

voir fichiers similaires: <http://130.149.60.45/~farbmetrik/QF89/QF89L0NA.TXT> / .PS
informations techniques: <http://www.ps.bam.de> ou <http://130.149.60.45/~farbmetrik>

Entrée et sortie: Système Printer Reflective FRS06a pour la teinte CIELAB relative $h_{ab,a,rel} = h_{ab}/360 = 190/360 = 0.52$

Données de couleurs périphériques (d)

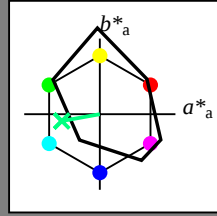
ou élémentaires (e):

HIC^*

code de teinte pour les couleurs de cette page:

$H^*_- = G25B_-$

triangle de luminosité T^*



FRS06a; données CIELAB (a) adaptées

nom	$L^*=L^*_a a^*_a$	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

Les données de couleur maximale (Ma):

$LabCh^*_{-,Ma}$: 59 -50 -9 51 190

$HIC^*_{-,Ma}$: G25B_100_100

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

0.0 1.0 0.5 1.0 1.0

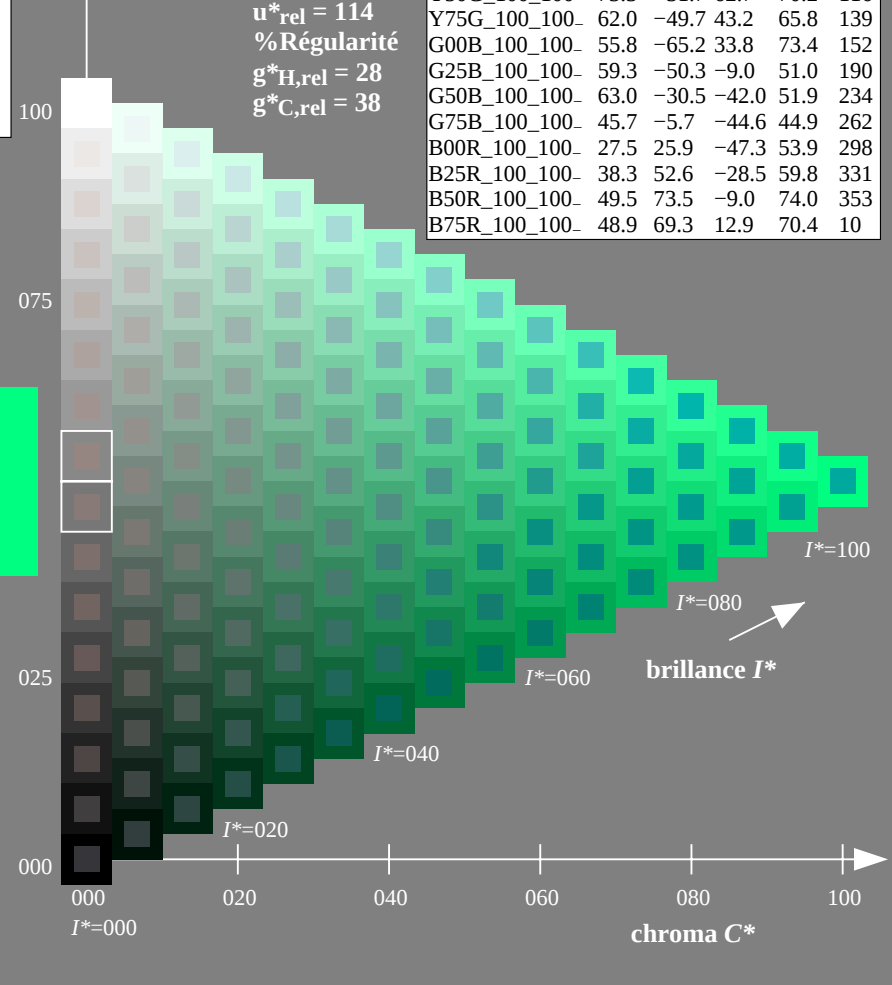
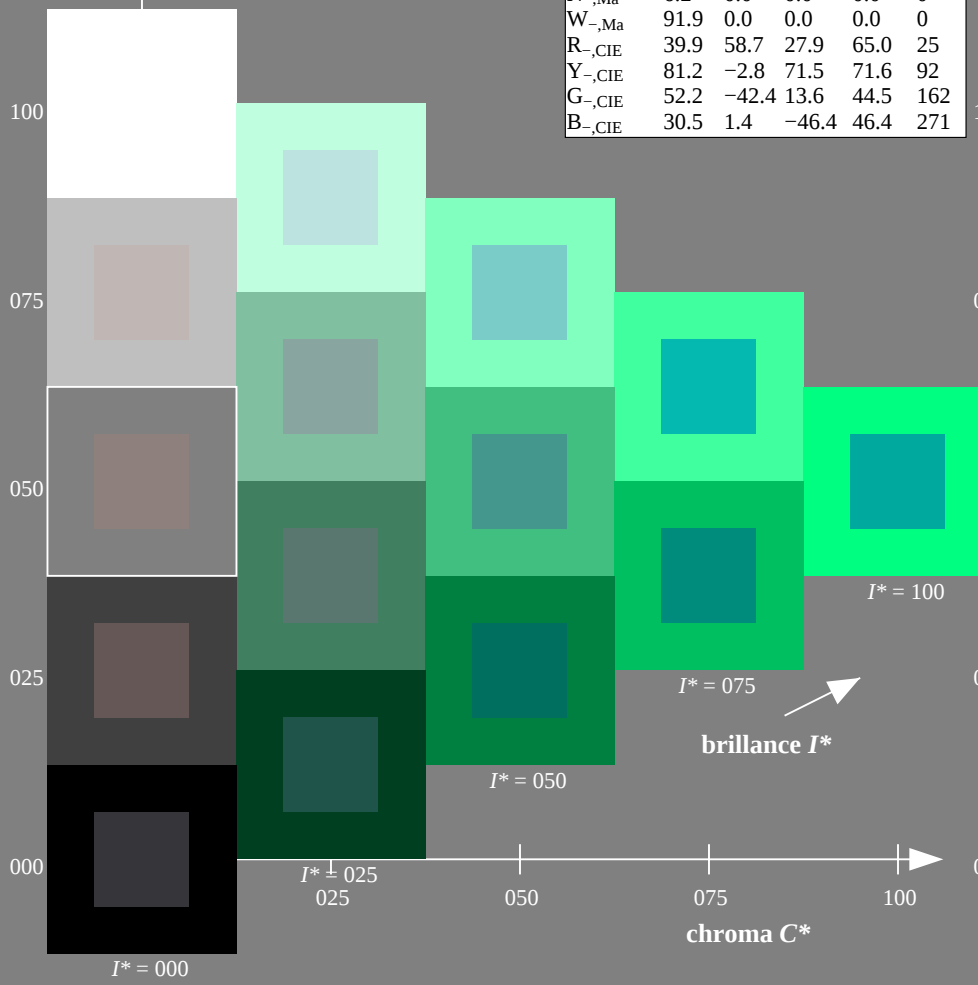
triangle de luminosité T^*

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

$H^*_- = G25B_-$

ORS20a; données CIELAB (a) adaptées

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



3-003030-L0 QF890-7N

graphique TUB-QF89; code de teinte: $H^*_- = G25B_-$
graphique conforme à DIN 33872, 3D=0, de=0, cmyk

entrée : $rgb/cmyk \rightarrow rgb/cmyk$
sortie : aucun changement

TUB enregistrement: 20130201-QF89/QF89L0NA.TXT / .PS
application pour la mesure des sorties sur imprimante laser

TUB matériel: code=rha4ta

voir fichiers similaires: <http://130.149.60.45/~farbmetrik/QF89/QF89L0NA.TXT> / .PS
informations techniques: <http://www.ps.bam.de> ou <http://130.149.60.45/~farbmetrik>

Entrée et sortie: Système Printer Reflective FRS06a pour la teinte CIELAB relative $h_{ab,a,rel} = h_{ab}/360 = 189/360 = 0.52$

$H^*_d = G25B_d$

Données de couleurs périphériques (d)

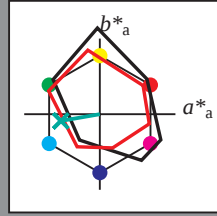
ou élémentaires (e):

HIC^*_d

code de teinte pour les couleurs de cette page:

$H^*_d = G25B_d$

triangle de luminosité T^*



LRS18a; données CIELAB (a) adaptées

nom	$L^*=L^*_a a^*_a$	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
$R_{d,Ma}$	47.5	57.2	37.8	68.6
$Y_{d,Ma}$	91.5	-15.8	84.6	86.1
$G_{d,Ma}$	54.3	-67.6	30.8	74.3
$C_{d,Ma}$	53.1	-30.0	-43.1	52.5
$B_{d,Ma}$	32.5	16.9	-44.6	47.7
$M_{d,Ma}$	48.1	65.4	-12.7	66.6
$N_{d,Ma}$	23.8	0.0	0.0	0.0
$W_{d,Ma}$	95.8	0.0	0.0	0.0
$R_{d,CIE}$	39.9	58.7	27.9	65.0
$Y_{d,CIE}$	81.2	-2.8	71.5	71.6
$G_{d,CIE}$	52.2	-42.4	13.6	44.5
$B_{d,CIE}$	30.5	1.4	-46.4	46.4

Les données de couleur maximale (Ma):

$LabCh^*_{d,Ma}$: 55 -51 -8 52 189

$HIC^*_{d,Ma}$: G25B_100_100d

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

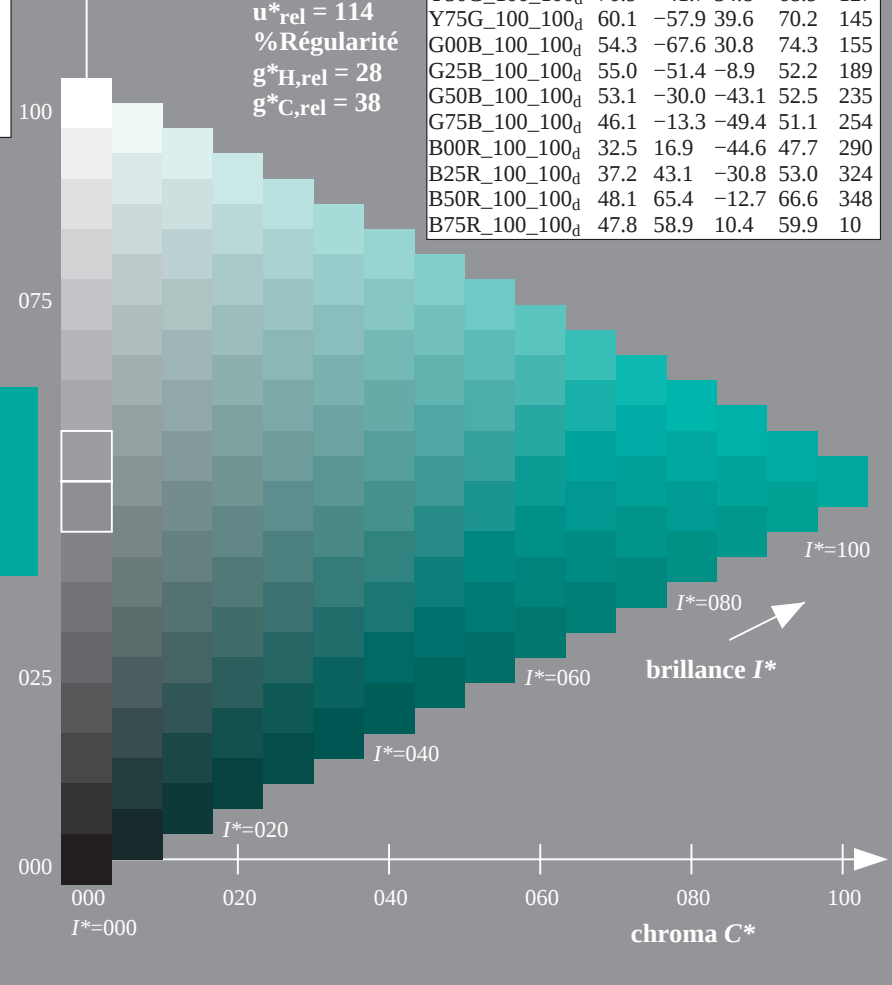
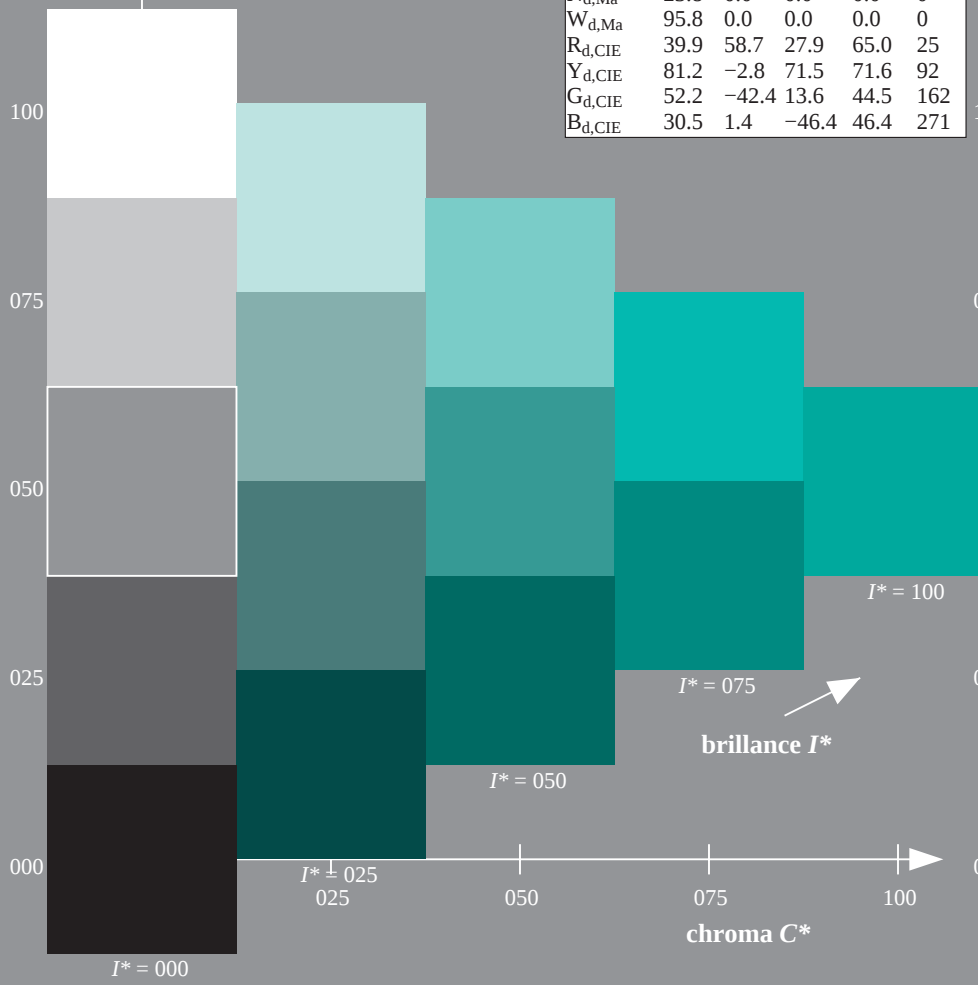
0.0 1.0 0.5 1.0 1.0

