	0.441	0.125	0.289	0.47	0.35	0.0	0.0	1.0	0.263	47.5	56.0	26.7	62.1		
503	B36K_100_087Se	0.75	0.125	0.375	307	0.407	0.125	0.289	0.47	0.35	0.0	0.0	1.0	0.263	47.5	56.0	26.7	62.1		
504	R18Y_075_062Se	0.75	0.25	0.375	49	0.75	0.132	0.0	46.9	36.8	39.0	53.7	46.6	0.0	0.755	0.897	0.0	54.6	49.1	
505	R18Y_075_062Se	0.75	0.25	0.375	49	0.75	0.132	0.0	46.9	36.8	39.0	53.7	46.6	0.0	0.755	0.897	0.0	54.6	49.1	
506	R26Y_075_050Se	0.75	0.25	0.375	41	0.75	0.163	0.125	49.0	55.0	27.1	44.3	37.7	0.0	0.618	0.428	0.251	31.0	25.4	
507	R26Y_075_050Se	0.75	0.25	0.375	41	0.75	0.25	0.381	53.8	29.5	5.1	29.9	9.9	0.0	0.618	0.428	0.251	31.0	25.4	
508	ROY0_075_050Se	0.75	0.25	0.375	41	0.75	0.25	0.381	53.8	29.5	5.1	29.9	9.9	0.0	0.618	0.428	0.251	31.0	25.4	
509	ROY0_075_050Se	0.75	0.25	0.375	41	0.662	0.25	0.75	52.0	29.1	-9.5	30.6	34.8	0.0	0.561	0.051	0.0	44.1	65.5	
510	B30K_075_050Se	0.75	0.25	0.375	41	0.542	0.25	0.75	49.1	23.3	-14.2	32.8	0.0	0.384	0.0	0.0	38.5	46.7		
511	B34K_100_075Se	0.75	0.25	0.375	41	0.484	0.25	0.75	48.1	23.3	-14.2	32.8	0.0	0.384	0.0	0.0	38.5	46.7		
512	B34K_100_075Se	0.75	0.25	0.375	41	0.464	0.25	0.75	47.9	23.4	-14.2	32.8	0.0	0.384	0.0	0.0	38.5	46.7		
513	R38Y_075_050Se	0.75	0.5	0.375	41	0.75	0.268	0.0	52.3	26.4	43.6	51.8	58.8	0.0	0.632	0.893	0.0	61.8	58.8	
514	R38Y_075_062Se	0.75	0.5	0.375	41	0.75	0.268	0.0	52.3	26.4	43.6	51.8	58.8	0.0	0.632	0.893	0.0	61.8	58.8	
515	R23Y_075_050Se	0.75	0.375	0.562	33	0.75	0.304	0.25	57.4	23.8	36.3	25.4	35	0.0	0.501	0.579	0.0	41.0	41.0	
516	R23Y_075_050Se	0.75	0.375	0.562	33	0.75	0.304	0.25	57.4	23.8	36.3	25.4	35	0.0	0.501	0.579	0.0	41.0	41.0	
517	R18Y_075_037Se	0.75	0.375	0.562	349	0.75	0.375	0.595	59.8	23.9	22.9	4.2	24.2	0.0	0.489	0.219	0.255	47.9	61.2	
518	B69K_075_037Se	0.75	0.375	0.562	349	0.75	0.375	0.595	59.8	23.9	22.9	4.2	24.2	0.0	0.489	0.219	0.255	47.9	61.2	
519	B59K_075_037Se	0.75	0.375	0.562	349	0.594	0.375	0.595	56.3	17.5	-10.7	20.5	32.6	0.0	0.462	0.092	0.296	62.1	25.4	
520	B38K_087_050Se	0.75	0.375	0.562	316	0.548	0.375	0.595	56.3	17.5	-10.7	20.5	32.6	0.0	0.462	0.092	0.296	62.1	25.4	
521	R69Y_075_050Se	0.75	1.0	0.625	307	0.522	0.375	1.0	57.6	18.6	-24.8	31.0	306.8	0.0	0.401	0.0	0.266	62.1	25.4	
522	R69Y_075_050Se	0.75	1.0	0.625	307	0.522	0.375	1.0	57.6	18.6	-24.8	31.0	306.8	0.0	0.401	0.0	0.266	62.1	25.4	
523	R61Y_075_062Se	0.75	0.5	0.625	437	0.75	0.35	0.0	55.6	16.6	48.6	51.4	71.1	0.0	0.483	0.872	0.0	69.7	68.5	
524	R30Y_075_050Se	0.75	0.5	0.625	437	0.75	0.309	0.125	59.4	16.7	38.9	24.2	66.6	0.0	0.473	0.731	0.0	66.3	66.6	
525	R30Y_075_050Se	0.75	0.5	0.625	437	0.75	0.309	0.125	59.4	16.7	38.9	24.2	66.6	0.0	0.473	0.731	0.0	66.3	66.6	
526	R31Y_075_037Se	0.75	0.5	0.375	0.562	49	0.75	0.409	0.25	60.8	17.6	29.2	34.1	58.8	0.0	0.476	0.613	0.22	61.8	58.8
527	ROY0_075_025Se	0.75	0.5	0.625	390	0.75	0.441	0.375	62.3	18.4	19.5	26.8	46.6	0.0	0.468	0.462	0.213	61.8	58.8	
528	B50K_075_025Se	0.75	0.5	0.625	390	0.75	0.5	0.565	65.7	14.0	6.6	15.5	25.4	0.0	0.348	0.249	0.256	62.1	25.4	
529	B34K_087_037Se	0.75	0.5	0.625	330	0.646	0.5	0.706	66.2	11.6	-2.2	16.5	35.2	0.0	0.332	0.107	0.263	62.1	25.4	
530	B25K_100_050Se	0.75	1.0	0.625	300	0.607	0.5	0.875	65.5	11.6	-7.1	13.6	32.6	0.0	0.329	0.0	0.266	62.1	25.4	
531	R85Y_075_075Se	0.75	1.0	0.625	300	0.569	0.5	1.0	62.9	12.2	-20.9	18.9	310.5	0.0	0.372	0.0	0.167	62.1	25.4	
532	R85Y_075_075Se	0.75	1.0	0.625	300	0.569	0.5	1.0	62.9	12.2	-20.9	18.9	310.5	0.0	0.372	0.0	0.167	62.1	25.4	
533	R81Y_075_062Se	0.75	0.75	0.625	437	0.75	0.481	0.0	62.9	7.4	53.8	54.3	82.2	0.0	0.348	0.853	0.261	64.2	70.1	
534	R76Y_075_050Se	0.75	0.75	0.625	437	0.75	0.525	0.25	66.0	8.0	34.1	35.0	76.7	0.0	0.336	0.619	0.236	64.2	70.1	
535	R69Y_075_037Se	0.75	0.375	0.562	71	0.75	0.55	0.375	67.7	8.3	24.3	25.7	71.1	0.0	0.331	0.329	0.241	64.2	70.1	
536	ROY0_075_025Se	0.75	0.25	0.625	60	0.75	0.579	0.5	69.3	8.8	14.6	17.0	58.8	0.0	0.185	0.15	0.277	64.2	70.1	
537	B50K_075_012Se	0.75	0.625	0.625	390	0.659	0.625	0.625	71.8	7.0	3.3	7.7	25.4	0.0	0.119	0.001	0.336	64.2	70.1	
538	B25K_087_012Se	0.75	0.625	0.625	330	0.609	0.625	0.625	71.8	7.0	3.3	7.7	25.4	0.0	0.119	0.001	0.336	64.2	70.1	
539	B13K_100_037Se	0.75	0.625	0.625	289	0.625	0.625	0.625	70.7	6.0	-16.8	17.8	289.7	0.0	0.188	0.0	0.26	64.2	70.1	
540	Y06G_075_075Se	0.75	0.75	0.75	90	0.75	0.576	0.0	68.7	-2.3	57.6	57.6	92.3	0.0	0.2	0.0	0.137	64.2	70.1	
541	Y06G_075_062Se	0.75	0.75	0.625	90	0.75	0.605	0.125	70.2	-1.9	48.0	48.0	92.3	0.0	0.196	0.0	0.137	64.2	70.1	
542	Y06G_075_050Se	0.75	0.75	0.5	90	0.75	0.624	0.25	71.7	-1.3	38.4	38.4	92.3	0.0	0.184	0.0	0.137	64.2	70.1	
