

vedere dei file simili: <http://130.149.60.45/~farbmetrik/QI19/QI19.HTM>
informazioni tecniche: <http://www.ps.bam.de> o <http://130.149.60.45/~farbmetrik>

TUB iscrizione: 20130201-QI19/QI19L0FP.PDF /PS
la domanda per la misura di uscita della stampante laser

TUB materiale: code=rh4ta

Immettere y uscita: Printer Reflective System FRS06a for relative CIELAB hue $h_{ab,a,rel} = h_{ab}/360 = 68/360 = 0.19$

$H^*_{-} = R50Y_{-}$

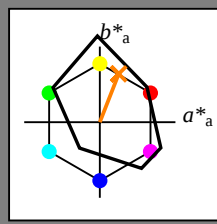
Dati del dispositivo (d) o colori elementari (e):

HIC^*_{-}

codice di tonalità per i colori questa pagina:

$H^*_{-} = R50Y_{-}$

triangolo chiarezza T^*



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
Y ₋ ,Ma	82.7	-3.1	113.9	114.0
G ₋ ,Ma	39.4	-61.8	45.8	76.9
C ₋ ,Ma	47.8	-26.8	-34.2	43.4
B ₋ ,Ma	10.1	55.1	-61.0	82.2
M ₋ ,Ma	34.5	80.6	-33.9	87.5
N ₋ ,Ma	6.2	0.0	0.0	0.0
W ₋ ,Ma	91.9	0.0	0.0	0.0
R ₋ ,CIE	39.9	58.7	27.9	65.0
Y ₋ ,CIE	81.2	-2.8	71.5	71.6
G ₋ ,CIE	52.2	-42.4	13.6	44.5
B ₋ ,CIE	30.5	1.4	-46.4	46.4

Il dati per il massimo colore (Ma):

$LabCh^*_{-,Ma}$: 68 25 63 68 68

$HIC^*_{-,Ma}$: R50Y_100_100_

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

1.0 0.5 0.0 1.0 1.0

triangolo chiarezza T^*

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

ORS20a; dati atti CIELAB (a)

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

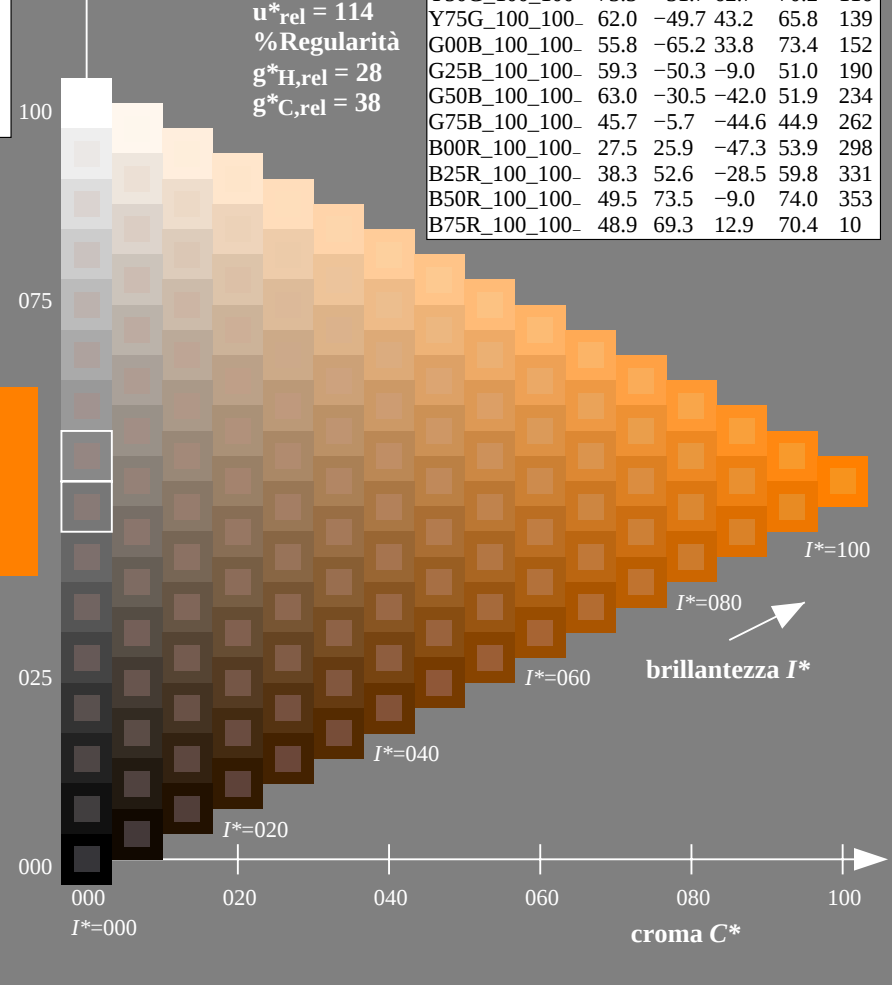
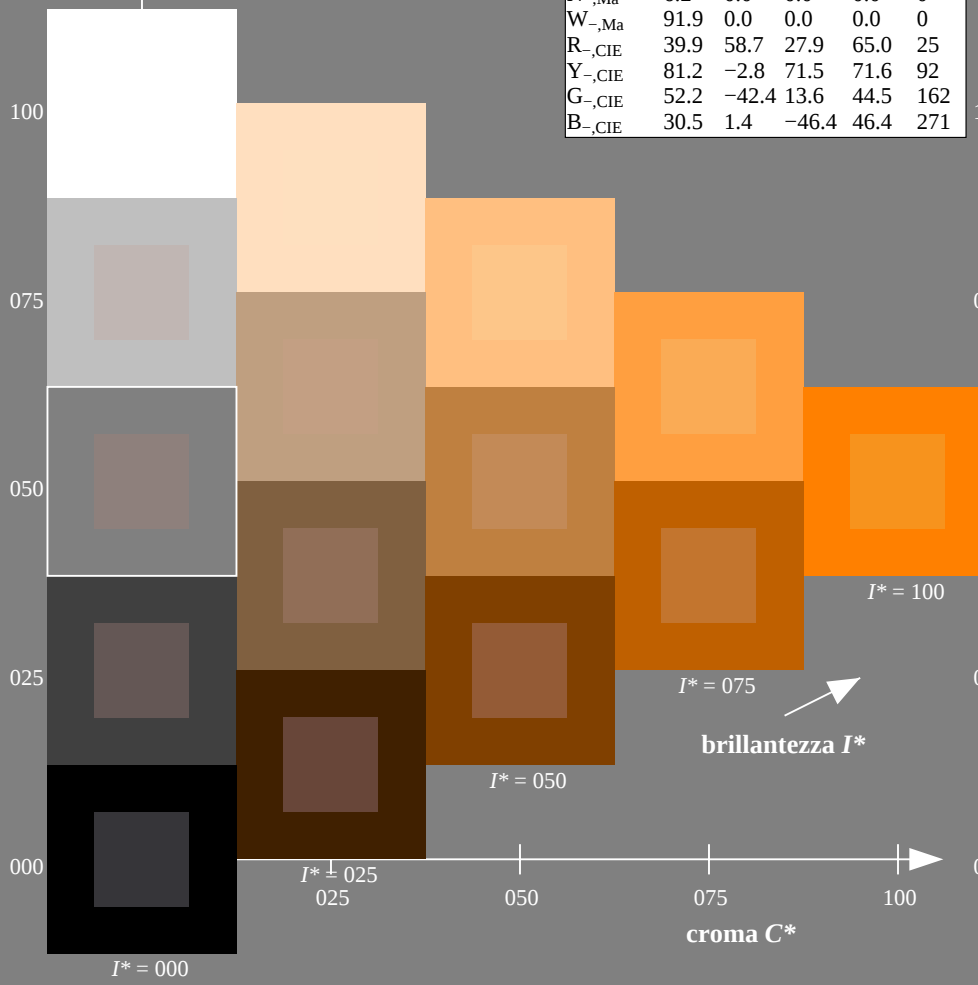


grafico TUB-QI19; codice di tinte: $H^*_{-}=R50Y_{-}$
grafico conformemente a DIN 33872, 3D=1, de=0, $cm\dot{y}k^*$

immettere: $rgb/cmyk \rightarrow rgb/cmyk$
uscita: nessun cambiamento



Immettere y uscita: Printer Reflective System FRS06a for relative CIELAB hue $h_{ab,a,rel} = h_{ab}/360 = 73/360 = 0.2$

$H^*_d = R50Y_d$

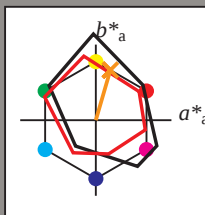
Dati del dispositivo (d) o
colori elementari (e):

HIC^*_d

codice di tonalità per i colori
questa pagina:

$H^*_d = R50Y_d$

triangolo chiarezza T^*



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

Il dati per il massimo colore (Ma):

$LabCh^*_{d,Ma}$: 70 19 66 69 73

$HIC^*_{d,Ma}$: R50Y_100_100d

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

1.0 0.5 0.0 1.0 1.0

triangolo chiarezza T^*

%Gamma

$u^*_{rel} = 114$

%Regularità

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

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

LRS18a; dati atti CIELAB (a)

H^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
R00Y_100_100d	47.5	57.2	37.8	68.6	33
R25Y_100_100d	57.4	43.5	54.5	69.7	51
R50Y_100_100d	70.5	19.2	66.2	69.0	73
R75Y_100_100d	83.5	-2.9	76.8	76.9	92
Y00G_100_100d	91.5	-15.8	84.6	86.1	100
Y25G_100_100d	90.4	-20.9	86.5	89.0	103
Y50G_100_100d	70.9	-41.7	54.8	68.9	127
Y75G_100_100d	60.1	-57.9	39.6	70.2	145
G00B_100_100d	54.3	-67.6	30.8	74.3	155
G25B_100_100d	55.0	-51.4	-8.9	52.2	189
G50B_100_100d	53.1	-30.0	-43.1	52.5	235
G75B_100_100d	46.1	-13.3	-49.4	51.1	254
B00R_100_100d	32.5	16.9	-44.6	47.7	290
B25R_100_100d	37.2	43.1	-30.8	53.0	324
B50R_100_100d	48.1	65.4	-12.7	66.6	348
B75R_100_100d	47.8	58.9	10.4	59.9	10

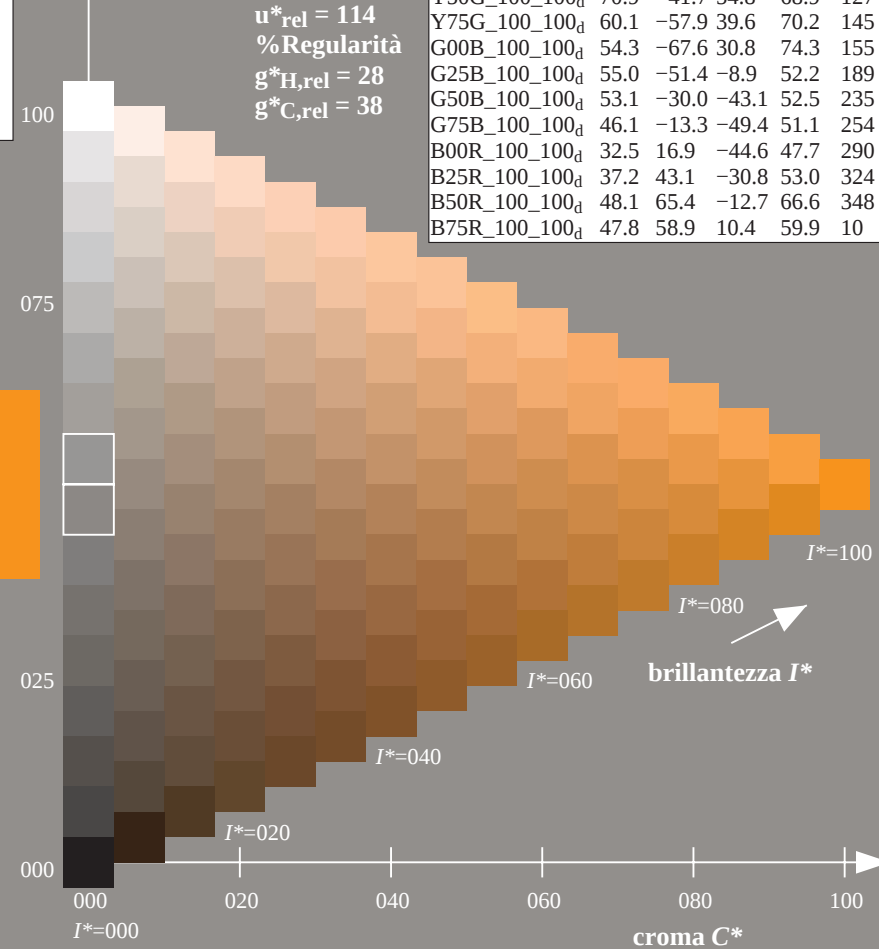
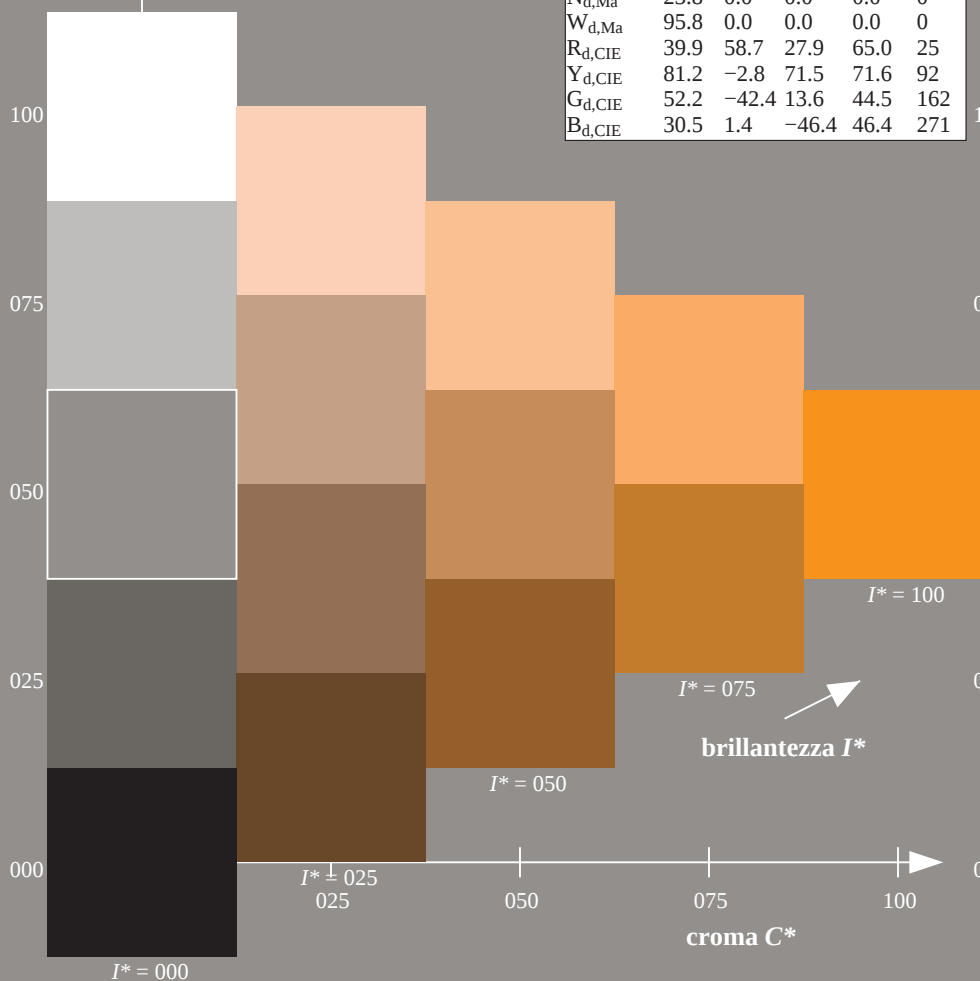


grafico TUB-QI19; codice di tinte: $H^*_d=R50Y_d$
grafico conformemente a DIN 33872, 3D=1, de=0, $cm\dot{y}k^*$

immettere: $rgb/cmyk \rightarrow rgb_{dd}$
uscita: 3D-linearizzazzione a $cm\dot{y}k^*_{dd}$

Immettere y uscita: Printer Reflective System PRS06a for relative CIELAB line $h_{ab,a,rel} = h_{ab}/360 = 73/360 = 0.2$

$H^*_d = R50Y_d$

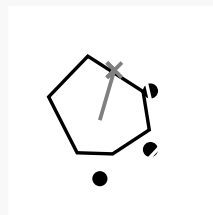
Dati del dispositivo (d) o colori elementari (e):

HIC^*_d

codice di tonalità per i colori questa pagina:

$H^*_d = R50Y_d$

triangolo chiarezza I^*



Il dati per il massimo colore (Ma):

$LabCh^*_d, Ma$: 70 19 66 69 73

HIC^*_d, Ma : R50Y_100_100d

$rgbic^*_d, Ma$:

1.0 0.5 0.0 1.0 1.0

triangolo chiarezza I^*

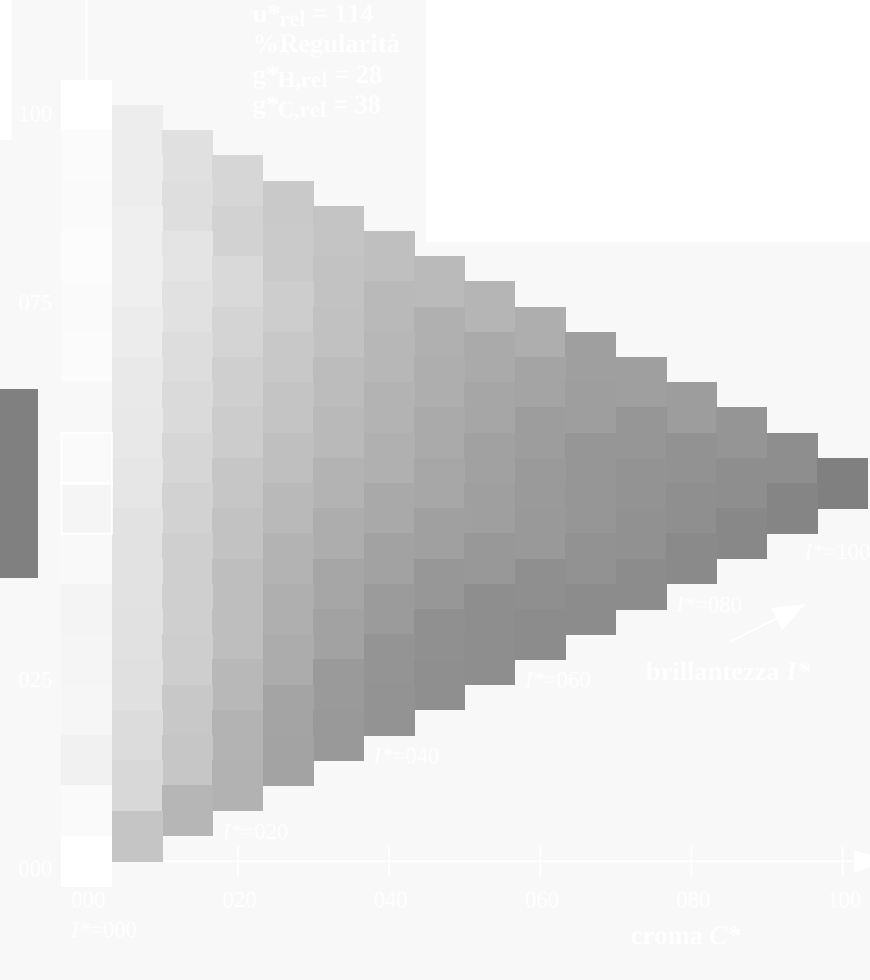
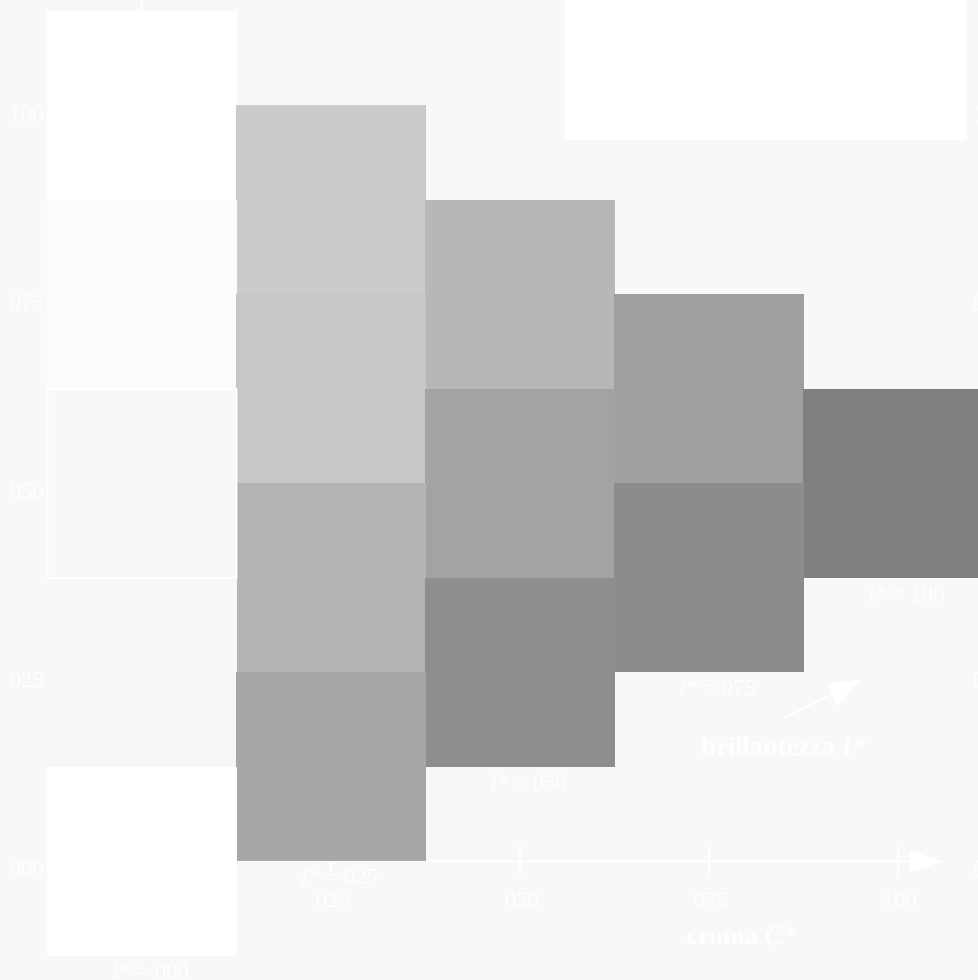
%Gamma

$u^*_{rel} = 114$

%Regularità

$g^*_{H,rel} = 26$

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



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TUB iscrizione: 20130201-QI19/QI19L0FP.PDF /.PS
la domanda per la misura di uscita della stampante laser, separazione cmyk* (CMYK)

TUB materiale: code=rh4ta
la domanda per la misura di uscita della stampante laser, separazione cmyk* (CMYK)

4-103330-L0 QI190-72

grafico TUB-QI19; codice di tinte: $H^*_d=R50Y_d$
grafico conformemente a DIN 33872, 3D=1, de=0, cmyk*

immettere: $rgb/cmyk \rightarrow rgb_{dd}$
uscita: 3D-linearizzazzione a $cmyk^*_{dd}$

4-103330-F0

Immettere y uscita: Printer Reflective System FRS06a for relative CIELAB hue $h_{ab,a,rel} = h_{ab}/360 = 73/360 = 0.2$

$H^*_d = R50Y_d$

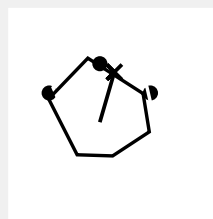
Dati del dispositivo (d) o
colori elementari (e):

HIC^*_d

codice di tonalità per i colori
questa pagina:

$H^*_d = R50Y_d$

triangolo chiarezza T^*



Il dati per il massimo colore (Ma):

$LabCh^*_{d,Ma}$: 70 19 66 69 73

$HIC^*_{d,Ma}$: R50Y_100_100_d

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

1.0 0.5 0.0 1.0 1.0

triangolo chiarezza T^*

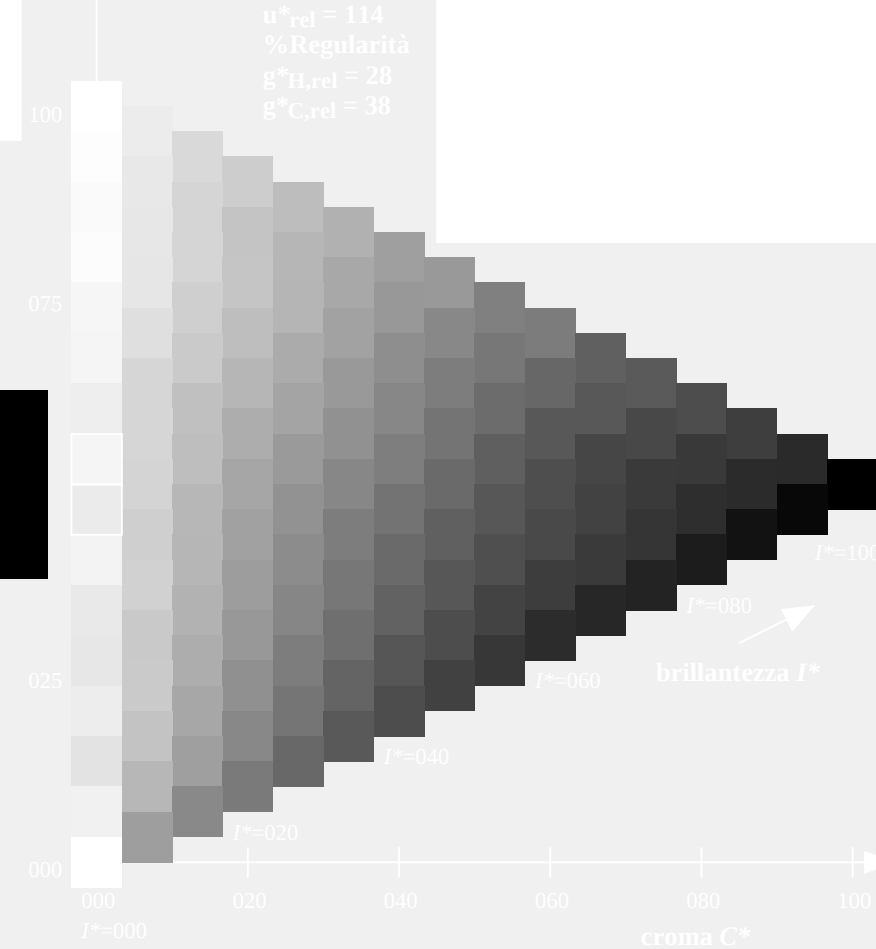
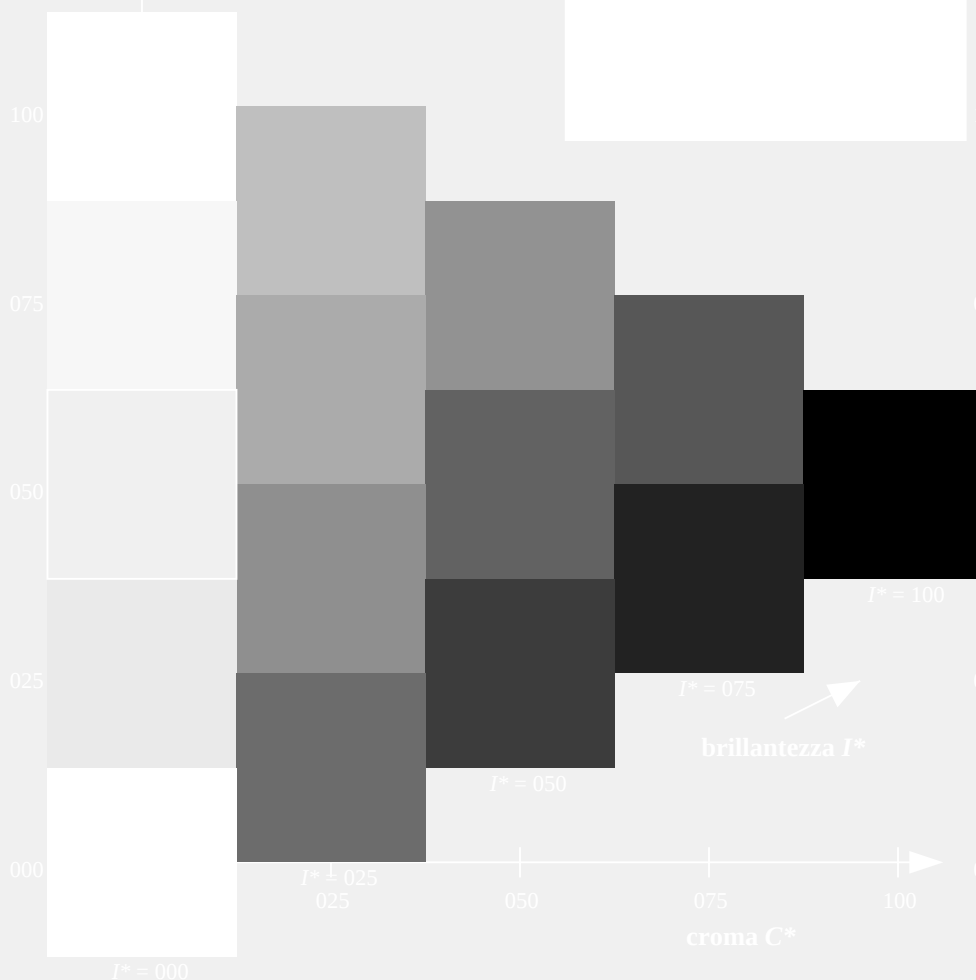
%Gamma

$u^*_{rel} = 114$

%Regularità

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

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



vedere dei file simili: <http://130.149.60.45/~farbmetrik/QI19/QI19.HTM>
informazioni tecniche: <http://www.ps.bam.de> o <http://130.149.60.45/~farbmetrik>

TUB iscrizione: 20130201-QI19/QI19L0FP.PDF /.PS
la domanda per la misura di uscita della stampante laser, separazione cmyk* (CMYK)

TUB materiale: code=rh4ta
separazione cmyk* (CMYK)

grafico TUB-QI19; codice di tinte: $H^*_d=R50Y_d$
grafico conformemente a DIN 33872, 3D=1, de=0, cmyk*

immettere: $rgb/cmyk \rightarrow rgb_{dd}$
uscita: 3D-linearizzazzione a $cmyk^*_{dd}$

Immettere y uscita: Printer Reflective System FRS06a for relative CIELAB hue $h_{ab,a,rel} = h_{ab}/360 = 73/360 = 0.2$

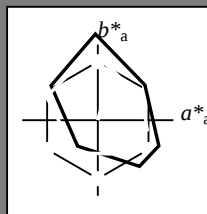
Dati del dispositivo (d) o
colori elementari (e):

HIC^*_d

codice di tonalità per i colori
questa pagina:

$H^*_d = R50Y_d$

triangolo chiarezza T^*



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

Il dati per il massimo colore (Ma):