triangle de luminosité T^*

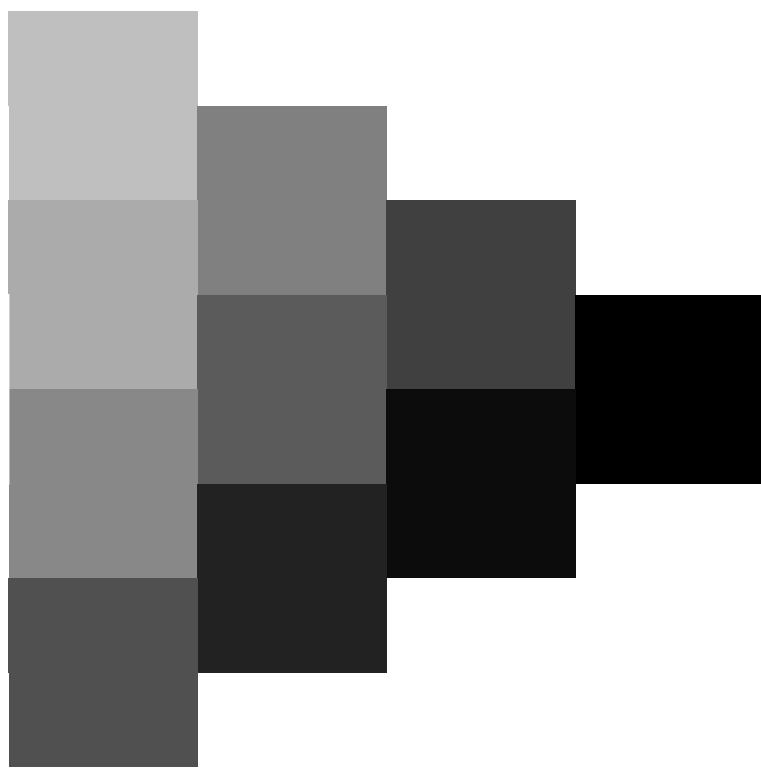
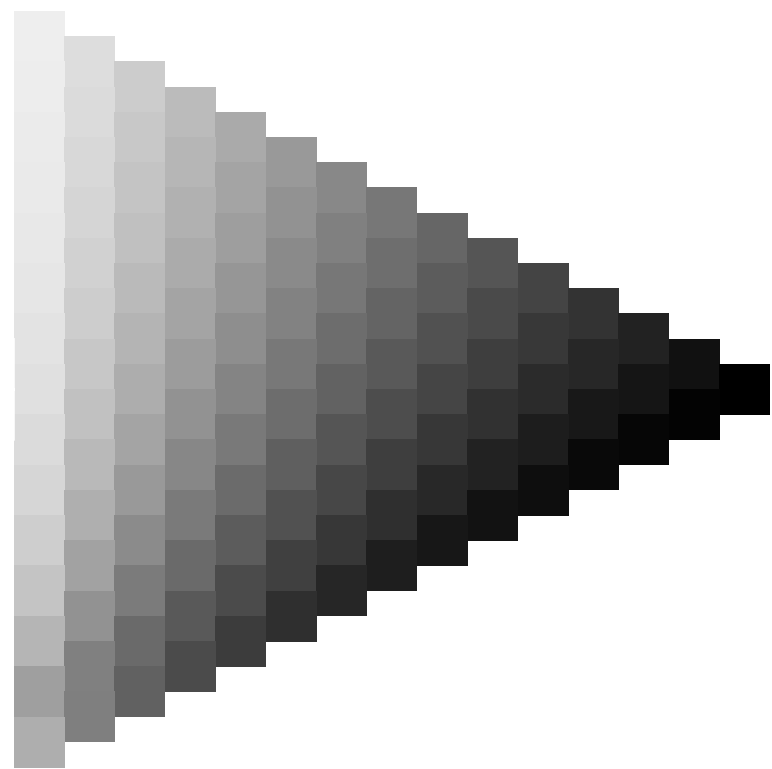
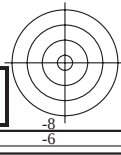
% Gamme
 $u^*_{rel} = 114$
% Régularité
 $g^*_{H,rel} = 28$
 $g^*_{C,rel} = 38$

LRS18a; données CIELAB (a) adaptées

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
$R25Y_{100_100d}$	57.4	43.5	54.5	69.7
$R50Y_{100_100d}$	70.5	19.2	66.2	69.0
$R75Y_{100_100d}$	83.5	-2.9	76.8	76.9
$Y00G_{100_100d}$	91.5	-15.8	84.6	86.1
$Y25G_{100_100d}$	90.4	-20.9	86.5	89.0
$Y50G_{100_100d}$	70.9	-41.7	54.8	68.9
$Y75G_{100_100d}$	60.1	-57.9	39.6	70.2
$G00B_{100_100d}$	54.3	-67.6	30.8	74.3
$G25B_{100_100d}$	55.0	-51.4	-8.9	52.2
$G50B_{100_100d}$	53.1	-30.0	-43.1	52.5
$G75B_{100_100d}$	46.1	-13.3	-49.4	51.1
$B00R_{100_100d}$	32.5	16.9	-44.6	47.7
$B25R_{100_100d}$	37.2	43.1	-30.8	53.0
$B50R_{100_100d}$	48.1	65.4	-12.7	66.6
$B75R_{100_100d}$	47.8	58.9	10.4	59.9



TUB enregistrement: 20130201-QF89/QF89L0NA.TXT /.PS
application pour la mesure des sorties sur imprimante laser, séparation cmyk6 (CMYK)
TUB matériel: code=rha4ta



voir fichiers similaires: <http://130.149.60.45/~farbmetrik/QF89/QF89.HTM>
informations techniques: <http://www.ps.bam.de> ou <http://130.149.60.45/~farbmetrik>



entrée : *rgb/cmyk* -> *rgb_d*
sortie : transférer à *cmyk_d*

graphique TUB-QF89; code de teinte: H*_d=G25B_d
graphique conforme à DIN 33872, 3D=0, de=0, *cmyk*

3-003330-L0 QF890-70

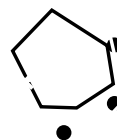


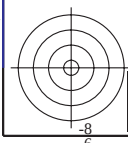
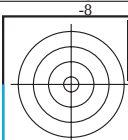
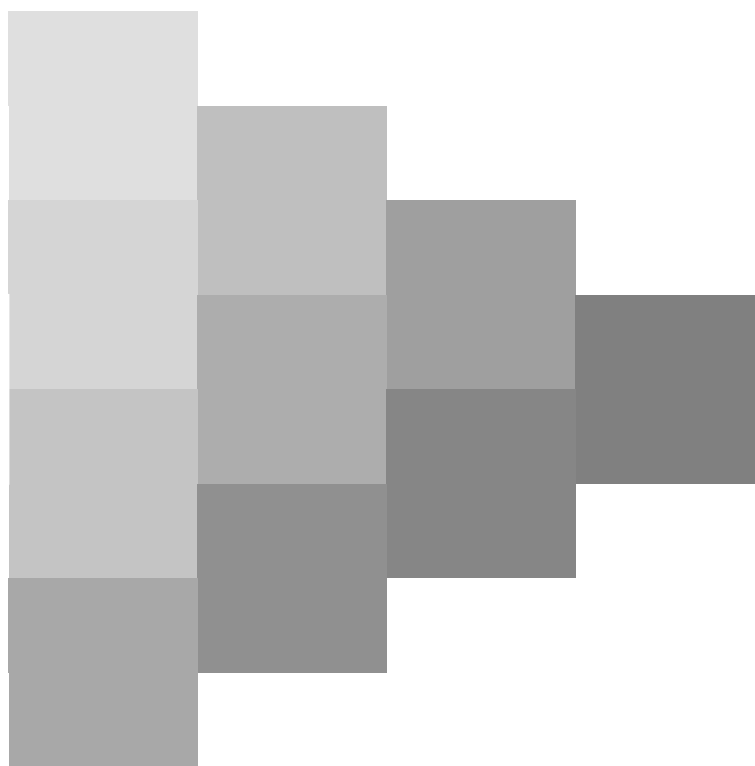
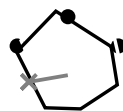
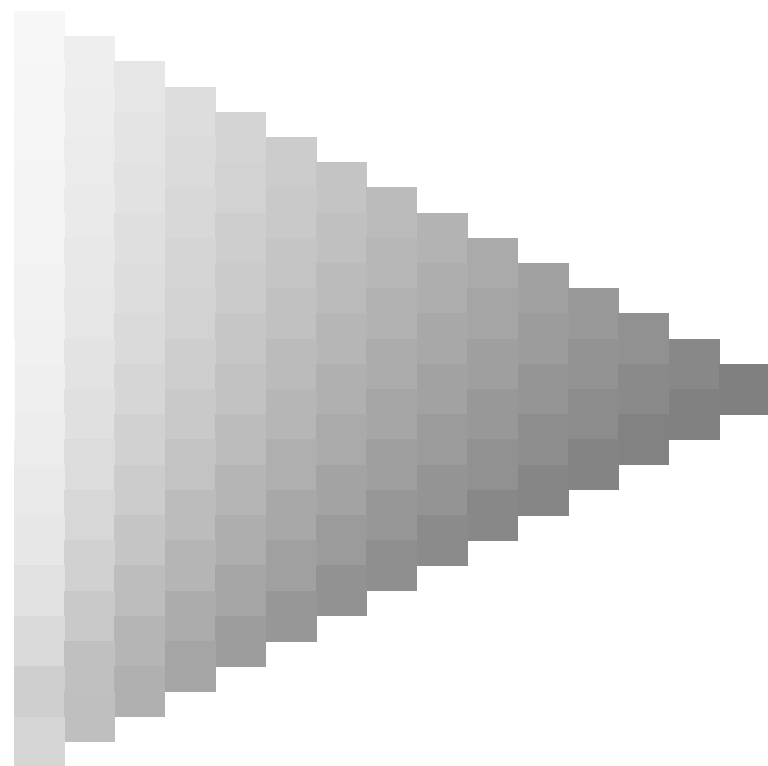
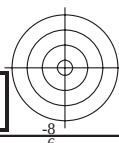
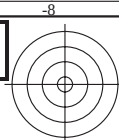
3-003330-E0