543	Y06G_075_037Se	0.75	0.75	0.375	90	0.75	0.692	0.5	72.1	0.7	28.5	28.5	92.3	0.0	0.175	0.0	0.137	64.2	70.1	
544	Y06G_075_025Se	0.75	0.75	0.25	90	0.75	0.692	0.5	72.1	0.7	19.2	19.2	92.3	0.0	0.175	0.0	0.137	64.2	70.1	
545	Y06G_075_012Se	0.75	0.75	0.125	90	0.75	0.721	0.625	76.3	-0.7	9.6	9.6	92.3	0.0	0.166	0.0	0.137	64.2	70.1	
546	ROY0_075_012Se	0.75	0.75	0.125	360	0.75	0.75	0.75	77.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
547	ROY0_075_012Se	0.75	0.75	0.125	360	0.75	0.75	0.75	77.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
548	ROY0_075_012Se	0.75	0.75	0.125	360	0.75	0.75	0.75	77.8	0.0	0.									

<http://farbe.li.tu-berlin.de/PI89/PI89L0FP.PDF /.PS>; linearizzazione 3D
F: linearizzazione 3D PI89/PI89L30FP.DAT nel file (F), pagine 27/33

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

n	HC*File	rgb_Role	icc_File	hsa_File	rgb*File	LabCM*File	cmyk*_sep_Role	hsa*File	rgb*File	LabCM*File	delta
567	R00Y_087_087Ae	0.875 0.0	0.875 0.875 0.437	390	0.875 0.0	44.5 49.0	0.0 0.928	0.7	0.0 0.263	47.5 56.0	25.4
568	R36Y_087_087Ae	0.875 0.0	0.875 0.875 0.437	382	0.875 0.0	44.5 49.0	0.0 0.927	0.568	1.0 0.0 0.408	47.5 56.0	16.5
569	R23Y_087_087Ae	0.875 0.0	0.875 0.875 0.437	374	0.875 0.0	44.5 49.0	0.0 0.923	0.446	1.0 0.0 0.536	47.5 56.0	7.6
570	B70K_087_087Ae	0.875 0.0	0.875 0.875 0.437	365	0.875 0.0	44.5 49.0	0.0 0.905	0.289	1.0 0.0 0.695	47.5 56.0	357.6
571	B70K_087_087Ae	0.875 0.0	0.875 0.875 0.437	355	0.875 0.0	44.5 49.0	0.0 0.905	0.196	1.0 0.0 0.818	47.5 56.0	66.0
572	B63K_087_087Ae	0.875 0.0	0.875 0.875 0.437	346	0.875 0.0	44.5 49.0	0.0 0.903	0.004	1.0 0.0 0.818	47.5 56.0	357.6
573	B56K_087_087Ae	0.875 0.0	0.875 0.875 0.437	338	0.875 0.0	44.5 49.0	0.0 0.903	0.004	1.0 0.0 0.818	47.5 56.0	66.0
574	B50K_087_087Ae	0.875 0.0	0.875 0.875 0.437	330	0.875 0.0	44.5 49.0	0.0 0.918	0.0	1.0 0.0 0.818	47.5 56.0	357.6
575	B44K_100_100Ae	0.875 0.0	1.0 1.0 0.5	323	0.845 0.0	45.1 50.4	0.0 0.921	0.0	1.0 0.0 0.818	47.5 56.0	321.9
576	R10Y_087_087Ae	0.875 0.125	0.875 0.875 0.437	380	0.875 0.011	45.1 50.4	0.0 0.93	0.924	1.0 0.0 0.012	47.5 56.0	69.1
577	R00Y_087_075Ae	0.875 0.125	0.875 0.75 0.5	391	0.875 0.125	44.5 49.8	0.0 0.778	0.527	1.0 0.0 0.263	47.5 56.0	26.7
578	R35Y_087_075Ae	0.875 0.125	0.875 0.75 0.5	381	0.875 0.125	44.5 49.8	0.0 0.774	0.416	1.0 0.0 0.423	47.5 56.0	62.1
579	R10Y_087_075Ae	0.875 0.125	0.875 0.75 0.5	371	0.875 0.125	44.5 49.8	0.0 0.769	0.298	1.0 0.0 0.588	47.5 56.0	15.9
580	R10Y_087_075Ae	0.875 0.125	0.875 0.75 0.5	360	0.875 0.125	44.5 49.8	0.0 0.764	0.188	1.0 0.0 0.827	47.5 56.0	61.2
581	B65K_087_075Ae	0.875 0.125	0.875 0.75 0.5	349	0.831 0.125	45.2 50.9	0.0 0.756	0.054	1.0 0.0 0.827	47.5 56.0	61.2
582	B57K_087_075Ae	0.875 0.125	0.875 0.75 0.5	339	0.868 0.125	45.2 50.9	0.0 0.756	0.054	1.0 0.0 0.827	47.5 56.0	61.2
583	B50K_087_075Ae	0.875 0.125	0.875 0.75 0.5	330	0.863 0.125	45.2 50.9	0.0 0.756	0.054	1.0 0.0 0.827	47.5 56.0	61.2
584	B43K_100_100Ae	0.875 0.125	1.0 1.0 0.875	322	0.808 0.125	45.2 50.9	0.0 0.778	0.0	1.0 0.0 0.138	47.5 56.0	32.0
585	R26Y_087_087Ae	0.875 0.25 0.0	0.875 0.875 0.437	46	0.875 0.12 0.0	49.0 46.4	0.0 0.819	0.929	1.0 0.0 0.028	47.5 56.0	43.3
586	R15Y_087_075Ae	0.875 0.25 0.125	0.875 0.75 0.5	39	0.875 0.146 0.125	51.4 42.5	0.0 0.792	0.693	1.0 0.0 0.263	47.5 56.0	69.6
587	R00Y_087_062Ae	0.875 0.25 0.25	0.875 0.625 0.562	390	0.875 0.25 0.414	56.6 56.4	0.0 0.667	0.339	1.0 0.0 0.454	47.5 56.0	26.7
588	R31Y_087_062Ae	0.875 0.25 0.375	0.875 0.625 0.562	379	0.875 0.25 0.534	56.7 56.4	0.0 0.667	0.224	1.0 0.0 0.689	47.5 56.0	13.2
589	R11Y_087_062Ae	0.875 0.25 0.5	0.875 0.625 0.562	367	0.875 0.25 0.662	57.1 59.1	0.0 0.667	0.156	1.0 0.0 0.859	47.5 56.0	6.0
590	B09K_087_062Ae	0.875 0.25 0.625	0.875 0.625 0.562	353	0.875 0.25 0.812	57.2 61.2	0.0 0.657	0.0	1.0 0.0 0.859	47.5 56.0	6.0
591	B09K_087_062Ae	0.875 0.25 0.75	0.875 0.625 0.562	341	0.873 0.25 0.875	55.2 59.6	0.0 0.655	0.0	1.0 0.0 0.859	47.5 56.0	6.0
592	B20K_100_100Ae	0.875 0.25 1.0	0.875 0.75 0.875	326	0.846 0.25 1.0	56.8 59.2	0.0 0.659	0.0	1.0 0.0 0.859	47.5 56.0	6.0
593	B20K_100_100Ae	0.875 0.25 1.0	0.875 0.75 0.875	321	0.846 0.25 1.0	56.8 59.2	0.0 0.659	0.0	1.0 0.0 0.859	47.5 56.0	6.0
594	R11Y_087_075Ae	0.875 0.375 0.0	0.875 0.875 0.437	35	0.875 0.23 0.0	54.2 56.8	0.0 0.711	0.936	1.0 0.0 0.255	47.5 56.0	53.3
595	R11Y_087_075Ae	0.875 0.375 0.125	0.875 0.875 0.437	49	0.875 0.237 0.125	55.9 56.8	0.0 0.715	0.766	1.0 0.0 0.177	47.5 56.0	41.3
596	R18Y_087_062Ae	0.875 0.375 0.25	0.875 0.625 0.562	41	0.875 0.288 0.25	58.0 55.0	0.0 0.679	0.582	1.0 0.0 0.06	47.5 56.0	70.8