$LabCh^*_{d,Ma}$: 70 19 66 69 73

$HIC^*_{d,Ma}$: R50Y_100_100d

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

1.0 0.5 0.0 1.0 1.0

triangolo chiarezza T^*

%Gamma

$u^*_{rel} = 114$

%Regularità

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

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

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

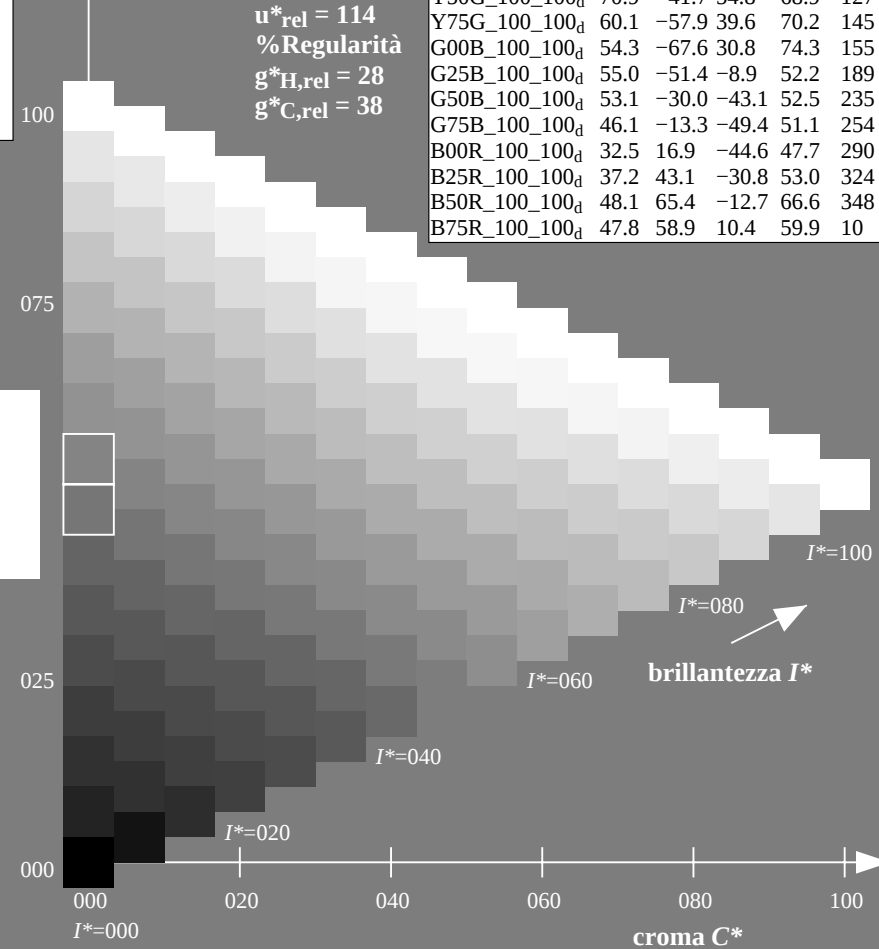
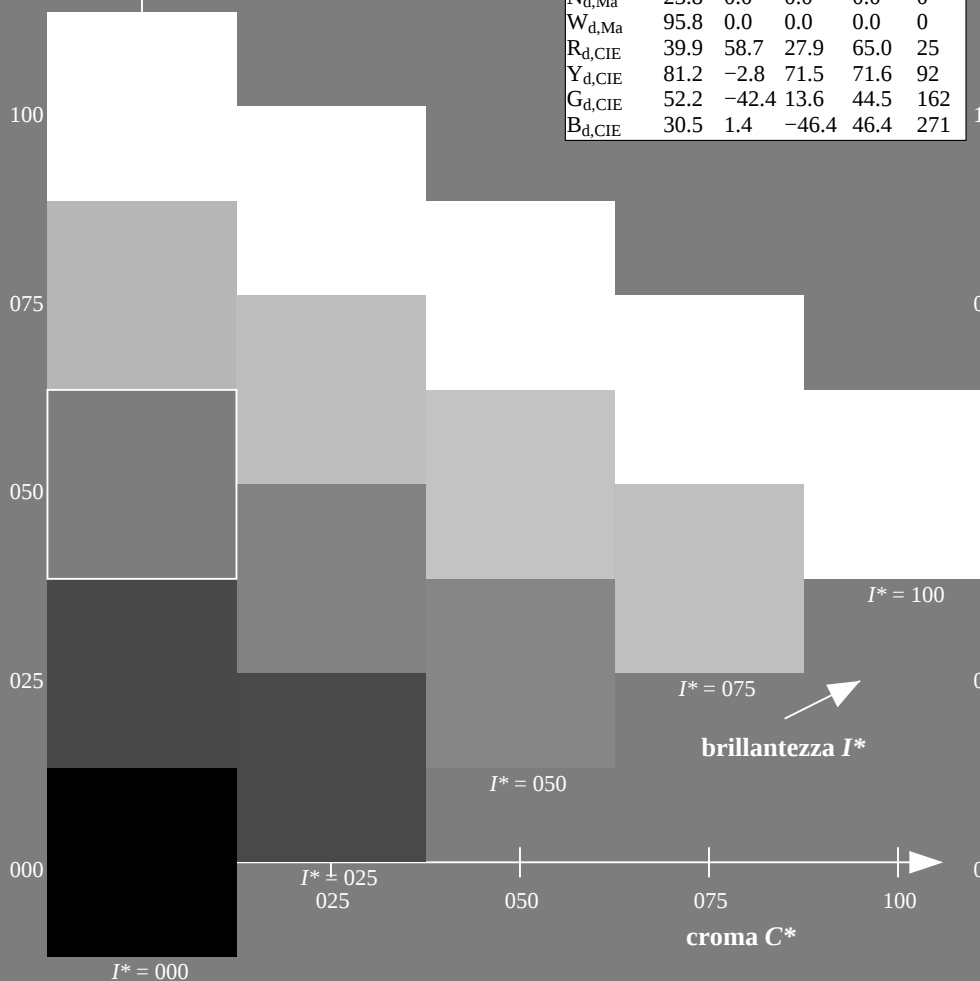


grafico TUB-QI19; codice di tinte: $H^*_d=R50Y_d$
grafico conformemente a DIN 33872, 3D=1, de=0, $cm\dot{y}k^*$

immettere: $rgb/cmyk \rightarrow rgb_{dd}$
uscita: 3D-linearizzazzione a $cm\dot{y}k^*_{dd}$

Data of Maximum color M in colorimetric system Laser printer output; separation cmyn6*, D65 for input or output; Six hue angles of the 60 degree standard colours $RYGCBM_s$: $h_{ab,ds} = 30.0, 90.0, 150.0, 210.0, 270.0, 330.0$; Six hue angles of the device colours $RYGCBM_d$: $h_{ab,d} = 33.5, 100.6, 155.5, 235.2, 290.8, 348.9$; Six hue angles of the elementary colours $RYGCBM_e$: $h_{ab,e} = 25.5, 92.3, 162.2, 217.0, 271.7, 328.6$

$J=Y_d$

$LCH^*_d = 91.5 \ 86.1 \ 100.5$

$LAB^*_d = 91.5 \ -15.8 \ 84.6$

$rgb^*_d = 1.0 \ 1.0 \ 0.0$

$L=G_d$

$LCH^*_d = 54.3 \ 74.3 \ 155.5$

$LAB^*_d = 54.3 \ -67.6 \ 30.8$

$rgb^*_d = 0.0 \ 1.0 \ 0.0$

$C=C_d$

$LCH^*_d = 53.1 \ 52.5 \ 235.1$

$LAB^*_d = 53.1 \ -30.0 \ -43.1$

$rgb^*_d = 0.0 \ 1.0 \ 1.0$

$O=R_d$

$LCH^*_d = 47.5 \ 68.6 \ 33.4$

$LAB^*_d = 47.5 \ 57.2 \ 37.8$

$rgb^*_d = 1.0 \ 0.0 \ 0.0$

$M=M_d$

$LCH^*_d = 48.1 \ 66.6 \ 348.9$

$LAB^*_d = 48.1 \ 65.4 \ -12.7$

$rgb^*_d = 1.0 \ 0.0 \ 1.0$

$V=B_d$

$LCH^*_d = 32.5 \ 47.7 \ 290.8$

$LAB^*_d = 32.5 \ 16.9 \ -44.6$

$rgb^*_d = 0.0 \ 0.0 \ 1.0$

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

$LCH^*_e = 54.9 \ 48.4 \ 216.9$

$LAB^*_e = 54.9 \ -38.7 \ -29.1$

$rgb^*_{de} = 0.0 \ 1.0 \ 0.791$

B_e

$LCH^*_e = 37.3 \ 48.7 \ 271.7$

$LAB^*_e = 37.3 \ 1.4 \ -48.6$

$rgb^*_{de} = 0.0 \ 0.261 \ 1.0$

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

$LCH^*_e = 38.5 \ 54.7 \ 328.6$

$LAB^*_e = 38.5 \ 46.7 \ -28.5$

$rgb^*_{de} = 0.584 \ 0.0 \ 1.0$

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^*, LCH^*, LAB^*

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

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

$h_{ab,s}$

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

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

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

$h_{ab,e}$

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

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

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

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

rgb^*_{de}

4-103630-L0

QI190-72

$LAB^*Ia0, YN=0\%$, $XYZZnw=3.9, 4.1, 4.1, 84.7, 89.6, 93.9$, $LAB^*nw=23.9, 0.0, 0.0, 95.8, 0.0, 0.0$

grafico TUB-QI19; codice di tinte: $H^*_d=R50Y_d$
cerchio delle tinte a 48 passi; $rgb-LabCh^*$ tavole

immettere: $rgb/cmyk \rightarrow rgb_{dd}$

uscita: 3D-linearizzazzione a $cmyk^*_{dd}$

uscita: Laser printer output; separation cmyn6*, D65, pagina 7/33

Data of Maximum color M in colorimetric system Laser printer output; separation cmyn6*, D65 for input or output; Six hue angles of the 60 degree standard colours $RYGBM_5$: $h_{ab,ds} = 30.0, 90.0, 150.0, 210.0, 270.0, 330.0$;
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)					$rgb^*_{ddx361M}$			$LAB^*_{ddx361M}$ (x=LabCh)					$rgb^*_{dsx361M}$			$LAB^*_{dsx361M}$ (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	0.0	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.							

Data of Maximum color M in colorimetric system Laser printer output; separation cmyn6*, D65 for input or output; Six hue angles of the 60 degree standard colours $RYGCBM_s$: $h_{ab,ds} = 30.0, 90.0, 150.0, 210.0, 270.0, 330.0$;
Six hue angles of the device colours $RYGCBM_d$: $h_{ab,d} = 33.5, 100.6, 155.5, 235.2, 290.8, 348.9$; Six hue angles of the elementary colours $RYGCBM_e$: $h_{ab,e} = 25.5, 92.3, 162.2, 217.0, 271.7, 328.6$

$h_{ab,d}$	$h_{ab,s}$	$h_{ab,e}$	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	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



4-103830-L0 QI190-72 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

grafico TUB-QI19; codice di tinte: $H^*_d=R50Y_d$
cerchio delle tinte a 48 passi; $rgb-LabCh^*$ tavole

immettere: $rgb/cmyk \rightarrow rgb_{dd}$
uscita: 3D-linearizzazzione a $cmyk^*_{dd}$

uscita: Laser printer output; separation cmyn6*, D65, pagina 9/33

TUB iscrizione: 20130201-QI19/QI19L0FP.PDF /.PS
la domanda per la misura di uscita della stampante laser, separazione cmyn6* (CMYK)
TUB materiale: code=rha4ta

Data of Maximum color M in colorimetric system Laser printer output; separation cmyn6*, D65 for input or output; Six hue angles of the 60 degree standard colours $RYGCBM_s$: $h_{ab,ds} = 30.0, 90.0, 150.0, 210.0, 270.0, 330.0$;
Six hue angles of the device colours $RYGCBM_d$: $h_{ab,d} = 33.5, 100.6, 155.5, 235.2, 290.8, 348.9$; Six hue angles of the elementary colours $RYGCBM_e$: $h_{ab,e} = 25.5, 92.3, 162.2, 217.0, 271.7, 328.6$

$h_{ab,d}$	$h_{ab,s}$	$h_{ab,e}$	rgb^*_{dd361M}	$LAB^*_{dd361Mi}(x=LabCh)$	R_d	$rgb^*_{ds361Mi}$	$LAB^*_{ds361Mi}(x=LabCh)$	R_s	$rgb^*_{dd361Mi}$	$LAB^*_{de361Mi}$	R_e	$rgb^*_{dd361Mi}$	rgb^*_{dd}	rgb^*_{ds}	rgb^*_{de}
33	30	25	1.0	0.0	0.0	47.5	57.2	37.8	68.6	33	1.0	0.0	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	0.017	0.0	0.0
35	32	27	1.0	0.033	0.0	48.7	56.6	40.8	69.8	35	1.0	0.0	0.033	0.0	0.0
36	33	28	1.0	0.05	0.0	49.3	56.3	42.3	70.4	36	1.0	0.0	0.05	0.0	0.0
38	34	29	1.0	0.066	0.0	49.9	55.9	43.9	71.1	38	1.0	0.0	0.067	0.0	0.0
39	35	31	1.0	0.083	0.0	50.5	55.5	45.4	71.7	39	1.0	0.0	0.083	0.0	0.0
40	36	32	1.0	0.1	0.0	51.0	55.0	46.9	72.3	40	1.0	0.0	0.1	0.0	0.0
41	37	33	1.0	0.116	0.0	51.6	54.5	48.4	72.9	41	1.0	0.0	0.117	0.0	0.0
42	38	34	1.0	0.133	0.0	52.3	53.4	49.7	73.0	42	1.0	0.0	0.133	0.0	0.0
44	39	35	1.0	0.15	0.0	53.2	51.8	50.6	72.4	44	1.0	0.0	0.15	0.0	0.0
45	40	36	1.0	0.166	0.0	54.0	50.2	51.5	71.9	45	1.0	0.0	0.167	0.0	0.0
47	41	37	1.0	0.183	0.0	54.9	48.5	52.3	71.4	47	1.0	0.0	0.183	0.0	0.0
48	42	38	1.0	0.2	0.0	55.7	46.8	53.1	70.8	48	1.0	0.0	0.2	0.0	0.0
50	43	39	1.0	0.216	0.0	56.6	45.2	53.8	70.3	50	1.0	0.0	0.217	0.0	0.0
51	44	41	1.0	0.233	0.0	57.4	43.5	54.5	69.7	51	1.0	0.0	0.233	0.0	0.0
52	45	42	1.0	0.25	0.0	58.2	41.8	55.1	69.2	52	1.0	0.0	0.25	0.0	0.0
54	46	43	1.0	0.266	0.0	59.1	40.2	56.0	69.0	54	1.0	0.0	0.267	0.0	0.0
55	47	44	1.0	0.283	0.0	59.9	38.6	56.8	68.7	55	1.0	0.0	0.283	0.0	0.0
57	48	45	1.0	0.3	0.0	60.8	37.1	57.5	68.5	57	1.0	0.0	0.3	0.0	0.0
58	49	46	1.0	0.316	0.0	61.6	35.5	58.2	68.2	58	1.0	0.0	0.317	0.0	0.0
60	50	47	1.0	0.333	0.0	62.5	33.9	58.9	68.0	60	1.0	0.0	0.333	0.0	0.0
61	51	48	1.0	0.35	0.0	63.3	32.2	59.5	67.7	61	1.0	0.0	0.35	0.0	0.0
63	52	49	1.0	0.366	0.0	64.2	30.6	60.1	67.5	63	1.0	0.0	0.367	0.0	0.0
64	53	51	1.0	0.383	0.0	65.0	29.1	60.8	67.4	64	1.0	0.0	0.383	0.0	0.0
65	54	52	1.0	0.4	0.0	65.8	27.8	61.7	67.7	65	1.0	0.0	0.4	0.0	0.0
67	55	53	1.0	0.416	0.0	66.6	26.4	62.5	67.9	67	1.0	0.0	0.417	0.0	0.0
68	56	54	1.0	0.433	0.0	67.3	25.0	63.3	68.1	68	1.0	0.0	0.433	0.0	0.0
69	57	55	1.0	0.45	0.0	68.1	23.6	64.1	68.3	69	1.0	0.0	0.45	0.0	0.0
71	58	56	1.0	0.466	0.0	68.9	22.1	64.8	68.5	71	1.0	0.0	0.467	0.0	0.0
72	59	57	1.0	0.483	0.0	69.7	20.7	65.6	68.8	72	1.0	0.0	0.483	0.0	0.0
73	60	58	1.0	0.5	0.0	70.5	19.2	66.2	69.0	73	1.0	0.0	0.5	0.0	0.0
74	61	60	1.0	0.516	0.0	71.0	18.2	66.9	69.3	74	1.0	0.0	0.517	0.0	0.0
75	62	61	1.0	0.533	0.0	71.6	17.2	67.5	69.7	75	1.0	0.0	0.533	0.0	0.0
76	63	62	1.0	0.55	0.0	72.2	16.2	68.1	70.0	76	1.0	0.0	0.55	0.0	0.0
77	64	63	1.0	0.566	0.0	72.8	15.1	68.7	70.4	77	1.0	0.0	0.567	0.0	0.0
78	65	64	1.0	0.583	0.0	73.4	14.1	69.3	70.7	78	1.0	0.0	0.583	0.0	0.0
79	66	65	1.0	0.6	0.0	74.0	13.0	69.9	71.1	79	1.0	0.0	0.6	0.0	0.0
80	67	66	1.0	0.616	0.0	74.6	12.0	70.4	71.4	80	1.0	0.0	0.617	0.0	0.0
81	68	67	1.0	0.633	0.0	75.4	10.6	71.2	72.0	81	1.0	0.0	0.633	0.0	0.0
82	69	68	1.0	0.65	0.0	76.5	8.9	72.1	72.7	82	1.0	0.0	0.65	0.0	0.0
84	70	70	1.0	0.666	0.0	77.5	7.2	73.0	73.4	84	1.0	0.0	0.667	0.0	0.0
85	71	71	1.0	0.683	0.0	78.6	5.4	73.9	74.1	85	1.0	0.0	0.683	0.0	0.0
87	72	72	1.0	0.7	0.0	79.7	3.6	74.7	74.8	87	1.0	0.0	0.7	0.0	0.0
88	73	73	1.0	0.716	0.0	80.8	1.7	75.5	75.5	88	1.0	0.0	0.717	0.0	0.0
-269	74	74	1.0	0.733	0.0	81.8	-0.1	76.3	76.3	-269	1.0	0.0	0.733	0.0	0.0
-268	75	75	1.0	0.75	0.0	82.9	-2.0	76.9	77.0	-268	1.0	0.0	0.75	0.0	0.0

4-103930-L0 QI190-72 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 cmyn6*, D65, pagina 10/33

grafico TUB-QI19; codice di tinte: $H^*_d=R50Y_d$
cerchio delle tinte a 48 passi; $rgb-LabCh^*$ tavole

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

4-103930-F0

vedere dei file simili: <http://130.149.60.45/~farbmetrik/QI19/QI19L0FP.PDF> / .PS
informazioni tecniche: <http://www.ps.bam.de> o <http://130.149.60.45/~farbmetrik>

TUB iscrizione: 20130201-QI19/QI19L0FP.PDF / .PS
la domanda per la misura di uscita della stampante laser, separazione cmyn6* (CMYK)
TUB materiale: code=rha4ta

Data of Maximum color M in colorimetric system Laser printer output; separation cmyn6*, 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* _{dd361Mi} (x=LabCh)			rgb* _{ds361Mi}	LAB* _{dsx361Mi} (x=LabCh)			rgb* _{dd361Mi}	rgb* _{de361Mi}	LAB* _{dex361Mi} (x=LabCh)			rgb* _{dd361Mi}	rgb* _{dd}																	
-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								

Data of Maximum color M in colorimetric system Laser printer output; separation cmyn6*, D65 for input or output; Six hue angles of the 60 degree standard colours $RYGCBM_s$: $h_{ab,ds} = 30.0, 90.0, 150.0, 210.0, 270.0, 330.0$;
Six hue angles of the device colours $RYGCBM_d$: $h_{ab,d} = 33.5, 100.6, 155.5, 235.2, 290.8, 348.9$; Six hue angles of the elementary colours $RYGCBM_e$: $h_{ab,e} = 25.5, 92.3, 162.2, 217.0, 271.7, 328.6$

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

4-1031130-L0 QI190-72 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 cmyn6*, D65, pagina 12/33

grafico TUB-QI19; codice di tinte: $H^*_d=R50Y_d$
cerchio delle tinte a 48 passi; $rgb-LabCh^*$ tavole

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

4-1031130-F0

TUB iscrizione: 20130201-QI19/QI19L0FP.PDF /.PS
la domanda per la misura di uscita della stampante laser, separazione cmyn6* (CMYK)

TUB materiale: code=rha4ta

Data of Maximum color M in colorimetric system Laser printer output; separation cmyn6*, D65 for input or output; Six hue angles of the 60 degree standard colours $RYGCBM_{\lambda}$: $h_{ab,ds} = 30.0, 90.0, 150.0, 210.0, 270.0, 330.0$;
Six hue angles of the device colours $RYGCBM_{\lambda}$: $h_{ab,d} = 33.5, 100.6, 155.5, 235.2, 290.8, 348.9$; Six hue angles of the elementary colours $RYGCBM_{\lambda}$: $h_{ab,e} = 25.5, 92.3, 162.2, 217.0, 271.7, 328.6$

$h_{ab,d}$	$h_{ab,s}$	$h_{ab,e}$	rgb^*_{dd361M}	$LAB^*_{ddx361Mi}(x=LabCh)$	$rgb^*_{ds361Mi}$	$LAB^*_{dsx361Mi}(x=LabCh)$	$rgb^*_{dd361Mi}$	$rgb^*_{de361Mi}$	$LAB^*_{dex361Mi}(x=LabCh)$	$rgb^*_{dd361Mi}$	rgb^*_{dd}	rgb^*_{ds}	rgb^*_{de}
168	165	175	0.0	1.0	0.25	53.7	-63.1	12.8	64.4	168	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	0.267
171	167	177	0.0	1.0	0.283	54.0	-61.7	9.1	62.4	171	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	0.3
174	169	179	0.0	1.0	0.316	54.3	-60.1	5.6	60.3	174	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	0.333
177	171	181	0.0	1.0	0.35	54.5	-58.2	2.3	58.3	177	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	0.367
180	173	183	0.0	1.0	0.383	54.7	-56.5	-0.6	56.5	180	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	0.4
183	175	185	0.0	1.0	0.416	54.8	-55.2	-3.1	55.2	183	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	0.433
185	177	186	0.0	1.0	0.45	54.9	-53.7	-5.5	54.0	185	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	0.467
188	179	188	0.0	1.0	0.483	55.0	-52.2	-7.8	52.8	188	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	0.5
191	181	190	0.0	1.0	0.516	55.0	-50.6	-10.5	51.7	191	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	0.533
195	183	192	0.0	1.0	0.55	55.1	-48.8	-13.7	50.7	195	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	0.567
199	185	194	0.0	1.0	0.583	55.2	-46.8	-16.6	49.7	199	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	0.6
203	187	195	0.0	1.0	0.616	55.3	-44.7	-19.4	48.7	203	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	0.633
206	189	197	0.0	1.0	0.65	55.3	-43.3	-21.5	48.3	206	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	0.667
209	191	199	0.0	1.0	0.683	55.2	-42.1	-23.4	48.2	209	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	0.7
211	193	201	0.0	1.0	0.716	55.2	-40.8	-25.3	48.0	211	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	0.733
214	195	203	0.0	1.0	0.75	55.2	-39.5	-27.1	47.9	214	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	0.767
216	197	205	0.0	1.0	0.783	55.0	-38.8	-28.7	48.3	216	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	0.8
218	199	206	0.0	1.0	0.816	54.8	-38.1	-30.3	48.7	218	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	0.833
220	201	208	0.0	1.0	0.85	54.6	-37.3	-31.9	49.1	220	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	0.867
222	203	210	0.0	1.0	0.883	54.3	-36.4	-33.7	49.6	222	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	0.9
226	205	212	0.0	1.0	0.916	54.0	-34.8	-36.5	50.4	226	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	0.933
229	207	214	0.0	1.0	0.95	53.6	-33.0	-39.2	51.2	229	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	0.967
233	209	216	0.0	1.0	0.983	53.3	-31.0	-41.8	52.1	233	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	1.0

4-1031230-L0 QI190-72 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 cmyn6*, D65, pagina 13/33

grafico TUB-QI19; codice di tinte: $H^*_d=R50Y_d$
cerchio delle tinte a 48 passi; $rgb-LabCh^*$ tavole

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

TUB iscrizione: 20130201-QI19/QI19L0FP.PDF /PS
la domanda per la misura di uscita della stampante laser, separazione cmyn6* (CMYK)

TUB materiale: code=rha4ta

Data of Maximum color M in colorimetric system Laser printer output; separation cmyrn6*, 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 $RYGCBM_e$: $h_{ab,e} = 25.5, 92.3, 162.2, 217.0, 271.7, 328.6$

The angles of the three colours (C _d , C _s , C _e) in the LabCh space, and the angles of the elementary colours (R, G, B) in the LabCh space.										The angles of the three colours (C _d , C _s , C _e) in the LabCh space, and the angles of the elementary colours (R, G, B) in the LabCh space.										The angles of the three colours (C _d , C _s , C _e) in the LabCh space, and the angles of the elementary colours (R, G, B) in the LabCh space.													
$h_{ab,d}$	$h_{ab,s}$	$h_{ab,e}$	rgb^*_{dd361M}	$LAB^*_{dd361Mi}(x=LabCh)$	C_d	$rgb^*_{ds361Mi}$	$LAB^*_{ds361Mi}(x=LabCh)$	C_s	$rgb^*_{de361Mi}$	$LAB^*_{de361Mi}(x=LabCh)$	C_e	$rgb^*_{dd361Mi}$	$rgb^*_{ds361Mi}$	$rgb^*_{de361Mi}$																			
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	0.792	55.0	-38.6	-29.0	48.4	216	0.0	1.0	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	
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</															

Data of Maximum color M in colorimetric system Laser printer output; separation cmyn6*, D65 for input or output; Six hue angles of the 60 degree standard colours $RYGCBM_s$: $h_{ab,ds} = 30.0, 90.0, 150.0, 210.0, 270.0, 330.0$;
Six hue angles of the device colours $RYGCBM_d$: $h_{ab,d} = 33.5, 100.6, 155.5, 235.2, 290.8, 348.9$; Six hue angles of the elementary colours $RYGCBM_e$: $h_{ab,e} = 25.5, 92.3, 162.2, 217.0, 271.7, 328.6$

Line angles of the device colours (RGB) (x=LabCh)					Line angles of the elementary colours (RGB) (x=LabCh)					Line angles of the device colours (RGB) (x=LabCh)					Line angles of the elementary colours (RGB) (x=LabCh)									
$h_{ab,d}$	$h_{ab,s}$	$h_{ab,e}$	$rgb^*_{dd361Mi}$	LAB^*_{d361Mi} (x=LabCh)	$rgb^*_{ds361Mi}$	$LAB^*_{ds361Mi}$ (x=LabCh)	$rgb^*_{dd361Mi}$	$LAB^*_{de361Mi}$	$rgb^*_{dex361Mi}$ (x=LabCh)	$rgb^*_{dd361Mi}$	$LAB^*_{de361Mi}$	$rgb^*_{dd361Mi}$	$LAB^*_{de361Mi}$											
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	0.434 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	0.418 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	0.0	0.283 1.0	38.1	0.0	-48.8 48.9	270	0.0	0.0 1.0	0.0	0.261 1.0	37.3	1.5	-48.6 48.7	271	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	0.017 0.0	1.0	0.0	0.249 1.0	36.9	2.3	-48.5 48.6	272	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.									