<http://130.149.60.45/~farbmetrik/QF89/QF89L0NA.TXT> /.PS; sortie de transfert
N: aucune linearisation 3D (OL) dans fichier (F) ou PS-startup (S), page 4/33



voir fichiers similaires: <http://130.149.60.45/~farbmetrik/QF89/QF89.HTM>
informations techniques: <http://www.ps.bam.de> ou <http://130.149.60.45/~farbmetrik>





Entrée et sortie: Système Printer Reflective FRS06a pour la teinte CIELAB relative $h_{ab,a,rel} = h_{ab}/360 = 189/360 = 0.52$

$H^*_d = G25B_d$

Données de couleurs périphériques (d)

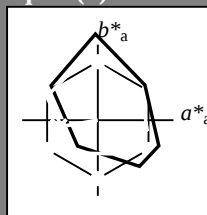
ou élémentaires (e):

HIC^*_d

code de teinte pour les couleurs de cette page:

$H^*_d = G25B_d$

triangle de luminosité T^*



LRS18a; données CIELAB (a) adaptées

nom	$L^*=L^*_a$	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

Les données de couleur maximale (Ma):

$LabCh^*_{d,Ma}$: 55 -51 -8 52 189

$HIC^*_{d,Ma}$: G25B_100_100d

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

0.0 1.0 0.5 1.0 1.0

triangle de luminosité T^*

% Gamme

$u^*_{rel} = 114$

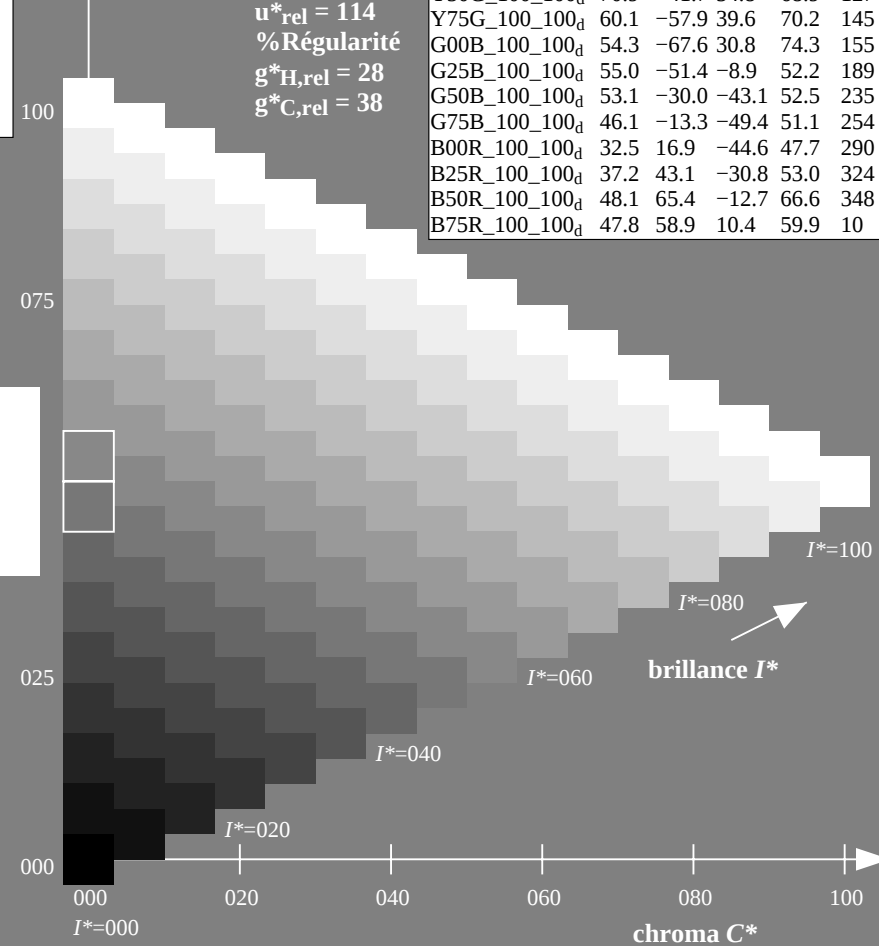
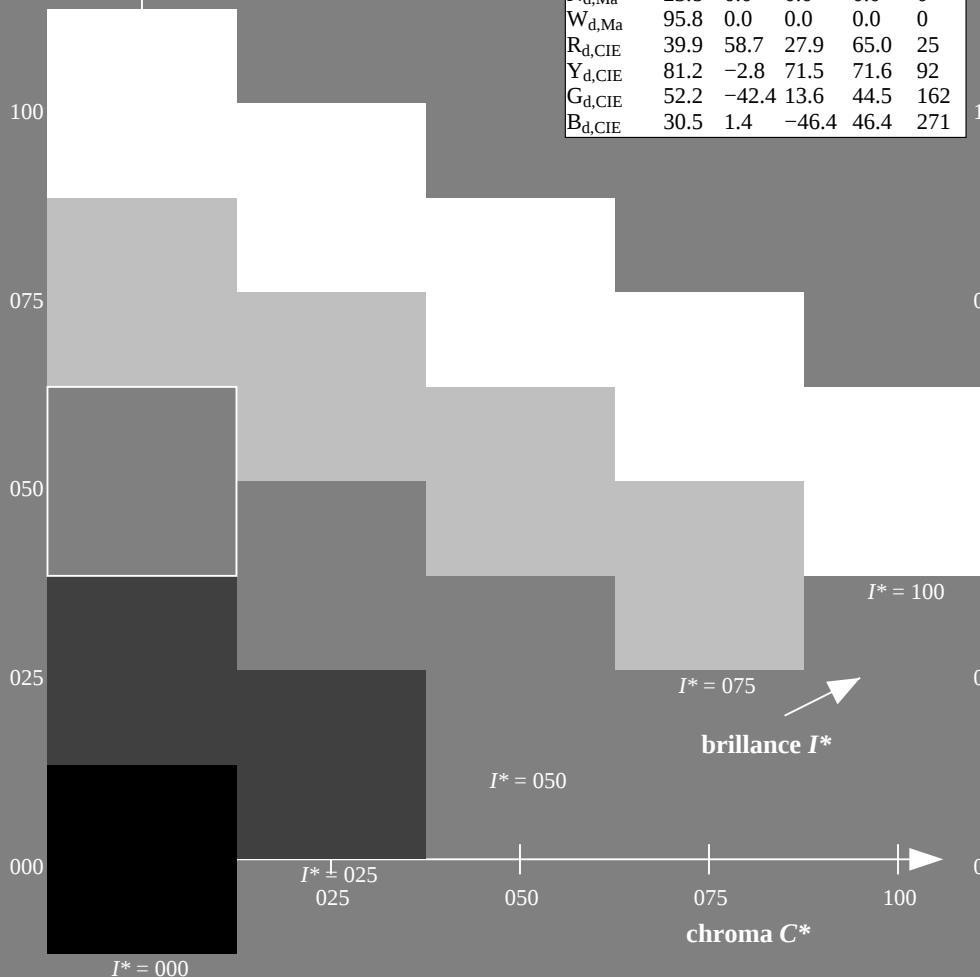
% Régularité

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

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

LRS18a; données CIELAB (a) adaptées

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



graphique TUB-QF89; code de teinte: $H^*_d=G25B_d$
graphique conforme à DIN 33872, 3D=0, de=0, cmyk

entrée : $rgb/cmyk \rightarrow rgb_d$
sortie : transférer à $cmyk_d$

Couleur maximale dans le système colorimétrique : Laser printer output; separation cmy6*, D65 pour l'entrée et sortie; Six angles de teinte à 60 degrés couleurs standard $RYGCBM_s$: $h_{ab,ds} = 30.0, 90.0, 150.0, 210.0, 270.0, 330.0$;
Six angles de teinte des couleurs périphériques $RYGCBM_d$: $h_{ab,d} = 33.5, 100.6, 155.5, 235.2, 290.8, 348.9$; Six angles de teinte des couleurs élémentaires $RYGCBM_e$: $h_{ab,e} = 25.5, 92.3, 162.2, 217.0, 271.7, 328.6$

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

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

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

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

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

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

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

C_s
 $LCH^*_s = 55.2 \ 48.1 \ 210.0$
 $LAB^*_s = 55.2 \ -41.7 \ -24.0$
 $rgb^*_{ds} = 0.0 \ 1.0 \ 0.694$