597	R00Y_087_050Ae	0.875 0.375 0.375	0.875 0.5 0.625	390	0.875 0.375 0.506	62.7 58.0	0.0 0.562	0.381	1.0 0.0 0.263	47.5 56.0	37.7
598	R26Y_087_050Ae	0.875 0.375 0.5	0.875 0.5 0.625	376	0.875 0.375 0.625	62.8 59.5	0.0 0.551	0.261	1.0 0.0 0.501	47.5 56.0	9.8
599	R00Y_087_050Ae	0.875 0.375 0.625	0.875 0.5 0.625	360	0.875 0.375 0.788	63.6 62.7	0.0 0.536	0.133	1.0 0.0 0.827	47.5 56.0	65.5
600	B61K_087_050Ae	0.875 0.375 0.75	0.875 0.5 0.625	344	0.867 0.375 0.875	61.0 59.1	0.0 0.493	0.021	1.0 0.0 0.827	47.5 56.0	65.5
601	B50K_087_050Ae	0.875 0.375 0.875	0.875 0.5 0.625	330	0.867 0.375 0.875	61.0 59.1	0.0 0.493	0.021	1.0 0.0 0.827	47.5 56.0	65.5
602	B40K_100_062Ae	0.875 0.375 1.0	1.0 0.625 0.687	319	0.817 0.375 1.0	57.5 54.2	0.0 0.528	0.16	1.0 0.0 0.384	47.5 56.0	38.7
603	R38Y_087_087Ae	0.875 0.5 0.0	0.875 0.875 0.437	65	0.875 0.336 0.0	59.5 64.4	0.0 0.423	0.201	1.0 0.0 0.177	47.5 56.0	71.1
604	R30Y_087_075Ae	0.875 0.5 0.125	0.875 0.625 0.562	53	0.875 0.364 0.125	61.5 58.8	0.0 0.423	0.154	1.0 0.0 0.319	47.5 56.0	60.9
605	R23Y_087_050Ae	0.875 0.5 0.375	0.875 0.5 0.625	44	0.875 0.393 0.25	62.7 61.4	0.0 0.378	0.12	1.0 0.0 0.511	47.5 56.0	68.2
606	R23Y_087_050Ae	0.875 0.5 0.5	0.875 0.5 0.625	44	0.875 0.429 0.375	64.6 67.4	0.0 0.353	0.084	1.0 0.0 0.827	47.5 56.0	68.2
607	R18Y_087_057Ae	0.875 0.5 0.5	0.875 0.375 0.687	390	0.875 0.429 0.375	64.6 67.4	0.0 0.353	0.084	1.0 0.0 0.108	47.5 56.0	68.2
608	R18Y_087_057Ae	0.875 0.5 0.5	0.875 0.375 0.687	371	0.875 0.5 0.72	68.8 72.9	0.0 0.433	0.28	1.0 0.0 0.108	47.5 56.0	68.2
609	B65K_087_037Ae	0.875 0.5 0.75	0.875 0.375 0.687	349	0.853 0.5 0.875	68.5 73.6	0.0 0.395	0.072	1.0 0.0 0.588	47.5 56.0	61.2
610	B58K_100_050Ae	0.875 0.5 0.875	0.875 0.375 0.687	330	0.871 0.5 0.875	68.5 73.6	0.0 0.395	0.072	1.0 0.0 0.588	47.5 56.0	61.2
611	B50K_087_037Ae	0.875 0.5 1.0	1.0 0.5 0.75	316	0.873 0.5 1.0	64.6 61.2	0.0 0.407	0.0	1.0 0.0 0.466	47.5 56.0	74.1
612	R73Y_087_087Ae	0.875 0.625 0.0	0.875 0.875 0.437	74	0.875 0.447 0.0	65.6 66.2	0.0 0.455	0.936	1.0 0.0 0.177	47.5 56.0	68.5
613	R65Y_087_075Ae	0.875 0.625 0.125	0.875 0.75 0.5	71	0.875 0.475 0.125	66.6 66.6	0.0 0.423	0.888	1.0 0.0 0.411	47.5 56.0	68.5
614	R61Y_087_062Ae	0.875 0.625 0.25	0.875 0.625 0.562	67	0.875 0.507 0.25	68.4 67.7	0.0 0.449	0.666	1.0 0.0 0.511	47.5 56.0	68.5
615	R50Y_087_050Ae	0.875 0.625 0.375	0.875 0.5 0.625	60	0.875 0.534 0.375	69.8 71.6	0.0 0.436	0.53	1.0 0.0 0.827	47.5 56.0	68.5
616	R31Y_087_057Ae	0.875 0.625 0.5	0.875 0.375 0.687	49	0.875 0.566 0.5	71.3 68.4	0.0 0.423	0.404	1.0 0.0 0.177	47.5 56.0	68.5
617	R00Y_087_025Ae	0.875 0.625 0.625	0.875 0.25 0.75	390	0.875 0.625 0.69	74.7 64.0	0.0 0.302	0.201	1.0 0.0 0.263	47.5 56.0	62.1
618	R00Y_087_025Ae	0.875 0.625 0.75	0.875 0.25 0.75	360	0.875 0.625 0.831	75.2 61.6	0.0 0.289	0.085	1.0 0.0 0.466	47.5 56.0	62.1
619	B34K_100_103Ae	0.875 0.625 1.0	1.0 0.375 0.812	311	0.732 0.625 1.0	71.8 62.3	0.0 0.143	0.165	1.0 0.0 0.319	47.5 56.0	71.6
620	R00Y_087_025Ae	0.875 0.625 1.0	1.0 0.375 0.812	311	0.732 0.625 1.0	71.8 62.3	0.0 0.143	0.165	1.0 0.0 0.319	47.5 56.0	71.6
621	R36Y_087_087Ae	0.875 0.75 0.125	0.875 0.75 0.5	91	0.875 0.704 0.125	71.9 71.2	0.0 0.34	0.916	1.0 0.0 0.655	47.5 56.0	83.4
622	R31Y_087_075Ae	0.875 0.75 0.25	0.875 0.625 0.562	79	0.875 0.682 0.25	73.4 71.7	0.0 0.334	0.773	1.0 0.0 0.642	47.5 56.0	83.4
623	R23Y_087_050Ae	0.875 0.75 0.375	0.875 0.5 0.625	71	0.875 0.675 0.375	72.4 71.7	0.0 0.334	0.684	1.0 0.0 0.642	47.5 56.0	83.4
624	R65Y_087_037Ae	0.875 0.75 0.5	0.875 0.375 0.687	76	0.875 0.675 0.5	71.7 83.1	0.0 0.284	0.38	1.0 0.0 0.466	47.5 56.0	71.3
625	R65Y_087_037Ae	0.875 0.75 0.5	0.875 0.375 0.687	71	0.875 0.675 0.5	71.7 83.1	0.0 0.284	0.38	1.0 0.0 0.466	47.5 56.0	71.3
626	R30Y_087_025Ae	0.875 0.75 0.625	0.875 0.25 0.75	60	0.875 0.704 0.625	78.3 83.1	0.0 0.251	0.107	1.0 0.0 0.827	47.5 56.0	68.5
627	B50K_087_012Ae	0.875 0.75 0.75	0.875 0.125 0.812	390	0.875 0.75 0.782	80.8 78.0	0.0 0.161	0.121	1.0 0.0 0.319	47.5 56.0	58.8
628	B50K_087_012Ae	0.875 0.75 1.0	1.0 0.25 0.875	330	0.833 0.75 0.875	79.6 78.0	0.0 0.161	0.121	1.0 0.0 0.319	47.5 56.0	58.8
629	B28K_100_025Ae	0.875 0.75 1.0	1.0 0.25 0.875	300	0.784 0.75 1.0	79.7 71.6	0.0 0.195	0.002	1.0 0.0 0.263	47.5 56.0	62.1
630	R00Y_087_025Ae	0.875 0.75 1.0	1.0 0.25 0.875	300	0.784 0.75 1.0	79.7 71.6	0.0 0.195	0.002	1.0 0.0 0.263	47.5 56.0	62.1
631	Y00G_087_057Ae	0.875 0.875 0.125	0.875 0.875 0.437	90	0.875 0.672 0.125	76.1 71.6	0.0 0.194	0.844	1.0 0.0 0.768	47.5 56.0	300.1