Data of Maximum color M in colorimetric system Laser printer output; separation cmyn6*, D65 for input or output; Six hue angles of the 60 degree standard colours $RYGCBM_s$: $h_{ab,ds} = 30.0, 90.0, 150.0, 210.0, 270.0, 330.0$;
Six hue angles of the device colours $RYGCBM_d$: $h_{ab,d} = 33.5, 100.6, 155.5, 235.2, 290.8, 348.9$; Six hue angles of the elementary colours $RYGCBM_e$: $h_{ab,e} = 25.5, 92.3, 162.2, 217.0, 271.7, 328.6$

Six hue angles of the device colours RYGBCM _d : $h_{ab,d} = 33.3, 100.6, 155.5, 235.2, 290.8, 348.9$; Six hue angles of the elementary colours RYGBCM _e : $h_{ab,e} = 25.5, 92.3, 162.2, 217.0, 271.7, 328.6$																																
$h_{ab,d}$	$h_{ab,s}$	$h_{ab,e}$	rgb^*_{dd361M}	$LAB^*_{dxx361Mi} (x=LabCh)$	$rgb^*_{ds361Mi}$	$LAB^*_{dsx361Mi} (x=LabCh)$	$rgb^*_{dd361Mi}$	$LAB^*_{dex361Mi} (x=LabCh)$	$rgb^*_{dd361Mi}$	rgb^*_{dd}	rgb^*_{ds}	rgb^*_{de}																				
324	300	300	0.5	0.0	1.0	37.2	43.1	-30.8	53.0	324	0.136	0.0	1.0	31.6	24.3	-41.9	48.5	300	0.5	0.0	1.0	0.139	0.0	1.0	31.5	24.4	-41.9	48.6	300	0.5	0.0	1.0
325	301	301	0.516	0.0	1.0	37.4	43.8	-30.4	53.4	325	0.151	0.0	1.0	31.5	25.1	-41.6	48.7	301	0.517	0.0	1.0	0.153	0.0	1.0	31.5	25.2	-41.6	48.7	301	0.517	0.0	1.0
326	302	302	0.533	0.0	1.0	37.7	44.5	-29.9	53.7	326	0.165	0.0	1.0	31.4	25.9	-41.3	48.9	302	0.533	0.0	1.0	0.166	0.0	1.0	31.4	26.0	-41.3	48.9	302	0.533	0.0	1.0
326	303	303	0.55	0.0	1.0	37.9	45.3	-29.5	54.0	326	0.18	0.0	1.0	31.4	26.7	-41.0	49.0	303	0.55	0.0	1.0	0.18	0.0	1.0	31.4	26.7	-41.0	49.0	303	0.55	0.0	1.0
327	304	303	0.566	0.0	1.0	38.2	46.0	-29.0	54.4	327	0.194	0.0	1.0	31.3	27.5	-40.7	49.2	304	0.567	0.0	1.0	0.194	0.0	1.0	31.3	27.5	-40.7	49.2	303	0.567	0.0	1.0
328	305	304	0.583	0.0	1.0	38.4	46.7	-28.5	54.7	328	0.209	0.0	1.0	31.2	28.3	-40.3	49.4	305	0.583	0.0	1.0	0.208	0.0	1.0	31.2	28.3	-40.4	49.4	304	0.583	0.0	1.0
329	306	305	0.6	0.0	1.0	38.7	47.4	-28.0	55.1	329	0.224	0.0	1.0	31.1	29.1	-40.0	49.5	306	0.6	0.0	1.0	0.222	0.0	1.0	31.2	29.0	-40.0	49.5	305	0.6	0.0	1.0
330	307	306	0.616	0.0	1.0	38.9	48.1	-27.5	55.4	330	0.238	0.0	1.0	31.1	29.9	-39.6	49.7	307	0.617	0.0	1.0	0.235	0.0	1.0	31.1	29.8	-39.7	49.7	306	0.617	0.0	1.0
331	308	307	0.633	0.0	1.0	39.2	48.9	-26.9	55.8	331	0.252	0.0	1.0	31.1	30.7	-39.2	49.9	308	0.633	0.0	1.0	0.249	0.0	1.0	31.0	30.5	-39.3	49.8	307	0.633	0.0	1.0
332	309	308	0.65	0.0	1.0	39.6	49.8	-26.2	56.3	332	0.265	0.0	1.0	31.4	31.5	-38.8	50.1	309	0.65	0.0	1.0	0.261	0.0	1.0	31.3	31.3	-39.0	50.0	308	0.65	0.0	1.0
333	310	309	0.666	0.0	1.0	40.0	50.7	-25.4	56.8	333	0.278	0.0	1.0	31.8	32.3	-38.4	50.3	310	0.667	0.0	1.0	0.274	0.0	1.0	31.6	32.1	-38.6	50.2	309	0.667	0.0	1.0
334	311	310	0.683	0.0	1.0	40.4	51.6	-24.7	57.2	334	0.291	0.0	1.0	32.1	33.1	-38.0	50.5	311	0.683	0.0	1.0	0.286	0.0	1.0	32.0	32.8	-38.2	50.4	310	0.683	0.0	1.0
335	312	311	0.7	0.0	1.0	40.7	52.5	-23.9	57.7	335	0.304	0.0	1.0	32.4	33.9	-37.6	50.7	312	0.7	0.0	1.0	0.298	0.0	1.0	32.3	33.6	-37.8	50.6	311	0.7	0.0	1.0
336	313	312	0.716	0.0	1.0	41.1	53.4	-23.1	58.2	336	0.317	0.0	1.0	32.8	34.7	-37.2	50.9	313	0.717	0.0	1.0	0.31	0.0	1.0	32.6	34.3	-37.4	50.8	312	0.717	0.0	1.0
337	314	313	0.733	0.0	1.0	41.5	54.3	-22.3	58.7	337	0.33	0.0	1.0	33.1	35.5	-36.7	51.1	314	0.733	0.0	1.0	0.323	0.0	1.0	32.9	35.1	-37.0	51.0	313	0.733	0.0	1.0
338	315	314	0.75	0.0	1.0	41.8	55.1	-21.4	59.1	338	0.343	0.0	1.0	33.4	36.3	-36.2	51.4	315	0.75	0.0	1.0	0.335	0.0	1.0	33.2	35.8	-36.5	51.2	314	0.75	0.0	1.0
339	316	315	0.766	0.0	1.0	42.4	55.8	-20.9	59.6	339	0.356	0.0	1.0	33.8	37.1	-35.7	51.6	316	0.767	0.0	1.0	0.347	0.0	1.0	33.5	36.6	-36.0	51.4	315	0.767	0.0	1.0
340	317	316	0.783	0.0	1.0	42.9	56.5	-20.4	60.1	340	0.368	0.0	1.0	34.1	37.9	-35.2	51.8	317	0.783	0.0	1.0	0.359	0.0	1.0	33.9	37.3	-35.6	51.6	316	0.783	0.0	1.0
340	318	317	0.8	0.0	1.0	43.4	57.2	-19.8	60.5	340	0.384	0.0	1.0	34.5	38.6	-34.7	52.0	318	0.8	0.0	1.0	0.371	0.0	1.0	34.2	38.0	-35.1	51.8	317	0.8	0.0	1.0
341	319	318	0.816	0.0	1.0	43.9	57.8	-19.3	61.0	341	0.402	0.0	1.0	34.9	39.3	-34.1	52.1	319	0.817	0.0	1.0	0.387	0.0	1.0	34.6	38.8	-34.6	52.0	318	0.817	0.0	1.0
342	320	319	0.833	0.0	1.0	44.4	58.5	-18.7	61.4	342	0.42	0.0	1.0	35.3	40.1	-33.5	52.3	320	0.833	0.0	1.0	0.404	0.0	1.0	35.0	39.4	-34.0	52.2	319	0.833	0.0	1.0
342	321	320	0.85	0.0	1.0	44.9	59.1	-18.2	61.9	342	0.438	0.0	1.0	35.8	40.8	-32.9	52.5	321	0.85	0.0	1.0	0.421	0.0	1.0	35.4	40.1	-33.5	52.3	320	0.85	0.0	1.0
343	322	321	0.866	0.0	1.0	45.4	59.8	-17.6	62.3	343	0.456	0.0	1.0	36.2	41.5	-32.3	52.7	322	0.867	0.0	1.0	0.439	0.0	1.0	35.8	40.8	-32.9	52.5	321	0.867	0.0	1.0
344	323	321	0.883	0.0	1.0	45.8	60.5	-17.0	62.8	344	0.474	0.0	1.0	36.6	42.2	-31.7	52.8	323	0.883	0.0	1.0	0.456	0.0	1.0	36.2	41.5	-32.3	52.6	321	0.883	0.0	1.0
344	324	322	0.9	0.0	1.0	46.1	61.2	-16.4	63.4	344	0.492	0.0	1.0	37.1	42.9	-31.1	53.0	324	0.9	0.0	1.0	0.473	0.0	1.0	36.6	42.1	-31.7	52.8	322	0.9	0.0	1.0
345	325	323	0.916	0.0	1.0	46.5	61.9	-15.9	63.9	345	0.512	0.0	1.0	37.4	43.7	-30.5	53.3	325	0.917	0.0	1.0	0.49	0.0	1.0	37.0	42.8	-31.1	53.0	323	0.917	0.0	1.0
346	326	324	0.933	0.0	1.0	46.8	62.6	-15.3	64.5	346	0.532	0.0	1.0	37.7	44.5	-29.9	53.7	326	0.933	0.0	1.0	0.508	0.0	1.0	37.4	43.5	-30.6	53.2	324	0.933	0.0	1.0
346	327	325	0.95	0.0	1.0	47.1	63.3	-14.6	65.0	346	0.552	0.0	1.0	38.0	45.4	-29.4	54.1	327	0.95	0.0	1.0	0.527	0.0	1.0	37.6	44.3	-30.1	53.6	325	0.95	0.0	1.0
347	328	326	0.966	0.0	1.0	47.5	64.0	-14.0	65.5	347	0.572	0.0	1.0	38.3	46.2	-28.8	54.5	328	0.967	0.0	1.0	0.546	0.0	1.0	37.9	45.1	-29.5	54.0	326	0.967	0.0	1.0
348	329	327	0.983	0.0	1.0	47.8	64.7	-13.4	66.1	348	0.592	0.0	1.0	38.6	47.1	-28.2	54.9	329	0.983	0.0	1.0	0.565	0.0	1.0	38.2	46.0	-29.0	54.4	327	0.983	0.0	1.0
348	330	328	1.0	0.0	1.0	48.1	65.4	-12.7	66.6	348	M_d 0.612	0.0	1.0	38.9	47.9	-27.6	55.4	330	M_s 1.0	0.0	1.0	0.584	0.0	1.0	38.5	46.8	-28.4	54.8	328	M_e 1.0	0.0	1.0
349	331	329	1.0	0.0	0.983	48.3	65.5	-12.5	66.7	349	0.631	0.0	1.0	39.2	48.8	-26.9	55.8	331	1.0	0.0	0.983	0.603	0.0	1.0	38.8	47.6	-27.9	55.2	329	1.0	0.0	0.983
349	332	330	1.0	0.0	0.966	48.5	65.6	-12.2	66.7	349	0.646	0.0	1.0	39.6	49.6	-26.3	56.2	332	1.0	0.0	0.967	0.623	0.0	1.0	39.1	48.4	-27.3	55.6	330	1.0	0.0	0.967
349	333	331	1.0	0.0	0.95	48.7	65.7	-11.9	66.8	349	0.662	0.0	1.0	39.9	50.5	-25.6	56.7	333	1.0	0.0	0.95	0.638	0.0	1.0	39.4	49.2	-26.7	5				

Data of Maximum color M in colorimetric system Laser printer output; separation cmyn6*, D65 for input or output; Six hue angles of the 60 degree standard colours $RYGCBM_s$: $h_{ab,ds} = 30.0, 90.0, 150.0, 210.0, 270.0, 330.0$;
Six hue angles of the device colours $RYGCBM_d$: $h_{ab,d} = 33.5, 100.6, 155.5, 235.2, 290.8, 348.9$; Six hue angles of the elementary colours $RYGCBM_e$: $h_{ab,e} = 25.5, 92.3, 162.2, 217.0, 271.7, 328.6$

$h_{ab,d}$	$h_{ab,s}$	$h_{ab,e}$	rgb^*_{dd361M}	$LAB^*_{dd361Mi} (x=LabCh)$	$rgb^*_{ds361Mi}$	$LAB^*_{ds361Mi} (x=LabCh)$	$rgb^*_{dd361Mi}$	$LAB^*_{de361Mi}$	$rgb^*_{dex361Mi} (x=LabCh)$	$rgb^*_{dd361Mi}$	rgb^*_{dd}	rgb^*_{ds}	rgb^*_{de}
354	345	342	1.0	0.0	0.75	49.3	64.5	-6.5	64.8	354	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	0.733
356	347	344	1.0	0.0	0.716	48.9	63.9	-4.1	64.0	356	0.951	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	0.7
358	349	346	1.0	0.0	0.683	48.6	63.2	-1.8	63.2	358	1.0	0.0	0.683
359	350	347	1.0	0.0	0.666	48.4	62.8	-0.6	62.8	359	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	0.65
361	352	349	1.0	0.0	0.633	48.0	62.0	1.5	62.0	361	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	0.617
363	354	351	1.0	0.0	0.6	47.9	61.3	3.8	61.4	363	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	0.583
365	356	353	1.0	0.0	0.566	47.9	60.6	6.0	60.9	365	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	0.55
367	358	355	1.0	0.0	0.533	47.8	59.8	8.2	60.4	367	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	0.517
370	360	352	1.0	0.0	0.5	47.8	58.9	10.4	59.9	370	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	0.483
372	362	354	1.0	0.0	0.466	47.7	58.5	12.8	59.9	372	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	0.45
374	364	356	1.0	0.0	0.433	47.5	58.0	15.2	60.0	374	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	0.417
377	366	358	1.0	0.0	0.4	47.4	57.3	17.7	60.0	377	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	0.383
379	368	360	1.0	0.0	0.366	47.4	56.8	20.0	60.2	379	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	0.35
381	370	363	1.0	0.0	0.333	47.4	56.6	22.1	60.8	381	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	0.317
383	372	365	1.0	0.0	0.3	47.5	56.4	24.3	61.4	383	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	0.283
385	374	367	1.0	0.0	0.266	47.5	56.1	26.5	62.0	385	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	0.25
386	376	369	1.0	0.0	0.233	47.5	56.0	28.4	62.8	386	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	0.217
388	378	372	1.0	0.0	0.2	47.6	56.1	30.2	63.8	388	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	0.183
389	380	374	1.0	0.0	0.166	47.6	56.3	32.0	64.7	389	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	0.15
390	382	376	1.0	0.0	0.133	47.6	56.3	33.8	65.7	390	1.0	0.0	0.133
391	383	377	1.0	0.0	0.116	47.6	56.4	34.5	66.1	391	1.0	0.0	0.117
391	384	378	1.0	0.0	0.1	47.6	56.5	34.9	66.5	391	1.0	0.0	0.1
392	385	379	1.0	0.0	0.083	47.6	56.6	35.4	66.8	392	1.0	0.0	0.083
392	386	381	1.0	0.0	0.066	47.6	56.7	35.9	67.2	392	1.0	0.0	0.067
392	387	382	1.0	0.0	0.049	47.6	56.9	36.4	67.5	392	1.0	0.0	0.05
392	388	383	1.0	0.0	0.033	47.6	57.0	36.8	67.9	392	1.0	0.0	0.033
393	389	384	1.0	0.0	0.016	47.6	57.1	37.3	68.2	393	1.0	0.0	0.017
393	390	385	1.0	0.0	0.0	47.5	57.2	37.8	68.6	393	1.0	0.0	0.0

4-1031630-L0 QI190-72 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 cmyn6*, D65, pagina 17/33

grafico TUB-QI19; codice di tinte: $H^*_d=R50Y_d$
cerchio delle tinte a 48 passi; $rgb-LabCh^*$ tavole

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

TUB iscrizione: 20130201-QI19/QI19L0FP.PDF /PS
la domanda per la misura di uscita della stampante laser, separazione cmyn6* (CMYK)
TUB materiale: code=rha4ta

TUB iscrizione: 20130201-QI19/QI19L0FP.PDF /.PS
la domanda per la misura di uscita della stampante laser, separazione cmyn6* (CMYK)

TUB materiale: code=rha4ta

immettere: *rgb/cmyk* -> *rgbd*
uscita: 3D-linearizzazione a *cmyk**dd

n/f	HfC*Fid	rgb_Fid	icr_Fid	hsa_Fid	rgb*Fid	LabC*Fid	cmyn*sep_Fid	cmyk*Fid	rgb*dd	hsa*dd	LabC*dd	cmyn*dd	cmyk*dd	delta
0/648	R0Y_100_100dd	1.0	0.0	0.0	1.0	0.0	0.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0
1/666	R25Y_100_100dd	0.25	0.0	0.0	0.25	0.0	0.0	0.0	0.25	0.0	0.0	0.25	0.0	0.0
2/684	R50Y_100_100dd	0.5	0.0	0.0	0.5	0.0	0.0	0.0	0.5	0.0	0.0	0.5	0.0	0.0
3/702	R75Y_100_100dd	0.75	0.0	0.0	0.75	0.0	0.0	0.0	0.75	0.0	0.0	0.75	0.0	0.0
4/720	Y00C_100_100dd	1.0	0.0	0.0	1.0	0.0	0.0	0.0	1.0	0.0	0.0	1.0	0.0	0.0
5/738	Y25C_100_100dd	0.75	0.0	0.0	0.75	0.0	0.0	0.0	0.75	0.0	0.0	0.75	0.0	0.0
6/756	Y50C_100_100dd	0.5	0.0	0.0	0.5	0.0	0.0	0.0	0.5	0.0	0.0	0.5	0.0	0.0
7/774	Y75C_100_100dd	0.25	0.0	0.0	0.25	0.0	0.0	0.0	0.25	0.0	0.0	0.25	0.0	0.0
8/792	G00B_100_100dd	0.0	1.0	0.0	0.0	1.0	0.0	0.0	0.0	1.0	0.0	0.0	0.0	0.0
9/792	G25B_100_100dd	0.0	1.0	0.0	0.0	1.0	0.0	0.0	0.0	1.0	0.0	0.0	0.0	0.0
10/766	G50B_100_100dd	0.0	1.0	0.0	0.0	1.0	0.0	0.0	0.0	1.0	0.0	0.0	0.0	0.0
11/840	G75B_100_100dd	0.0	1.0	0.0	0.0	1.0	0.0	0.0	0.0	1.0	0.0	0.0	0.0	0.0
12/840	B00M_100_100dd	0.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	0.0	0.0	0.0
13/8	B00M_100_100dd	0.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	0.0	0.0	0.0
14/332	B25R_100_100dd	0.5	0.0	1.0	0.0	0.0	0.0	0.0	0.5	0.0	1.0	0.0	0.0	0.0
15/656	B50R_100_100dd	0.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	0.0	0.0	0.0
16/656	B75R_100_100dd	0.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	0.0	0.0	0.0
17/648	R00Y_100_100dd	1.0	0.0	0.0	1.0	0.0	0.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0
18/688	R00Y_100_100dd	1.0	0.0	0.0	1.0	0.0	0.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0
19/706	R25Y_100_100dd	0.25	0.0	0.0	0.25	0.0	0.0	0.0	0.25	0.0	0.0	0.25	0.0	0.0
20/724	R50Y_100_100dd	0.5	0.0	0.0	0.5	0.0	0.0	0.0	0.5	0.0	0.0	0.5	0.0	0.0
21/742	R75Y_100_100dd	0.75	0.0	0.0	0.75	0.0	0.0	0.0	0.75	0.0	0.0	0.75	0.0	0.0
22/400	G00B_100_050dd	0.5	0.0	0.0	0.5	0.0	0.0	0.0	0.5	0.0	0.0	0.5	0.0	0.0
23/400	G00B_100_050dd	0.5	0.0	0.0	0.5	0.0	0.0	0.0	0.5	0.0	0.0	0.5	0.0	0.0
24/400	G00B_100_050dd	0.5	0.0	0.0	0.5	0.0	0.0	0.0	0.5	0.0	0.0	0.5	0.0	0.0
25/692	B50R_100_050dd	0.5	0.0	0.0	0.5	0.0	0.0	0.0	0.5	0.0	0.0	0.5	0.0	0.0
26/688	R00Y_100_050dd	1.0	0.0	0.0	1.0	0.0	0.0	0.0	1.0	0.0	0.0	1.0	0.0	0.0
27/506	R00Y_075_050dd	0.75	0.25	0.25	0.75	0.25	0.25	0.25	0.75	0.25	0.25	0.75	0.25	0.25
28/524	R50Y_075_050dd	0.75	0.25	0.25	0.75	0.25	0.25	0.25	0.75	0.25	0.25	0.75	0.25	0.25
29/542	Y00C_075_050dd	1.0	0.0	0.0	1.0	0.0	0.0	0.0	1.0	0.0	0.0	1.0	0.0	0.0
30/380	Y50C_075_050dd	0.5	0.0	0.0	0.5	0.0	0.0	0.0	0.5	0.0	0.0	0.5	0.0	0.0
31/218	G00B_075_050dd	0.25	0.75	0.25	0.25	0.75	0.25	0.25	0.25	0.75	0.25	0.25	0.75	0.25
32/222	G50B_075_050dd	0.25	0.75	0.25	0.25	0.75	0.25	0.25	0.25	0.75	0.25	0.25	0.75	0.25
33/186	B00R_075_050dd	0.25	0.25	0.75	0.25	0.25	0.25	0.25	0.25	0.25	0.75	0.25	0.25	0.25
34/510	B50R_075_050dd	0.75	0.25	0.25	0.75	0.25	0.25	0.25	0.75	0.25	0.25	0.75	0.25	0.25
35/506	R00Y_075_050dd	0.75	0.25	0.25	0.75	0.25	0.25	0.25	0.75	0.25	0.25	0.75	0.25	0.25
36/324	R00Y_050_050dd	0.5	0.0	0.0	0.5	0.0	0.0	0.0	0.5	0.0	0.0	0.5	0.0	0.0
37/342	R50Y_050_050dd	0.5	0.0	0.0	0.5	0.0	0.0	0.0	0.5	0.0	0.0	0.5	0.0	0.0
38/360	Y00C_050_050dd	0.5	0.0	0.0	0.5	0.0	0.0	0.0	0.5	0.0	0.0	0.5	0.0	0.0
39/198	Y50C_050_050dd	0.25	0.5	0.0	0.25	0.5	0.0	0.0	0.25	0.5	0.0	0.25	0.5	0.0
40/36	G00B_050_050dd	0.0	0.5	0.0	0.0	0.5	0.0	0.0	0.0	0.5	0.0	0.0	0.5	0.0
41/40	G50B_050_050dd	0.0	0.5	0.0	0.0	0.5	0.0	0.0	0.0	0.5	0.0	0.0	0.5	0.0
42/4	B00R_050_050dd	0.0	0.5	0.0	0.0	0.5	0.0	0.0	0.0	0.5	0.0	0.0	0.5	0.0
43/328	B50R_050_050dd	0.5	0.0	0.0	0.5	0.0	0.0	0.0	0.5	0.0	0.0	0.5	0.0	0.0
44/324	R00Y_050_050dd	0.5	0.0	0.0	0.5	0.0	0.0	0.0	0.5	0.0	0.0	0.5	0.0	0.0
45/0	NW_000dd	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
46/91	NW_015dd	0.125	0.125	0.125	0.125	0.125	0.125	0.125	0.125	0.125	0.125	0.125	0.125	0.125
47/182	NW_025dd	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25
48/273	NW_035dd	0.375	0.375	0.375	0.375	0.375	0.375	0.375	0.375	0.375	0.375	0.375	0.375	0.375
49/364	NW_050dd	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
50/455	NW_065dd	0.625	0.625	0.625	0.625	0.625	0.625	0.625	0.625	0.625	0.625	0.625	0.625	0.625
51/46	NW_075dd	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75
52/66	NW_085dd	0.875	0.875	0.875	0.875	0.875	0.875	0.875	0.875	0.875	0.875	0.875	0.875	0.875
53/728	NW_100dd	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0

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grafico TUB-QI19; codice di tinte: H_d^{*}=R50Y_d

uscita: 3D-linearizzazione a $cmyk^{*}_{dd}$

j	HIC^*_{Fid}	rgb^*_{Fid}	icr^*_{Fid}	hs^*_{Fid}	rgb^*_{Fid}	$LabCh^*_{Fid}$	$cmvrs^*_{sep,Fid}$	hsv^*_{Fid}	$LabC^*_{Mid}$	rgb^*_{Mid}	hsv^*_{Mid}		
1	NV_0000d	0.0	0.0	360	0.0	23.8	0.0	0.0	95.8	1.0	360	0.0	0.0
2	BOOR_012_012ad	0.0	0.125	0.062	270	0.0	0.0	0.0	32.5	1.0	270	0.0	0.0
3	BOOR_012_025ad	0.0	0.25	0.125	270	0.0	0.0	0.0	32.5	1.0	270	0.0	0.0
4	BOOR_037_037ad	0.0	0.375	0.375	0.187	270	0.0	0.0	32.5	1.0	270	0.0	0.0
5	BOOR_050_050ad	0.0	0.5	0.5	0.25	270	0.0	0.0	32.5	1.0	270	0.0	0.0
6	BOOR_062_062ad	0.0	0.625	0.625	0.312	270	0.0	0.0	32.5	1.0	270	0.0	0.0
7	BOOR_075_075ad	0.0	0.75	0.75	0.375	270	0.0	0.0	32.5	1.0	270	0.0	0.0
8	BOOR_087_087ad	0.0	0.875	0.875	0.437	270	0.0	0.0	32.5	1.0	270	0.0	0.0
9	BOOR_100_100ad	0.0	1.0	1.0	0.5	270	0.0	0.0	32.5	1.0	270	0.0	0.0
10	G00B_012_012ad	0.0	0.125	0.062	150	0.0	0.125	0.0	54.3	1.0	149	0.0	0.0
11	G50B_012_012ad	0.0	0.125	0.125	0.625	210	0.0	0.024	53.1	1.0	210	0.0	0.0
12	G75B_025_025ad	0.0	0.125	0.25	0.125	240	0.0	0.08	46.1	1.0	240	0.0	0.0
13	G88B_037_037ad	0.0	0.125	0.375	0.375	0.187	0.0	0.736	39.3	1.0	251	0.0	0.0
14	G99B_050_050ad	0.0	0.125	0.5	0.5	0.25	0.0	0.653	36.6	1.0	257	0.0	0.0
15	G00B_062_062ad	0.0	0.125	0.625	0.625	0.312	0.0	0.567	35.9	1.0	260	0.0	0.0
16	G99B_075_075ad	0.0	0.125	0.75	0.75	0.375	0.0	0.498	35.4	1.0	262	0.0	0.0
17	G99B_087_087ad	0.0	0.125	0.875	0.875	0.437	0.0	0.412	35.2	1.0	262	0.0	0.0
18	G99B_100_100ad	0.0	0.125	1.0	1.0	0.5	0.0	0.125	35.2	1.0	263	0.0	0.0
19	G25B_025_025ad	0.0	0.25	0.125	150	0.0	0.25	0.484	30.8	1.0	149	0.0	0.0
20	G25B_025_025ad	0.0	0.25	0.125	180	0.0	0.25	0.432	30.8	1.0	180	0.0	0.0
21	G50B_037_037ad	0.0	0.25	0.25	0.125	210	0.0	0.717	30.1	1.0	210	0.0	0.0
22	G75B_050_050ad	0.0	0.25	0.375	0.375	0.187	0.0	0.821	30.1	1.0	228	0.0	0.0
23	G88B_062_062ad	0.0	0.25	0.5	0.5	0.25	0.0	0.635	29.4	1.0	240	0.0	0.0
24	G88B_062_062ad	0.0	0.25	0.625	0.625	0.312	0.0	0.547	29.4	1.0	247	0.0	0.0
25	G88B_075_075ad	0.0	0.25	0.75	0.75	0.375	0.0	0.462	29.1	1.0	251	0.0	0.0
26	G88B_087_087ad	0.0	0.25	0.875	0.875	0.437	0.0	0.385	28.7	1.0	255	0.0	0.0
27	G88B_100_100ad	0.0	0.25	1.0	1.0	0.5	0.0	0.125	28.7	1.0	257	0.0	0.0
28	G13B_037_037ad	0.0	0.375	0.187	150	0.0	0.375	0.687	30.8	1.0	149	0.0	0.0
29	G30B_037_037ad	0.0	0.375	0.375	0.187	150	0.0	0.573	30.8	1.0	168	0.0	0.0
30	G30B_037_037ad	0.0	0.375	0.375	0.187	191	0.0	0.736	30.8	1.0	191	0.0	0.0

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grafico TUB-QI19; codice di tinte: H*d=R50Yd

uscita: 3D-linearizzazione a $cmyk^*_{dd}$

[illegible]

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uscita: 3D-linearizzazione a $cmyk^{*}_{dd}$

grafico TUB-QI19; codice di tinte: H_d*=R50Y_d

OI190-7N. 23/33-F

4-1032230-F0

n	HIC ^{Field}	rgb ^{Field}	lcl ^{Field}	hsa ^{Field}	rgb ^{Field}	LabCh ^{Field}	cmv ^{sep} Field	hsa ^{Id}	rgb ^{Id}	LabCh ^{Id}
243	R00Y_037_037Ad	0.375	0.0	0.375	0.0	32.7	21.4	14.1	25.7	33.4
244	R00Y_037_037Ad	0.375	0.0	0.375	0.0	0.118	32.7	21.2	8.7	22.9
245	R00Y_037_037Ad	0.375	0.0	0.375	0.0	0.256	33.1	23.7	-0.6	23.7
246	R00Y_037_037Ad	0.375	0.0	0.375	0.0	0.375	32.9	24.5	-4.7	24.9
247	R00Y_037_037Ad	0.375	0.0	0.375	0.0	0.375	33.1	27.9	-10.4	29.8
248	R00Y_037_037Ad	0.375	0.0	0.375	0.0	0.375	33.0	30.0	-17.2	34.6
249	R00Y_037_037Ad	0.375	0.0	0.375	0.0	0.375	32.3	29.5	31.8	32.4
250	R00Y_037_037Ad	0.375	0.0	0.375	0.0	0.375	33.8	34.9	29.5	45.7
251	R00Y_037_037Ad	0.375	0.0	0.375	0.0	0.375	34.0	37.7	-35.3	51.7
252	R00Y_037_037Ad	0.375	0.0	0.375	0.0	0.375	33.0	38.0	21.8	25.5
253	R00Y_037_037Ad	0.375	0.0	0.375	0.0	0.375	33.8	14.3	9.4	17.1
254	R00Y_037_037Ad	0.375	0.0	0.375	0.0	0.375	33.8	14.7	2.6	14.9
255	R00Y_037_037Ad	0.375	0.0	0.375	0.0	0.375	33.8	16.3	-3.1	16.6
256	R00Y_037_037Ad	0.375	0.0	0.375	0.0	0.375	33.8	19.3	-9.2	21.4
257	R00Y_037_037Ad	0.375	0.0	0.375	0.0	0.375	33.8	19.3	-9.2	21.4
258	R00Y_037_037Ad	0.375	0.0	0.375	0.0	0.375	33.8	19.3	-9.2	21.4
259	R00Y_037_037Ad	0.375	0.0	0.375	0.0	0.375	33.8	19.3	-9.2	21.4
260	R00Y_037_037Ad	0.375	0.0	0.375	0.0	0.375	33.8	19.3	-9.2	21.4
261	R00Y_037_037Ad	0.375	0.0	0.375	0.0	0.375	33.8	19.3	-9.2	21.4
262	R00Y_037_037Ad	0.375	0.0	0.375	0.0	0.375	33.8	19.3	-9.2	21.4
263	R00Y_037_037Ad	0.375	0.0	0.375	0.0	0.375	33.8	19.3	-9.2	21.4
264	R00Y_037_037Ad	0.375	0.0	0.375	0.0	0.375	33.8	19.3	-9.2	21.4
265	R00Y_037_037Ad	0.375	0.0	0.375	0.0	0.375	33.8	19.3	-9.2	21.4
266	R00Y_037_037Ad	0.375	0.0	0.375	0.0	0.375	33.8	19.3	-9.2	21.4
267	R00Y_037_037Ad	0.375	0.0	0.375	0.0	0.375	33.8	19.3	-9.2	21.4
268	R00Y_037_037Ad	0.375	0.0	0.375	0.0	0.375	33.8	19.3	-9.2	21.4
269	R00Y_037_037Ad	0.375	0.0	0.375	0.0	0.375	33.8	19.3	-9.2	21.4
270	R00Y_037_037Ad	0.375	0.0	0.375	0.0	0.375	33.8	19.3	-9.2	21.4
271	R00Y_037_037Ad	0.375	0.0	0.375	0.0	0.375	33.8	19.3	-9.2	21.4
272	R00Y_037_037Ad	0.375	0.0	0.375	0.0	0.375	33.8	19.3	-9.2	21.4
273	R00Y_037_037Ad	0.375	0.0	0.375	0.0	0.375	33.8	19.3	-9.2	21.4
274	R00Y_037_037Ad	0.375	0.0	0.375	0.0	0.375	33.8	19.3	-9.2	21.4
275	R00Y_037_037Ad	0.375	0.0	0.375	0.0	0.375	33.8	19.3	-9.2	21.4
276	R00Y_037_037Ad	0.375	0.0	0.375	0.0	0.375	33.8	19.3	-9.2	21.4
277	R00Y_037_037Ad	0.375	0.0	0.375	0.0	0.375	33.8	19.3	-9.2	21.4
278	R00Y_037_037Ad	0.375	0.0	0.375	0.0	0.375	33.8	19.3	-9.2	