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

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

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

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

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

$h_{ab,s}, rgb^*_d$

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

$h_{ab,s}$

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

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

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

$h_{ab,e}$

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

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

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

$h_{ab,d}$

rgb^*_{de}

Couleur maximale dans le système colorimétrique : Laser printer output; separation cmy6*, D65 pour l'entrée et sortie; Six angles de teinte à 60 degrés couleurs standard $RYGCBM_c$; $h_{ab,ds} = 30.0, 90.0, 150.0, 210.0, 270.0, 330.0$;
Six angles de teinte des couleurs périphériques $RYGCBM_d$; $h_{ab,d} = 33.5, 100.6, 155.5, 235.2, 290.8, 348.9$; Six angles de teinte des couleurs élémentaires $RYGCBM_e$; $h_{ab,e} = 25.5, 92.3, 162.2, 217.0, 271.7, 328.6$

$h_{ab,d}$	$h_{ab,s}$	$h_{ab,e}$	rgb^*_{dd64M}	LAB^*_{ddx64M} (x=LabCh)		$rgb^*_{dex361M}$	$LAB^*_{dex361M}$		rgb^*_{dd}	rgb^*_{ds}	rgb^*_{de}
33.4	30.0	25.4	1.0	0.0	0.0	47.5	57.2	37.8	68.6	33.4	
42.1	37.5	33.8	1.0	0.125	0.0	51.9	54.3	49.2	73.2	42.1	
52.8	45.0	42.1	1.0	0.25	0.0	58.2	41.8	55.1	69.2	52.8	
63.7	52.5	50.5	1.0	0.375	0.0	64.6	29.8	60.4	67.3	63.7	
73.8	60.0	58.8	1.0	0.5	0.0	70.5	19.2	66.2	69.0	73.8	
80.7	67.5	67.2	1.0	0.625	0.0	74.9	11.4	70.7	71.6	80.7	
91.5	75.0	75.6	1.0	0.75	0.0	82.9	-2.0	76.9	77.0	91.5	
96.8	82.5	83.9	1.0	0.875	0.0	87.6	-9.0	75.7	76.3	96.8	
100.5	90.0	92.3	1.0	1.0	0.0	91.5	-15.8	84.6	86.1	100.5	
101.4	97.5	101.0	0.875	1.0	0.0	92.8	-18.1	89.4	91.2	101.4	
103.9	105.0	109.7	0.75	1.0	0.0	90.1	-21.3	86.0	88.6	103.9	
115.0	112.5	118.5	0.625	1.0	0.0	79.9	-31.7	67.9	75.0	115.0	
127.3	120.0	127.2	0.5	1.0	0.0	70.9	-41.7	54.8	68.9	127.3	
134.7	127.5	136.0	0.375	1.0	0.0	66.5	-47.5	48.0	67.6	134.7	
144.7	135.0	144.7	0.25	1.0	0.0	60.6	-57.2	40.4	70.1	144.7	
151.0	142.5	153.4	0.125	1.0	0.0	57.0	-62.2	34.4	71.1	151.0	
155.5	150.0	162.2	0.0	1.0	0.0	54.3	-67.6	30.8	74.3	155.5	
160.8	157.5	169.0	0.0	1.0	0.125	53.8	-66.4	23.0	70.2	160.8	
168.5	165.0	175.9	0.0	1.0	0.25	53.7	-63.1	12.8	64.4	168.5	
179.9	172.5	182.7	0.0	1.0	0.375	54.7	-56.8	0.0	56.8	179.9	
189.8	180.0	189.6	0.0	1.0	0.5	55.0	-51.4	-8.9	52.2	189.8	
204.4	187.5	196.4	0.0	1.0	0.625	55.3	-44.1	-20.0	48.5	204.4	
214.4	195.0	203.2	0.0	1.0	0.75	55.2	-39.5	-27.1	47.9	214.4	
221.9	202.5	210.1	0.0	1.0	0.875	54.4	-36.7	-33.0	49.4	221.9	
235.1	210.0	216.9	0.0	1.0	1.0	53.1	-30.0	-43.1	52.5	235.1	
237.9	217.5	223.8	0.0	0.875	1.0	53.1	-27.9	-44.7	52.7	237.9	
241.3	225.0	230.6	0.0	0.75	1.0	52.9	-25.9	-47.5	54.1	241.3	
247.2	232.5	237.5	0.0	0.625	1.0	50.5	-20.8	-49.5	53.7	247.2	
254.9	240.0	244.3	0.0	0.5	1.0	46.1	-13.3	-49.4	51.1	254.9	
262.6	247.5	251.2	0.0	0.375	1.0	41.4	-6.3	-49.2	49.6	262.6	
272.6	255.0	258.0	0.0	0.25	1.0	36.8	2.2	-48.5	48.6	272.6	
281.4	262.5	264.8	0.0	0.125	1.0	35.0	9.4	-46.3	47.3	281.4	
290.8	270.0	271.7	0.0	0.0	1.0	32.5	16.9	-44.6	47.7	290.8	
299.2	277.5	278.8	0.125	0.0	1.0	31.6	23.6	-42.2	48.4	299.2	
307.8	285.0	285.9	0.25	0.0	1.0	31.0	30.5	-39.3	49.8	307.8	
317.5	292.5	293.0	0.375	0.0	1.0	34.2	38.2	-35.0	51.8	317.5	
324.4	300.0	300.1	0.5	0.0	1.0	37.2	43.1	-30.8	53.0	324.4	
330.6	307.5	307.2	0.625	0.0	1.0	39.1	48.4	-27.2	55.6	330.6	
338.7	315.0	314.3	0.75	0.0	1.0	41.8	55.1	-21.4	59.1	338.7	
343.9	322.5	321.4	0.875	0.0	1.0	45.6	60.1	-17.3	62.6	343.9	
348.9	330.0	328.6	1.0	0.0	1.0	48.1	65.4	-12.7	66.6	348.9	
350.7	337.5	335.7	1.0	0.0	0.875	49.5	66.1	-10.7	67.0	350.7	
354.2	345.0	342.8	1.0	0.0	0.75	49.3	64.5	-6.5	64.8	354.2	
361.9	352.5	349.9	1.0	0.0	0.625	48.0	61.8	2.1	61.8	361.9	
370.0	360.0	357.0	1.0	0.0	0.5	47.8	58.9	10.4	59.9	370.0	
378.9	367.5	364.1	1.0	0.0	0.375	47.4	56.8	19.5	60.0	378.9	
386.2	375.0	371.2	1.0	0.0	0.25	47.5	55.9	27.5	62.3	386.2	
391.3	382.5	378.3	1.0	0.0	0.125	47.6	56.3	34.2	65.9	391.3	
393.4	390.0	385.4	1.0	0.0	0.0	47.5	57.2	37.8	68.6	393.4	

3-003830-L0 QF890-70 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

graphique TUB-QF89; code de teinte: $H^*_d = G25B_d$
cercle chromatique 48 paliers; tableaux $rgb-LabCh^*$

entrée : $rgb/cmyk \rightarrow rgb_d$
sortie : transférer à $cmyk_d$

sortie: Laser printer output; separation cmy6*, D65, page 9/33

TUB enregistrement: 20130201-QF89/QF89L0NA.TXT / .PS
application pour la mesure des sorties sur imprimante laser, séparation cmy6 (CMYK)

TUB matériel: code=rha4ta

Couleur maximale dans le système colorimétrique : Laser printer output; separation cmyn6*, D65 pour l'entrée et sortie; Six angles de teinte à 60 degrés couleurs standard RYGBM _s ; $h_{ab,ds} = 30.0, 90.0, 150.0, 210.0, 270.0, 330.0$;																	Six angles de teinte des couleurs périphériques RYGBM _d ; $h_{ab,d} = 33.5, 100.6, 155.5, 235.2, 290.8, 348.9$; Six angles de teinte des couleurs élémentaires RYGBM _e ; $h_{ab,e} = 25.5, 92.3, 162.2, 217.0, 271.7, 328.6$																
$h_{ab,d}$	$h_{ab,s}$	$h_{ab,e}$	rgb^*_{dd361M}	$LAB^*_{ddx361Mi}$ (x=LabCh)	R_d	$rgb^*_{ds361Mi}$	$LAB^*_{dsx361Mi}$ (x=LabCh)	R_s	$rgb^*_{dd361Mi}$	$LAB^*_{dex361Mi}$ (x=LabCh)	R_e	$rgb^*_{dd361Mi}$	$LAB^*_{dd361Mi}$	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	0.0																	