632	Y00G_087_062Ae	0.875 0.875 0.25	0.875 0.625 0.562	90	0.875 0.701 0.125	77.7 71.6	0.0 0.194	0.844	1.0 0.0 0.768	47.5 56.0	300.1
633	Y00G_087_050Ae	0.875 0.875 0.375	0.875 0.5 0.625	90	0.875 0.73 0.25	79.2 71.6	0.0 0.189	0.664	1.0 0.0 0.689	47.5 56.0	92.3
634	Y00G_087_037Ae										

<http://farbe.li.tu-berlin.de/PI89/PI89LOFP.PDF /.PS>; linearizzazione 3D
F: linearizzazione 3D PI89/PI89L30FP.DAT nel file (F), pagine 28/33

grafico TUB-PI89; cerchio delle tinte a 16 passi
colori e la differenza, ΔE^*

n	HC*File	rgb*File	Lab*File	rgb*File	Lab*File	cmym*sep*File	rgb*File	Lab*File	rgb*File	Lab*File	delta			
648	ROY1_100_100de	1.0	0.0	0.0	0.263	47.5	56.0	26.7	62.1	60.0	25.4			
649	R38Y_100_175de	1.0	0.5	390	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
650	R26Y_100_100de	1.0	0.5	376	1.0	0.0	0.999	0.0	0.0	0.0	0.0			
651	R13Y_100_100de	1.0	0.5	368	1.0	0.0	0.991	0.0	0.0	0.0	0.0			
652	ROY1_100_100de	1.0	0.5	360	1.0	0.0	0.999	0.0	0.0	0.0	0.0			
653	B68R_100_100de	1.0	0.5	352	0.825	0.0	0.0	0.999	0.0	0.0	0.0			
654	B55R_100_100de	1.0	0.5	344	0.825	0.0	0.0	0.999	0.0	0.0	0.0			
655	B50R_100_100de	1.0	0.5	337	0.696	0.0	0.0	0.999	0.0	0.0	0.0			
656	B50R_100_100de	1.0	0.5	330	0.584	0.0	0.0	0.999	0.0	0.0	0.0			
657	R11Y_100_100de	1.0	0.5	330	0.0	0.0	0.0	0.999	0.0	0.0	0.0			
658	ROY1_100_087de	1.0	0.875	562	0.90	0.125	0.355	49.0	23.3	25.4	0.0			
659	R36Y_100_087de	1.0	0.875	562	382	0.125	0.482	53.5	50.3	14.9	25.4			
660	R23Y_100_087de	1.0	0.875	562	374	0.125	0.593	53.4	52.4	7.6	25.4			
661	ROY1_100_087de	1.0	0.875	562	365	0.125	0.734	54.6	55.5	-2.2	25.4			
662	B70R_100_087de	1.0	0.875	562	355	0.125	0.841	55.2	57.2	-7.7	25.4			
663	B63R_100_087de	1.0	0.875	562	346	0.887	0.125	51.8	52.5	-15.2	25.4			
664	B56R_100_087de	1.0	0.875	562	338	0.746	0.125	47.6	46.4	-20.5	25.4			
665	B50R_100_087de	1.0	0.875	562	330	0.636	0.125	45.0	40.9	-24.9	25.4			
666	R23Y_100_087de	1.0	0.5	44	1.0	0.108	0.125	54.4	54.8	47.7	72.6	41.0		
667	R13Y_100_087de	1.0	0.5	44	1.0	0.136	0.125	54.0	49.8	34.1	60.4	34.3		
668	ROY1_100_075de	1.0	0.25	625	390	0.25	0.447	59.6	42.0	20.0	46.5	25.4		
669	R33Y_100_075de	1.0	0.25	625	381	0.25	0.567	59.6	43.3	11.9	45.0	15.4		
670	ROY1_100_075de	1.0	0.25	625	371	0.25	0.691	59.9	45.8	4.9	45.9	4.4		
671	B68R_100_075de	1.0	0.25	625	360	0.956	0.25	51.0	49.1	-6.8	45.9	32.0		
672	B63R_100_075de	1.0	0.25	625	349	0.798	0.25	46.2	41.2	-11.2	48.5	34.6		
673	B58R_100_075de	1.0	0.25	625	339	0.663	0.25	43.8	37.1	-13.9	50.4	38.4		
674	B50R_100_075de	1.0	0.25	625	330	0.588	0.25	41.5	35.0	-21.4	48.5	32.6		
675	R36Y_100_087de	1.0	0.875	562	46	1.0	0.216	0.0	56.5	45.2	53.8	49.9		
676	R26Y_100_087de	1.0	0.875	562	46	1.0	0.245	0.125	58.0	46.4	43.7	49.3		
677	R15Y_100_075de	1.0	0.25	625	390	0.25	0.271	0.25	60.4	42.5	30.3	52.2		
678	ROY1_100_062de	1.0	0.625	687	390	0.375	0.539	65.6	50.3	16.7	38.8	25.4		
679	R11Y_100_062de	1.0	0.625	687	379	0.375	0.687	66.1	39.1	8.5	37.4	13.2		
680	ROY1_100_062de	1.0	0.375	0.625	367	0.375	0.787	66.1	39.1	359.8	0.0			
681	B69R_100_062de	1.0	0.625	687	353	0.848	0.375	1.0	62.2	34.6	-6.9	41.8	359.4	
682	B63R_100_062de	1.0	0.625	687	341	0.848	0.375	1.0	62.2	34.6	-13.2	37.1	339.0	
683	B50R_100_062de	1.0	0.625	687	330	0.74	0.375	1.0	60.0	29.2	-17.8	34.2	328.6	
684	R50Y_100_100de	1.0	0.5	0.0	1.0	0.319	0.0	61.8	35.2	58.4	68.2	58.8		
685	R41Y_100_087de	1.0	0.875	562	55	1.0	0.348	0.125	63.2	36.1	68.5	60.5	53.3	
686	R33Y_100_075de	1.0	0.25	625	390	0.382	0.25	64.9	36.8	39.0	49.7	46.6		
687	R18Y_100_062de	1.0	0.5	0.375	1.0	0.413	0.375	67.0	35.0	27.1	44.3	37.7		
688	ROY1_100_050de	1.0	0.5	0.5	0.5	0.5	0.5	71.6	28.0	13.3	31.0	25.4		
689	R26Y_100_050de	1.0	0.5	0.75	376	1.0	0.5	0.75	71.6	29.9	9.8	0.0		
690	B61R_100_050de	1.0	0.5	0.75	360	1.0	0.5	0.913	72.8	32.7	-4.5	33.1	352.0	
691	B58R_100_050de	1.0	0.5	0.75	344	0.912	0.5	1.0	70.1	29.1	-9.5	30.6	341.8	
692	B50R_100_050de	1.0	0.5	0.75	330	0.792	0.5	1.0	67.1	23.3	-14.2	27.3	328.6	
693	R63Y_100_100de	1.0	0.5	68	1.0	0.425	0.0	67.0	25.7	63.0	68.0	67.8		
694	R38Y_100_087de	1.0	0.875	562	65	1.0	0.461	0.125	68.8	25.4	53.2	59.0	64.4	
695	R30Y_100_075de	1.0	0.25	625	60	1.0	0.489	0.25	70.3	26.4	43.8	51.1	58.8	
696	ROY1_100_062de	1.0	0.625	687	53	1.0	0.518	0.375	71.7	27.4	34.0	43.6	51.0	
697	R23Y_100_062de	1.0	0.5	0.75	44	1.0	0.554	0.5	73.6	27.4	23.8	36.3	41.0	
698	ROY1_100_057de	1.0	0.375	0.812	390	1.0	0.625	0.723	77.7	21.0	10.0	23.2	25.4	
699	R18Y_100_037de	1.0	0.375	0.812	349	0.978	0.625	1.0	77.8	22.9	5.6	24.2	346.6	
700	B68R_100_037de	1.0	0.375	0.812	330	0.844	0.625	1.0	74.3	23.6	-10.7	20.5	328.6	