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grafico TUB-QI19; codice di tinte: H*d=R50Yd

uscita: 3D-linearizzazione a $cmyk^{*}_{dd}$

n	HIC ^{Fold}	rgb ^{Fold}	lcr ^{Fold}	hsa ^{Fold}	rgb ^{Fold}	LabCh ^{Fold}	rgb ^{Fold}	hsa ^{Fold}	rgb ^{Fold}	LabCh ^{Fold}
405	R0Y1_062_0624d	0.625	0.0	0.625	0.625	0.312	390	0.0	0.858	0.748
406	R0Y1_062_0624d	0.625	0.0	0.625	0.625	0.312	390	0.0	0.858	0.748
407	R1Y1_062_0624d	0.625	0.0	0.625	0.625	0.312	367	0.0	0.838	0.521
408	R0Y1_062_0624d	0.625	0.0	0.625	0.625	0.312	353	0.0	0.838	0.521
409	B0Y1_062_0624d	0.625	0.0	0.625	0.625	0.312	341	0.0	0.814	0.191
410	B0Y1_062_0624d	0.625	0.0	0.625	0.625	0.312	330	0.0	0.814	0.191
411	B4Z1_075_0754d	0.625	0.0	0.625	0.625	0.312	321	0.0	0.814	0.191
412	B3K1_087_0874d	0.625	0.0	0.875	0.875	0.437	314	0.0	0.837	0.0
413	B3R1_100_1004d	0.625	0.0	1.0	1.0	0.5	308	0.0	0.277	0.0
414	R1Y1_062_0624d	0.625	0.0	0.625	0.625	0.312	308	0.0	0.633	0.0
415	R0Y1_062_0624d	0.625	0.0	0.625	0.625	0.312	308	0.0	0.633	0.0
416	R2Y1_062_0504d	0.625	0.0	0.625	0.625	0.125	377	0.0	0.726	0.594
417	R0Y1_062_0504d	0.625	0.0	0.625	0.625	0.125	360	0.0	0.689	0.364
418	B1R1_062_0504d	0.625	0.0	0.625	0.625	0.125	342	0.0	0.766	0.647
419	B0R1_062_0504d	0.625	0.0	0.625	0.625	0.125	330	0.0	0.408	0.0
420	B4R1_075_0624d	0.625	0.0	0.775	0.775	0.625	320	0.0	0.408	0.0
421	B3R1_087_0754d	0.625	0.0	0.875	0.875	0.5	311	0.0	0.266	0.0
422	B2R1_100_0874d	0.625	0.0	1.0	1.0	0.875	305	0.0	0.778	0.0
423	R3Y1_062_0624d	0.625	0.0	0.625	0.625	0.312	305	0.0	0.778	0.0
424	R3Y1_062_0624d	0.625	0.0	0.625	0.625	0.312	305	0.0	0.778	0.0
425	R0Y1_062_0504d	0.625	0.0	0.625	0.625	0.125	389	0.0	0.614	0.836
426	R1Y1_062_0504d	0.625	0.0	0.625	0.625	0.125	377	0.0	0.707	0.518
427	B0Y1_062_0504d	0.625	0.0	0.625	0.625	0.125	360	0.0	0.689	0.364
428	B6Y1_062_0374d	0.625	0.0	0.625	0.625	0.375	349	0.0	0.533	0.226
429	B6Y1_062_0374d	0.625	0.0	0.625	0.625	0.375	330	0.0	0.533	0.226
430	B3R1_075_0504d	0.625	0.0	0.875	0.875	0.5	316	0.0	0.538	0.017
431	B3R1_075_0504d	0.625	0.0	0.875	0.875	0.5	316	0.0	0.538	0.017
432	R2Y1_062_0624d	0.625	0.0	0.625	0.625	0.125	367	0.0	0.651	0.834
433	R2Y1_062_0624d	0.625	0.0	0.625	0.625	0.125	367	0.0	0.651	0.834
434	R3Y1_062_0374d	0.625	0.0	0.625	0.625	0.375	40	0.0	0.443	0.543
435	R3Y1_062_0374d	0.625	0.0	0.625	0.625	0.375	40	0.0	0.443	0.543
436	R0Y1_062_0254d	0.625	0.0	0.625	0.625	0.25	390	0.0	0.408	0.361
437	R0Y1_062_0254d	0.625	0.0	0.625	0.625	0.25	390	0.0	0.408	0.361
438	B0Y1_062_0254d	0.625	0.0	0.625	0.625	0.25	380	0.0	0.383	0.141
439	B3R1_075_0374d	0.625	0.0	0.875	0.875	0.375	316	0.0	0.383	0.141
440										

n	H* _C -Fid	rgb_Fid	ic_Fid	hsa_Fid	rgb_Fid	LabCh_Fid	cmyn*_sep_Fid	hsa_id	rgb_id	LabCh_id	delta
648	R00Y_100_100ad	1.0	0.0	0.0	0.0	47.5	57.2	390	1.0	0.0	0.0
649	R38Y_100_100ad	1.0	0.0	0.0	0.0	47.5	57.2	383	1.0	0.0	0.0
650	R26Y_100_100ad	1.0	0.0	0.0	0.0	47.5	57.2	377	1.0	0.0	0.0
651	R13Y_100_100ad	1.0	0.0	0.0	0.0	47.5	57.2	368	1.0	0.0	0.0
652	R00Y_100_100ad	1.0	0.0	0.0	0.0	47.5	57.2	360	1.0	0.0	0.0
653	B68R_100_100ad	1.0	0.0	0.0	0.0	47.5	57.2	351	1.0	0.0	0.0
654	B61R_100_100ad	1.0	0.0	0.0	0.0	47.5	57.2	342	1.0	0.0	0.0
655	B55R_100_100ad	1.0	0.0	0.0	0.0	47.5	57.2	336	1.0	0.0	0.0
656	B50R_100_100ad	1.0	0.0	0.0	0.0	47.5	57.2	330	1.0	0.0	0.0
657	R11Y_100_100ad	1.0	0.0	0.0	0.0	47.5	57.2	36	1.0	0.0	0.0
658	R00Y_100_100ad	1.0	0.0	0.0	0.0	47.5	57.2	389	1.0	0.0	0.0
659	R38Y_100_100ad	1.0	0.0	0.0	0.0	47.5	57.2	382	1.0	0.0	0.0
660	R26Y_100_100ad	1.0	0.0	0.0	0.0	47.5	57.2	375	1.0	0.0	0.0
661	R13Y_100_100ad	1.0	0.0	0.0	0.0	47.5	57.2	365	1.0	0.0	0.0
662	B68R_100_100ad	1.0	0.0	0.0	0.0	47.5	57.2	354	1.0	0.0	0.0
663	B61R_100_100ad	1.0	0.0	0.0	0.0	47.5	57.2	344	1.0	0.0	0.0
664	B55R_100_100ad	1.0	0.0	0.0	0.0	47.5	57.2	337	1.0	0.0	0.0
665	B50R_100_100ad	1.0	0.0	0.0	0.0	47.5	57.2	330	1.0	0.0	0.0
666	R23Y_100_100ad	1.0	0.0	0.0	0.0	47.5	57.2	42	1.0	0.0	0.0
667	R13Y_100_100ad	1.0	0.0	0.0	0.0	47.5	57.2	37	1.0	0.0	0.0
668	R00Y_100_100ad	1.0	0.0	0.0	0.0	47.5	57.2	389	1.0	0.0	0.0
669	R38Y_100_100ad	1.0	0.0	0.0	0.0	47.5	57.2	382	1.0	0.0	0.0
670	R26Y_100_100ad	1.0	0.0	0.0	0.0	47.5	57.2	371	1.0	0.0	0.0
671	R13Y_100_100ad	1.0	0.0	0.0	0.0	47.5	57.2	360	1.0	0.0	0.0
672	B68R_100_100ad	1.0	0.0	0.0	0.0	47.5	57.2	351	1.0	0.0	0.0
673	B61R_100_100ad	1.0	0.0	0.0	0.0	47.5	57.2	342	1.0	0.0	0.0
674	B55R_100_100ad	1.0	0.0	0.0	0.0	47.5	57.2	336	1.0	0.0	0.0
675	B50R_100_100ad	1.0	0.0	0.0	0.0	47.5	57.2	330	1.0	0.0	0.0
676	R23Y_100_100ad	1.0	0.0	0.0	0.0	47.5	57.2	44	1.0	0.0	0.0
677	R13Y_100_100ad	1.0	0.0	0.0	0.0	47.5	57.2	37	1.0	0.0	0.0
678	R00Y_100_100ad	1.0	0.0	0.0	0.0	47.5	57.2	389	1.0	0.0	0.0
679	R38Y_100_100ad	1.0	0.0	0.0	0.0	47.5	57.2	382	1.0	0.0	0.0
680	R26Y_100_100ad	1.0	0.0	0.0	0.0	47.5	57.2	367	1.0	0.0	0.0
681	R13Y_100_100ad	1.0	0.0	0.0	0.0	47.5	57.2	352	1.0	0.0	0.0
682	B68R_100_100ad	1.0	0.0	0.0	0.0	47.5	57.2	339	1.0	0.0	0.0
683	B61R_100_100ad	1.0	0.0	0.0	0.0	47.5	57.2	330	1.0	0.0	0.0
684	B55R_100_100ad	1.0	0.0	0.0	0.0	47.5	57.2	59	1.0	0.0	0.0
685	R41Y_100_100ad	1.0	0.0	0.0	0.0	47.5	57.2	54	1.0	0.0	0.0
686	R31Y_100_100ad	1.0	0.0	0.0	0.0	47.5	57.2	48	1.0	0.0	0.0
687	R18Y_100_100ad	1.0	0.0	0.0	0.0	47.5	57.2	39	1.0	0.0	0.0
688	R00Y_100_100ad	1.0	0.0	0.0	0.0	47.5	57.2	389	1.0	0.0	0.0
689	R26Y_100_100ad	1.0	0.0	0.0	0.0	47.5	57.2	377	1.0	0.0	0.0
690	R00Y_100_100ad	1.0	0.0	0.0	0.0	47.5	57.2	360	1.0	0.0	0.0
691	B61R_100_100ad	1.0	0.0	0.0	0.0	47.5	57.2	342	1.0	0.0	0.0
692	B50R_100_100ad	1.0	0.0	0.0	0.0	47.5	57.2	330	1.0	0.0	0.0
693	R63Y_100_100ad	1.0	0.0	0.0	0.0	47.5	57.2	68	1.0	0.0	0.0
694	R38Y_100_100ad	1.0	0.0	0.0	0.0	47.5	57.2	65	1.0	0.0	0.0
695	R30Y_100_100ad	1.0	0.0	0.0	0.0	47.5	57.2	52	1.0	0.0	0.0
696	R23Y_100_100ad	1.0	0.0	0.0	0.0	47.5	57.2	52	1.0	0.0	0.0
697	R00Y_100_100ad	1.0	0.0	0.0	0.0	47.5	57.2	389	1.0	0.0	0.0
698	R38Y_100_100ad	1.0	0.0	0.0	0.0	47.5	57.2	371	1.0	0.0	0.0
699	R26Y_100_100ad	1.0	0.0	0.0	0.0	47.5	57.2	348	1.0	0.0	0.0
700	B68R_100_100ad	1.0	0.0	0.0	0.0	47.5	57.2	330	1.0	0.0	0.0
701	B50R_100_100ad	1.0	0.0	0.0	0.0	47.5	57.2	77	1.0	0.0	0.0
702	R76Y_100_100ad	1.0	0.0	0.0	0.0	47.5	57.2	77	1.0	0.0	0.0
703	R31Y_100_100ad	1.0	0.0	0.0	0.0	47.5	57.2	71	1.0	0.0	0.0
704	R00Y_100_100ad	1.0	0.0	0.0	0.0	47.5	57.2	67	1.0	0.0	0.0
705	B55R_100_100ad	1.0	0.0	0.0	0.0	47.5	57.2	59	1.0	0.0	0.0
706	B50Y_100_100ad	1.0	0.0	0.0	0.0	47.5	57.2	48	1.0	0.0	0.0
707	R31Y_100_100ad	1.0	0.0	0.0	0.0	47.5	57.2	389	1.0	0.0	0.0
708	R00Y_100_100ad	1.0	0.0	0.0	0.0	47.5	57.2	360	1.0	0.0	0.0
709	B50R_100_100ad	1.0	0.0	0.0	0.0	47.5	57.2	83	1.0	0.0	0.0
710	R88Y_100_100ad	1.0	0.0	0.0	0.0	47.5	57.2	82	1.0	0.0	0.0
711	R85Y_100_100ad	1.0	0.0	0.0	0.0	47.5	57.2	81	1.0	0.0	0.0
712	R80Y_100_100ad	1.0	0.0	0.0	0.0	47.5	57.2	80	1.0	0.0	0.0
713	R76Y_100_100ad	1.0	0.0	0.0	0.0	47.5	57.2	79	1.0	0.0	0.0
714	R71Y_100_100ad	1.0	0.0	0.0	0.0	47.5	57.2	78	1.0	0.0	0.0
715	R68Y_100_100ad	1.0	0.0	0.0	0.0	47.5	57.2	77	1.0	0.0	0.0
716	R65Y_100_100ad	1.0	0.0	0.0	0.0	47.5	57.2	76	1.0	0.0	0.0
717	R62Y_100_100ad	1.0	0.0	0.0	0.0	47.5	57.2	75	1.0	0.0	0.0
718	R59Y_100_100ad	1.0	0.0	0.0	0.0	47.5	57.2	74	1.0	0.0	0.0
719	R56Y_100_100ad	1.0	0.0	0.0	0.0	47.5	57.2	73	1.0	0.0	0.0
720	R53Y_100_100ad	1.0	0.0	0.0	0.0	47.5	57.2	72	1.0	0.0	0.0
721	R50Y_100_100ad	1.0	0.0	0.0	0.0	47.5	57.2	71	1.0	0.0	0.0
722	R47Y_100_100ad	1.0	0.0	0.0	0.0	47.5	57.2	70	1.0	0.0	0.0
723	R44Y_100_100ad	1.0	0.0	0.0	0.0	47.5	57.2	69	1.0	0.0	0.0
724	R41Y_100_100ad	1.0	0.0	0.0	0.0	47.5	57.2	68	1.0	0.0	0.0
725	R38Y_100_100ad	1.0	0.0	0.0	0.0	47.5	57.2	67	1.0	0.0	0.0
726	R35Y_100_100ad	1.0	0.0	0.0	0.0	47.5	57.2	66	1.0	0.0	0.0
727	R32Y_100_100ad	1.0	0.0	0.0	0.0	47.5	57.2	65	1.0	0.0	0.0
728	NW_100ad	1.0	1.0	1.0	1.0	95.8	0.0	360	1.0	1.0	0.0

la domanda per la misura di uscita della stampante laser, separazione cmyk* (CMYK)

vedere dei file simili: <http://130.149.60.45/~farbmetrik/QI19/QI19.HTM>
informazioni tecniche: <http://www.ps.bam.de> o <http://130.149.60.45/~farbmetrik>

uscita: 3D-linearizzazione a $cmyk^{*}_{dd}$

grafico TUB-QI19; codice di tinte: H^{*}_d=R50Y_d

vedere dei file simili: <http://130.149.60.45/~farbmetrik/QI19/QI19.HTM>
informazioni tecniche: <http://www.ps.bam.de> o <http://130.149.60.45/~farbmetrik>

uscita: 3D-linearizzazione a $cmyk^{*}_{dd}$

grafico TUB-QI19; codice di tinte: H^{*}_d=R50Y_d

QI190-7N, 30/33-F

[illegible]

n	HIC ⁺ -Fid	rgb ⁻ -Fid	ic ⁻ -Fid	hs ⁻ -Fid	rgb ⁺ -Fid	LabCh ⁺ -Fid	cmyn ⁺ -Fid	cmyn ⁺ -Sep-Fid	hs ⁺ -Fid	rgb ⁺ -Fid	LabCh ⁺ -Fid	cmyn ⁺ -Fid	cmyn ⁺ -Sep-Fid	delta
891	NW_100ad	1.0	1.0	1.0	1.0	95.8	0.0	0.0	0.0	1.0	95.8	0.0	0.0	0.0
892	NW_100ad	0.875	1.0	0.875	1.0	89.8	8.1	-1.5	8.3	348.9	0.0	0.168	0.034	0.007
893	B50R_100.025ad	1.0	0.75	1.0	0.75	83.9	16.5	-3.1	16.6	348.9	0.0	0.275	0.062	0.008
894	B50R_100.037ad	1.0	0.625	1.0	0.625	77.9	24.3	-4.7	24.9	348.9	0.0	0.386	0.115	0.012
895	B50R_100.050ad	1.0	0.5	1.0	0.5	72.0	32.7	-6.3	33.3	348.9	0.0	0.478	0.108	0.022
896	B50R_100.062ad	1.0	0.375	1.0	0.375	66.0	40.8	-7.9	41.6	348.9	0.0	0.588	0.103	0.032
897	B50R_100.075ad	1.0	0.25	1.0	0.25	60.1	49.0	-9.5	49.9	348.9	0.0	0.693	0.1	0.047
898	B50R_100.087ad	1.0	0.125	1.0	0.125	54.1	57.2	-11.1	58.3	348.9	0.0	0.794	0.094	0.064
899	B50R_100.100ad	1.0	0.0	1.0	0.0	48.1	65.4	-12.7	66.6	348.9	0.0	1.0	0.0	0.132
900	B50R_100.112ad	0.875	1.0	0.875	1.0	42.1	73.6	-14.3	74.8	348.9	0.0	0.0	0.0	0.158
901	NW_087ad	0.875	0.875	0.875	0.875	86.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
902	B50R_087.012ad	0.875	0.75	0.875	0.75	80.8	8.1	-1.5	8.3	348.9	0.0	0.017	0.018	0.018
903	B50R_087.025ad	0.875	0.625	0.875	0.625	74.9	16.5	-3.1	16.6	348.9	0.0	0.159	0.054	0.145
904	B50R_087.037ad	0.875	0.5	0.875	0.5	68.9	24.3	-4.7	24.9	348.9	0.0	0.285	0.071	0.144
905	B50R_087.050ad	0.875	0.375	0.875	0.375	63.0	32.7	-6.3	33.3	348.9	0.0	0.408	0.102	0.154
906	B50R_087.062ad	0.875	0.25	0.875	0.25	57.0	40.8	-7.9	41.6	348.9	0.0	0.532	0.101	0.159
907	B50R_087.075ad	0.875	0.125	0.875	0.125	51.1	49.0	-9.5	49.9	348.9	0.0	0.656	0.1	0.171
908	B50R_087.087ad	0.875	0.0	0.875	0.0	45.1	57.2	-11.1	58.3	348.9	0.0	0.765	0.097	0.185
909	B50R_087.100ad	0.75	1.0	0.75	1.0	39.2	65.4	-12.7	66.6	348.9	0.0	0.925	0.137	0.168
910	B50R_087.112ad	0.75	0.875	0.875	0.875	33.2	73.6	-14.3	74.8	348.9	0.0	1.0	0.0	0.255
911	NW_075ad	0.75	0.75	0.75	0.75	77.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
912	B50R_075.012ad	0.75	0.625	0.75	0.625	71.8	8.1	-1.5	8.3	348.9	0.0	0.015	0.015	0.015
913	B50R_075.025ad	0.75	0.5	0.75	0.5	65.9	16.5	-3.1	16.6	348.9	0.0	0.177	0.027	0.282
914	B50R_075.037ad	0.75	0.375	0.75	0.375	59.9	24.3	-4.7	24.9	348.9	0.0	0.324	0.091	0.273
915	B50R_075.050ad	0.75	0.25	0.75	0.25	54.0	32.7	-6.3	33.3	348.9	0.0	0.475	0.11	0.286
916	B50R_075.062ad	0.75	0.125	0.75	0.125	48.1	40.8	-7.9	41.6	348.9	0.0	0.609	0.069	0.326
917	B50R_075.075ad	0.75	0.0	0.75	0.0	42.1	49.0	-9.5	49.9	348.9	0.0	0.735	0.125	0.361
918	B50R_075.087ad	0.625	1.0	0.625	1.0	36.2	57.2	-11.1	58.3	348.9	0.0	0.863	0.195	0.425
919	B50R_075.100ad	0.625	0.875	0.625	0.875	30.2	65.4	-12.7	66.6	348.9	0.0	1.0	0.0	0.504
920	B50R_075.112ad	0.625	0.75	0.625	0.75	24.3	73.6	-14.3	74.8	348.9	0.0	0.307	0.199	0.406
921	B50R_062.012ad	0.625	0.625	0.625	0.625	18.4	81.0	-16.9	82.2	348.9	0.0	0.435	0.216	0.435
922	B50R_062.025ad	0.625	0.5	0.625	0.5	12.5	89.8	-18.4	90.1	348.9	0.0	0.598	0.294	0.51
923	B50R_062.037ad	0.625	0.375	0.625	0.375	6.6	97.9	-19.9	98.6	348.9	0.0	0.81	0.435	0.625
924	B50R_062.050ad	0.625	0.25	0.625	0.25	1.0	105.8	-20.9	106.5	348.9	0.0	1.0	0.0	0.81
925	B50R_062.062ad	0.625	0.125	0.625	0.125	0.0	113.8	-21.9	114.5	348.9	0.0	1.0	0.0	0.81
926	B50R_062.075ad	0.5	1.0	0.5	1.0	0.0	121.8	-22.9	122.4	348.9	0.0	1.0	0.0	0.81
927	B50R_062.087ad	0.375	1.0	0.375	1.0	0.0	129.8	-23.9	130.3	348.9	0.0	1.0	0.0	0.81
928	B50R_062.100ad	0.25	1.0	0.25	1.0	0.0	137.8	-24.9	138.4	348.9	0.0	1.0	0.0	0.81
929	B50R_062.112ad	0.25	0.875	0.375	0.875	23.2	129.8	-25.3	130.3	348.9	0.0	1.0	0.0	0.81
930	B50R_050.012ad	0.5	0.75	0.5	0.75	25.3	111.5	-25.3	111.5	348.9	0.0	1.0	0.0	0.81
931	B50R_050.025ad	0.5	0.625	0.5	0.625	19.4	119.5	-26.3	120.0	348.9	0.0	1.0	0.0	0.81
932	B50R_050.037ad	0.5	0.5	0.5	0.5	13.5	127.5	-27.3	128.0	348.9	0.0	1.0	0.0	0.81
933	B50R_050.050ad	0.5	0.375	0.5	0.375	7.6	135.5	-28.3	136.0	348.9	0.0	1.0	0.0	0.81
934	B50R_050.062ad	0.5	0.25	0.5	0.25	2.0	143.5	-29.3	144.0	348.9	0.0	1.0	0.0	0.81
935	B50R_050.075ad	0.5	0.125	0.5	0.125	0.0	151.5	-30.3	152.0	348.9	0.0	1.0	0.0	0.81
936	B50R_050.087ad	0.375	1.0	0.375	1.0	0.0	159.5	-31.3	160.0	348.9	0.0	1.0	0.0	0.81
937	B50R_050.100ad	0.25	1.0	0.25	1.0	0.0	167.5	-32.3	168.0	348.9	0.0	1.0	0.0	0.81
938	B50R_050.112ad	0.25	0.875	0.375	0.875	23.2	159.5	-33.3	160.0	348.9	0.0	1.0	0.0	0.81
939	B50R_043.012ad	0.375	0.875	0.375	0.875	23.2	151.5	-34.3	152.0	348.9	0.0	1.0	0.0	0.81
940	B50R_043.025ad	0.375	0.75	0.375	0.75	17.3	159.5	-35.3	160.0	348.9	0.0	1.0	0.0	0.81
941	B50R_043.037ad	0.375	0.625	0.375	0.625	11.4	167.5	-36.3	168.0	348.9	0.0	1.0	0.0	0.81
942	B50R_043.050ad	0.25	1.0	0.25	1.0	0.0	175.5	-37.3	176.0	348.9	0.0	1.0	0.0	0.81
943	B50R_043.062ad	0.25	0.875	0.25	0.875	15.4	183.5	-38.3	184.0	348.9	0.0	1.0	0.0	0.81
944	B50R_043.075ad	0.25	0.75	0.25	0.75	9.5	191.5	-39.3	192.0	348.9	0.0	1.0	0.0	0.81
945	B50R_043.087ad	0.25	0.625	0.25	0.625	3.6	199.5	-40.3	200.0	348.9	0.0	1.0	0.0	0.81
946	B50R_043.100ad	0.25	0.5	0.25	0.5	0.0	207.5	-41.3	208.0	348.9	0.0	1.0	0.0	0.81
947	B50R_043.112ad	0.25	0.375	0.25	0.375	0.0	215.5	-42.3	216.0	348.9	0.0	1.0	0.0	0.81
948	B50R_037.012ad	0.25	0.875	0.25	0.875	15.4	183.5	-43.3	184.0	348.9	0.0	1.0	0.0	0.81
949	B50R_037.025ad	0.25	0.75	0.25	0.75	9.5	191.5	-44.3	192.0	348.9	0.0	1.0	0.0	0.81
950	B50R_037.037ad	0.25	0.625	0.25	0.625	3.6	199.5	-45.3	200.0	348.9	0.0	1.0	0.0	0.81
951	B50R_037.050ad	0.25	0.5	0.25	0.5	0.0	207.5	-46.3	208.0	348.9	0.0	1.0	0.0	0.81
952	B50R_037.062ad	0.25	0.375	0.25	0.375	0.0	215.5	-47.3	216.0	348.9	0.0	1.0	0.0	0.81
953	B50R_025.012ad	0.25	0.875	0.25	0.875	15.4	183.5	-48.3	184.0	348.9	0.0	1.0	0.0	0.81
954	B50R_025.025ad	0.25	0.75	0.25	0.75	9.5	191.5	-49.3	192.0	348.9	0.0	1.0	0.0	0.81
955	B50R_025.037ad	0.125	1.0	0.125	1.0	0.0	215.5	-50.3	216.0	348.9	0.0	1.0	0.0	0.81
956	B50R_025.050ad	0.125	0.875	0.125	0.875	9.5	223.5	-51.3	224.0	348.9	0.0	1.0	0.0	0.81
957	B50R_025.062ad	0.125	0.75	0.125	0.75	3.6	231.5	-52.3	232.0	348.9	0.0	1.0	0.0	0.81
958	B50R_025.075ad	0.125	0.625	0.125	0.625	0.0	239.5	-53.3	240.0	348.9	0.0	1.0		



TUB materiale: code=rha4ta

vedere dei file simili: <http://130.149.60.45/~farbmetrik/QI19/QI19.HTM>
informazioni tecniche: <http://www.ps.bam.de> o <http://130.149.60.45/~farbmetrik>

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

0190-7N 32/33-F

4-1033130-F0

1033130 TO

M

Y

0

1

 Δ

1

9-

1

1

1

11

1

1

1

1

1

TUB iscrizione: 20130201-QI19/QI19L0FP.PDF /.PS
la domanda per la misura di uscita della stampante laser, separazione cmyn6* (CMYK)

TUB materiale: code=rha4ta

immettere: $rgb/cmyk \rightarrow rgbd$
uscita: 3D-linearizzazione a $cmyk*dd$

grafico TUB-QI19; codice di tinte: $H*d=R50Yd$
colori e la differenza, ΔE^*

QI190-7N, 3333-F

4-1033230-F0

n	HIC*Fdd	rgb_Fdd	ic*_Fdd	hsa_Fdd	rgb*_Fdd	LabCH*_Fdd	cmyn*_sep_Fdd	hsa*_dd	rgb*_dd	LabCH*_dd	delta
1053	NW_086dd	0.866 0.866 0.866	0.866 0.0 0.866	360 0.866 0.866	0.866 0.866 0.866	86.1 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
1054	NW_093dd	0.933 0.933 0.933	0.933 0.0 0.933	360 0.933 0.933	0.933 0.933 0.933	91.0 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
1055	NW_100dd	1.0 1.0 1.0	1.0 0.0 1.0	360 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
1056	NW_006dd	0.066 0.066 0.066	0.0 0.0 0.0	360 0.066 0.066	0.066 0.066 0.066	28.6 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
1057	NW_006dd	0.066 0.066 0.066	0.066 0.0 0.066	360 0.133 0.133	0.133 0.133 0.133	33.4 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
1058	NW_013dd	0.2 0.2 0.2	0.2 0.0 0.2	360 0.266 0.266	0.266 0.266 0.266	42.9 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
1059	NW_026dd	0.266 0.266 0.266	0.266 0.0 0.266	360 0.333 0.333	0.333 0.333 0.333	47.8 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
1060	NW_026dd	0.266 0.266 0.266	0.333 0.0 0.333	360 0.466 0.466	0.466 0.466 0.466	52.6 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
1061	NW_033dd	0.333 0.333 0.333	0.4 0.4 0.4	360 0.533 0.533	0.533 0.533 0.533	57.3 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
1062	NW_046dd	0.466 0.466 0.466	0.466 0.0 0.466	360 0.666 0.666	0.666 0.666 0.666	67.0 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
1063	NW_053dd	0.533 0.533 0.533	0.533 0.0 0.533	360 0.734 0.734	0.734 0.734 0.734	76.6 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
1064	NW_053dd	0.533 0.533 0.533	0.6 0.6 0.6	360 0.866 0.866	0.866 0.866 0.866	81.4 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
1065	NW_066dd	0.666 0.666 0.666	0.6 0.0 0.6	360 0.866 0.866	0.866 0.866 0.866	86.1 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
1066	NW_066dd	0.666 0.666 0.666	0.734 0.0 0.734	360 0.933 0.933	0.933 0.933 0.933	91.0 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
1067	NW_073dd	0.734 0.734 0.734	0.734 0.0 0.734	360 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
1068	NW_086dd	0.8 0.8 0.8	0.8 0.0 0.8	360 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
1069	NW_086dd	0.866 0.866 0.866	0.866 0.0 0.866	360 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
1070	NW_093dd	0.933 0.933 0.933	0.933 0.0 0.933	360 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
1071	NW_100dd	1.0 1.0 1.0	1.0 0.0 1.0	360 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
1072	NW_100dd	1.0 1.0 1.0	1.0 0.0 1.0	360 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
1073	ROY_100_100dd	1.0 0.0 0.0	1.0 1.0 1.0	360 1.0 0.0	1.0 0.0 1.0	47.5 37.8 57.2	0.0 0.0 0.0	389 0.0 0.0	1.0 0.0 0.0	45.8 37.8 57.2	33.4
1074	G50B_100_100dd	0.0 1.0 0.0	1.0 1.0 1.0	360 0.0 1.0	0.0 1.0 0.0	53.1 -30.0 -43.1	0.0 0.0 0.0	210 0.0 0.0	1.0 1.0 1.0	53.1 -30.0 -43.1	235.1
1075	G50B_100_100dd	0.0 1.0 0.0	1.0 1.0 1.0	360 0.0 1.0	0.0 1.0 0.0	53.1 -30.0 -43.1	0.0 0.0 0.0	210 0.0 0.0	1.0 1.0 1.0	53.1 -30.0 -43.1	235.1
1076	Y06C_100_100dd	1.0 0.0 0.0	0.0 1.0 0.0	360 1.0 0.0	0.0 0.0 1.0	19.5 16.9 16.9	0.0 0.0 0.0	89 0.0 0.0	1.0 1.0 1.0	19.5 16.9 16.9	100.5
1077	B06C_100_100dd	0.0 0.0 1.0	0.0 0.0 1.0	360 0.0 0.0	0.0 0.0 0.0	32.5 30.8 30.8	0.0 0.0 0.0	270 0.0 0.0	1.0 1.0 1.0	32.5 30.8 30.8	290.8
1078	B06C_100_100dd	0.0 0.0 1.0	0.0 1.0 0.0	360 0.0 0.0	0.0 1.0 0.0	54.3 47.6 47.6	0.0 0.0 0.0	340 0.0 0.0	1.0 1.0 1.0	54.3 47.6 47.6	335.8
1079	B50R_100_100dd	1.0 0.0 1.0	1.0 1.0 1.0	360 1.0 0.0	1.0 0.0 1.0	46.1 -12.7 65.4	0.0 0.0 0.0	330 0.0 0.0	1.0 0.0 1.0	46.1 -12.7 65.4	346.9

vedere dei file simili: <http://130.149.60.45/~farbmetrik/QI19/QI19.HTM>
informazioni tecniche: <http://www.ps.bam.de> o <http://130.149.60.45/~farbmetrik>

TUB iscrizione: 20130201-QI19/QI19L0FP.PDF /PS
la domanda per la misura di uscita della stampante laser

TUB materiale: code=rh44ta

Immettere y uscita: Printer Reflective System FRS06a for relative CIELAB hue $h_{ab,a,rel} = h_{ab}/360 = 68/360 = 0.19$

$H^*_{-} = R50Y_{-}$

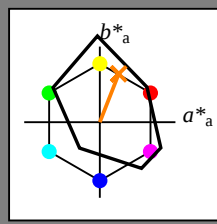
Dati del dispositivo (d) o colori elementari (e):

HIC^*_{-}

codice di tonalità per i colori questa pagina:

$H^*_{-} = R50Y_{-}$

triangolo chiarezza T^*



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

Il dati per il massimo colore (Ma):