3-003930-L0 QF890-70 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

sortie: Laser printer output; separation cmyn6*, D65, page 10/33

graphique TUB-QF89; code de teinte: $H^*_d = G25B_d$
cercle chromatique 48 paliers; tableaux $rgb-LabCh^*$

entrée : $rgb/cmyk \rightarrow rgb_d$
sortie : transférer à $cmyk_d$

voir fichiers similaires: <http://130.149.60.45/~farbmetrik/QF89/QF89L0NA.TXT>
informations techniques: <http://www.ps.bam.de> ou <http://130.149.60.45/~farbmetrik>

TUB enregistrement: 20130201-QF89/QF89L0NA.TXT / .PS
application pour la mesure des sorties sur imprimante Laser, séparation cmyn6 (CMYK)
TUB matériel: code=rha4ta

Couleur maximale dans le système colorimétrique : Laser printer output; separation cmyk6*, D65 pour l'entrée et sortie; Six angles de teinte à 60 degrés couleurs standard $RYGCBM_s; h_{a,b,d,s} = 30.0, 90.0, 150.0, 210.0, 270.0, 330.0;$

Six angles de teinte des couleurs périphériques $RYGCBM_d$: $h_{ab,d} = 33.5, 100.6, 155.5, 235.2, 290.8, 348.9$; Six angles de teinte des couleurs élémentaires $RYGCBM_e$: $h_{ab,e} = 25.5, 92.3, 162.2, 217.0, 271.7, 328.6$

	a_{ab}	b_{ab}	c_{ab}	$\text{rgb}^*\text{-dd361M}$				$\text{LAB}^*\text{-dsx361Mi (x=LabCh)}$				$\text{rgb}^*\text{-ds361Mi}$				$\text{LAB}^*\text{-dsx361Mi (x=LabCh)}$				$\text{rgb}^*\text{-dd361Mi}$				$\text{rgb}^*\text{-de361Mi}$				$\text{LAB}^*\text{-dex361Mi (x=LabCh)}$				$\text{rgb}^*\text{-dd361Mi}$				$\text{rgb}^*\text{-dd}$	$\text{rgb}^*\text{-ds}$	$\text{rgb}^*\text{-de}$
127	120	127	0.5	1.0	0.0	70.9	-41.7	54.8	68.9	127	0.574	1.0	0.0	76.3	-36.2	62.8	72.6	120	0.5	1.0	0.0	0.501	1.0	0.0	71.0	-41.6	54.9	68.9	127	0.5	1.0	0.0						
128	121	128	0.483	1.0	0.0	70.4	-42.6	53.9	68.7	128	0.564	1.0	0.0	75.6	-37.0	61.8	72.1	121	0.483	1.0	0.0	0.481	1.0	0.0	70.3	-42.6	53.8	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	0.554	1.0	0.0	74.9	-37.8	60.7	71.6	122	0.467	1.0	0.0	0.462	1.0	0.0	69.6	-43.6	52.8	68.5	129	0.467	1.0	0.0						
130	123	130	0.45	1.0	0.0	69.2	-44.2	52.1	68.3	130	0.544	1.0	0.0	74.1	-38.6	59.6	71.1	123	0.45	1.0	0.0	0.442	1.0	0.0	68.9	-44.5	51.7	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	0.534	1.0	0.0	73.4	-39.4	58.5	70.6	124	0.433	1.0	0.0	0.422	1.0	0.0	68.3	-45.4	50.7	68.1	131	0.433	1.0	0.0						
132	125	132	0.416	1.0	0.0	68.0	-45.7	50.3	68.0	132	0.524	1.0	0.0	72.7	-40.1	57.4	70.1	125	0.417	1.0	0.0	0.403	1.0	0.0	67.6	-46.3	49.6	67.9	132	0.417	1.0	0.0						
133	126	133	0.4	1.0	0.0	67.4	-46.5	49.4	67.8	133	0.513	1.0	0.0	72.0	-40.8	56.3	69.6	126	0.4	1.0	0.0	0.383	1.0	0.0	66.9	-47.1	48.5	67.7	134	0.4	1.0	0.0						
134	127	135	0.383	1.0	0.0	66.8	-47.2	48.5	67.7	134	0.503	1.0	0.0	71.2	-41.5	55.2	69.1	127	0.383	1.0	0.0	0.366	1.0	0.0	66.2	-48.2	47.6	67.8	135	0.383	1.0	0.0						
135	128	136	0.366	1.0	0.0	66.1	-48.2	47.5	67.7	135	0.489	1.0	0.0	70.6	-42.3	54.2	68.8	128	0.367	1.0	0.0	0.352	1.0	0.0	65.5	-49.4	46.8	68.1	136	0.367	1.0	0.0						
136	129	137	0.35	1.0	0.0	65.4	-49.5	46.6	68.1	136	0.472	1.0	0.0	70.0	-43.1	53.3	68.6	129	0.35	1.0	0.0	0.337	1.0	0.0	64.8	-50.5	46.0	68.4	137	0.35	1.0	0.0						
138	130	138	0.333	1.0	0.0	64.6	-50.9	45.7	68.4	138	0.455	1.0	0.0	69.4	-43.9	52.4	68.4	130	0.333	1.0	0.0	0.323	1.0	0.0	64.1	-51.7	45.1	68.7	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	0.438	1.0	0.0	68.8	-44.7	51.5	68.3	131	0.317	1.0	0.0	0.308	1.0	0.0	63.4	-52.8	44.2	68.9	140	0.317	1.0	0.0						
140	132	141	0.3	1.0	0.0	63.0	-53.5	43.7	69.1	140	0.421	1.0	0.0	68.2	-45.5	50.6	68.1	132	0.3	1.																		

3-0031130-L0	QF890-70	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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sortie: Laser printer output; separation cmyn6*, D65, page 12/38

graphique TUB-QF89; code de teinte: $H^*_d=G25B_d$
cercle chromatique 48 paliers; tableaux *rgb-LabCh**