701	B50R_100_037de	1.0	0.375	0.812	330	0.844	0.625	1.0	74.3	23.6	-10.7	20.5	328.6	
702	R26Y_100_100de	1.0	0.5	76	1.0	0.551	0.0	72.3	16.1	68.2	70.1	76.7		
703	R13Y_100_075de	1.0	0.25	625	71	1.0	0.572	0.125	74.0	16.2	58.4	60.6	74.4	
704	ROY1_100_075de	1.0	0.25	625	60	1.0	0.612	0.25	75.6	16.9	38.6	51.4	71.1	
705	B68R_100_057de	1.0	0.5	0.875	60	1.0	0.632	0.375	78.8	17.7	39.2	34.4	58.8	
706	B50Y_100_057de	1.0	0.5	0.875	60	1.0	0.659	0.5	80.1	17.7	29.2	34.4	58.8	
707	R31Y_100_037de	1.0	0.375	0.812	49	1.0	0.691	0.625	80.3	18.4	26.8	46.6	60.0	
708	ROY1_100_025de	1.0	0.25	0.875	390	1.0	0.75	0.815	83.7	14.0	6.6	15.5	25.4	
709	ROY1_100_025de	1.0	0.25	0.875	360	1.0	0.75	0.815	83.7	14.0	6.6	15.5	25.4	
710	B50R_100_025de	1.0	0.25	0.875	330	0.896	0.75	1.0	81.5	11.6	-2.1	16.5	352.0	
711	R88Y_100_100de	1.0	0.5	83	1.0	0.668	0.0	77.7	7.0	73.1	13.6	328.6	0.024	
712	R85Y_100_087de	1.0	0.875	562	81	1.0	0.698	0.125	79.2	7.3	63.4	63.8	83.4	
713	R85Y_100_075de	1.0	0.25	625	81	1.0	0.731	0.25	80.9	7.2	53.8	54.3	82.2	
714	R81Y_100_062de	1.0	0.625	687	79	1.0	0.757	0.375	82.4	7.7	43.9	44.6	80.0	
715	R76Y_100_057de	1.0	0.5	0.75	76	1.0	0.775	0.5	84.0	8.0	28.8	35.0	76.7	
716	R68Y_100_057de	1.0	0.375	0.812	71	1.0	0.8	0.625	85.7	8.3	24.3	25.7	71.1	
717	R50Y_100_025de	1.0	0.875	562	90	1.0	0.829	0.75	87.3	8.8	14.6	17.0	58.8	
718	ROY1_100_012de	1.0	0.125	0.937	390	0.948	1.0	0.768	1.0	88.6	5.8	-3.5	6.8	328.6
719	B50R_100_100de	1.0	0.0	0.0	1.0	0.875	0.907	89.8	7.0	3.3	7.7	25.4	0.0	
720	Y00G_100_100de	1.0	0.0	0.0	1.0	0.768	1.0	0.836	-1.0	85.1	-2.7	67.2	67.2	92.3
721	Y00G_100_087de	1.0	0.0	0.0	1.0	0.826	0.25	86.7	-2.3	57.6	57.6	48.0	92.3	0.0
722	Y00G_100_075de	1.0	0.0	0.0	1.0	0.855	0.375	88.2	-1.9	48.0	48.0	92.3	0.0	0.0
723	Y00G_100_062de	1.0	0.0	0.0	1.0	0.884	0.5	89.7	-1.5	38.8	38.8	92.3	0.0	0.0
724	Y00G_100_050de	1.0	0.0	0.0	1.0	0.913	0.625	91.2	-1.1	28.8	28.8	92.3	0.0	0.0
725	Y00G_100_037de	1.0	0.0	0.0	1.0	0.942	0.75	92.7	-0.7	19.2	19.2	92.3	0.0	0.0
726	Y00G_100_025de	1.0	0.0	0.0	1.0	0.971	0.875	94.3	-0.3	9.6	9.6	92.3	0.0	0.0
727	Y00G_100_012de	1.0	0.0	0.0	1.0	1.0	1.0	95.8	0.0	0.0	0.0	0.0	0.0	0.0
728	NW_100de	1.0	0.0	0.0	1.0	1.0	1.0	95.8	0.0	0.0	0.0	0.0	0.0	0.0

PI890-7N_28-33-F

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

n	HC*File	rgb*File	icc*File	hsa*File	rgb*File	LabC*File	cmyp*sep*File	hsa*File	rgb*File	LabC*File	delta
810	NW_1000e	1.0 1.0 1.0	1.0 1.0 1.0	1.0 1.0 1.0	1.0 1.0 1.0	95.8 0.0 0.0	0.0 0.0 0.0	360 0.0 0.0	1.0 1.0 1.0	95.8 0.0 0.0	0.0 0.0 0.0
811	BOOR_100_012de	0.875 0.875 1.0	1.0 1.0 1.0	0.875 0.907 1.0	0.875 0.907 1.0	88.5 0.1 -6.0	0.099 0.104 0.104	360 0.0 0.0	1.0 1.0 1.0	95.8 0.0 0.0	0.0 48.7 271.7
812	BOOR_100_025de	0.725 0.725 1.0	1.0 1.0 1.0	0.725 0.815 1.0	0.725 0.815 1.0	81.2 0.3 -12.1	0.178 0.169 0.169	360 0.0 0.0	1.0 1.0 1.0	95.8 0.0 0.0	0.0 48.7 271.7
813	BOOR_100_037de	0.625 0.625 1.0	1.0 1.0 1.0	0.625 0.722 1.0	0.625 0.722 1.0	73.8 0.5 -18.2	0.271 0.271 0.271	360 0.0 0.0	1.0 1.0 1.0	95.8 0.0 0.0	0.0 48.7 271.7
814	BOOR_100_050de	0.5 0.5 1.0	1.0 1.0 1.0	0.5 0.63 1.0	0.5 0.63 1.0	66.5 0.7 -24.3	0.364 0.364 0.364	360 0.0 0.0	1.0 1.0 1.0	95.8 0.0 0.0	0.0 48.7 271.7
815	BOOR_100_062de	0.375 0.375 1.0	1.0 1.0 1.0	0.375 0.538 1.0	0.375 0.538 1.0	59.2 0.9 -30.4	0.471 0.471 0.471	360 0.0 0.0	1.0 1.0 1.0	95.8 0.0 0.0	0.0 48.7 271.7
816	BOOR_100_075de	0.25 0.25 1.0	1.0 1.0 1.0	0.25 0.445 1.0	0.25 0.445 1.0	51.9 1.1 -36.5	0.564 0.564 0.564	360 0.0 0.0	1.0 1.0 1.0	95.8 0.0 0.0	0.0 48.7 271.7
817	BOOR_100_087de	0.125 0.125 1.0	1.0 1.0 1.0	0.125 0.353 1.0	0.125 0.353 1.0	44.6 1.2 -42.6	0.657 0.657 0.657	360 0.0 0.0	1.0 1.0 1.0	95.8 0.0 0.0	0.0 48.7 271.7
818	BOOR_100_100de	0.0 0.0 1.0	1.0 1.0 1.0	0.0 0.261 1.0	0.0 0.261 1.0	37.3 1.4 -48.6	0.738 0.738 0.738	360 0.0 0.0	1.0 1.0 1.0	95.8 0.0 0.0	0.0 48.7 271.7
819	YOOC_100_012de	0.875 0.875 1.0	1.0 1.0 1.0	1.0 0.971 0.875	1.0 0.971 0.875	94.3 -0.3 9.6	0.062 0.128 0.128	360 0.0 0.0	1.0 1.0 1.0	95.8 0.0 0.0	0.0 48.7 271.7
820	BOOR_087_012de	0.875 0.875 1.0	1.0 1.0 1.0	0.875 0.875 0.875	0.875 0.875 0.875	86.8 0.0 0.0	0.0 0.0 0.0	360 0.0 0.0	1.0 1.0 1.0	95.8 0.0 0.0	0.0 48.7 271.7
821	BOOR_087_025de	0.725 0.725 1.0	1.0 1.0 1.0	0.725 0.782 0.875	0.725 0.782 0.875	79.5 0.1 -6.0	0.083 0.158 0.158	360 0.0 0.0	1.0 1.0 1.0	95.8 0.0 0.0	0.0 48.7 271.7
822	BOOR_087_037de	0.625 0.625 1.0	1.0 1.0 1.0	0.625 0.69 0.875	0.625 0.69 0.875	72.2 0.3 -12.1	0.221 0.221 0.221	360 0.0 0.0	1.0 1.0 1.0	95.8 0.0 0.0	0.0 48.7 271.7