$LabCh^*_{-,Ma}$: 68 25 63 68 68

$HIC^*_{-,Ma}$: R50Y_100_100_

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

1.0 0.5 0.0 1.0 1.0

triangolo chiarezza T^*

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

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

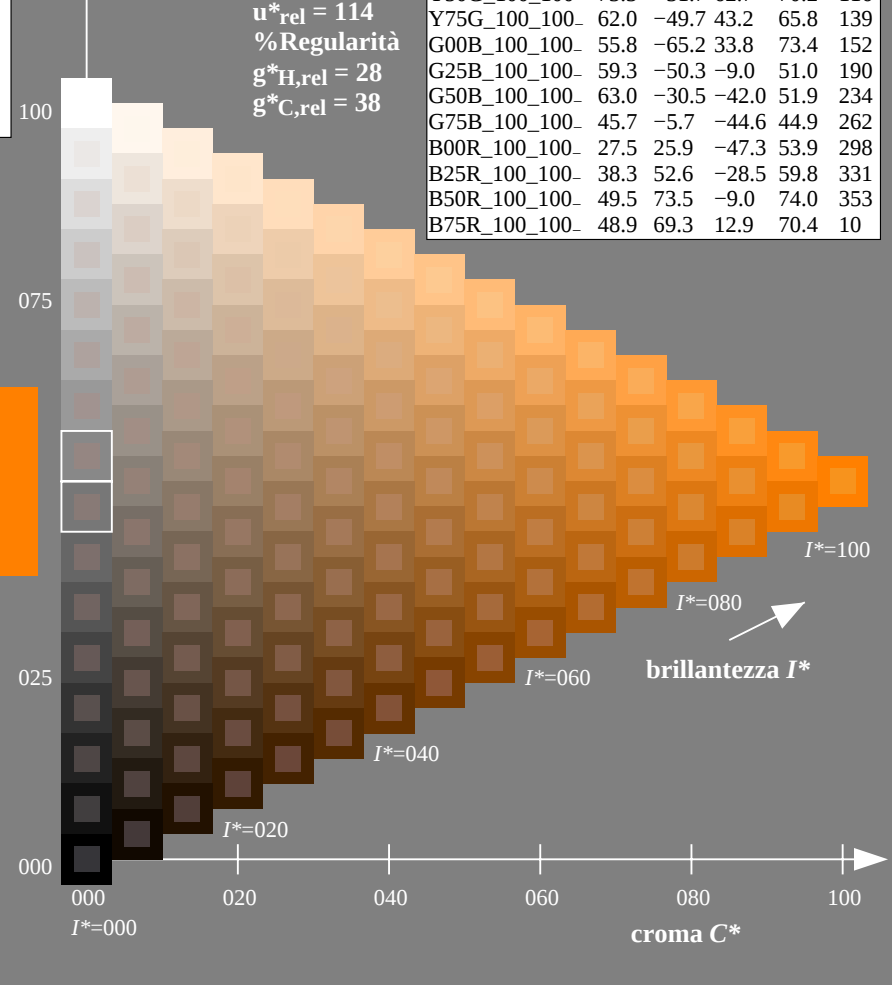
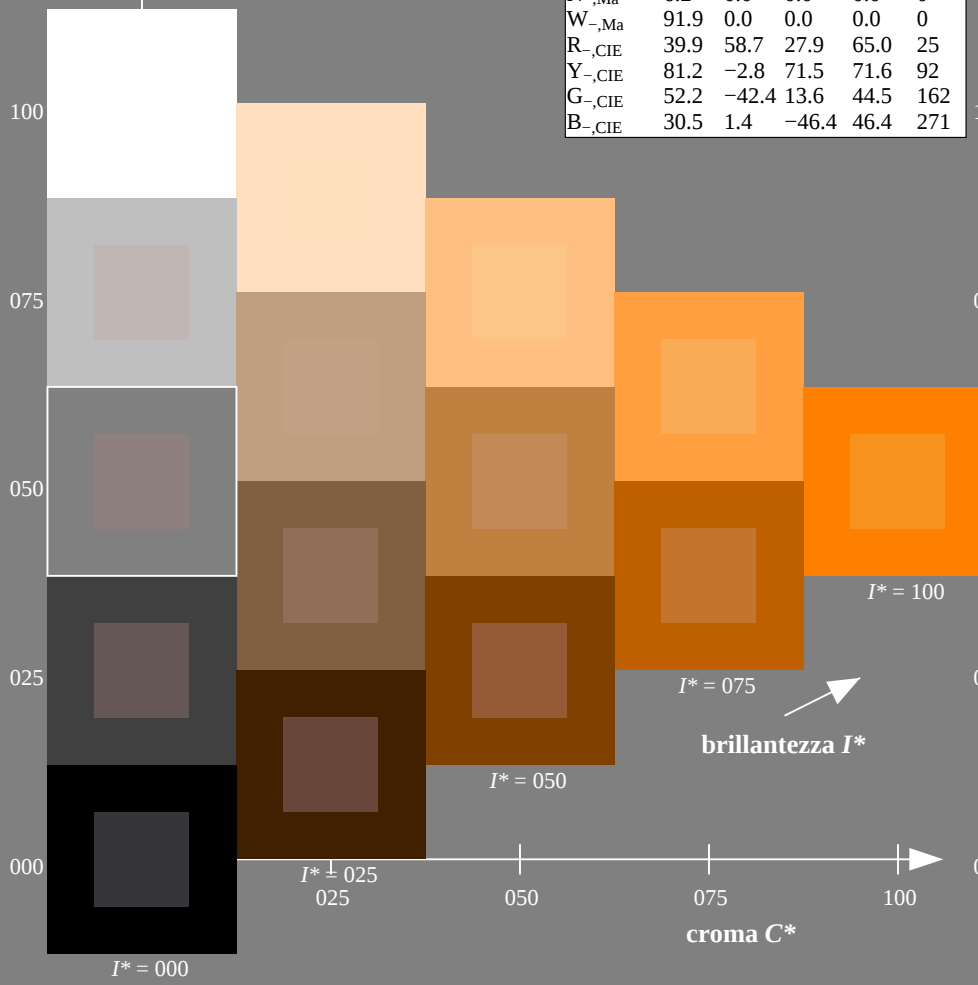
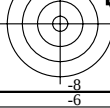


grafico TUB-QI19; codice di tinte: $H^*_{-}=R50Y_{-}$
grafico conformemente a DIN 33872, 3D=1, de=1, $cmky^*$

immettere: $rgb/cmyk \rightarrow rgb/cmyk$
uscita: nessun cambiamento



Immettere y uscita: Printer Reflective System FRS06a for relative CIELAB hue $h_{ab,a,rel} = h_{ab}/360 = 58/360 = 0.16$

$H^*_e = R50Y_e$

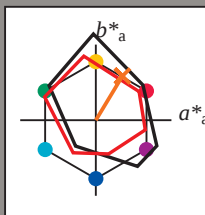
Dati del dispositivo (d) o
colori elementari (e):

HIC^*_e

codice di tonalità per i colori
questa pagina:

$H^*_e = R50Y_e$

triangolo chiarezza T^*



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	25
$Y_{e,Ma}$	83.6	-3.1	76.8	76.9	92
$G_{e,Ma}$	53.8	-65.9	21.1	69.2	162
$C_{e,Ma}$	54.9	-38.7	-29.1	48.4	216
$B_{e,Ma}$	37.3	1.4	-48.6	48.7	271
$M_{e,Ma}$	38.5	46.7	-28.5	54.7	328
$N_{e,Ma}$	23.8	0.0	0.0	0.0	0
$W_{e,Ma}$	95.8	0.0	0.0	0.0	0
$R_{e,CIE}$	39.9	58.7	27.9	65.0	25
$Y_{e,CIE}$	81.2	-2.8	71.5	71.6	92
$G_{e,CIE}$	52.2	-42.4	13.6	44.5	162
$B_{e,CIE}$	30.5	1.4	-46.4	46.4	271

Il dati per il massimo colore (Ma):

$LabCh^*_{e,Ma}$: 61 35 58 68 58

$HIC^*_{e,Ma}$: R50Y_100_100_e

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

1.0 0.31 0.0 1.0 1.0

triangolo chiarezza T^*

%Gamma

$u^*_{rel} = 114$

%Regularità

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

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

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	25
$R25Y_{100_100_e}$	51.4	54.8	47.7	72.6	41
$R50Y_{100_100_e}$	61.8	35.2	58.4	68.2	58
$R75Y_{100_100_e}$	72.3	16.1	68.2	70.1	76
$Y00G_{100_100_e}$	83.6	-3.1	76.8	76.9	92
$Y25G_{100_100_e}$	85.8	-26.4	78.5	82.9	108
$Y50G_{100_100_e}$	71.0	-41.7	54.8	68.9	127
$Y75G_{100_100_e}$	59.9	-58.2	39.3	70.2	145
$G00B_{100_100_e}$	53.8	-65.9	21.1	69.2	162
$G25B_{100_100_e}$	55.0	-51.6	-8.7	52.3	189
$G50B_{100_100_e}$	54.9	-38.7	-29.1	48.4	216
$G75B_{100_100_e}$	51.7	-23.3	-48.6	53.9	244
$B00R_{100_100_e}$	37.3	1.4	-48.6	48.7	271
$B25R_{100_100_e}$	31.5	24.4	-41.9	48.5	300
$B50R_{100_100_e}$	38.5	46.7	-28.5	54.7	328
$B75R_{100_100_e}$	49.4	65.5	-9.1	66.2	352

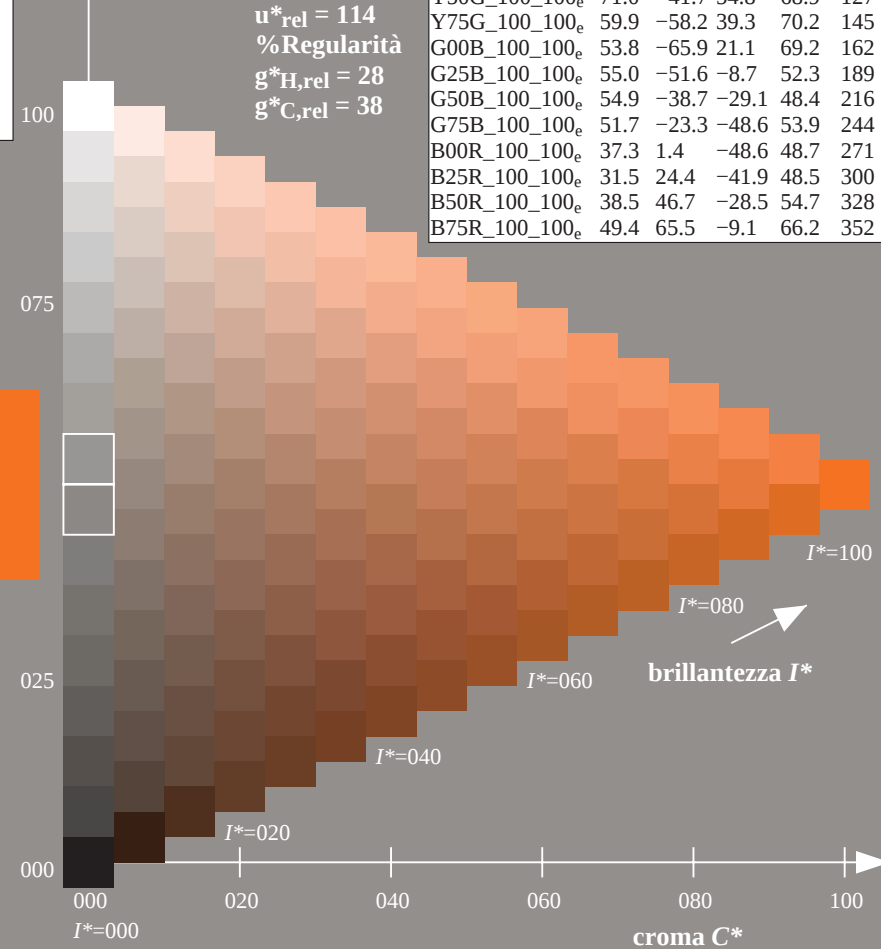
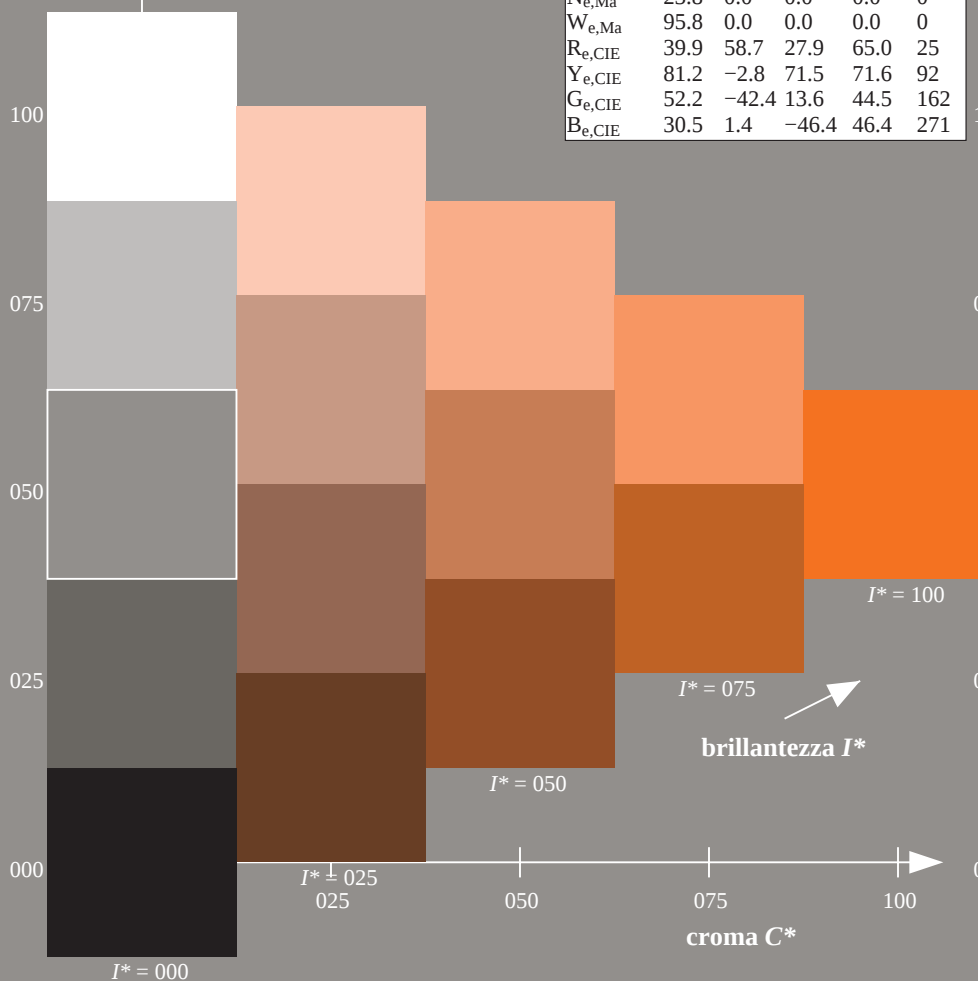


grafico TUB-QI19; codice di tinte: $H^*_e=R50Y_e$
grafico conformemente a DIN 33872, 3D=1, de=1, cmk^*

immettere: $rgb/cmyk \rightarrow rgb_{de}$
uscita: 3D-linearizzazzione a cmk^*_{de}

TUB iscrizione: 20130201-QI19/QI19L0FP.PDF /.PS
la domanda per la misura di uscita della stampante laser, separazione $cmkn^6^*$ (CMYK)

TUB materiale: code=rh44ta

Immettere y uscita: Printer Reflective System PRS06a for relative CIELAB hue $h_{ab,a,rel} = h_{ab}/360 = 58/360 = 0.16$

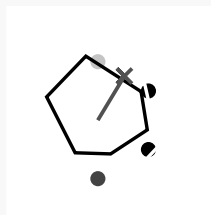
Dati del dispositivo (d) o colori elementari (e):

HIC^*_e

codice di tonalità per i colori questa pagina:

$H^*_e = R50Y_e$

triangolo chiarezza I^*



$H^*_e = R50Y_e$

Il dati per il massimo colore (Ma):

$LabCh^*_eMa: 61\ 35\ 58\ 68\ 58$

$HIC^*_eMa: R50Y_{100_100}_e$

$rgbic^*_eMa:$

1.0 0.31 0.0 1.0 1.0

triangolo chiarezza I^*

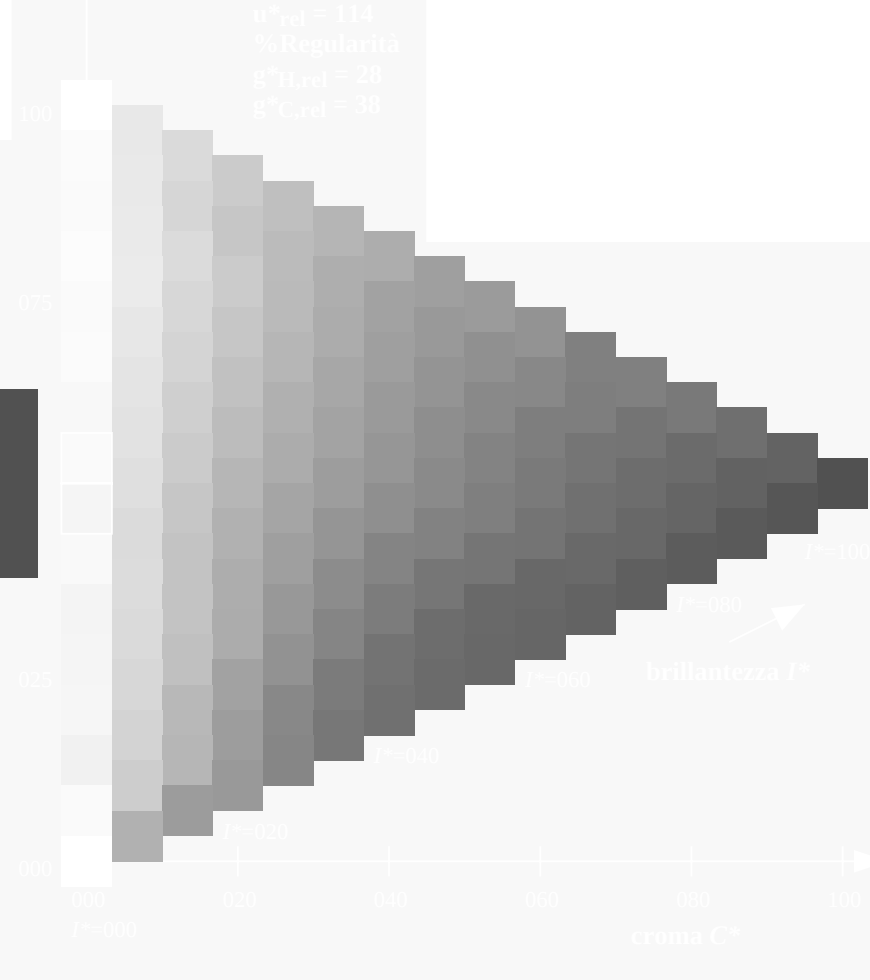
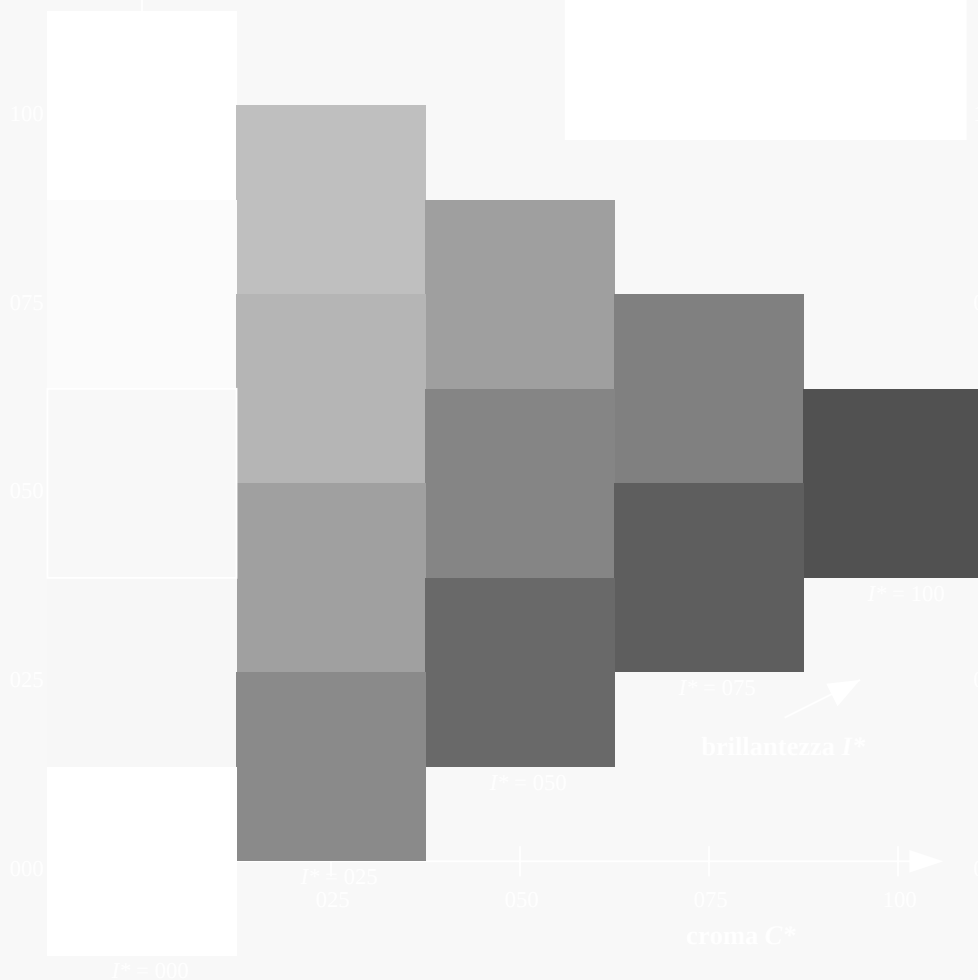
%Gamma

$u^*_{rel} = 114$

%Regularità

$g^*_{H,rel} = 26$

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



vedere dei file simili: <http://130.149.60.45/~farbmetrik/QI19/QI19.HTM>
informazioni tecniche: <http://www.ps.bam.de> o <http://130.149.60.45/~farbmetrik>

TUB iscrizione: 20130201-QI19/QI19L0FP.PDF /.PS
la domanda per la misura di uscita della stampante laser, separazione cmyk* (CMYK)

TUB materiale: code=rh4ta
la domanda per la misura di uscita della stampante laser, separazione cmyk* (CMYK)

grafico TUB-QI19; codice di tinte: $H^*_e=R50Y_e$
grafico conformemente a DIN 33872, 3D=1, de=1, cmyk*

immettere: $rgb/cmyk \rightarrow rgb_{de}$
uscita: 3D-linearizzazzone a $cmyk^*_{de}$

Immettere y uscita: Printer Reflective System FRS06a for relative CIELAB hue $h_{ab,a,rel} = h_{ab}/360 = 58/360 = 0.16$

$H^*_e = R50Y_e$

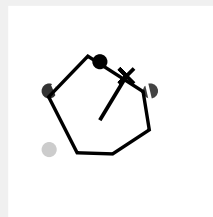
Dati del dispositivo (d) o
colori elementari (e):

HIC^*_e

codice di tonalità per i colori
questa pagina:

$H^*_e = R50Y_e$

triangolo chiarezza T^*



Il dati per il massimo colore (Ma):

$LabCh^*_{e,Ma}$: 61 35 58 68 58

$HIC^*_{e,Ma}$: R50Y_100_100_e

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

1.0 0.31 0.0 1.0 1.0

triangolo chiarezza T^*

%Gamma

$u^*_{rel} = 114$

%Regularità

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

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

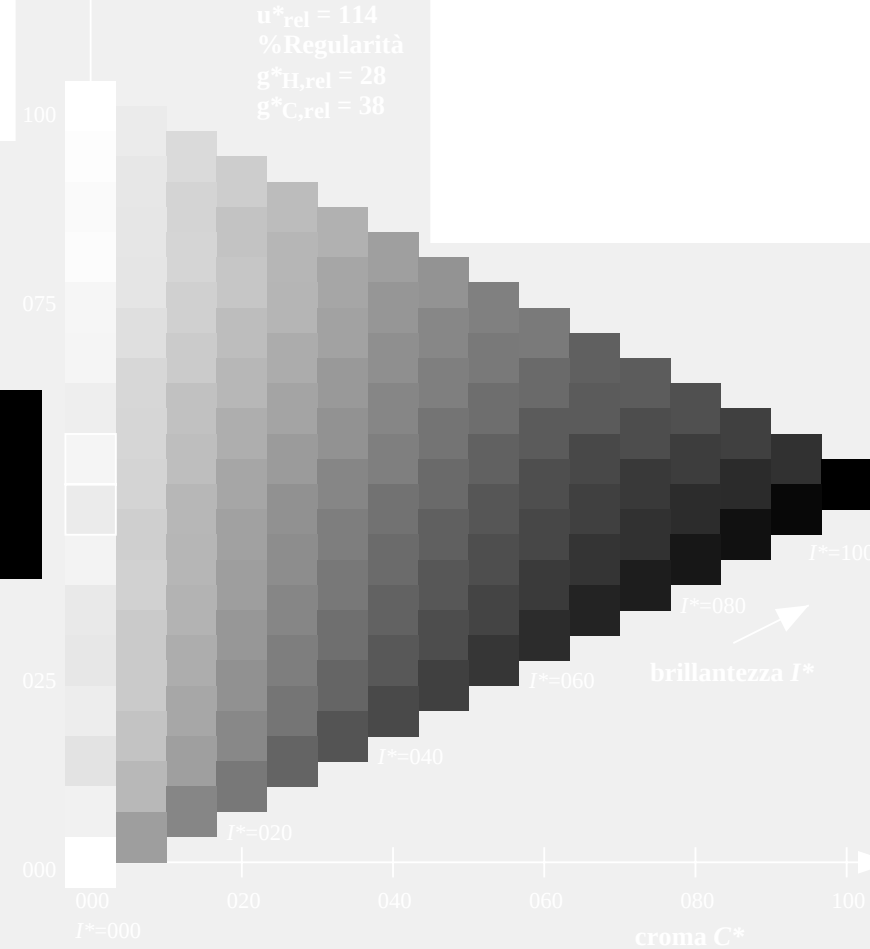
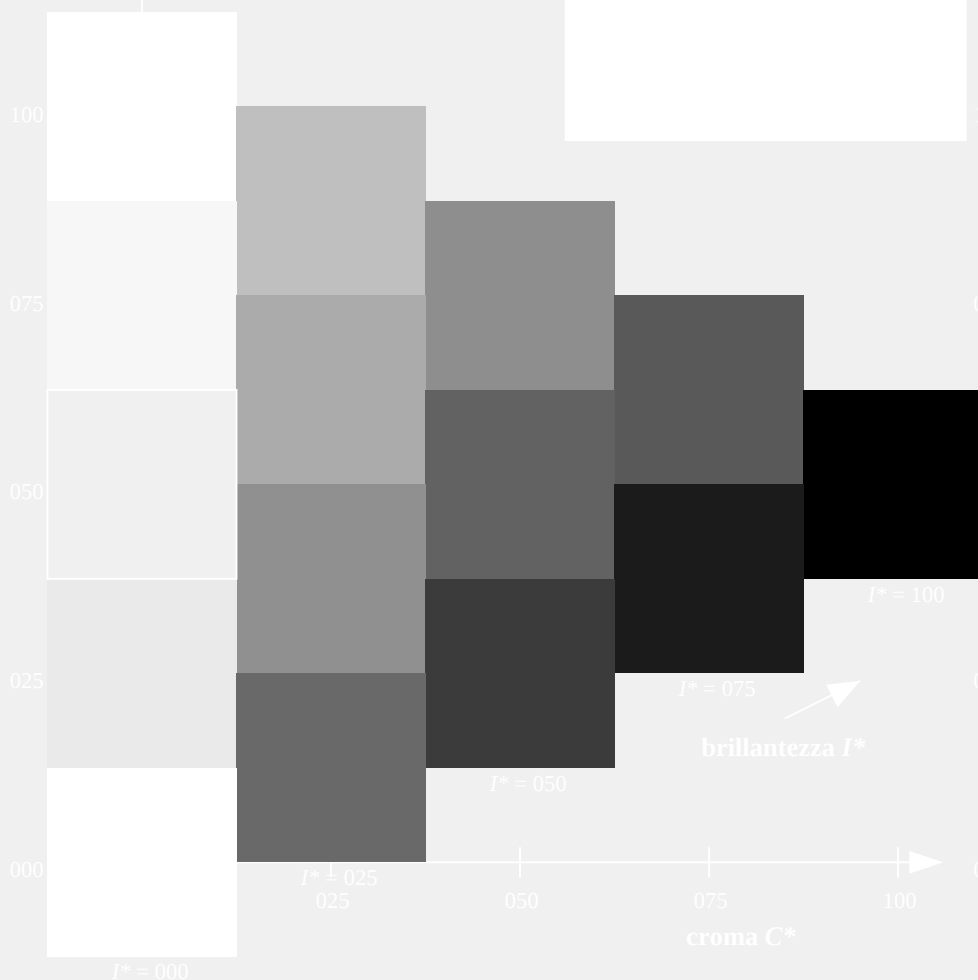


grafico TUB-QI19; codice di tinte: $H^*_e=R50Y_e$
grafico conformemente a DIN 33872, 3D=1, de=1, cmk^*

immettere: $rgb/cmyk \rightarrow rgb_{de}$
uscita: 3D-linearizzzzazione a cmk^*_{de}

Immettere y uscita: Printer Reflective System FRS06a for relative CIELAB hue $h_{ab,a,rel} = h_{ab}/360 = 58/360 = 0.16$

$H^*_e = R50Y_e$

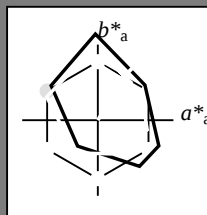
Dati del dispositivo (d) o
colori elementari (e):

HIC^*_e

codice di tonalità per i colori
questa pagina:

$H^*_e = R50Y_e$

triangolo chiarezza T^*



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	25
$Y_{e,Ma}$	83.6	-3.1	76.8	76.9	92
$G_{e,Ma}$	53.8	-65.9	21.1	69.2	162
$C_{e,Ma}$	54.9	-38.7	-29.1	48.4	216
$B_{e,Ma}$	37.3	1.4	-48.6	48.7	271
$M_{e,Ma}$	38.5	46.7	-28.5	54.7	328
$N_{e,Ma}$	23.8	0.0	0.0	0.0	0
$W_{e,Ma}$	95.8	0.0	0.0	0.0	0
$R_{e,CIE}$	39.9	58.7	27.9	65.0	25
$Y_{e,CIE}$	81.2	-2.8	71.5	71.6	92
$G_{e,CIE}$	52.2	-42.4	13.6	44.5	162
$B_{e,CIE}$	30.5	1.4	-46.4	46.4	271

Il dati per il massimo colore (Ma):

$LabCh^*_{e,Ma}$: 61 35 58 68 58

$HIC^*_{e,Ma}$: R50Y_100_100_e

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

1.0 0.31 0.0 1.0 1.0

triangolo chiarezza T^*

%Gamma

$u^*_{rel} = 114$

%Regularità

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

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

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	25
$R25Y_{100_100_e}$	51.4	54.8	47.7	72.6	41
$R50Y_{100_100_e}$	61.8	35.2	58.4	68.2	58
$R75Y_{100_100_e}$	72.3	16.1	68.2	70.1	76
$Y00G_{100_100_e}$	83.6	-3.1	76.8	76.9	92
$Y25G_{100_100_e}$	85.8	-26.4	78.5	82.9	108
$Y50G_{100_100_e}$	71.0	-41.7	54.8	68.9	127
$Y75G_{100_100_e}$	59.9	-58.2	39.3	70.2	145
$G00B_{100_100_e}$	53.8	-65.9	21.1	69.2	162
$G25B_{100_100_e}$	55.0	-51.6	-8.7	52.3	189
$G50B_{100_100_e}$	54.9	-38.7	-29.1	48.4	216
$G75B_{100_100_e}$	51.7	-23.3	-48.6	53.9	244
$B00R_{100_100_e}$	37.3	1.4	-48.6	48.7	271
$B25R_{100_100_e}$	31.5	24.4	-41.9	48.5	300
$B50R_{100_100_e}$	38.5	46.7	-28.5	54.7	328
$B75R_{100_100_e}$	49.4	65.5	-9.1	66.2	352