entrée : $rgb/cmyk \rightarrow rgb_d$
 sortie : transférer à $cmyk_d$

Couleur maximale dans le système colorimétrique : Laser printer output; separation cmyn6*, D65 pour l'entrée et sortie; Six angles de teinte à 60 degrés couleurs standard RYGBCM _s ; h _{ab,ds} = 30.0, 90.0, 150.0, 210.0, 270.0, 330.0; Six angles de teinte des couleurs périphériques RYGBCM _d ; h _{ab,d} = 33.5, 100.6, 155.5, 235.2, 290.8, 348.9; Six angles de teinte des couleurs élémentaires 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* ddx361Mi (x=LabCh)	C _d	rgb* ds361Mi	LAB* dsx361Mi (x=LabCh)	C _s	rgb* dd361Mi	LAB* de361Mi	C _e	rgb* dd361Mi	LAB* dex361Mi (x=LabCh)	C _e	rgb* dd361Mi	LAB* dex361Mi (x=LabCh)	C _e	rgb* dd361Mi	LAB* dex361Mi (x=LabCh)	C _e	rgb* dd361Mi	LAB* dex361Mi (x=LabCh)	C _e	rgb* dd361Mi	LAB* dex361Mi (x=LabCh)	C _e	rgb* dd361Mi	LAB* dex361Mi (x=LabCh)	C _e	rgb* dd361Mi	LAB* dex361Mi (x=LabCh)	C _e	rgb* dd361Mi	LAB* dex361Mi (x=LabCh)	C _e	rgb* dd361Mi	LAB* dex361Mi (x=LabCh)	C _e	rgb* dd361Mi	LAB* dex361Mi (x=LabCh)	C _e	rgb* dd361Mi	LAB* dex361Mi (x=LabCh)	C _e	rgb* dd361Mi	LAB* dex361Mi (x=LabCh)	C _e	rgb* dd361Mi	LAB* dex361Mi (x=LabCh)	C _e	rgb* dd361Mi	LAB* dex361Mi (x=LabCh)	C _e	rgb* dd361Mi	LAB* dex361Mi (x=LabCh)	C _e	rgb* dd361Mi	LAB* dex361Mi (x=LabCh)	C _e	rgb* dd361Mi	LAB* dex361Mi (x=LabCh)	C _e	rgb* dd361Mi	LAB* dex361Mi (x=LabCh)	C _e	rgb* dd361Mi	LAB* dex361Mi (x=LabCh)	C _e	rgb* dd361Mi	LAB* dex361Mi (x=LabCh)	C _e	rgb* dd361Mi	LAB* dex361Mi (x=LabCh)	C _e	rgb* dd361Mi	LAB* dex361Mi (x=LabCh)	C _e	rgb* dd361Mi	LAB* dex361Mi (x=LabCh)	C _e	rgb* dd361Mi	LAB* dex361Mi (x=LabCh)	C _e	rgb* dd361Mi	LAB* dex361Mi (x=LabCh)	C _e	rgb* dd361Mi	LAB* dex361Mi (x=LabCh)	C _e	rgb* dd361Mi	LAB* dex361Mi (x=LabCh)	C _e	rgb* dd361Mi	LAB* dex361Mi (x=LabCh)	C _e	rgb* dd361Mi	LAB* dex361Mi (x=LabCh)	C _e	rgb* dd361Mi	LAB* dex361Mi (x=LabCh)	C _e	rgb* dd361Mi	LAB* dex361Mi (x=LabCh)	C _e	rgb* dd361Mi	LAB* dex361Mi (x=LabCh)	C _e	rgb* dd361Mi	LAB* dex361Mi (x=LabCh)	C _e	rgb* dd361Mi	LAB* dex361Mi (x=LabCh)	C _e	rgb* dd361Mi	LAB* dex361Mi (x=LabCh)	C _e	rgb* dd361Mi	LAB* dex361Mi (x=LabCh)	C _e	rgb* dd361Mi	LAB* dex361Mi (x=LabCh)	C _e	rgb* dd361Mi	LAB* dex361Mi (x=LabCh)	C _e	rgb* dd361Mi	LAB* dex361Mi (x=LabCh)	C _e	rgb* dd361Mi	LAB* dex361Mi (x=LabCh)	C _e	rgb* dd361Mi	LAB* dex361Mi (x=LabCh)	C _e	rgb* dd361Mi	LAB* dex361Mi (x=LabCh)	C _e	rgb* dd361Mi	LAB* dex361Mi (x=LabCh)	C _e	rgb* dd361Mi	LAB* dex361Mi (x=LabCh)	C _e	rgb* dd361Mi	LAB* dex361Mi (x=LabCh)	C _e	rgb* dd361Mi	LAB* dex361Mi (x=LabCh)	C _e	rgb* dd361Mi	LAB* dex361Mi (x=LabCh)	C _e	rgb* dd361Mi	LAB* dex361Mi (x=LabCh)	C _e	rgb* dd361Mi	LAB* dex361Mi (x=LabCh)	C _e	rgb* dd361Mi	LAB* dex361Mi (x=LabCh)	C _e	rgb* dd361Mi	LAB* dex361Mi (x=LabCh)	C _e	rgb* dd361Mi	LAB* dex361Mi (x=LabCh)	C _e	rgb* dd361Mi	LAB* dex361Mi (x=LabCh)	C _e	rgb* dd361Mi	LAB* dex361Mi (x=LabCh)	C _e	rgb* dd361Mi	LAB* dex361Mi (x=LabCh)	C _e	rgb* dd361Mi	LAB* dex361Mi (x=LabCh)	C _e	rgb* dd361Mi	LAB* dex361Mi (x=LabCh)	C _e	rgb* dd361Mi	LAB* dex361Mi (x=LabCh)	C _e	rgb* dd361Mi	LAB* dex361Mi (x=LabCh)	C _e	rgb* dd361Mi	LAB* dex361Mi (x=LabCh)	C _e	rgb* dd361Mi	LAB* dex361Mi (x=LabCh)	C _e	rgb* dd361Mi	LAB* dex361Mi (x=LabCh)	C _e	rgb* dd361Mi	LAB* dex361Mi (x=LabCh)	C _e	rgb* dd361Mi	LAB* dex361Mi (x=LabCh)	C _e	rgb* dd361Mi	LAB* dex361Mi (x=LabCh)	C _e	rgb* dd361Mi	LAB* dex361Mi (x=LabCh)	C _e	rgb* dd361Mi	LAB* dex361Mi (x=LabCh)	C _e	rgb* dd361Mi	LAB* dex361Mi (x=LabCh)	C _e	rgb* dd361Mi	LAB* dex361Mi (x=LabCh)	C _e	rgb* dd361Mi	LAB* dex361Mi (x=LabCh)	C _e	rgb* dd361Mi	LAB* dex361Mi (x=LabCh)	C _e	rgb* dd361Mi	LAB* dex361Mi (x=LabCh)	C _e	rgb* dd361Mi	LAB* dex361Mi (x=LabCh)	C _e	rgb* dd361Mi	LAB* dex361Mi (x=LabCh)	C _e	rgb* dd361Mi	LAB* dex361Mi (x=LabCh)	C _e	rgb* dd361Mi	LAB* dex361Mi (x=LabCh)	C _e	rgb* dd361Mi	LAB* dex361Mi (x=LabCh)	C _e	rgb* dd361Mi	LAB* dex361Mi (x=LabCh)	C _e	rgb* dd361Mi	LAB* dex361Mi (x=LabCh)	C _e	rgb* dd361Mi	LAB* dex361Mi (x=LabCh)	C _e	rgb* dd361Mi	LAB* dex361Mi (x=LabCh)	C _e	rgb* dd361Mi	LAB* dex361Mi (x=LabCh)	C _e	rgb* dd361Mi	LAB* dex361Mi (x=LabCh)	C _e	rgb* dd361Mi	LAB* dex361Mi (x=LabCh)	C _e	rgb* dd361Mi	LAB* dex361Mi (x=LabCh)	C _e	rgb* dd361Mi	LAB* dex361Mi (x=LabCh)	C _e	rgb* dd361Mi	LAB* dex361Mi (x=LabCh)	C _e	rgb* dd361Mi	LAB* dex361Mi (x=LabCh)	C _e	rgb* dd361Mi	LAB* dex361Mi (x=LabCh)	C _e	rgb* dd361Mi	LAB* dex361Mi (x=LabCh)	C _e	rgb* dd361Mi	LAB* dex361Mi (x=LabCh)	C _e	rgb* dd361Mi	LAB* dex361Mi (x=LabCh)	C _e	rgb* dd361Mi	LAB* dex361Mi (x=LabCh)	C _e	rgb* dd361Mi	LAB* dex361Mi (x=LabCh)	C _e	rgb* dd361Mi	LAB* dex361Mi (x=LabCh)	C _e	rgb* dd361Mi	LAB* dex361Mi (x=LabCh)	C _e	rgb* dd361Mi	LAB* dex361Mi (x=LabCh)	C _e	rgb* dd361Mi	LAB* dex361Mi (x=LabCh)	C _e	rgb* dd361Mi	LAB* dex361Mi (x=LabCh)	C _e	rgb* dd361Mi	LAB* dex361Mi (x=LabCh)	C _e	rgb* dd361Mi	LAB* dex361Mi (x=LabCh)	C _e	rgb* dd361Mi	LAB* dex361Mi (x=LabCh)	C _e	rgb* dd361Mi	LAB* dex361Mi (x=LabCh)	C _e	rgb* dd361Mi	LAB* dex361Mi (x=LabCh)	C _e	rgb* dd361Mi	LAB* dex361Mi (x=LabCh)	C _e	rgb* dd361Mi	LAB* dex361Mi (x=LabCh)	C _e	rgb* dd361Mi	LAB* dex361Mi (x=LabCh)	C _e	rgb* dd361Mi	LAB* dex361Mi (x=LabCh)	C _e	rgb* dd361Mi	LAB* dex361Mi (x=LabCh)	C _e	rgb* dd361Mi	LAB* dex361Mi (x=LabCh)	C _e	rgb* dd361Mi	LAB* dex361Mi (x=LabCh)	C _e	rgb* dd361Mi	LAB* dex361Mi (x=LabCh)	C _e	rgb* dd361Mi	LAB* dex361Mi (x=LabCh)	C _e	rgb* dd361Mi	LAB* dex361Mi (x=LabCh)	C _e	rgb* dd361Mi	LAB* dex361Mi (x=LabCh)	C _e	rgb* dd361Mi	LAB* dex361Mi (x=LabCh)	C _e	rgb* dd361Mi	LAB* dex361Mi (x=LabCh)	C _e	rgb* dd361Mi	LAB* dex361Mi (x=LabCh)	C _e	rgb* dd361Mi	LAB* dex361Mi (x=LabCh)	C _e	rgb* dd361Mi	LAB* dex361Mi (x=LabCh)	C _e	rgb* dd361Mi	LAB* dex361Mi (x=LabCh)	C _e	rgb* dd361Mi	LAB* dex361Mi (x=LabCh)	C _e	rgb* dd361Mi	LAB* dex361Mi (x=LabCh)	C _e	rgb* dd361Mi	LAB* dex361Mi (x=LabCh)	C _e	rgb* dd361Mi	LAB* dex361Mi (x=LabCh)	C _e	rgb* dd361Mi	LAB* dex361Mi (x=LabCh)	C _e	rgb* dd361Mi	LAB* dex361Mi (x=LabCh)	C _e	rgb* dd361Mi	LAB* dex361Mi (x=LabCh)	C _e	rgb* dd361Mi	LAB* dex361Mi (x=LabCh)	C _e	rgb* dd361Mi	LAB* dex361Mi (x=LabCh)	C _e	rgb* dd361Mi	LAB* dex361Mi (x=LabCh)	C _e	rgb* dd361Mi	LAB* dex361Mi (x=LabCh)	C _e	rgb* dd361Mi	LAB* dex361Mi (x=LabCh)	C _e	rgb* dd361Mi	LAB* dex361Mi (x=LabCh)	C _e	rgb* dd361Mi	LAB* dex361Mi (x=LabCh)	C _e	rgb* dd361Mi	LAB* dex361Mi (x=LabCh)	C _e	rgb* dd361Mi	LAB* dex361Mi (x=LabCh)	C _e	rgb* dd361Mi	LAB* dex361Mi (x=LabCh)	C<