823	BOOR_087_050de	0.5 0.5 1.0	1.0 1.0 1.0	0.5 0.597 0.875	0.5 0.597 0.875	64.8 0.5 -18.2	0.292 0.292 0.292	360 0.0 0.0	1.0 1.0 1.0	95.8 0.0 0.0	0.0 48.7 271.7
824	BOOR_087_062de	0.375 0.375 1.0	1.0 1.0 1.0	0.375 0.505 0.875	0.375 0.505 0.875	57.5 0.7 -24.3	0.32 0.32 0.32	360 0.0 0.0	1.0 1.0 1.0	95.8 0.0 0.0	0.0 48.7 271.7
825	BOOR_087_075de	0.25 0.25 1.0	1.0 1.0 1.0	0.25 0.413 0.875	0.25 0.413 0.875	50.2 0.9 -30.4	0.427 0.427 0.427	360 0.0 0.0	1.0 1.0 1.0	95.8 0.0 0.0	0.0 48.7 271.7
826	BOOR_087_087de	0.125 0.125 1.0	1.0 1.0 1.0	0.125 0.328 0.875	0.125 0.328 0.875	42.9 1.1 -36.5	0.579 0.579 0.579	360 0.0 0.0	1.0 1.0 1.0	95.8 0.0 0.0	0.0 48.7 271.7
827	BOOR_087_100de	0.0 0.0 1.0	1.0 1.0 1.0	0.0 0.228 0.875	0.0 0.228 0.875	35.6 1.2 -42.6	0.643 0.643 0.643	360 0.0 0.0	1.0 1.0 1.0	95.8 0.0 0.0	0.0 48.7 271.7
828	YOOC_100_025de	0.875 0.875 1.0	1.0 1.0 1.0	1.0 0.942 0.875	1.0 0.942 0.875	92.7 -0.7 19.2	0.0 0.0 0.0	360 0.0 0.0	1.0 1.0 1.0	95.8 0.0 0.0	0.0 48.7 271.7
829	YOOC_100_050de	0.725 0.725 1.0	1.0 1.0 1.0	0.725 0.782 0.875	0.725 0.782 0.875	85.3 0.0 9.6	0.055 0.125 0.125	360 0.0 0.0	1.0 1.0 1.0	95.8 0.0 0.0	0.0 48.7 271.7
830	BOOR_075_012de	0.625 0.625 1.0	1.0 1.0 1.0	0.625 0.657 0.75	0.625 0.657 0.75	77.8 0.1 -6.0	0.015 0.029 0.029	360 0.0 0.0	1.0 1.0 1.0	95.8 0.0 0.0	0.0 48.7 271.7
831	BOOR_075_025de	0.5 0.5 1.0	1.0 1.0 1.0	0.5 0.565 0.75	0.5 0.565 0.75	70.5 0.3 -12.1	0.076 0.076 0.076	360 0.0 0.0	1.0 1.0 1.0	95.8 0.0 0.0	0.0 48.7 271.7
832	BOOR_075_037de	0.375 0.375 1.0	1.0 1.0 1.0	0.375 0.472 0.75	0.375 0.472 0.75	63.2 0.5 -18.2	0.158 0.158 0.158	360 0.0 0.0	1.0 1.0 1.0	95.8 0.0 0.0	0.0 48.7 271.7
833	BOOR_075_050de	0.25 0.25 1.0	1.0 1.0 1.0	0.25 0.38 0.75	0.25 0.38 0.75	55.8 0.7 -24.3	0.221 0.221 0.221	360 0.0 0.0	1.0 1.0 1.0	95.8 0.0 0.0	0.0 48.7 271.7
834	BOOR_075_062de	0.125 0.125 1.0	1.0 1.0 1.0	0.125 0.288 0.75	0.125 0.288 0.75	48.5 0.9 -30.4	0.292 0.292 0.292	360 0.0 0.0	1.0 1.0 1.0	95.8 0.0 0.0	0.0 48.7 271.7
835	BOOR_075_075de	0.0 0.0 1.0	1.0 1.0 1.0	0.0 0.198 0.75	0.0 0.198 0.75	41.2 1.1 -36.5	0.364 0.364 0.364	360 0.0 0.0	1.0 1.0 1.0	95.8 0.0 0.0	0.0 48.7 271.7
836	YOOC_100_037de	1.0 1.0 1.0	1.0 1.0 1.0	1.0 0.913 0.625	1.0 0.913 0.625	91.2 -1.1 28.8	0.0 0.0 0.0	360 0.0 0.0	1.0 1.0 1.0	95.8 0.0 0.0	0.0 48.7 271.7
837	YOOC_087_025de	0.875 0.875 1.0	1.0 1.0 1.0	0.875 0.817 0.625	0.875 0.817 0.625	83.7 -1.1 28.8	0.0 0.0 0.0	360 0.0 0.0	1.0 1.0 1.0	95.8 0.0 0.0	0.0 48.7 271.7
838	YOOC_087_050de	0.725 0.725 1.0	1.0 1.0 1.0	0.725 0.721 0.625	0.725 0.721 0.625	76.3 -0.3 9.6	0.066 0.186 0.186	360 0.0 0.0	1.0 1.0 1.0	95.8 0.0 0.0	0.0 48.7 271.7
839	YOOC_075_012de	0.625 0.625 1.0	1.0 1.0 1.0	0.625 0.625 0.625	0.625 0.625 0.625	68.8 0.0 0.0	0.0 0.0 0.0	360 0.0 0.0	1.0 1.0 1.0	95.8 0.0 0.0	0.0 48.7 271.7
840	BOOR_062_012de	0.625 0.625 1.0	1.0 1.0 1.0	0.5 0.532 0.625	0.5 0.532 0.625	61.5 0.1 -6.0	0.082 0.161 0.161	360 0.0 0.0	1.0 1.0 1.0	95.8 0.0 0.0	0.0 48.7 271.7
841	BOOR_062_025de	0.375 0.375 1.0	1.0 1.0 1.0	0.375 0.44 0.625	0.375 0.44 0.625	54.2 0.3 -12.1	0.131 0.131 0.131	360 0.0 0.0	1.0 1.0 1.0	95.8 0.0 0.0	0.0 48.7 271.7
842	BOOR_062_037de	0.25 0.25 1.0	1.0 1.0 1.0	0.25 0.347 0.625	0.25 0.347 0.625	46.8 0.5 -18.2	0.191 0.191 0.191	360 0.0 0.0	1.0 1.0 1.0	95.8 0.0 0.0	0.0 48.7 271.7
843	BOOR_062_050de	0.125 0.125 1.0	1.0 1.0 1.0	0.125 0.255 0.625	0.125 0.255 0.625	39.5 0.7 -24.3	0.254 0.254 0.254	360 0.0 0.0	1.0 1.0 1.0	95.8 0.0 0.0	0.0 48.7 271.7
844	BOOR_062_062de	0.0 0.0 1.0	1.0 1.0 1.0	0.0 0.163 0.625	0.0 0.163 0.625	32.2 0.9 -30.4	0.394 0.394 0.394	360 0.0 0.0	1.0 1.0 1.0	95.8 0.0 0.0	0.0 48.7 271.7
845	YOOC_100_050de	1.0 1.0 1.0	1.0 1.0 1.0	1.0 0.884 0.5	1.0 0.884 0.5	88.4 9.2 38.4	0.0 0.0 0.0	360 0.0 0.0	1.0 1.0 1.0	95.8 0.0 0.0	0.0 48.7 271.7
846	YOOC_087_037de	0.875 0.875 1.0	1.0 1.0 1.0	0.875 0.788 0.5	0.875 0.788 0.5	82.2 -1.1 28.8	0.0 0.0 0.0	360 0.0 0.0	1.0 1.0 1.0	95.8 0.0 0.0	0.0 48.7 271.7
847	YOOC_087_050de	0.725 0.725 1.0	1.0 1.0 1.0	0.725 0.692 0.5	0.725 0.692 0.5	74.7 -0.7 19.2	0.0 0.0 0.0	360 0.0 0.0	1.0 1.0 1.0	95.8 0.0 0.0	0.0 48.7 271.7
848	YOOC_075_012de	0.625 0.625 1.0	1.0 1.0 1.0	0.625 0.596 0.5	0.625 0.596 0.5	67.3 -0.3 9.6	0.029 0.059 0.059	360 0.0 0.0	1.0 1.0 1.0	95.8 0.0 0.0	0.0 48.7 271.7
849	YOOC_062_012de	0.625 0.625 1.0	1.0 1.0 1.0	0.5 0.5 0.5	0.5 0.5 0.5	59.8 0.0 0.0	0.0 0.0 0.0	360 0.0 0.0	1.0 1.0 1.0	95.8 0.0 0.0	0.0 48.7 271.7
850	NW_050de	0.375 0.375 1.0	1.0 1.0 1.0	0.375 0.407 0.5	0.375 0.407 0.5	52.5 0.1 -6.0	0.066 0.066 0.066	360 0.0 0.0	1.0 1.0 1.0	95.8 0.0 0.0	0.0 48.7 271.7