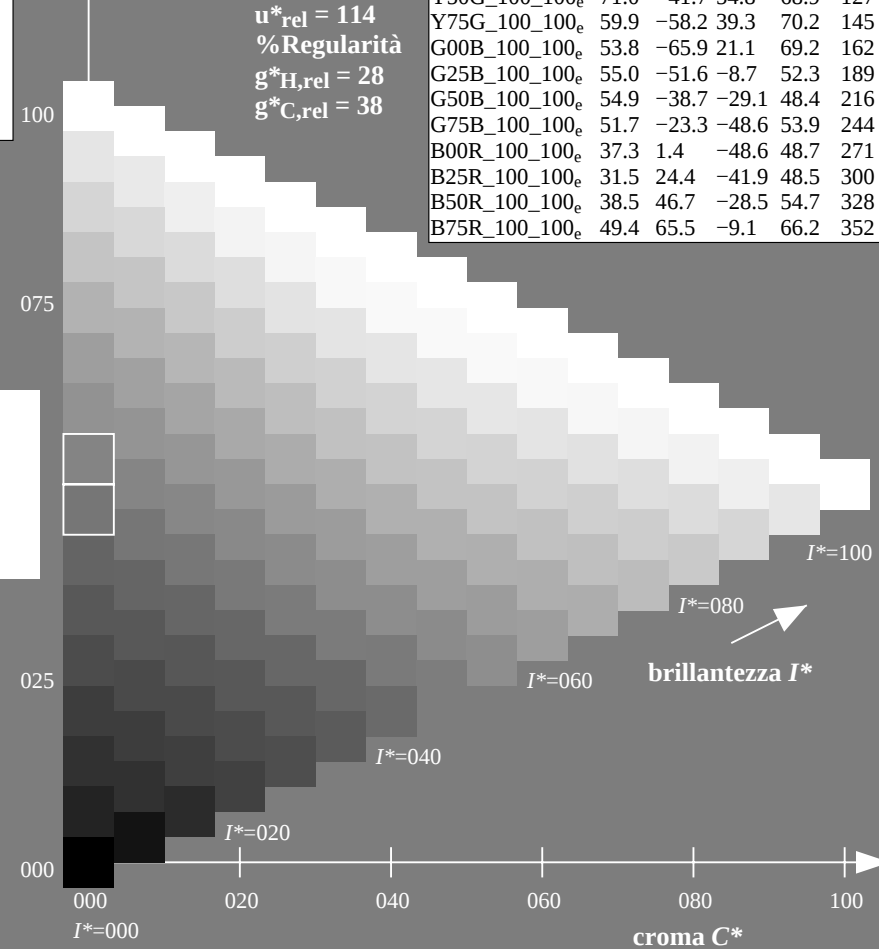
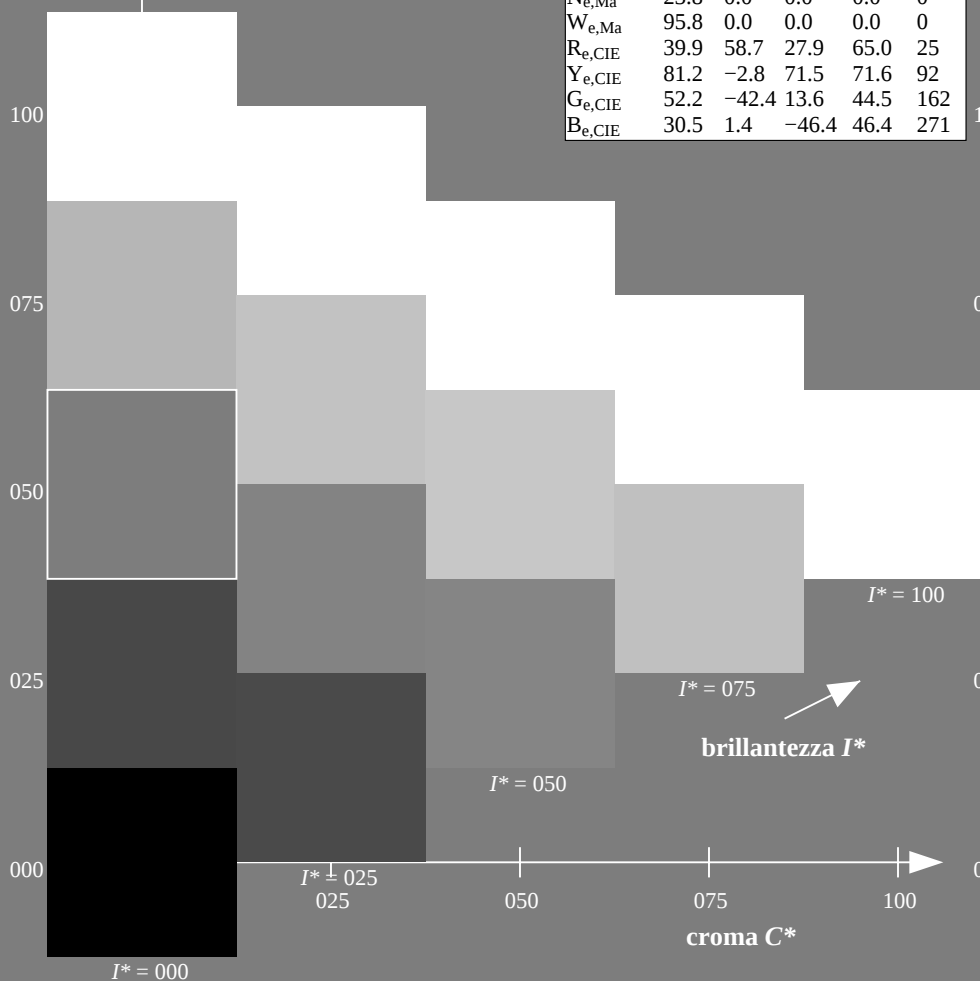


grafico TUB-QI19; codice di tinte: $H^*_e=R50Y_e$
grafico conformemente a DIN 33872, 3D=1, de=1, $cm\dot{y}k^*$

immettere: $rgb/cmyk \rightarrow rgb_{de}$
uscita: 3D-linearizzazzione a $cm\dot{y}k^*_{de}$

Data of Maximum color M in colorimetric system Laser printer output; separation cmyn6*, 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

$LCH^*_e = 54.9 \ 48.4 \ 216.9$

$LAB^*_e = 54.9 \ -38.7 \ -29.1$

$rgb^*_{de} = 0.0 \ 1.0 \ 0.791$

B_e

$LCH^*_e = 37.3 \ 48.7 \ 271.7$

$LAB^*_e = 37.3 \ 1.4 \ -48.6$

$rgb^*_{de} = 0.0 \ 0.261 \ 1.0$

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

$LCH^*_e = 38.5 \ 54.7 \ 328.6$

$LAB^*_e = 38.5 \ 46.7 \ -28.5$

$rgb^*_{de} = 0.584 \ 0.0 \ 1.0$

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^*, LCH^*, LAB^*

$h_{ab,i}$

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

$h_{ab,s}$

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

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

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

$h_{ab,e}$

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

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

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

$h_{ab,i}$

$h_{ab,d}$

rgb^*_{de}

4-113630-L0 QI190-73 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

grafico TUB-QI19; codice di tinte: $H^*_e=R50Y_e$
cerchio delle tinte a 48 passi; $rgb-LabCh^*$ tavole

uscita: Laser printer output; separation cmyn6*, D65, pagina 7/33

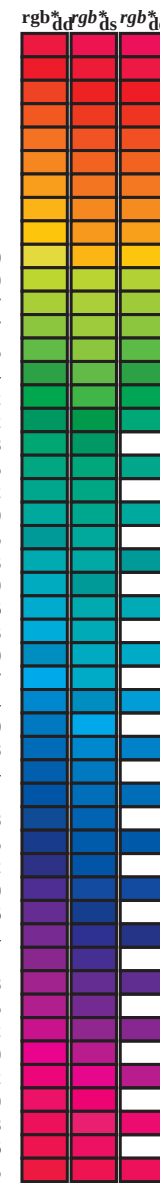
immettere: $rgb/cmyk \rightarrow rgb_{de}$
uscita: 3D-linearizzazzione a $cmyk^*_{de}$

Data of Maximum color M in colorimetric system Laser printer output; separation cmyn6*, D65 for input or output; Six hue angles of the 60 degree standard colours $RYGBM_5$: $h_{ab,ds} = 30.0, 90.0, 150.0, 210.0, 270.0, 330.0$;
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)					$rgb^*_{ddx361M}$			$LAB^*_{ddx361M}$ (x=LabCh)					$rgb^*_{dsx361M}$			$LAB^*_{dsx361M}$ (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	0.0	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	67.3	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	100
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	111
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	121
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	131
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	151
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	161
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	161
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	171
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	180
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	181
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	191
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	200
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	201
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	211
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	221
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	231
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	233
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	241
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	251
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	255
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	261
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.							

Data of Maximum color M in colorimetric system Laser printer output; separation cmyn6*, D65 for input or output; Six hue angles of the 60 degree standard colours $RYGCBM_s$: $h_{ab,ds} = 30.0, 90.0, 150.0, 210.0, 270.0, 330.0$;
Six hue angles of the device colours $RYGCBM_d$: $h_{ab,d} = 33.5, 100.6, 155.5, 235.2, 290.8, 348.9$; Six hue angles of the elementary colours $RYGCBM_e$: $h_{ab,e} = 25.5, 92.3, 162.2, 217.0, 271.7, 328.6$

$h_{ab,d}$	$h_{ab,s}$	$h_{ab,e}$	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	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



4-113830-L0 QI190-73 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

grafico TUB-QI19; codice di tinte: $H^*_e=R50Y_e$
cerchio delle tinte a 48 passi; $rgb-LabCh^*$ tavole

immettere: $rgb/cmyk \rightarrow rgb_{de}$
uscita: 3D-linearizzazzione a $cmyk^*_{de}$

uscita: Laser printer output; separation cmyn6*, D65, pagina 9/33

vedere dei file simili: <http://130.149.60.45/~farbmetrik/QI19/QI19L0FP.PDF> / .PS
informazioni tecniche: <http://www.ps.bam.de> o <http://130.149.60.45/~farbmetrik>

TUB iscrizione: 20130201-QI19/QI19L0FP.PDF / .PS
la domanda per la misura di uscita della stampante laser, separazione cmyn6* (CMYK)
TUB materiale: code=rha4ta

Data of Maximum color M in colorimetric system Laser printer output; separation cmyn6*, D65 for input or output; Six hue angles of the 60 degree standard colours $RYGCBM_s$: $h_{ab,ds} = 30.0, 90.0, 150.0, 210.0, 270.0, 330.0$;
Six hue angles of the device colours $RYGCBM_d$: $h_{ab,d} = 33.5, 100.6, 155.5, 235.2, 290.8, 348.9$; Six hue angles of the elementary colours $RYGCBM_e$: $h_{ab,e} = 25.5, 92.3, 162.2, 217.0, 271.7, 328.6$

$h_{ab,d}$	$h_{ab,s}$	$h_{ab,e}$	rgb^*_{dd361M}	$LAB^*_{dd361Mi}(x=LabCh)$	R_d	$rgb^*_{ds361Mi}$	$LAB^*_{ds361Mi}(x=LabCh)$	R_s	$rgb^*_{dd361Mi}$	$LAB^*_{de361Mi}(x=LabCh)$	R_e	$rgb^*_{dd361Mi}$	rgb^*_{dd}	rgb^*_{ds}	rgb^*_{de}
33	30	25	1.0	0.0	0.0	47.5	57.2	37.8	68.6	33	1.0	0.0	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	0.017	0.0	0.0
35	32	27	1.0	0.033	0.0	48.7	56.6	40.8	69.8	35	1.0	0.0	0.033	0.0	0.0
36	33	28	1.0	0.05	0.0	49.3	56.3	42.3	70.4	36	1.0	0.0	0.05	0.0	0.0
38	34	29	1.0	0.066	0.0	49.9	55.9	43.9	71.1	38	1.0	0.0	0.067	0.0	0.0
39	35	31	1.0	0.083	0.0	50.5	55.5	45.4	71.7	39	1.0	0.0	0.083	0.0	0.0
40	36	32	1.0	0.1	0.0	51.0	55.0	46.9	72.3	40	1.0	0.0	0.1	0.0	0.0
41	37	33	1.0	0.116	0.0	51.6	54.5	48.4	72.9	41	1.0	0.0	0.117	0.0	0.0
42	38	34	1.0	0.133	0.0	52.3	53.4	49.7	73.0	42	1.0	0.0	0.133	0.0	0.0
44	39	35	1.0	0.15	0.0	53.2	51.8	50.6	72.4	44	1.0	0.0	0.15	0.0	0.0
45	40	36	1.0	0.166	0.0	54.0	50.2	51.5	71.9	45	1.0	0.0	0.167	0.0	0.0
47	41	37	1.0	0.183	0.0	54.9	48.5	52.3	71.4	47	1.0	0.0	0.183	0.0	0.0
48	42	38	1.0	0.2	0.0	55.7	46.8	53.1	70.8	48	1.0	0.0	0.2	0.0	0.0
50	43	39	1.0	0.216	0.0	56.6	45.2	53.8	70.3	50	1.0	0.0	0.217	0.0	0.0
51	44	41	1.0	0.233	0.0	57.4	43.5	54.5	69.7	51	1.0	0.0	0.233	0.0	0.0
52	45	42	1.0	0.25	0.0	58.2	41.8	55.1	69.2	52	1.0	0.0	0.25	0.0	0.0
54	46	43	1.0	0.266	0.0	59.1	40.2	56.0	69.0	54	1.0	0.0	0.267	0.0	0.0
55	47	44	1.0	0.283	0.0	59.9	38.6	56.8	68.7	55	1.0	0.0	0.283	0.0	0.0
57	48	45	1.0	0.3	0.0	60.8	37.1	57.5	68.5	57	1.0	0.0	0.3	0.0	0.0
58	49	46	1.0	0.316	0.0	61.6	35.5	58.2	68.2	58	1.0	0.0	0.317	0.0	0.0
60	50	47	1.0	0.333	0.0	62.5	33.9	58.9	68.0	60	1.0	0.0	0.333	0.0	0.0
61	51	48	1.0	0.35	0.0	63.3	32.2	59.5	67.7	61	1.0	0.0	0.35	0.0	0.0
63	52	49	1.0	0.366	0.0	64.2	30.6	60.1	67.5	63	1.0	0.0	0.367	0.0	0.0
64	53	51	1.0	0.383	0.0	65.0	29.1	60.8	67.4	64	1.0	0.0	0.383	0.0	0.0
65	54	52	1.0	0.4	0.0	65.8	27.8	61.7	67.7	65	1.0	0.0	0.4	0.0	0.0
67	55	53	1.0	0.416	0.0	66.6	26.4	62.5	67.9	67	1.0	0.0	0.417	0.0	0.0
68	56	54	1.0	0.433	0.0	67.3	25.0	63.3	68.1	68	1.0	0.0	0.433	0.0	0.0
69	57	55	1.0	0.45	0.0	68.1	23.6	64.1	68.3	69	1.0	0.0	0.45	0.0	0.0
71	58	56	1.0	0.466	0.0	68.9	22.1	64.8	68.5	71	1.0	0.0	0.467	0.0	0.0
72	59	57	1.0	0.483	0.0	69.7	20.7	65.6	68.8	72	1.0	0.0	0.483	0.0	0.0
73	60	58	1.0	0.5	0.0	70.5	19.2	66.2	69.0	73	1.0	0.0	0.5	0.0	0.0
74	61	60	1.0	0.516	0.0	71.0	18.2	66.9	69.3	74	1.0	0.0	0.517	0.0	0.0
75	62	61	1.0	0.533	0.0	71.6	17.2	67.5	69.7	75	1.0	0.0	0.533	0.0	0.0
76	63	62	1.0	0.55	0.0	72.2	16.2	68.1	70.0	76	1.0	0.0	0.55	0.0	0.0
77	64	63	1.0	0.566	0.0	72.8	15.1	68.7	70.4	77	1.0	0.0	0.567	0.0	0.0
78	65	64	1.0	0.583	0.0	73.4	14.1	69.3	70.7	78	1.0	0.0	0.583	0.0	0.0
79	66	65	1.0	0.6	0.0	74.0	13.0	69.9	71.1	79	1.0	0.0	0.6	0.0	0.0
80	67	66	1.0	0.616	0.0	74.6	12.0	70.4	71.4	80	1.0	0.0	0.617	0.0	0.0
81	68	67	1.0	0.633	0.0	75.4	10.6	71.2	72.0	81	1.0	0.0	0.633	0.0	0.0
82	69	68	1.0	0.65	0.0	76.5	8.9	72.1	72.7	82	1.0	0.0	0.65	0.0	0.0
84	70	70	1.0	0.666	0.0	77.5	7.2	73.0	73.4	84	1.0	0.0	0.667	0.0	0.0
85	71	71	1.0	0.683	0.0	78.6	5.4	73.9	74.1	85	1.0	0.0	0.683	0.0	0.0
87	72	72	1.0	0.7	0.0	79.7	3.6	74.7	74.8	87	1.0	0.0	0.7	0.0	0.0
88	73	73	1.0	0.716	0.0	80.8	1.7	75.5	75.5	88	1.0	0.0	0.717	0.0	0.0
-269	74	74	1.0	0.733	0.0	81.8	-0.1	76.3	76.3	-269	1.0	0.0	0.733	0.0	0.0
-268	75	75	1.0	0.75	0.0	82.9	-2.0	76.9	77.0	-268	1.0	0.0	0.75	0.0	0.0

4-113930-L0 QI190-73 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 cmyn6*, D65, pagina 10/33

grafico TUB-QI19; codice di tinte: $H^*_e=R50Y_e$
cerchio delle tinte a 48 passi; $rgb-LabCh^*$ tavole

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

4-113930-F0 C M Y O L V

TUB iscrizione: 20130201-QI19/QI19L0FP.PDF /.PS
la domanda per la misura di uscita della stampante laser, separazione cmyn6* (CMYK)

TUB materiale: code=rha4ta

Data of Maximum color M in colorimetric system Laser printer output; separation cmyn*6, 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 $RYGCBM_e$: $h_{ab,e} = 25.5, 92.3, 162.2, 217.0, 271.7, 328.6$

$h_{ab,d}$	$h_{ab,s}$	$h_{ab,e}$	rgb^*_{dd361M}					$LAB^*_{\text{dd361Mi}}(x=\text{LabCh})$					R_d	rgb^*_{ds361Mi}					$LAB^*_{\text{ds361Mi}}(x=\text{LabCh})$					Y_s	rgb^*_{dd361Mi}					rgb^*_{de361Mi}					$LAB^*_{\text{dex361Mi}}(x=\text{LabCh})$					Y_e	rgb^*_{dd361Mi}				
-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																													

4-1131030-L0	QI190-73	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
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grafico TUB-QI19; codice di tinte: H^{*}_e=R50Y_e
cerchio delle tinte a 48 passi; *rqb-LabCh** tavolo

immettere: $rgb/cmyk \rightarrow rgb_{de}$
 uscita: 3D-linearizzazione a cm

uscita: Laser printer output; separation cmy6*, D65, pagina 11/36

TUB iscrizione: 20130201-QI19/QI19L0FP.PDF /.PS
la domanda per la misura di uscita della stampante la

TUB materiale: code=rha4ta
zione cmy6* (CMYK)

vedere dei file simili: <http://130.149.60.45/~farbmctrik/Q119/Q119.HTM>
informazioni tecniche: <http://www.ps.bam.de> o <http://130.149.60.45/~farbmctrik/>

Data of Maximum color M in colorimetric system Laser printer output; separation cmyn6*, D65 for input or output; Six hue angles of the 60 degree standard colours $RYGCBM_s$: $h_{ab,ds} = 30.0, 90.0, 150.0, 210.0, 270.0, 330.0$;
Six hue angles of the device colours $RYGCBM_d$: $h_{ab,d} = 33.5, 100.6, 155.5, 235.2, 290.8, 348.9$; Six hue angles of the elementary colours $RYGCBM_e$: $h_{ab,e} = 25.5, 92.3, 162.2, 217.0, 271.7, 328.6$

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

4-1131130-L0 QI190-73 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

grafico TUB-QI19; codice di tinte: $H^*_e=R50Y_e$
cerchio delle tinte a 48 passi; $rgb-LabCh^*$ tavole

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

uscita: Laser printer output; separation cmyn6*, D65, pagina 12/33

Data of Maximum color M in colorimetric system Laser printer output; separation cmyn6*, D65 for input or output; Six hue angles of the 60 degree standard colours $RYGCBM_s$; $h_{ab,ds} = 30.0, 90.0, 150.0, 210.0, 270.0, 330.0$;

Six hue angles of the device colours <i>RYGCBM</i> _d ; <i>h</i> _{abd} = 33.5, 100.6, 155.5, 235.2, 290.8, 348.9; Six hue angles of the elementary colours <i>RYGCBM</i> _e ; <i>h</i> _{abe} = 25.5, 92.3, 162.2, 217.0, 271.7, 328.6													
<i>h</i> _{abd}	<i>h</i> _{abs}	<i>h</i> _{abe}	<i>rgb</i> * _{dd361M}	<i>LAB</i> * _{dsx361Mi} (x=LabCh)	<i>rgb</i> * _{ds361Mi}	<i>LAB</i> * _{dsx361Mi} (x=LabCh)	<i>rgb</i> * _{dd361Mi}	<i>rgb</i> * _{de361Mi}	<i>LAB</i> * _{dex361Mi} (x=LabCh)	<i>rgb</i> * _{dd361Mi}	<i>rgb</i> * _{dd}	<i>rgb</i> * _{ds}	<i>rgb</i> * _{de}
168	165	175	0.0	1.0	0.25	53.7	-63.1	12.8	63.4	168	0.0	1.0	0.25
170	166	176	0.0	1.0	0.266	53.9	-62.4	10.9	64.4	170	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	0.283
173	168	178	0.0	1.0	0.3	54.1	-60.9	7.3	61.3	173	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	0.317
176	170	180	0.0	1.0	0.333	54.4	-59.2	3.9	59.3	176	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	0.35
179	172	182	0.0	1.0	0.366	54.7	-57.3	0.8	57.3	179	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	0.383
181	174	184	0.0	1.0	0.4	54.8	-55.8	-1.8	55.9	181	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	0.417
184	176	185	0.0	1.0	0.433	54.8	-54.5	-4.3	54.6	184	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	0.45
187	178	187	0.0	1.0	0.466	54.9	-53.0	-6.6	53.4	187	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	0.483
189	180	189	0.0	1.0	0.5	55.0	-51.4	-8.9	52.2	189	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	0.517
193	182	191	0.0	1.0	0.533	55.1	-49.7	-12.1	51.2	193	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	0.55
197	184	193	0.0	1.0	0.566	55.2	-47.8	-15.2	50.2	197	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	0.583
201	186	195	0.0	1.0	0.6	55.2	-45.8	-18.0	49.2	201	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	0.617
205	188	196	0.0	1.0	0.633	55.3	-43.8	-20.5	48.4	205	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	0.65
207	190	198	0.0	1.0	0.666	55.3	-42.7	-22.5	48.3	207	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	0.683
210	192	200	0.0	1.0	0.7	55.2	-41.5	-24.4	48.1	210	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	0.717
213	194	202	0.0	1.0	0.733	55.2	-40.2	-26.2	48.0</				

4-1131230-L0	QI190-73	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
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uscita: Laser printer output; separation cmy6n6*, D65, pagina 13/36

grafico TUB-QI19; codice di tinte: $H^*_e=R50Y_e$
cerchio delle tinte a 48 passi; $rqb-LabCh^*$ tavole

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

TUB iscrizione: 20130201-QI19/QI19L0FP.PDF /.PS
la domanda per la misura di uscita della stampante la

TUB materiale: code=rha4ta
zione cmy6* (CMYK)

Data of Maximum color M in colorimetric system Laser printer output; separation cmyn6*, D65 for input or output; Six hue angles of the 60 degree standard colours $RYGCBM_s$: $h_{ab,ds} = 30.0, 90.0, 150.0, 210.0, 270.0, 330.0$;
Six hue angles of the device colours $RYGCBM_d$: $h_{ab,d} = 33.5, 100.6, 155.5, 235.2, 290.8, 348.9$; Six hue angles of the elementary colours $RYGCBM_e$: $h_{ab,e} = 25.5, 92.3, 162.2, 217.0, 271.7, 328.6$

h _{ab,d} h _{ab,s} h _{ab,e} r ^{gb} *_dd361Mi LAB*_dd361Mi (x=LabCh)										r ^{gb} *_ds361Mi LAB*_ds361Mi (x=LabCh)										r ^{gb} *_dd361Mi LAB*_dex361Mi (x=LabCh)										r ^{gb} *_dd361Mi r ^{gb} *_ds r ^{gb} *_de									
235	210	216	0.0	1.0	1.0	53.1	-30.0	-43.1	52.5	235	C _d	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				
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					
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																																	

Data of Maximum color M in colorimetric system Laser printer output; separation cmyn6*, D65 for input or output; Six hue angles of the 60 degree standard colours $RYGCBM_s$: $h_{ab,ds} = 30.0, 90.0, 150.0, 210.0, 270.0, 330.0$;
Six hue angles of the device colours $RYGCBM_d$: $h_{ab,d} = 33.5, 100.6, 155.5, 235.2, 290.8, 348.9$; Six hue angles of the elementary colours $RYGCBM_e$: $h_{ab,e} = 25.5, 92.3, 162.2, 217.0, 271.7, 328.6$

$h_{ab,d}$	$h_{ab,s}$	$h_{ab,e}$	rgb^*_{dd361M}	LAB^*_{d361Mi} (x=LabCh)	$rgb^*_{ds361Mi}$	$LAB^*_{ds361Mi}$ (x=LabCh)	$rgb^*_{dd361Mi}$	$LAB^*_{de361Mi}$	rgb^*_{d361Mi} (x=LabCh)	$rgb^*_{dd361Mi}$	$LAB^*_{de361Mi}$ (x=LabCh)	$rgb^*_{dd361Mi}$	$rgb^*_{dd361Mi}$	$rgb^*_{ds361Mi}$	$rgb^*_{de361Mi}$	
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
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
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
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
277	259	261	0.0	0.183 1.0	35.9	6.1	-47.5 47.9	277	0.0	0.434 1.0	43.7	-9.5	-49.4 50.4	259	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	0.418 1.0	43.0	-8.6	-49.3 50.2	260	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
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
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
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
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
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
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
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
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
290	270	271	0.0	0.0 1.0	32.5	16.9	-44.6 47.7	290	0.0	0.283 1.0	38.1	0.0	-48.8 48.9	270	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	0.017 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
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
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
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
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
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
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
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
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
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
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
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
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
307	285	286	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
309	286	287	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
310	287	288	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
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
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
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
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
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
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
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
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	-43.5 48.1	295	0.417 0.0	1.0
320	296	296	0.433 0.0	1.0	35.6	40.5	-33.1 52.4	320	0.077 0.0	1.0	32.0	21.1	-43.2 48.1	296	0.433 0.0	1.0
321	297	297	0.45 0.0	1.0	36.0	41.2	-32.6 52.5	321	0.092 0.0	1.0	31.9	21.9	-42.9 48.2	297	0.45 0.0	1.0
322	298	298	0.466 0.0	1.0	36.4	41.8	-32.0 52.7	322	0.107 0.0	1.0	31.7	22.7	-42.5 48.3	298	0.467 0.0	1.0
323	299	299	0.483 0.0	1.0	36.8	42.5	-31.4 52.9	323	0.122 0.0	1.0	31.6	23.5	-42.2 48.4	299	0.483 0.0	1.0
324	300	300	0.5 0.0	1.0	37.2	43.1	-30.8 53.0	324	0.136 0.0	1.0	31.6	24.3	-41.9 48.5	300	0.5 0.0	1.0

4-1131430-L0 QI190-73 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

grafico TUB-QI19; codice di tinte: $H^*_e=R50Y_e$
cerchio delle tinte a 48 passi; $rgb-LabCh^*tavole$

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

uscita: Laser printer output; separation cmyn6*, D65, pagina 15/33

TUB iscrizione: 20130201-QI19/QI19L0FP.PDF /PS
la domanda per la misura di uscita della stampante laser, separazione cmyn6* (CMYK)

TUB materiale: code=rha4ta

Data of Maximum color M in colorimetric system Laser printer output; separation cmyn6*, D65 for input or output; Six hue angles of the 60 degree standard colours *RYGBCM*_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 $RYGCBM_e$: $h_{ab,e} = 25.5, 92.3, 162.2, 217.0, 271.7, 328.0$

$h_{ab,d}$	$h_{ab,s}$	$h_{ab,e}$	rgb^*_{dd361M}	$LAB^*_{\text{dd361Mi}} (x=\text{LabCh})$	rgb^*_{ds361Mi}	$LAB^*_{\text{dsx361Mi}} (x=\text{LabCh})$	rgb^*_{dd361Mi}	rgb^*_{de361Mi}	$LAB^*_{\text{dex361Mi}} (x=\text{LabCh})$	rgb^*_{dd361Mi}																						
324	300	300	0.5	0.0	1.0	37.2	43.1	-30.8	53.0	324	0.136	0.0	1.0	31.6	24.3	-41.9	48.5	300	0.5	0.0	1.0	0.139	0.0	1.0	31.5	24.4	-41.9	48.6	300	0.5	0.0	1.0
325	301	301	0.516	0.0	1.0	37.4	43.8	-30.4	53.4	325	0.151	0.0	1.0	31.5	25.1	-41.6	48.7	301	0.517	0.0	1.0	0.153	0.0	1.0	31.5	25.2	-41.6	48.7	301	0.517	0.0	1.0
326	302	302	0.533	0.0	1.0	37.7	44.5	-29.9	53.7	326	0.165	0.0	1.0	31.4	25.9	-41.3	48.9	302	0.533	0.0	1.0	0.166	0.0	1.0	31.4	26.0	-41.3	48.9	302	0.533	0.0	1.0
326	303	303	0.55	0.0	1.0	37.9	45.3	-29.5	54.0	326	0.18	0.0	1.0	31.4	26.7	-41.0	49.0	303	0.55	0.0	1.0	0.18	0.0	1.0	31.4	26.7	-41.0	49.0	303	0.55	0.0	1.0
327	304	303	0.566	0.0	1.0	38.2	46.0	-29.0	54.4	327	0.194	0.0	1.0	31.3	27.5	-40.7	49.2	304	0.567	0.0	1.0	0.194	0.0	1.0	31.3	27.5	-40.7	49.2	303	0.567	0.0	1.0
328	305	304	0.583	0.0	1.0	38.4	46.7	-28.5	54.7	328	0.209	0.0	1.0	31.2	28.3	-40.3	49.4	305	0.583	0.0	1.0	0.208	0.0	1.0	31.2	28.3	-40.4	49.4	304	0.583	0.0	1.0
329	306	305	0.6	0.0	1.0	38.7	47.4	-28.0	55.1	329	0.224	0.0	1.0	31.1	29.1	-40.0	49.5	306	0.6	0.0	1.0	0.222	0.0	1.0	31.2	29.0	-40.0	49.5	305	0.6	0.0	1.0
330	307	306	0.616	0.0	1.0	38.9	48.1	-27.5	55.4	330	0.238	0.0	1.0	31.1	29.9	-39.6	49.7	307	0.617	0.0	1.0	0.235	0.0	1.0	31.1	29.8	-39.7	49.7	306	0.617	0.0	1.0
331	308	307	0.633	0.0	1.0	39.2	48.9	-26.9	55.8	331	0.252	0.0	1.0	31.1	30.7	-39.2	49.9	308	0.633	0.0	1.0	0.249	0.0	1.0	31.0	30.5	-39.3	49.8	307	0.633	0.0	1.0
332	309	308	0.65	0.0	1.0	39.6	49.8	-26.2	56.3	332	0.265	0.0	1.0	31.4	31.5	-38.8	50.1	309	0.65	0.0	1.0	0.261	0.0	1.0	31.3	31.3	-39.0	50.0	308	0.65	0.0	1.0
333	310	309	0.666	0.0	1.0	40.0	50.7	-25.4	56.8	333	0.278	0.0	1.0	31.8	32.3	-38.4	50.3	310	0.667	0.0	1.0	0.274	0.0	1.0	31.6	32.1	-38.6	50.2	309	0.667	0.0	1.0
334	311	310	0.683	0.0	1.0	40.4	51.6	-24.7	57.2	334	0.291	0.0	1.0	32.1	33.1	-38.0	50.5	311	0.683	0.0	1.0	0.286	0.0	1.0	32.0	32.8	-38.2	50.4	310	0.683	0.0	1.0
335	312	311	0.7	0.0	1.0	40.7	52.5	-23.9	57.7	335	0.304	0.0	1.0	32.4	33.9	-37.6	50.7	312	0.7	0.0	1.0	0.298	0.0	1.0	32.3	33.6	-37.8	50.6	311	0.7	0.0	1.0
336	313	312	0.716	0.0	1.0	41.1	53.4	-23.1	58.2	336	0.317	0.0																				

4-1131530-L0	QI190-73	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
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grafico TUB-QI19; codice di tinte: H^{*}_e=R50Y_e
cerchio delle tinte a 48 passi; *rqb-LabCh**tavole

immettere: $rgb/cmyk \rightarrow rgb_{def}$
uscita: 3D-linearizzazione a cm

uscita: Laser printer output; separation cmyk6*, D65, pagina 16/36

TUB iscrizione: 20130201-QI19/QI19L0FP.PDF /.PS
la domanda per la misura di uscita della stampante la

TUB materiale: code=rha4ta
zione cmy6* (CMYK)

vedere dei file simili: <http://130.149.60.45/~farbmctrik/Q119/Q119.HTM>
informazioni tecniche: <http://www.ps.barn.de> o <http://130.149.60.45/~farbmctrik/>

Data of Maximum color M in colorimetric system Laser printer output; separation cmyn6*, D65 for input or output; Six hue angles of the 60 degree standard colours $RYGBCM_s$: $h_{ab,ds} = 30.0, 90.0, 150.0, 210.0, 270.0, 330.0$; Six hue angles of the device colours $RYGBCM_d$: $h_{ab,d} = 33.5, 100.6, 155.5, 235.2, 290.8, 348.9$; Six hue angles of the elementary colours $RYGBCM_e$: $h_{ab,e} = 25.5, 92.3, 162.2, 217.0, 271.7, 328.6$

[illegible]

4-1131630-L0	QI190-73	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
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grafico TUB-QI19; codice di tinte: H^{*}_e=R50Y_e
cerchio delle tinte a 48 passi; *rqb-LabCh**tavole

immettere: $rgb/cmyk \rightarrow rgb_{def}$
uscita: 3D-linearizzazione a cm

uscita: Laser printer output; separation cmy6*, D65, pagina 17/36

TUB iscrizione: 20130201-QI19/QI19L0FP.PDF /.PS
la domanda per la misura di uscita della stampante la

TUB materiale: code=rha4ta
zione cmy6* (CMYK)

vedere dei file simili: <http://130.149.60.45/~farbmétrik/Q119/Q119.HTM>
informazioni tecniche: <http://www.ps.barn.de> o <http://130.149.60.45/~farbmétrik/>

http://130.149.60.45/~farbmatrik/QI19/QI19L0FP.PDF /PS; 3D-linearizzazione
F: 3D-linearizzazione QI19/QI19L30FP.DAT nel file (F), pagina 18/33

grafico TUB-QI19; codice di tinte: H*_e=R50Y_e

uscita: 3D-linearizzazione a $cm\dot{y}k^*_{de}$

id	name	HIC_Fide	rgb_Fide	ict_Fide	hsa_Fide	rgb_haxide	LabCh_haxide	cmvnt_sep_Fide	hsaxide	rgb_haxide	LabCh_haxide	delta			
16458	R00Y_100_100de	1.0	0.0	1.0	0.5	390	0.0	0.0	375	1.0	0.263	47.5	56.0	62.1	25.4
16459	R13X_100_100de	1.0	0.125	0.0	1.0	0.5	37	1.657	389	1.0	0.0	0.012	47.5	57.1	37.5
16460	R25Y_100_100de	1.0	0.025	0.0	1.0	0.5	44	0.266	35	1.0	0.108	0.0	51.4	54.8	47.7
16461	R38Y_100_100de	1.0	0.375	0.0	1.0	0.5	52	0.106	41	1.0	0.216	0.0	56.5	45.2	53.8
16462	R46Y_100_100de	1.0	0.05	0.0	1.0	0.5	68	0.106	48	1.0	0.319	0.0	61.8	35.2	68.2
16463	R63Y_100_100de	1.0	0.625	0.0	1.0	0.5	68	0.106	55	1.0	0.425	0.0	67.0	63.0	68.0
16464	R75Y_100_100de	1.0	0.075	0.0	1.0	0.5	83	0.106	63	1.0	0.551	0.0	72.3	16.1	68.2
16465	R88Y_100_100de	1.0	0.875	0.0	1.0	0.5	76	0.106	70	1.0	0.668	0.0	77.7	7.0	73.1
16466	R00G_100_100de	1.0	0.0	1.0	0.5	90	0.0	0.0	77	1.0	0.768	0.0	83.6	-3.1	76.8
16467	R13G_100_100de	1.0	0.125	0.0	1.0	0.5	157	0.0	89	1.0	0.995	0.0	91.4	-15.5	84.4
16468	R25G_100_100de	1.0	0.075	0.0	1.0	0.5	97	0.0	107	0.697	1.0	0.0	85.8	-26.4	78.5
16469	R38G_100_100de	1.0	0.375	0.0	1.0	0.5	112	0.0	113	0.595	1.0	0.0	77.7	-34.4	64.9
16470	R46G_100_100de	1.0	0.05	0.0	1.0	0.5	128	0.0	119	0.5	1.0	0.0	71.0	-41.7	54.8
16471	R63G_100_100de	1.0	0.625	0.0	1.0	0.5	128	0.0	129	0.351	1.0	0.0	65.4	-49.4	46.7
16472	R75G_100_100de	1.0	0.075	0.0	1.0	0.5	136	0.0	137	0.227	1.0	0.0	59.9	-58.2	39.3
16473	R88G_100_100de	1.0	0.875	0.0	1.0	0.5	143	0.0	147	0.04	1.0	0.0	55.2	-65.9	32.0
16474	G00C_100_100de	0.0	1.0	0.0	1.0	0.5	150	0.0	157	0.0	0.146	53.8	-65.9	21.1	69.2
16475	G13C_100_100de	0.0	0.125	0.0	1.0	0.5	157	0.0	163	0.0	0.251	53.7	-63.1	12.7	64.3
16476	G25C_100_100de	0.0	0.075	0.0	1.0	0.5	164	0.0	168	0.0	0.32	54.3	-59.8	5.2	60.1
16477	G38C_100_100de	0.0	0.375	0.0	1.0	0.5	172	0.0	173	0.0	0.404	54.8	-55.6	-2.2	55.7
16478	G46C_100_100de	0.0	0.05	0.0	1.0	0.5	180	0.0	179	0.0	0.497	55.0	-51.6	-8.7	52.3
16479	G63C_100_100de	0.0	0.625	0.0	1.0	0.5	188	0.0	183	0.0	0.56	55.1	-48.2	-14.6	50.4
16480	G75C_100_100de	0.0	0.075	0.0	1.0	0.5	196	0.0	188	0.0	0.622	55.3	-44.3	-19.9	48.5
16481	G88C_100_100de	0.0	0.875	0.0	1.0	0.5	203	0.0	193	0.0	0.701	55.2	-41.4	-24.5	48.1
16482	C00B_100_100de	0.0	1.0	1.0	0.5	210	0.0	0.0	198	0.0	0.791	54.9	-38.7	-29.1	48.4
16483	C13B_100_100de	0.0	0.075	1.0	1.0	0.5	217	0.0	204	0.0	0.888	54.9	-38.1	-34.1	49.7
16484	C25B_100_100de	0.0	0.375	1.0	1.0	0.5	222	0.0	204	0.0	0.915	54.9	-38.1	-34.1	49.7
16485	C38B_100_100de	0.0	0.625	1.0	1.0	0.5	226	0.0	204	0.0	0.915	54.9	-38.1	-34.1	49.7
16486	C46B_100_100de	0.0	0.05	1.0	1.0	0.5	240	0.0	204	0.0	0.686	54.9	-38.1	-34.1	49.7
16487	C63B_100_100de	0.0	0.375	1.0	1.0	0.5	248	0.0	204	0.0	0.686	54.9	-38.1	-34.1	49.7
16488	C75B_100_100de	0.0	0.625	1.0	1.0	0.5	256	0.0	204	0.0	0.686	54.9	-38.1	-34.1	49.7
16489	C88B_100_100de	0.0	0.875	1.0	1.0	0.5	263	0.0	204	0.0	0.686	54.9	-38.1	-34.1	49.7
16490	B00M_100_100de	0.0	0.0	1.0	1.0	0.5	270	0.0	255	0.0	0.261	1.0	37.3	1.4	-48.6
16491	B13M_100_100de	0.0	0.125	0.0	1.0	0.5	274	0.0	260	0.0	0.168	1.0	35.7	6.9	-47.2
16492	B25M_100_100de	0.0	0.075	0.0	1.0	0.5	284	0.0	266	0.0	0.077	1.0	34.1	12.2	-45.8
16493	B38M_100_100de	0.0	0.375	0.0	1.0	0.5	292	0.0	271	0.026	0.0	1.0	32.3	18.3	-44.1
16494	B50M_100_100de	0.0	0.625	0.0	1.0	0.5	300	0.0	271	0.138	0.0	1.0	31.5	24.4	-41.9
16495	B63M_100_100de	0.0	0.075	0.0	1.0	0.5	308	0.0	283	0.249	0.0	1.0	31.0	30.5	-39.4
16496	B75M_100_100de	0.0	0.375	0.0	1.0	0.5	316	0.0	283	0.347	0.0	1.0	33.5	36.5	-36.1
16497	B88M_100_100de	0.0	0.875	0.0	1.0	0.5	323	0.0	297	0.455	0.0	1.0	36.1	41.4	-32.4
16498	M00R_100_100de	1.0	0.0	1.0	0.5	330	0.584	0.0	305	0.584	0.0	1.0	38.5	46.7	-28.5
16499	M13R_100_100de	1.0	0.075	0.0	1.0	0.5	337	0.696	312	0.696	0.0	1.0	40.6	52.3	-24.1
16500	M25R_100_100de	1.0	0.0	0.75	1.0	0.5	344	0.825	320	0.825	0.0	1.0	44.1	58.2	-19.0
16501	M38R_100_100de	1.0	0.0625	0.0	1.0	0.5	352	0.0	331	0.0	0.964	48.5	65.6	-12.2	66.7
16502	M50R_100_100de	1.0	0.0	0.5	1.0	0.5	360	0.0	339	0.0	0.827	49.4	65.5	-9.1	66.2
16503	M63R_100_100de	1.0	0.0375	1.0	1.0	0.5	368	1.0	350	1.0	0.641	48.1	62.2	1.0	62.2
16504	M75R_100_100de	1.0	0.0	0.25	1.0	0.5	376	1.0	359	1.0	0.501	47.8	59.0	10.2	59.9
16505	M88R_100_100de	1.0	0.125	1.0	1.0	0.5	383	1.0	367	1.0	0.392	47.4	57.2	18.2	60.0
16506	R00Y_100_100de	1.0	0.0	0.0	1.0	0.5	390	1.0	375	1.0	0.263	47.5	56.0	26.7	62.1
16507	NW_000de	0.0	0.0	0.0	0.0	0.0	360	0.0	360	1.0	1.0	1.0	95.8	0.0	0.0
16508	NW_013de	0.125	0.125	0.125	0.125	0.125	360	0.125	360	1.0	1.0	1.0	95.8	0.0	0.0
16509	NW_025de	0.25	0.25	0.25	0.25	0.25	360	0.25	360	1.0	1.0	1.0	95.8	0.0	0.0
16510	NW_0375de	0.375	0.375	0.375	0.375	0.375	360	0.375	360	1.0	1.0	1.0	95.8	0.0	0.0
16511	NW_05de	0.5	0.5	0.5	0.5	0.5	360	0.5	360	1.0	1.0	1.0	95.8	0.0	0.0
16512	NW_063de	0.625	0.625	0.625	0.625	0.625	360	0.625	360	1.0	1.0	1.0	95.8	0.0	0.0
16513	NW_075de	0.75	0.75	0.75	0.75	0.75	360	0.75	360	1.0	1.0	1.0	95.8	0.0	0.0
16514	NW_0875de	0.875	0.875	0.875	0.875	0.875	360	0.875	360	1.0	1.0	1.0	95.8	0.0	0.0
16515	NW_100de	1.0	1.0	1.0	1.0	1.0	360	1.0	360	1.0	1.0	1.0	95.8	0.0	0.0



TUB materiale: code=rha4ta

vedere dei file simili: <http://130.149.60.45/~farbmetrik/QI19/QI19.HTM>
informazioni tecniche: <http://www.ps.bam.de> o <http://130.149.60.45/~farbmetrik>

uscita: 3D-linearizzazione a cmk^*_{de}

[illegible]

delta

vedere dei file simili: <http://130.149.60.45/~farbmetrik/QI19/QI19.HTM>
informazioni tecniche: <http://www.ps.bam.de> o <http://130.149.60.45/~farbmetrik>

grafico TUB-QI19; codice di tinte: H*_e=R50Y_e

uscita: 3D-linearizzazione a $cm\dot{y}k^*_{de}$

j	HIC [*] F _{ide}	rgb [*] F _{ide}	ica [*] F _{ide}	hsa [*] F _{ide}	rgb [*] F _{ide}	LabCh [*] F _{ide}	cmv1 [*] sep _{ide}	hmi _{ide}	rgb [*] W _{ide}	LabCh [*] W _{ide}	Δ
0	NV_0000e	0.0	0.0	360	0.0	23.8	0.0	360	1.0	95.8	0.0
1	BOOR_012_012de	0.0	0.125	0.062	270	0.0	0.0	255	0.0	37.3	1.4
2	BOOR_025_025de	0.0	0.25	0.125	270	0.0	0.0	255	0.0	37.3	1.4
3	BOOR_037_037de	0.0	0.375	0.187	270	0.0	0.0	255	0.0	37.3	1.4
4	BOOR_050_050de	0.0	0.5	0.25	270	0.0	0.0	255	0.0	37.3	1.4
5	BOOR_062_062de	0.0	0.625	0.312	270	0.0	0.0	255	0.0	37.3	1.4
6	BOOR_075_075de	0.0	0.75	0.375	270	0.0	0.0	255	0.0	37.3	1.4
7	BOOR_087_087de	0.0	0.875	0.437	270	0.0	0.0	255	0.0	37.3	1.4
8	BOOR_100_100de	0.0	1.0	0.5	270	0.0	0.0	255	0.0	37.3	1.4
9	G00B_012_012de	0.0	0.125	0.062	150	0.0	0.0	157	0.0	53.8	-65.9
10	G50B_012_012de	0.0	0.125	0.062	210	0.0	0.0	198	0.0	51.7	-38.7
11	G75B_025_025de	0.0	0.125	0.125	240	0.0	0.0	198	0.0	51.7	-38.7
12	G84B_037_037de	0.0	0.125	0.187	251	0.0	0.0	198	0.0	51.7	-38.7
13	G84B_050_050de	0.0	0.125	0.25	256	0.0	0.0	198	0.0	51.7	-38.7
14	G90B_062_062de	0.0	0.125	0.312	259	0.0	0.0	247	0.0	43.6	-9.6
15	G92B_075_075de	0.0	0.125	0.375	261	0.0	0.0	248	0.0	42.0	-7.2
16	G94B_087_087de	0.0	0.125	0.437	262	0.0	0.0	249	0.0	41.0	-5.5
17	G94B_100_100de	0.0	0.125	0.5	263	0.0	0.0	249	0.0	40.6	-4.7
18	G25B_025_025de	0.0	0.25	0.125	150	0.0	0.0	250	0.0	40.1	-4.0
19	G25B_025_025de	0.0	0.25	0.125	180	0.0	0.0	157	0.0	53.8	-65.9
20	G50B_025_025de	0.0	0.25	0.125	210	0.0	0.0	179	0.0	51.7	-38.7
21	G65B_037_037de	0.0	0.25	0.187	229	0.0	0.0	198	0.0	51.7	-38.7
22	G75B_050_050de	0.0	0.25	0.25	240	0.0	0.0	227	0.0	51.7	-38.7
23	G80B_062_062de	0.0	0.25	0.312	247	0.0	0.0	235	0.0	48.5	-17.3
24	G84B_075_075de	0.0	0.25	0.375	251	0.0	0.0	239	0.0	46.4	-13.8
25	G84B_075_075de	0.0	0.25	0.375	254	0.0	0.0	242	0.0	44.7	-11.2
26	G88B_100_100de	0.0	0.5	0.5	256	0.0	0.0	244	0.0	43.6	-9.6
27	G00B_037_037de	0.0	0.375	0.187	150	0.0	0.0	157	0.0	53.8	-65.9
28	G13E_037_037de	0.0	0.375	0.187	169	0.0	0.0	171	0.0	54.7	-57.0
29	G30B_037_037de	0.0	0.375	0.187	191	0.0	0.0	185	0.0	55.2	-46.8
30	G30B_050_050de	0.0	0.375	0.25	214	0.0	0.0	196	0.0	54.9	-38.7
31	G30B_062_062de	0.0	0.375	0.312	223	0.0	0.0	206	0.0	51.7	-38.7
32	G75B_075_075de	0.0	0.375	0.375	233	0.0	0.0	216	0.0	51.7	-38.7
33	G75B_087_087de	0.0	0.375	0.437	245	0.0	0.0	227	0.0	51.7	-38.7
34	G90B_087_087de	0.0	0.375	0.437	246	0.0	0.0	227	0.0	51.7	-38.7
35	G91B_100_100de	0.0	0.5	0.5	248	0.0	0.0	226	0.0	48.0	-16.4
36	G91B_050_050de	0.0	0.5	0.5	150	0.0	0.0	157	0.0	53.8	-65.9
37	G11B_050_050de	0.0	0.5	0.25	164	0.0	0.0	179	0.0	52.0	-17.5
38	G25B_050_050de	0.0	0.5	0.25	180	0.0	0.0	168	0.0	54.3	-59.8
39	G38B_050_050de	0.0	0.5	0.375	196	0.0	0.0	179	0.0	51.6	-8.7
40	G50B_050_050de	0.0	0.5	0.5	210	0.0	0.0	188	0.0	55.3	-44.3
41	G50B_062_062de	0.0	0.5	0.5	210	0.0	0.0	198	0.0	54.9	-38.7
42	G65B_075_075de	0.0	0.5	0.625	221	0.0	0.0	206	0.0	53.9	-34.5
43	G65B_075_075de	0.0	0.5	0.625	229	0.0	0.0	209	0.0	52.5	-27.0
44	G75B_100_100de	0.0	0.5	0.875	0.437	235	0.0	227	0.0	53.0	-26.9
45	G00B_062_062de	0.0	0.625	0.312	150	0.0	0.0	157	0.0	53.8	-65.9
46	G00B_062_062de	0.0	0.625	0.312	161	0.0	0.0	166	0.0	54.1	-61.3
47	G19B_062_062de	0.0	0.625	0.312	173	0.0	0.0	174	0.0	54.8	-55.2
48	G30B_062_062de	0.0	0.625	0.375	187	0.0	0.0	183	0.0	55.3	-48.7
49	G40B_062_062de	0.0	0.625	0.437	199	0.0	0.0	190	0.0	55.3	-43.1
50	G50B_062_062de	0.0	0.625	0.5	210	0.0	0.0	198	0.0	54.9	-38.7
51	G57B_075_075de	0.0	0.75	0.375	219	0.0	0.0	205	0.0	54.1	-35.5
52	G57B_075_075de	0.0	0.75	0.375	226	0.0	0.0	208	0.0	53.1	-40.5
53	G68B_100_100de	0.0	0.625	1.0	0.5	232	0.0	214	0.0	53.1	-28.6
54	G00B_075_075de	0.0	0.75	0.75	0.375	150	0.0	157	0.0	53.8	-65.9
55	G07B_075_075de	0.0	0.75	0.75	0.375	159	0.0	165	0.0	52.1	-62.2
56	G15B_075_075de	0.0	0.75	0.75	0.375	169	0.0	171	0.0	53.7	-62.2
57	G23B_075_075de	0.0	0.75	0.75	0.375	181	0.0	185	0.0	54.7	-57.0
58	G34B_075_075de	0.0	0.75	0.75	0.375	191	0.0	185	0.0	55.2	-46.8
59	G42B_075_075de	0.0	0.75	0.625	205	0.0	0.0	191	0.0	55.3	-42.3
60	G50B_075_075de	0.0	0.75	0.75	0.375	210	0.0	198	0.0	54.9	-38.7
61	G50B_075_075de	0.0	0.75	0.75	0.375	210	0.0	198	0.0	54.9	-38.7
62	G56B_087_087de	0.0	0.75	0.875	0.437	218	0.0	204	0.0	54.2	-35.7
63	G61B_100_100de	0.0	0.75	1.0	0.5	224	0.0	207	0.0	53.6	-33.1
64	G00B_087_087de	0.0	0.875	0.437	150	0.0	0.0	157	0.0	53.8	-65.9
65	G00B_087_087de	0.0	0.875	0.437	158	0.0	0.0	164	0.0	54.6	-62.7
66	G13E_087_087de	0.0	0.875	0.437	166	0.0	0.0	169	0.0	54.9	-58.8
67	G20B_087_087de	0.0	0.875	0.437	175	0.0	0.0	176	0.0	54.9	-54.2
68	G29B_087_087de	0.0	0.875	0.5	185	0.0	0.0	182	0.0	55.1	-49.5
69	G38B_087_087de	0.0	0.875	0.625	194	0.0	0.0	187	0.0	55.1	-45.3
70	G43B_087_087de	0.0	0.875	0.625	202	0.0	0.0	192	0.0	55.2	-41.8
71	G43B_087_087de	0.0	0.875	0.625	210	0.0	0.0	198	0.0	54.9	-38.7
72	G53B_100_100de	0.0	1.0	0.5	217	0.0	0.0	198	0.0	55.2	-41.8
73	G53B_100_100de	0.0	1.0	0.5	217	0.0	0.0	204	0.0	54.3	-36.1
74	G11B_100_100de	0.0	1.0	0.125	150	0.0	0.0	157	0.0	53.8	-65.9
75	G11B_100_100de	0.0	1.0	0.125	150	0.0	0.0	163	0.0	53.1	-63.1
76	G13E_100_100de	0.0	1.0	0.375	164	0.0	0.0	168	0.0	54.3	-63.1
77	G13E_100_100de	0.0	1.0	0.375	164	0.0	0.0	173	0.0	54.6	-53.6
78	G31B_100_100de	0.0	1.0	0.625	180	0.0	0.0	183	0.0	55.0	-47.1
79	G38B_100_100de	0.0	1.0	0.875	190	0.0	0.0	188	0.0	55.3	-44.3
80	G50B_100_100de	0.0	1.0	0.875	210	0.0	0.0	193	0.0	55.2	-41.4
81	G50B_100_100de	0.0	1.0	0.875	210	0.0	0.0	198	0.0	55.2	-41.4
82	G50B_100_100de	0.0	1.0	0.875	210	0.0	0.0	198	0.0	54.9	-38.7

vedere dei file simili: <http://130.149.60.45/~farbmetrik/QI19/QI19.HTM>
informazioni tecniche: <http://www.ps.bam.de> o <http://130.149.60.45/~farbmetrik>

grafico TUB-QI19; codice di tinte: H*_φ=R50Y_φ

uscita: 3D-linearizzazione a $cm\dot{y}k^*_{de}$

	n	HIC [°] Fide	rgb° Fide	ict° Fide	$hs_{\circ}$ Fide	rgb° Fide	$LabCh^{\circ}$ Fide	$cmvtr^{\circ}$ sep.Fide	h_{an} Fide	rgb° Fide	$LabCh^{\circ}$ Wide
81	81	ROY01_012_0124e	0.125 0.0 0.125 0.125 0.062 390	0.125 0.125 0.125 0.062 390	0.073 0.0 0.032 26.8 7.0	26.8 7.0 3.3 25.4 7.7	0.872 0.339 0.468 0.0 0.379 0.018 0.326 6.8 3.5	0.0 0.468 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	0.0 0.263 37.5 56.0 26.7 62.1 25.4		
82	82	ROY01_012_0124e	0.125 0.125 0.125 0.062 390	0.073 0.0 0.032 26.8 7.0	26.8 7.0 3.3 25.4 7.7	0.872 0.339 0.468 0.0 0.379 0.018 0.326 6.8 3.5	0.0 0.468 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	0.0 0.263 37.5 56.0 26.7 62.1 25.4			
83	83	B2R01_025_0254e	0.125 0.0 0.125 0.125 0.062 390	0.073 0.0 0.032 26.8 7.0	26.8 7.0 3.3 25.4 7.7	0.872 0.339 0.468 0.0 0.379 0.018 0.326 6.8 3.5	0.0 0.468 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	0.0 0.263 37.5 56.0 26.7 62.1 25.4			
84	84	B1R01_037_0374e	0.125 0.0 0.125 0.125 0.062 390	0.073 0.0 0.032 26.8 7.0	26.8 7.0 3.3 25.4 7.7	0.872 0.339 0.468 0.0 0.379 0.018 0.326 6.8 3.5	0.0 0.468 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	0.0 0.263 37.5 56.0 26.7 62.1 25.4			
85	85	B1R01_050_0504e	0.125 0.0 0.125 0.125 0.062 390	0.073 0.0 0.032 26.8 7.0	26.8 7.0 3.3 25.4 7.7	0.872 0.339 0.468 0.0 0.379 0.018 0.326 6.8 3.5	0.0 0.468 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	0.0 0.263 37.5 56.0 26.7 62.1 25.4			
86	86	B0R01_062_0624e	0.125 0.0 0.125 0.125 0.062 390	0.073 0.0 0.032 26.8 7.0	26.8 7.0 3.3 25.4 7.7	0.872 0.339 0.468 0.0 0.379 0.018 0.326 6.8 3.5	0.0 0.468 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	0.0 0.263 37.5 56.0 26.7 62.1 25.4			
87	87	B0R01_075_0754e	0.125 0.0 0.125 0.125 0.062 390	0.073 0.0 0.032 26.8 7.0	26.8 7.0 3.3 25.4 7.7	0.872 0.339 0.468 0.0 0.379 0.018 0.326 6.8 3.5	0.0 0.468 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	0.0 0.263 37.5 56.0 26.7 62.1 25.4			
88	88	B0R01_087_0874e	0.125 0.0 0.125 0.125 0.062 390	0.073 0.0 0.032 26.8 7.0	26.8 7.0 3.3 25.4 7.7	0.872 0.339 0.468 0.0 0.379 0.018 0.326 6.8 3.5	0.0 0.468 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	0.0 0.263 37.5 56.0 26.7 62.1 25.4			
89	89	B0R01_100_1004e	0.125 0.0 0.125 0.125 0.062 390	0.073 0.0 0.032 26.8 7.0	26.8 7.0 3.3 25.4 7.7	0.872 0.339 0.468 0.0 0.379 0.018 0.326 6.8 3.5	0.0 0.468 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	0.0 0.263 37.5 56.0 26.7 62.1 25.4			
90	90	Y00C1_012_0124e	0.125 0.0 0.125 0.125 0.062 390	0.073 0.0 0.032 26.8 7.0	26.8 7.0 3.3 25.4 7.7	0.872 0.339 0.468 0.0 0.379 0.018 0.326 6.8 3.5	0.0 0.468 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	0.0 0.263 37.5 56.0 26.7 62.1 25.4			
91	91	NW_0124e	0.125 0.125 0.125 0.125 0.062 390	0.073 0.0 0.032 26.8 7.0	26.8 7.0 3.3 25.4 7.7	0.872 0.339 0.468 0.0 0.379 0.018 0.326 6.8 3.5	0.0 0.468 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	0.0 0.263 37.5 56.0 26.7 62.1 25.4			
92	92	B0R01_025_0124e	0.125 0.125 0.125 0.125 0.062 390	0.073 0.0 0.032 26.8 7.0	26.8 7.0 3.3 25.4 7.7	0.872 0.339 0.468 0.0 0.379 0.018 0.326 6.8 3.5	0.0 0.468 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	0.0 0.263 37.5 56.0 26.7 62.1 25.4			
93	93	B0R01_037_0374e	0.125 0.125 0.125 0.125 0.062 390	0.073 0.0 0.032 26.8 7.0	26.8 7.0 3.3 25.4 7.7	0.872 0.339 0.468 0.0 0.379 0.018 0.326 6.8 3.5	0.0 0.468 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	0.0 0.263 37.5 56.0 26.7 62.1 25.4			
94	94	B0R01_050_0504e	0.125 0.125 0.125 0.125 0.062 390	0.073 0.0 0.032 26.8 7.0	26.8 7.0 3.3 25.4 7.7	0.872 0.339 0.468 0.0 0.379 0.018 0.326 6.8 3.5	0.0 0.468 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	0.0 0.263 37.5 56.0 26.7 62.1 25.4			
95	95	B0R01_062_0624e	0.125 0.125 0.125 0.125 0.062 390								

vedere dei file simil: <http://130.149.60.45/~farbmetrik/QI19/QI19.HTM>
informazioni tecniche: <http://www.ps.bam.de> o <http://130.149.60.45/~farbmetrik>

grafico TUB-QI19; codice di tinte: H*_φ=R50Y_φ

uscita: 3D-linearizzazione a $cm\dot{y}k^*_{de}$

[illegible]