851	BOOR_050_012de	0.375 0.375 1.0	1.0 1.0 1.0	0.375 0.375 0.407	0.375 0.375 0.407	45.2 0.3 -12.1	0.188 0.188 0.188	360 0.0 0.0	1.0 1.0 1.0	95.8 0.0 0.0	0.0 48.7 271.7
852	BOOR_050_025de	0.25 0.25 1.0	1.0 1.0 1.0	0.25 0.289 0.407	0.25 0.289 0.407	38.4 0.5 -18.2	0.271 0.271 0.271	360 0.0 0.0	1.0 1.0 1.0	95.8 0.0 0.0	0.0 48.7 271.7
853	BOOR_050_037de	0.125 0.125 1.0	1.0 1.0 1.0	0.125 0.222 0.5	0.125 0.222 0.5	31.8 0.7 -24.3	0.321 0.321 0.321	360 0.0 0.0	1.0 1.0 1.0	95.8 0.0 0.0	0.0 48.7 271.7
854	BOOR_050_050de	0.0 0.0 1.0	1.0 1.0 1.0	0.0 0.13 0.5	0.0 0.13 0.5	24.3 0.9 -30.4	0.491 0.491 0.491	360 0.0 0.0	1.0 1.0 1.0	95.8 0.0 0.0	0.0 48.7 271.7
855	YOOC_100_062de	1.0 1.0 1.0	1.0 1.0 1.0	1.0 0.855 0.375	1.0 0.855 0.375	85.2 -1.9 48.0	0.0 0.0 0.0	360 0.0 0.0	1.0 1.0 1.0	95.8 0.0 0.0	0.0 48.7 271.7
856	YOOC_087_050de	0.875 0.875 1.0	1.0 1.0 1.0	0.875 0.759 0.375	0.875 0.759 0.375	80.7 -1.5 38.4	0.0 0.0 0.0	360 0.0 0.0	1.0 1.0 1.0	95.8 0.0 0.0	0.0 48.7 271.7
857	YOOC_075_037de	0.725 0.725 1.0	1.0 1.0 1.0	0.725 0.663 0.375	0.725 0.663 0.375	73.2 -0.7 19.2	0.0 0.0 0.0	360 0.0 0.0	1.0 1.0 1.0	95.8 0.0 0.0	0.0 48.7 271.7
858	YOOC_062_025de	0.625 0.625 1.0	1.0 1.0 1.0	0.625 0.567 0.375	0.625 0.567 0.375	65.7 -0.7 19.2	0.0 0.0 0.0	360 0.0 0.0	1.0 1.0 1.0	95.8 0.0 0.0	0.0 48.7 271.7
859	YOOC_050_012de	0.5 0.5 1.0	1.0 1.0 1.0	0.5 0.471 0.375	0.5 0.471 0.375	58.8 0.0 9.6	0.026 0.052 0.052	360 0.0 0.0	1.0 1.0 1.0	95.8 0.0 0.0	0.0 48.7 271.7
860	BOOR_037_012de	0.375 0.375 1.0	1.0 1.0 1.0	0.375 0.375 0.375	0.375 0.375 0.375	50.8 0.0 0.0	0.0 0.0 0.0	360 0.0 0.0	1.0 1.0 1.0	95.8 0.0 0.0	0.0 48.7 271.7
861	BOOR_037_025de	0.25 0.25 1.0	1.0 1.0 1.0	0.25 0.375 0.375	0.25 0.375 0.375	43.5 0.1 -6.0	0.066 0.066 0.066	360 0.0 0.0	1.0 1.0 1.0	95.8 0.0 0.0	0.0 48.7 271.7
862	BOOR_037_050de	0.125 0.125 1.0	1.0 1.0 1.0	0.125 0.312 0.375	0.125 0.312 0.375	36.2 0.3 -12.1	0.158 0.158 0.158	360 0.0 0.0	1.0 1.0 1.0	95.8 0.0 0.0	0.0 48.7 271.7
863	YOOC_100_075de	1.0 1.0 1.0	1.0 1.0 1.0	1.0 0.997 0.375	1.0 0.997 0.375	28.8 0.5 -18.2	0.271 0.271 0.271	360 0.0 0.0	1.0 1.0 1.0	95.8 0.0 0.0	0.0 48.7 271.7
864	YOOC_100_050de	1.0 1.0 1.0	1.0 1.0 1.0	1.0 0.836 0.25	1.0 0.836 0.25	86.7 -2.3 57.6	0.0 0.0 0.0	360 0.0 0.0	1.0 1.0 1.0	95.8 0.0 0.0	0.0 48.7 271.7
865	YOOC_087_062de	0.875 0.875 1.0	1.0 1.0 1.0	0.875 0.73 0.25	0.875 0.73 0.						

<http://farbe.li.tu-berlin.de/PI89/PI89L0FP.PDF /.PS>; linearizzazione 3D
 F: linearizzazione 3D PI89/PI89L30FP.DAT nel file (F), pagine 33/33

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

n	HC*File	rgb*File	ier*File	hsa*File	rgb*File	LabCP*File	rgb*File	LabCP*File	cmyk*sep*File	rgb*File	LabCP*File	hsa*File	rgb*File	LabCP*File
1053	NW_086de	0.866	0.866	0.866	0.866	86.1	0.0	0.0	0.019	0.02	0.164	360	1.0	95.8
1054	NW_093de	0.933	0.933	0.933	0.933	91.0	0.0	0.0	0.016	0.005	0.103	360	1.0	95.8
1055	NW_100de	1.0	1.0	1.0	1.0	95.8	0.0	0.0	0.0	0.0	0.0	360	1.0	95.8
1056	NW_006de	0.066	0.066	0.066	0.066	28.6	0.0	0.0	0.0	0.0	0.0	360	1.0	95.8
1057	NW_013de	0.133	0.133	0.133	0.133	33.4	0.0	0.0	0.005	0.054	0.865	360	1.0	95.8
1058	NW_020de	0.2	0.2	0.2	0.2	38.2	0.0	0.0	0.034	0.068	0.76	360	1.0	95.8
1059	NW_026de	0.266	0.266	0.266	0.266	42.9	0.0	0.0	0.039	0.092	0.701	360	1.0	95.8
1060	NW_033de	0.333	0.333	0.333	0.333	47.8	0.0	0.0	0.044	0.085	0.652	360	1.0	95.8
1061	NW_040de	0.4	0.4	0.4	0.4	52.6	0.0	0.0	0.038	0.048	0.608	360	1.0	95.8
1062	NW_046de	0.466	0.466	0.466	0.466	57.3	0.0	0.0	0.023	0.078	0.539	360	1.0	95.8
1063	NW_053de	0.533	0.533	0.533	0.533	62.2	0.0	0.0	0.028	0.04	0.482	360	1.0	95.8
1064	NW_060de	0.6	0.6	0.6	0.6	67.0	0.0	0.0	0.017	0.064	0.427	360	1.0	95.8
1065	NW_066de	0.666	0.666	0.666	0.666	71.7	0.0	0.0	0.015	0.038	0.381	360	1.0	95.8
1066	NW_073de	0.734	0.734	0.734	0.734	76.6	0.0	0.0	0.017	0.033	0.301	360	1.0	95.8
1067	NW_080de	0.8	0.8	0.8	0.8	81.4	0.0	0.0	0.001	0.011	0.23	360	1.0	95.8
1068	NW_086de	0.866	0.866	0.866	0.866	86.1	0.0	0.0	0.009	0.02	0.164	360	1.0	95.8
1069	NW_093de	0.933	0.933	0.933	0.933	91.0	0.0	0.0	0.016	0.005	0.103	360	1.0	95.8
1070	NW_100de	1.0	1.0	1.0	1.0	95.8	0.0	0.0	0.0	0.0	0.0	360	1.0	95.8
1071	NW_006de	0.0	0.0	0.0	0.0	23.8	0.0	0.0	0.0	0.0	0.0	360	1.0	95.8
1072	NW_013de	0.1	0.1	0.1	0.1	28.6	0.0	0.0	0.0	0.0	0.0	360	1.0	95.8
1073	NW_020de	0.2	0.2	0.2	0.2	33.4	0.0	0.0	0.0	0.0	0.0	360	1.0	95.8
1074	NW_026de	0.266	0.266	0.266	0.266	38.2	0.0	0.0	0.0	0.0	0.0	360	1.0	95.8
1075	NW_033de	0.333	0.333	0.333	0.333	42.9	0.0	0.0	0.0	0.0	0.0	360	1.0	95.8
1076	NW_040de	0.4	0.4	0.4	0.4	47.8	0.0	0.0	0.0	0.0	0.0	360	1.0	95.8
1077	NW_046de	0.466	0.466	0.466	0.466	52.6	0.0	0.0	0.0	0.0	0.0	360	1.0	95.8
1078	NW_053de	0.533	0.533	0.533	0.533	57.3	0.0	0.0	0.0	0.0	0.0	360	1.0	95.8
1079	NW_060de	0.6	0.6	0.6	0.6	62.2	0.0	0.0	0.0	0.0	0.0	360	1.0	95.8
1079	NW_066de	0.666	0.666	0.666	0.666	67.0	0.0	0.0	0.0	0.0	0.0	360	1.0	95.8
1079	NW_073de	0.734	0.734	0.734	0.734	71.7	0.0	0.0	0.0	0.0	0.0	360	1.0	95.8
1079	NW_080de	0.8	0.8	0.8	0.8	76.6	0.0	0.0	0.0	0.0	0.0	360	1.0	95.8
1079	NW_086de	0.866	0.866	0.866	0.866	81.4	0.0	0.0	0.0	0.0	0.0	360	1.0	95.8
1079	NW_093de	0.933	0.933	0.933	0.933	86.1	0.0	0.0	0.0	0.0	0.0	360	1.0	95.8
1079	NW_100de	1.0	1.0	1.0	1.0	91.0	0.0	0.0	0.0	0.0	0.0	360	1.0	95.8
1079	NW_006de	0.0	0.0	0.0	0.0	95.8	0.0	0.0	0.0	0.0	0.0	360	1.0	95.8
1079	NW_013de	0.1	0.1	0.1	0.1	95.8	0.0	0.0	0.0	0.0	0.0	360	1.0	95.8
1079	NW_020de	0.2	0.2	0.2	0.2	95.8	0.0	0.0	0.0	0.0	0.0	360	1.0	95.8
1079	NW_026de	0.266	0.266	0.266	0.266	95.8	0.0	0.0	0.0	0.0	0.0	360	1.0	95.8
1079	NW_033de	0.333	0.333	0.333	0.333	95.8	0.0	0.0	0.0	0.0	0.0	360	1.0	95.8
1079	NW_040de	0.4	0.4	0.4	0.4	95.8	0.0	0.0	0.0	0.0	0.0	360	1.0	95.8
1079	NW_046de	0.466	0.466	0.466	0.466	95.8	0.0	0.0	0.0	0.0	0.0	360	1.0	95.8
1079	NW_053de	0.533	0.533	0.533	0.533	95.8	0.0	0.0	0.0	0.0	0.0	360	1.0	95.8
1079	NW_060de	0.6	0.6	0.6	0.6	95.8	0.0	0.0	0.0	0.0	0.0	360	1.0	95.8
1079	NW_066de	0.666	0.666	0.666	0.666	95.8	0.0	0.0	0.0	0.0	0.0	360	1.0	95.8
1079	NW_073de	0.734	0.734	0.734	0.734	95.8	0.0	0.0	0.0	0.0	0.0	360	1.0	95.8
1079	NW_080de	0.8	0.8	0.8	0.8	95.8	0.0	0.0	0.0	0.0	0.0	360	1.0	95.8
1079	NW_086de	0.866	0.866	0.866	0.866	95.8	0.0	0.0	0.0	0.0	0.0	360	1.0	95.8
1079	NW_093de	0.933	0.933	0.933	0.933	95.8	0.0	0.0	0.0	0.0	0.0	360	1.0	95.8
1079	NW_100de	1.0	1.0	1.0	1.0	95.8	0.0	0.0	0.0	0.0	0.0	360	1.0	95.8
1079	NW_006de	0.0	0.0	0.0	0.0	95.8	0.0	0.0	0.0	0.0	0.0	360	1.0	95.8
1079	NW_013de	0.1	0.1	0.1	0.1	95.8	0.0	0.0	0.0	0.0	0.0	360	1.0	95.8
1079	NW_020de	0.2	0.2	0.2	0.2	95.8	0.0	0.0	0.0	0.0	0.0	360	1.0	95.8
1079	NW_026de	0.266	0.266	0.266	0.266	95.8	0.0	0.0	0.0	0.0	0.0	360	1.0	95.8
1079	NW_033de	0.333	0.333	0.333	0.333	95.8	0.0	0.0	0.0	0.0	0.0	360	1.0	95.8
1079	NW_040de	0.4	0.4	0.4	0.4	95.8	0.0	0.0	0.0	0.0	0.0	360	1.0	95.8
1079	NW_046de	0.466	0.466	0.466	0.466	95.8	0.0	0.0	0.0	0.0	0.0	360	1.0	95.8
1079	NW_053de	0.533	0.533	0.533	0.533	95.8	0.0	0.0	0.0	0.0	0.0	360	1.0	95.8
1079	NW_060de	0.6	0.6	0.6	0.6	95.8	0.0	0.0	0.0	0.0	0.0	360	1.0	95.8
1079	NW_066de	0.666	0.666	0.666	0.666	95.8	0.0	0.0	0.0	0.0	0.0	360	1.0	95.8
1079	NW_073de	0.734	0.734	0.734	0.734	95.8	0.0	0.0	0.0	0.0	0.0	360	1.0	95.8
1079	NW_080de	0.8	0.8	0.8	0.8	95.8	0.0	0.0	0.0	0.0	0.0	360	1.0	95.8
1079	NW_086de	0.866	0.866	0.866	0.866	95.8	0.0	0.0	0.0	0.0	0.0	360	1.0	95.8
1079	NW_093de	0.933	0.933	0.933	0.933	95.8	0.0	0.0	0.0	0.0	0.0	360	1.0	95.8
1079	NW_100de	1.0	1.0	1.0	1.0	95.8	0.0	0.0	0.0	0.0	0.0	360	1.0	95.8
1079	NW_006de	0.0	0.0	0.0	0.0	95.8	0.0	0.0	0.0	0.0	0.0	360	1.0	95.8
1079	NW_013de	0.1	0.1	0.1	0.1	95.8	0.0	0.0	0.0	0.0	0.0	360	1.0	95.8
1079	NW_020de	0.2	0.2	0.2	0.2	95.8	0.0	0.0	0.0	0.0	0.0	360	1.0	95.8
1079	NW_026de	0.266	0.266	0.266	0.266	95.8	0.0	0.0	0.0	0.0	0.0	360	1.0	95.8
1079	NW_033de	0.333	0.333	0.333	0.333	95.8	0.0	0.0	0.0	0.0	0.0	360	1.0	95.8
1079	NW_040de	0.4	0.4	0.4	0.4	95.8	0.0	0.0	0.0	0.0	0.0	360	1.0	95.8
1079	NW_046de	0.466	0.466	0.466	0.466	95.8	0.0	0.0	0.0	0.0	0.0	360	1.0	95.8
1079	NW_053de	0.533	0.533	0.533	0.533	95.8	0.0	0.0	0.0	0.0	0.0	360	1.0	95.8
1079	NW_060de	0.6	0.6	0.6	0.6	95.8	0.0	0.0	0.0	0.0	0.0	360	1.0	95.8
1079	NW_066de	0.666	0.666	0.666	0.666	95.8	0.0	0.0	0.0	0.0	0.0	360	1.0	95.8
1079	NW_073de	0.734	0.734	0.734	0.734	95.8	0.0	0.0	0.0	0.0	0.0	360	1.0	95.8
1079	NW_080de	0.8	0.8	0.8	0.8	95.8	0.0	0.0	0.0	0.0	0.0	360	1.0	95.8
1079	NW_086de	0.866	0.866	0.866	0.866	95.8	0.0	0.0	0.0	0.0	0.0	360	1.0	95.8
1079	NW_093de	0.933	0.933	0.933	0.933	95.8	0.0	0.0	0.0	0.0	0.0	360	1.0	95.8
1079	NW_100de	1.0	1.0	1.0	1.0	95.8	0.0	0.0	0.0	0.0	0.0	360	1.0	95.8
1079	NW_006de	0.0	0.0	0.0	0.0	95.8	0.0	0.0	0.0	0.0	0.0	360	1.0	95.8
1079	NW_013de	0.1	0.1	0.1	0.1	95.8	0.0	0.0	0.0	0.0	0.0	360	1.0	95.8
1079	NW_020de	0.2	0.2	0.2	0.2	95.8	0.0	0.0	0.0	0.0	0.0	360	1.0	95.8
1079	NW_026de	0.266	0.266	0.266	0.266	95.8	0.0	0.0	0.0	0.0	0.0	360	1.0	95.8
1079	NW_033de	0.333	0.333	0.333	0.333	95.8	0.0	0.0	0.0	0.0	0.0	360	1.0	95.8
1079	NW_040de	0.4	0.4	0.4	0.4	95.8	0.0	0.0	0.0	0.0	0.0	360	1.0	95.8
1079	NW_046de	0.466	0.466	0.466	0.466	95.8	0.0	0.0	0.0	0.0	0.0	360	1.0	95.8
1079	NW_053de	0.533	0.533	0.533	0.533	95.8								