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uscita: 3D-linearizzazione a cmk^*_{de}

grafico TUB-QI19; codice di tinte: H*_e=R50Y_e

QI190-7N, 24/33-F

4-1132330-F0

	n	HC ⁺ File	rgb ⁺ File	ict ⁺ File	hs ⁺ File	rgb ⁺ File	LabCh ⁺ File	cmv ⁺ sepFile	hs ⁺ File	rgb ⁺ File	LabCh ⁺ File															
3224	R26Y_050_050de	0.5	0.0	0.5	0.5	0.5	0.0	0.131	35.7	28.0	13.3	31.9	25.4	0.0	0.799	0.583	0.542	375	1.0	0.0	0.263	47.5	56.0	26.7	62.1	25.4
3225	R26Y_050_050de	0.5	0.0	0.125	0.5	0.0	0.25	35.8	29.5	5.1	29.9	9.8	0.0	0.78	0.414	0.544	359	1.0	0.0	0.501	47.8	59.0	10.2	59.9	9.8	
3226	R26Y_050_050de	0.5	0.0	0.25	0.5	0.0	0.413	36.6	32.7	-4.5	33.1	352.0	0.0	0.76	0.192	0.547	339	1.0	0.0	0.827	49.4	65.5	-9.1	66.2	352.0	
3227	B61R_100_050de	0.5	0.0	0.375	0.5	0.0	0.412	0.0	0.5	34.0	29.1	-0.5	30.6	341.8	0.0	0.72	0.029	320	0.825	0.0	1.0	44.1	58.2	-19.0	61.2	341.8
3228	B61R_062_062de	0.5	0.0	0.5	0.5	0.0	0.292	0.0	0.5	31.1	23.3	-14.2	27.3	328.6	0.158	0.714	305	0.584	0.0	1.0	38.5	46.7	-28.5	54.7	328.6	
3229	B40R_062_062de	0.5	0.0	0.625	0.5	0.0	0.242	0.0	0.625	30.5	24.2	-21.6	32.4	318.1	0.359	0.801	292	0.397	0.0	1.0	34.5	38.7	-34.6	51.9	318.1	
3230	B34R_075_075de	0.5	0.0	0.75	0.75	0.0	0.214	0.0	0.75	29.9	24.6	-28.7	37.8	310.5	0.525	0.865	286	0.285	0.0	1.0	31.9	32.8	-38.2	50.4	310.5	
3231	B34R_087_087de	0.5	0.0	0.875	0.875	0.0	0.181	0.0	0.875	30.2	24.7	-35.4	43.1	304.9	0.699	0.901	281	0.207	0.0	1.0	31.2	28.2	-40.4	49.3	304.9	
3232	B23R_100_100de	0.5	0.0	1.0	1.0	0.0	0.138	0.0	1.0	31.5	24.4	-41.9	48.5	300.1	0.858	1.0	277	0.138	0.0	1.0	31.5	24.4	-41.9	48.5	300.1	
3233	R23Y_050_050de	0.5	0.0	0.5	0.5	0.0	0.054	0.0	0.5	37.6	27.4	-23.8	36.3	41.0	0.763	0.772	35	1.0	0.108	0.0	51.4	54.8	47.7	72.6	41.0	
3234	R00Y_050_037de	0.5	0.125	0.125	0.5	0.375	0.312	39.0	0.5	0.124	0.223	41.7	21.0	23.2	0.617	0.433	375	1.0	0.0	0.263	47.5	56.0	26.7	62.1	25.4	
3235	R18Y_050_037de	0.5	0.125	0.25	0.5	0.375	0.312	37.1	0.5	0.124	0.345	41.8	22.9	1.7	0.598	0.282	354	1.0	0.0	0.588	47.9	61.1	4.6	61.2	4.3	
3236	B65R_050_037de	0.5	0.375	0.312	0.5	0.375	0.312	34.9	0.478	0.124	0.5	41.5	23.6	-5.6	0.57	0.133	327	0.941	0.0	1.0	38.5	46.7	-28.5	54.7	328.6	
3237	B50R_050_037de	0.5	0.125	0.5	0.5	0.375	0.312	33.0	0.344	0.124	0.5	38.3	17.5	-10.7	0.643	0.492	305	0.584	0.0	1.0	38.5	46.7	-28.5	54.7	328.6	
3238	B38R_062_062de	0.5	0.125	0.625	0.5	0.375	0.316	0.298	0.125	0.625	0.37	37.3	18.2	-18.0	0.547	0.594	289	0.347	0.0	1.0	33.5	36.5	-36.1	51.4	315.3	
3239	B38R_075_062de	0.5	0.125	0.75	0.75	0.625	0.437	30.7	0.272	0.125	0.75	37.3	18.6	-24.8	0.446	0.677	283	0.235	0.0	1.0	31.0	29.7	-39.7	49.6	306.8	
3240</																										

vedere dei file simili: <http://130.149.60.45/~farbmetrik/QI19/QI19.HTM>
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grafico TUB-QI19; codice di tinte: H*_e=R50Y_e

immettere: $rgb/cmyk \rightarrow rgb_{de}$
uscita: 3D-linearizzazione a $cmyk^*$ de

	n	HIC ^{File}	rgb_File	ict_File	hs_File	rgb^b_File	$LabCh^b_File$	$cmvH^b_sep_File$	$h_{an}^{b,File}$	$rgb^{b,File}$	$LabCh^{b,File}$																		
405		R0Y1_062_062a2e	0.625	0.0	0.625	0.625	0.312	390	0.625	0.0	0.164	36.6	35.0	16.5	37.8	25.4	0.0	0.842	0.612	0.41	0.0	0.263	47.5	56.0	26.7	62.1	25.4		
406		R0Y1_062_062a2e	0.625	0.0	0.625	0.625	0.312	379	0.625	0.0	0.284	36.7	36.0	16.7	37.4	25.4	0.0	0.836	0.466	0.409	1.0	0.0	0.454	47.6	58.3	13.7	59.9	13.2	
407		R1Y1_062_062a2e	0.625	0.0	0.625	0.625	0.312	367	0.625	0.0	0.412	39.1	41.2	39.1	41.2	39.1	359.8	0.0	0.829	0.312	0.41	0.0	0.059	48.3	62.6	61.1	66.9	359.8	
408		B69R_062_062a2e	0.625	0.0	0.625	0.625	0.312	353	0.625	0.0	0.562	39.7	41.2	39.1	41.2	39.1	359.8	0.0	0.829	0.312	0.41	0.0	0.059	48.3	62.6	61.1	66.9	359.8	
409		B59R_062_062a2e	0.625	0.0	0.625	0.625	0.312	341	0.473	0.0	0.625	35.2	34.6	34.6	34.6	34.6	328.6	0.091	0.784	0.0	0.549	1.0	0.0	0.899	49.2	66.0	-11.1	66.9	350.4
410		B59R_062_062a2e	0.625	0.0	0.625	0.625	0.312	330	0.365	0.0	0.625	33.0	29.2	29.2	29.2	29.2	320.0	0.091	0.784	0.0	0.549	1.0	0.0	0.899	49.2	66.0	-11.1	66.9	350.4
411		B42R_075_075a2e	0.625	0.0	0.625	0.625	0.312	321	0.316	0.0	0.625	32.4	30.7	30.7	30.7	30.7	320.0	0.091	0.784	0.0	0.549	1.0	0.0	0.899	49.2	66.0	-11.1	66.9	350.4
412		B36R_087_087a2e	0.625	0.0	0.875	0.875	0.437	314	0.282	0.0	0.875	31.7	30.7	30.7	30.7	30.7	320.0	0.091	0.784	0.0	0.549	1.0	0.0	0.899	49.2	66.0	-11.1	66.9	350.4
413		B31R_100_100a2e	0.625	0.0	1.0	1.0	0.5	308	0.249	0.0	1.0	31.0	30.7	30.7	30.7	30.7	320.0	0.091	0.784	0.0	0.549	1.0	0.0	0.899	49.2	66.0	-11.1	66.9	350.4
414		R18Y_062_062a2e	0.625	0.0	0.625	0.625	0.312	41	0.625	0.038	0.0	40.0	35.0	27.1	44.3	37.7	0.0	0.83	0.803	0.373	0.0	0.06	0.0	0.497	56.0	43.3	70.8	37.7	0.0
415		R0Y1_062_050a2e	0.625	0.125	0.125	0.125	0.375	390	0.625	0.125	0.256	44.7	28.0	13.3	31.0	25.4	0.0	0.705	0.503	0.387	0.0	0.0	0.263	47.5	56.0	62.1	25.4	0.0	
416		R26Y_062_050a2e	0.625	0.125	0.125	0.125	0.375	376	0.625	0.125	0.256	44.7	28.0	13.3	31.0	25.4	0.0	0.689	0.363	0.399	0.0	0.0	0.501	47.8	59.0	10.2	59.9	9.8	
417		R0Y1_062_050a2e	0.625	0.125	0.125	0.125	0.375	360	0.625	0.125	0.256	44.7	28.0	13.3	31.0	25.4	0.0	0.669	0.182	0.409	0.0	0.0	0.087	49.4	65.5	-9.1	66.2	352.0	
418		B61R_062_050a2e	0.625	0.125	0.125	0.125	0.375	344	0.537	0.0125	0.358	45.6	32.1	-4.5	30.1	352.0	0.0	0.611	0.038	0.507	0.0	0.0	0.827	49.4	65.5	-9.1	66.2	352.0	
419		B59R_062_050a2e	0.625	0.																									

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

grafico TUB-QI19; codice di tinte: H*_φ=R50Y_φ

uscita: 3D-linearizzazione a cmk^*_{de}

[illegible]

vedere dei file simili: <http://130.149.60.45/~farbmetrik/QI19/QI19.HTM>
informazioni tecniche: <http://www.ps.bam.de> o <http://130.149.60.45/~farbmetrik>

grafico TUB-Q119; codice di tinte: H*_e=R50Y_e
colori e la differenza ΔE*_{ab}

immettere: *rgb/cmyk* → *rgb*_{de}
uscita: 3D-linearizzazione a *cmyk** de

	n	HIC ₁₀₀ ¹⁰⁰ _{Fde}	rgb_Fde	lcr_Fde	hsa_Fde	rgb_Fde	$LabCh^*Fde$	$cmv^{*}sep_Fde$	hsa_Fde	rgb^*Fde	$LabCh^*Fde$				
648	648	R00Y_100_100de	1.0	0.0	0.0	1.0	0.0	0.263	47.5	56.0	26.7	62.1	25.4		
649	649	R38Y_100_100de	1.0	0.0	0.125	1.0	0.0	0.392	47.4	57.2	18.2	60.0	17.6		
650	650	R38Y_100_100de	1.0	0.0	0.125	1.0	0.0	0.392	47.4	57.2	18.2	60.0	17.6		
651	651	R13Y_100_100de	1.0	0.0	0.375	1.0	0.0	0.501	47.8	59.0	10.2	59.9	9.8		
652	652	R00Y_100_100de	1.0	0.0	0.375	1.0	0.0	0.641	48.1	62.2	1.0	62.2	0.9		
653	653	R00Y_100_100de	1.0	0.0	0.375	1.0	0.0	0.641	48.1	62.2	1.0	62.2	0.9		
654	654	R68Y_100_100de	1.0	0.0	0.625	1.0	0.0	0.964	48.5	65.6	-12.2	66.7	34.9		
655	655	B61Y_100_100de	1.0	0.0	0.625	1.0	0.0	0.964	48.5	65.6	-12.2	66.7	34.9		
656	656	B55Y_100_100de	1.0	0.0	0.75	1.0	0.0	0.825	0.0	1.0	44.1	58.2	-19.0	61.2	341.8
657	657	B55Y_100_100de	1.0	0.0	0.75	1.0	0.0	0.825	0.0	1.0	44.1	58.2	-19.0	61.2	341.8
658	658	R10Y_100_100de	1.0	0.0	0.875	1.0	0.0	0.696	0.0	1.0	40.6	52.3	-24.1	57.6	335.2
659	659	R10Y_100_100de	1.0	0.0	0.875	1.0	0.0	0.696	0.0	1.0	40.6	52.3	-24.1	57.6	335.2
660	660	R00Y_100_100de	1.0	0.0	1.0	1.0	0.0	0.584	0.0	1.0	38.5	46.7	-28.5	54.7	328.6
661	661	R00Y_100_100de	1.0	0.0	1.0	1.0	0.0	0.584	0.0	1.0	38.5	46.7	-28.5	54.7	328.6
662	662	R00Y_100_100de	1.0	0.0	1.0	1.0	0.0	0.584	0.0	1.0	38.5	46.7	-28.5	54.7	328.6
663	663	R00Y_100_100de	1.0	0.0	1.0	1.0	0.0	0.584	0.0	1.0	38.5	46.7	-28.5	54.7	328.6
664	664	R00Y_100_100de	1.0	0.0	1.0	1.0	0.0	0.584	0.0	1.0	38.5	46.7	-28.5	54.7	328.6
665	665	R00Y_100_100de	1.0	0.0	1.0	1.0	0.0	0.584	0.0	1.0	38.5	46.7	-28.5	54.7	328.6
666	666	R23Y_100_100de	1.0	0.0	1.0	1.0	0.0	0.584	0.0	1.0	38.5	46.7	-28.5	54.7	328.6
667	667	R13Y_100_100de	1.0	0.0	1.0	1.0	0.0	0.584	0.0	1.0	38.5	46.7	-28.5	54.7	328.6
668	668	R13Y_100_100de	1.0	0.0	1.0	1.0	0.0	0.584	0.0	1.0	38.5	46.7	-28.5	54.7	328.6
669	669	R35Y_100_100de	1.0	0.0	1.0	1.0	0.0	0.584	0.0	1.0	38.5	46.7	-28.5	54.7	328.6
670	670	R18Y_100_100de	1.0	0.0	1.0	1.0	0.0	0.584	0.0	1.0	38.5	46.7	-28.5	54.7	328.6
671	671	R00Y_100_100de	1.0	0.0	1.0	1.0	0.0	0.584	0.0	1.0	38.5	46.7	-28.5	54.7	328.6
672	672	B65Y_100_100de	1.0	0.0	1.0	1.0	0.0	0.584	0.0	1.0	38.5	46.7	-28.5	54.7	328.6
673	673	B57Y_100_100de	1.0	0.0	1.0	1.0	0.0	0.584	0.0	1.0	38.5	46.7	-28.5	54.7	328.6
674	674	B50Y_100_100de	1.0	0.0	1.0	1.0	0.0	0.584	0.0	1.0	38.5	46.7	-28.5	54.7	328.6
675	675														

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grafico TUB-QI19; codice di tinte: H*_e=R50Y_e

immettere: $rgb/cmyk \rightarrow rgb_{de}$
uscita: 3D-linearizzazione a $cmyk^*$ de

[illegible]

vedere dei file simili: <http://130.149.60.45/~farbmetrik/QI19/QI19.HTM>
informazioni tecniche: <http://www.ps.bam.de> o <http://130.149.60.45/~farbmetrik>

grafico TUB-QI19; codice di tinte: H^{*}_e=R50Y_e

uscita: 3D-linearizzazione a $cmyk^*_{de}$

n	HC ⁺ Fide	rgb ⁺ Fide	ict ⁺ Fide	hs ⁺ Fide	rgb ⁺ Fide	LabCh ⁺ Fide	cmv ⁺ sep ⁺ Fide	h _{an} ⁺ Fide	rgb ⁺ Fide	LabCh ⁺ Fide	δ
8101	NW_100de	1.0	1.0	1.0	0.0	1.0	0.0	360	1.0	1.0	0.0
8110	NW_100de	0.875	0.875	1.0	0.125	0.937	0.0	255	1.0	1.0	0.0
8111	BOOR_101.012de	0.875	0.875	1.0	0.125	0.937	0.0	255	1.0	1.0	0.0
8112	BOOR_100.025de	0.625	0.625	1.0	0.375	0.812	0.0	255	0.261	1.0	0.0
8113	BOOR_100.037de	0.625	0.625	1.0	0.375	0.812	0.0	255	0.261	1.0	0.0
8114	BOOR_100.050de	0.5	0.5	1.0	0.5	0.75	0.0	255	0.261	1.0	0.0
8115	BOOR_100.062de	0.375	0.375	1.0	0.625	0.687	0.0	255	0.261	1.0	0.0
8116	BOOR_100.075de	0.25	0.25	1.0	0.75	0.625	0.0	255	0.261	1.0	0.0
8117	BOOR_100.087de	0.125	0.125	1.0	0.875	0.562	0.0	255	0.261	1.0	0.0
8118	BOOR_100.100de	0.0	0.0	1.0	1.0	0.5	0.0	255	0.261	1.0	0.0
8119	Y00C_100.018de	1.0	1.0	0.875	0.125	0.937	0.0	360	1.0	1.0	0.0
8120	Y00C_100.012de	1.0	1.0	0.875	0.125	0.937	0.0	360	1.0	1.0	0.0
8201	NW_087de	0.875	0.875	0.875	0.875	0.875	0.0	360	1.0	1.0	0.0
8211	BOOR_087.012de	0.75	0.75	0.875	0.875	0.812	0.0	255	0.261	1.0	0.0
8221	BOOR_087.025de	0.625	0.625	0.875	0.875	0.75	0.0	255	0.261	1.0	0.0
8231	BOOR_087.037de	0.5	0.5	0.875	0.875	0.687	0.0	255	0.261	1.0	0.0
8241	BOOR_087.050de	0.375	0.375	0.875	0.875	0.625	0.0	255	0.261	1.0	0.0
8251	BOOR_087.062de	0.25	0.25	0.875	0.875	0.562	0.0	255	0.261	1.0	0.0
8261	BOOR_087.075de	0.125	0.125	0.875	0.875	0.5	0.0	255	0.261	1.0	0.0
8271	BOOR_087.087de	0.0	0.0	0.875	0.875	0.437	0.0	255	0.261	1.0	0.0
8281	Y00C_100.025de	1.0	1.0	0.75	1.0	0.25	0.875	90	1.0	1.0	0.0
8291	Y00C_087.012de	0.875	0.875	0.875	0.875	0.812	0.0	255	0.261	1.0	0.0
8301	NW_075de	0.75	0.75	0.75	0.75	0.75	0.0	360	1.0	1.0	0.0
8311	BOOR_075.012de	0.625	0.625	0.75	0.75	0.687	0.0	255	0.261	1.0	0.0
8321	BOOR_075.025de	0.5	0.5	0.75	0.75	0.625	0.0	255	0.261	1.0	0.0
8331	BOOR_075.037de	0.375	0.375	0.75	0.75	0.562	0.0	255	0.261	1.0	0.0
8341	BOOR_075.050de	0.25	0.25	0.75	0.75	0.5	0.0	255	0.261	1.0	0.0
8351	BOOR_075.062de	0.125	0.125	0.75	0.75	0.437	0.0	255	0.261	1.0	0.0
8361	BOOR_075.075de	0.0	0.0	0.75	0.75	0.375	0.0	255	0.261	1.0	0.0
8371	Y00C_087.037de	0.875	0.875	0.875	0.875	0.812	0.0	255	0.261	1.0	0.0
8381	Y00C_087.050de	0.75	0.75	0.875	0.875	0.75	0.0	255	0.261	1.0	0.0
8391	Y00C_075.012de	0.625	0.625	0.75	0.75	0.687	0.0	255	0.261	1.0	0.0
8401	NW_062.012de	0.625	0.625	0.625	0.625	0.625	0.0	360	1.0	1.0	0.0
8411	BOOR_062.012de	0.5	0.5	0.625	0.625	0.5	0.0	255	0.261	1.0	0.0
8421	BOOR_062.025de	0.375	0.375	0.625	0.625	0.437	0.0	255	0.261	1.0	0.0
8431	BOOR_062.037de	0.25	0.25	0.625	0.625	0.375	0.0	255	0.261	1.0	0.0
8441	BOOR_062.050de	0.125	0.125	0.625	0.625	0.3	0.0	255	0.261	1.0	0.0
8451	BOOR_062.062de	0.0	0.0	0.625	0.625	0.25	0.0	255	0.261	1.0	0.0
8461	Y00C_100.050de	1.0	1.0	0.5	1.0	0.5	0.0	360	1.0	1.0	0.0
8471	Y00C_087.037de	0.875	0.875	0.875	0.875	0.812	0.0	255	0.261	1.0	0.0
8481	Y00C_075.025de	0.75	0.75	0.75	0.75	0.625	0.0	255	0.261	1.0	0.0
8491	Y00C_062.012de	0.625	0.625	0.5	0.625	0.562	0.0	360	1.0	1.0	0.0
8501	NW_050de	0.5	0.5	0.5	0.5	0.5	0.0	360	1.0	1.0	0.0
8511	BOOR_050.012de	0.375	0.375	0.5	0.5	0.437	0.0	255	0.261	1.0	0.0
8521	BOOR_050.025de	0.25	0.25	0.5	0.5	0.375	0.0	255	0.261	1.0	0.0
8531	BOOR_050.037de	0.125	0.125	0.5	0.5	0.312	0.0	255	0.261	1.0	0.0
8541	BOOR_050.050de	0.0	0.0	0.5	0.5	0.25	0.0	255	0.261	1.0	0.0
8551	Y00C_100.062de	1.0	1.0	0.375	1.0	0.625	0.687	90	1.0	1.0	0.0
8561	Y00C_087.050de	0.875	0.875	0.375	0.875	0.5	0.625	90	1.0	1.0	0.0
8571	Y00C_075.037de	0.75	0.75	0.375	0.75	0.375	0.562	90	1.0	1.0	0.0
8581	Y00C_062.025de	0.625	0.625	0.375	0.625	0.25	0.5	90	1.0	1.0	0.0
8591	Y00C_050.012de	0.5	0.5	0.375	0.5	0.125	0.437	90	1.0	1.0	0.0
8601	NW_037de	0.375	0.375	0.375	0.375	0.375	0.0	360	1.0	1.0	0.0
8611	BOOR_037.012de	0.25	0.25	0.375	0.375	0.125	0.312	270	0.249	0.882	0.375
8621	BOOR_037.025de	0.125	0.125	0.375	0.375	0.25	0.25	270	0.124	0.19	0.375
8631	BOOR_037.037de	0.0	0.0	0.375	0.375	0.187	0.270	0.0	0.097	0.375	0.288
8641	Y00C_100.075de	1.0	1.0	0.25	1.0	0.75	0.625	90	1.0	0.826	0.25
8651	Y00C_087.062de	0.875	0.875	0.25	0.875	0.625	0.562	90	0.875	0.73	0.25
8661	Y00C_075.050de	0.75	0.75	0.25	0.75	0.5	0.5	90	0.625	0.538	0.25
8671	Y00C_050.025de	0.625	0.625	0.25	0.625	0.375	0.437	90	0.625	0.375	0.437
8681	Y00C_050.037de	0.5	0.5	0.25	0.5	0.25	0.375	90	0.5	0.442	0.249
8691	Y00C_037.012de	0.375	0.375	0.25	0.375	0.125	0.312	90	0.375	0.346	0.249
8701	NW_025de	0.25	0.25	0.25	0.25	0.25	0.25	360	0.25	0.25	0.25
8711	BOOR_025.012de	0.125	0.125	0.25	0.125	0.187	0.270	0.124	0.157	0.25	0.418
8721	BOOR_025.025de	0.0	0.0	0.25	0.25	0.125	0.25	270	0.065	0.25	0.272
8731	Y00C_100.087de	1.0	1.0	0.125	1.0	0.875	0.562	90	1.0	0.797	0.125
8741	Y00C_087.075de	0.875	0.875	0.125	0.875	0.75	0.5	90	0.875	0.701	0.125
8751	Y00C_075.062de	0.75	0.75	0.125	0.75	0.625	0.437	90	0.75	0.605	0.125
8761	Y00C_062.050de	0.625	0.625	0.125	0.625	0.5	0.375	90	0.625	0.509	0.125
8771	Y00C_050.037de	0.5	0.5	0.125	0.5	0.375	0.312	90	0.5	0.413	0.124
8781	Y00C_050.050de	0.375	0.375	0.125	0.375	0.25	0.25	90	0.375	0.317	0.124
8791	Y00C_025.012de	0.25	0.25	0.125	0.25	0.125	0.187	270	0.125	0.125	0.46
8801	NW_012de	0.125	0.125	0.125	0.125	0.125	0.125	360	0.125	0.125	0.125
8811	BOOR_012.012de	0.0	0.0	0.125	0.125	0.125	0.062	270	0.0	0.03	0.125
8821	Y00C_100.100de	1.0	1.0	0.0	1.0	0.5	0.0	90	1.0	0.768	0.0
8831	Y00C_087.087de	0.875	0.875	0.0	0.875	0.875	0.437	90	0.875	0.672	0.0
8841	Y00C_075.075de	0.75	0.75	0.0	0.75	0.75	0.375	90	0.75	0.576	0.0
8851	Y00C_062.062de	0.625	0.625	0.0	0.625	0.625	0.312	90	0.625	0.48	0.0
8861	Y00C_050.050de	0.5	0.5	0.0	0.5	0.5	0.25	90	0.5	0.384	0.0
8871	Y00C_037.037de	0.375	0.375	0.0	0.375	0.375	0.187	90	0.375	0.288	0.0
8881	Y00C_025.025de	0.25	0.25	0.0	0.25	0.25	0.125	90	0.25	0.192	0.0
8891	Y00C_012.012de	0.125	0.125	0.0	0.125	0.125	0.062	90	0.125	0.092	0.0
8901	NW_000de	0.0	0.0	0.0	0.0	0.0	0.0	360	0.0	0.0	0.0

vedere dei file simili: <http://130.149.60.45/~farbmetrik/QI19/QI19.HTM>
informazioni tecniche: <http://www.ps.bam.de> o <http://130.149.60.45/~farbmetrik>

grafico TUB-QI19; codice di tinte: H*_φ=R50Y_φ

uscita: 3D-linearizzazione a $cm\dot{y}k^*$ de

n	HIC [°] Fide	rgb [°] Fide	ict [°] Fide	hs [°] Fide	rgb [°] Fide	LabCh [°] Fide	cmv [°] sep [°] Fide	h _{max} [°] Fide	rgb [°] Fide	LabCh [°] Fide	n	HIC [°] Fide	rgb [°] Fide	ict [°] Fide	hs [°] Fide	rgb [°] Fide	LabCh [°] Fide	cmv [°] sep [°] Fide	h _{max} [°] Fide	rgb [°] Fide	LabCh [°] Fide	
891	NW_100 [°] de	1.0	1.0	1.0	0.0	1.0	0.0	360	1.0	95.8	0.0	892	NW_100 [°] de	1.0	1.0	1.0	0.0	360	1.0	95.8	0.0	
892	B50R_087.012 [°] de	1.0	0.875	1.0	0.125	0.937	330	0.937	330	0.937	330	893	B50R_087.012 [°] de	1.0	0.875	1.0	0.125	0.937	330	0.937	330	
893	B50R_100.025 [°] de	1.0	0.75	1.0	0.25	0.875	330	0.875	330	0.875	330	894	B50R_100.025 [°] de	1.0	0.75	1.0	0.25	0.875	330	0.875	330	
894	B50R_087.037 [°] de	1.0	0.625	1.0	0.375	0.812	330	0.812	330	0.812	330	895	B50R_087.037 [°] de	1.0	0.625	1.0	0.375	0.812	330	0.812	330	
895	B50R_100.050 [°] de	1.0	0.5	1.0	0.5	0.75	330	0.75	330	0.75	330	896	B50R_100.050 [°] de	1.0	0.5	1.0	0.5	0.75	330	0.75	330	
896	B50R_087.062 [°] de	1.0	0.375	1.0	0.625	0.687	330	0.687	330	0.687	330	897	B50R_087.062 [°] de	1.0	0.375	1.0	0.625	0.687	330	0.687	330	
897	B50R_100.075 [°] de	1.0	0.25	1.0	0.75	0.625	330	0.625	330	0.625	330	898	B50R_100.075 [°] de	1.0	0.25	1.0	0.75	0.625	330	0.625	330	
898	B50R_087.087 [°] de	1.0	0.125	1.0	0.875	0.562	330	0.562	330	0.562	330	899	B50R_087.087 [°] de	1.0	0.125	1.0	0.875	0.562	330	0.562	330	
899	B50R_100.100 [°] de	1.0	0.0	1.0	1.0	0.5	330	0.5	330	0.5	330	900	B50R_100.100 [°] de	1.0	0.0	1.0	1.0	0.5	330	0.5	330	
900	G00B_100.012 [°] de	0.875	1.0	0.875	1.0	0.125	0.937	150	0.937	150	0.937	901	G00B_100.012 [°] de	0.875	1.0	0.875	1.0	0.125	0.937	150	0.937	150
901	NW_087 [°] de	0.875	0.875	0.875	0.875	0.875	360	0.875	360	0.875	360	902	NW_087 [°] de	0.875	0.875	0.875	0.875	0.875	360	0.875	360	
902	B50R_087.012 [°] de	0.875	0.875	0.875	0.875	0.875	330	0.875	330	0.875	330	903	B50R_087.012 [°] de	0.875	0.875	0.875	0.875	0.875	330	0.875	330	
903	B50R_100.025 [°] de	0.875	0.625	0.875	0.625	0.875	330	0.625	330	0.625	330	904	B50R_100.025 [°] de	0.875	0.625	0.875	0.625	0.875	330	0.625	330	
904	B50R_087.037 [°] de	0.875	0.5	0.875	0.5	0.75	330	0.75	330	0.75	330	905	B50R_087.037 [°] de	0.875	0.5	0.875	0.5	0.75	330	0.75	330	
905	B50R_100.050 [°] de	0.875	0.375	0.875	0.375	0.687	330	0.687	330	0.687	330	906	B50R_100.050 [°] de	0.875	0.375	0.875	0.375	0.687	330	0.687	330	
906	B50R_087.062 [°] de	0.875	0.25	0.875	0.25	0.625	330	0.625	330	0.625	330	907	B50R_087.062 [°] de	0.875	0.25	0.875	0.25	0.625	330	0.625	330	
907	B50R_100.075 [°] de	0.875	0.125	0.875	0.125	0.562	330	0.562	330	0.												

TUB iscrizione: 20130201-QI19/QI19L0FP.PDF /.PS

TUB materiale: code=rha4ta

la domanda per la misura di uscita della stampante laser, separazione cmyk* (CMYK)

vedere dei file simili: <http://130.149.60.45/~farbmetrik/QI19/QI19.HTM>

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

<http://130.149.60.45/~farbmetrik/QI19/QI19L0FP.PDF> /.PS; 3D-linearizzazione
F: 3D-linearizzazione QI19/QI19L30FP.DAT nel file (F), pagina 33/33

grafico TUB-QI19; codice di tinte: H*=R50Ye
colori e la differenza, ΔE^*

immettere: *rgb/cmyk* -> *rgbde*
uscita: 3D-linearizzazione a *cmyk**de

n	HVC*File	rgb_*File	lcr_*File	hsa_*File	rgb*File	LabCH*File	cmyk*_sep*File	rgb*File	hsa*File	rgb*File	LabCH*File	delta
1053	NW_086de	0.866	0.866	0.866	0.866	86.1	0.0	0.0	0.0	0.0	0.0	0.0
1054	NW_093de	0.933	0.933	0.933	0.933	93.0	0.0	0.0	0.0	0.0	0.0	0.0
1055	NW_100de	1.0	1.0	1.0	1.0	95.8	0.0	0.0	0.0	0.0	0.0	0.0
1056	NW_100de	0.0	0.0	0.0	0.0	23.8	0.0	0.0	0.0	0.0	0.0	0.0
1057	NW_006de	0.066	0.066	0.066	0.066	23.8	0.0	0.0	0.0	0.0	0.0	0.0
1058	NW_013de	0.133	0.133	0.133	0.133	33.4	0.0	0.0	0.0	0.0	0.0	0.0
1059	NW_020de	0.2	0.2	0.2	0.2	38.2	0.0	0.0	0.0	0.0	0.0	0.0
1060	NW_026de	0.266	0.266	0.266	0.266	42.9	0.0	0.0	0.0	0.0	0.0	0.0
1061	NW_033de	0.333	0.333	0.333	0.333	47.8	0.0	0.0	0.0	0.0	0.0	0.0
1062	NW_040de	0.4	0.4	0.4	0.4	52.6	0.0	0.0	0.0	0.0	0.0	0.0
1063	NW_046de	0.466	0.466	0.466	0.466	57.3	0.0	0.0	0.0	0.0	0.0	0.0
1064	NW_053de	0.533	0.533	0.533	0.533	62.2	0.0	0.0	0.0	0.0	0.0	0.0
1065	NW_060de	0.6	0.6	0.6	0.6	67.0	0.0	0.0	0.0	0.0	0.0	0.0
1066	NW_066de	0.666	0.666	0.666	0.666	71.7	0.0	0.0	0.0	0.0	0.0	0.0
1067	NW_073de	0.734	0.734	0.734	0.734	76.6	0.0	0.0	0.0	0.0	0.0	0.0
1068	NW_080de	0.8	0.8	0.8	0.8	81.4	0.0	0.0	0.0	0.0	0.0	0.0
1069	NW_086de	0.866	0.866	0.866	0.866	86.1	0.0	0.0	0.0	0.0	0.0	0.0
1070	NW_093de	0.933	0.933	0.933	0.933	91.0	0.0	0.0	0.0	0.0	0.0	0.0
1071	NW_100de	1.0	1.0	1.0	1.0	95.8	0.0	0.0	0.0	0.0	0.0	0.0
1072	NW_100de	0.0	0.0	0.0	0.0	23.8	0.0	0.0	0.0	0.0	0.0	0.0
1073	ROY_100_100de	1.0	1.0	1.0	1.0	95.8	0.0	0.0	0.0	0.0	0.0	0.0
1074	ROY_100_100de	0.0	0.0	0.0	0.0	23.8	0.0	0.0	0.0	0.0	0.0	0.0
1075	YOG_100_100de	0.0	1.0	1.0	1.0	56.0	0.0	0.0	0.0	0.0	0.0	0.0
1076	YOG_100_100de	1.0	1.0	1.0	1.0	56.0	0.0	0.0	0.0	0.0	0.0	0.0
1077	BOG_100_100de	0.0	0.0	1.0	0.0	54.9	0.0	0.0	0.0	0.0	0.0	0.0
1078	BOG_100_100de	1.0	0.0	0.0	0.0	53.6	0.0	0.0	0.0	0.0	0.0	0.0
1079	BSOR_100_100de	0.0	1.0	1.0	0.0	53.6	0.0	0.0	0.0	0.0	0.0	0.0
1079	BSOR_100_100de	1.0	0.0	0.0	0.0	38.5	0.0	0.584	0.0	0.146	0.0	328.6