3-0031330-L0 QF890-70 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

sortie: Laser printer output; separation cmyn6*, D65, page 14/33

graphique TUB-QF89; code de teinte: H*a=G25B_d
cercle chromatique 48 paliers; tableaux rgb-LabCh*

entrée : rgb/cmyk -> rgb_d
sortie : transférer à cmyk_d

TUB enregistrement: 20130201-QF89/QF89L0NA.TXT / .PS
application pour la mesure des sorties sur imprimante Laser, séparation cmyn6 (CMYK)
TUB matériel: code=rha4ta

Couleur maximale dans le système colorimétrique : Laser printer output; separation cmyk*, D65 pour l'entrée et sortie; Six angles de teinte à 60 degrés couleurs standard $RYGCBM_s; h_{a,b,d,s} = 30.0, 90.0, 150.0, 210.0, 270.0, 330.0;$

Six angles de teinte des couleurs périphériques $RYGCBM_d$: $h_{ab,d} = 33.5, 100.6, 155.5, 235.2, 290.8, 348.9$; Six angles de teinte des couleurs élémentaires $RYGCBM_e$: $h_{ab,e} = 25.5, 92.3, 162.2, 217.0, 271.7, 328.6$

$h_{ab,d}$	$h_{ab,s}$	$h_{ab,e}$	rgb^*_{dd361M}	$LAB^*_{ddx361Mi}$ (x=LabCh)	$rgb^*_{ds361Mi}$	$LAB^*_{dsx361Mi}$ (x=LabCh)	$rgb^*_{dd361Mi}$	$rgb^*_{de361Mi}$	$LAB^*_{dex361Mi}$ (x=LabCh)	$rgb^*_{dd361Mi}$																						
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</													

3-0031430-L0	QF890-70	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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sortie: Laser printer output; separation cmyn6*, D65, page 15/38

graphique TUB-QF89; code de teinte: $H^*_d=G25B_d$
cercle chromatique 48 paliers; tableaux *rgb-LabCh**

entrée : $rgb/cmyk \rightarrow rgb_d$
 sortie : transférer à $cmyk_d$

~~3-0031430-FA~~

TUB enregistrement: 20130201-QF89/QF89L0NA.TXT /.PS TUB matériel: code=rh4ta
application pour la mesure des sorties sur imprimante laser, séparation cmyk6 (CMYK)

Couleur maximale dans le système colorimétrique : Laser printer output; separation cmyn6*, D65 pour l'entrée et sortie; Six angles de teinte à 60 degrés couleurs standard RYGCBM _c ; h _{ab,ds} = 30.0, 90.0, 150.0, 210.0, 270.0, 330.0;			Six angles de teinte des couleurs périphériques RYGCBM _d ; h _{ab,d} = 33.5, 100.6, 155.5, 235.2, 290.8, 348.9; Six angles de teinte des couleurs élémentaires RYGCBM _e ; h _{ab,e} = 25.5, 92.3, 162.2, 217.0, 271.7, 328.6							
h _{ab,d}	h _{ab,s}	h _{ab,e}	rgb* _{dd361M}	LAB* _{dd361Mi (x=LabCh)}	rgb* _{ds361Mi}	LAB* _{ds361Mi (x=LabCh)}	rgb* _{dd361Mi}	LAB* _{de361Mi}	rgb* _{de361Mi (x=LabCh)}	rgb* _{dd361Mi}
324	300	300	0.5 0.0 1.0	37.2 43.1 -30.8 53.0	0.136 0.0 1.0	31.6 24.3 -41.9 48.5	0.5 0.0 1.0	0.139 0.0 1.0	31.5 24.4 -41.9 48.6	0.5 0.0 1.0
325	301	301	0.516 0.0 1.0	37.4 43.8 -30.4 53.4	0.151 0.0 1.0	31.5 25.1 -41.6 48.7	0.517 0.0 1.0	0.153 0.0 1.0	31.5 25.2 -41.6 48.7	0.517 0.0 1.0
326	302	302	0.533 0.0 1.0	37.7 44.5 -29.9 53.7	0.165 0.0 1.0	31.4 25.9 -41.3 48.9	0.533 0.0 1.0	0.166 0.0 1.0	31.4 26.0 -41.3 48.9	0.533 0.0 1.0
326	303	303	0.55 0.0 1.0	37.9 45.3 -29.5 54.0	0.18 0.0 1.0	31.4 26.7 -41.0 49.0	0.55 0.0 1.0	0.18 0.0 1.0	31.4 26.7 -41.0 49.0	0.55 0.0 1.0
327	304	303	0.566 0.0 1.0	38.2 46.0 -29.0 54.4	0.194 0.0 1.0	31.3 27.5 -40.7 49.2	0.567 0.0 1.0	0.194 0.0 1.0	31.3 27.5 -40.7 49.2	0.567 0.0 1.0
328	305	304	0.583 0.0 1.0	38.4 46.7 -28.5 54.7	0.209 0.0 1.0	31.2 28.3 -40.3 49.4	0.583 0.0 1.0	0.208 0.0 1.0	31.2 28.3 -40.4 49.4	0.583 0.0 1.0
329	306	305	0.6 0.0 1.0	38.7 47.4 -28.0 55.1	0.224 0.0 1.0	31.1 29.1 -40.0 49.5	0.6 0.0 1.0	0.222 0.0 1.0	31.2 29.0 -40.0 49.5	0.6 0.0 1.0
330	307	306	0.616 0.0 1.0	38.9 48.1 -27.5 55.4	0.238 0.0 1.0	31.1 29.9 -39.6 49.7	0.617 0.0 1.0	0.235 0.0 1.0	31.1 29.8 -39.7 49.7	0.617 0.0 1.0
331	308	307	0.633 0.0 1.0	39.2 48.9 -26.9 55.8	0.252 0.0 1.0	31.1 30.7 -39.2 49.9	0.633 0.0 1.0	0.249 0.0 1.0	31.0 30.5 -39.3 49.8	0.633 0.0 1.0
332	309	308	0.65 0.0 1.0	39.6 49.8 -26.2 56.3	0.265 0.0 1.0	31.4 31.5 -38.8 50.1	0.65 0.0 1.0	0.261 0.0 1.0	31.3 31.3 -39.0 50.0	0.65 0.0 1.0
333	310	309	0.666 0.0 1.0	40.0 50.7 -25.4 56.8	0.278 0.0 1.0	31.8 32.3 -38.4 50.3	0.667 0.0 1.0	0.274 0.0 1.0	31.6 32.1 -38.6 50.2	0.667 0.0 1.0
334	311	310	0.683 0.0 1.0	40.4 51.6 -24.7 57.2	0.291 0.0 1.0	32.1 33.1 -38.0 50.5	0.683 0.0 1.0	0.286 0.0 1.0	32.0 32.8 -38.2 50.4	0.683 0.0 1.0
335	312	311	0.7 0.0 1.0	40.7 52.5 -23.9 57.7	0.304 0.0 1.0	32.4 33.9 -37.6 50.7	0.7 0.0 1.0	0.298 0.0 1.0	32.3 33.6 -37.8 50.6	0.7 0.0 1.0
336	313	312	0.716 0.0 1.0	41.1 53.4 -23.1 58.2	0.317 0.0 1.0	32.8 34.7 -37.2 50.9	0.717 0.0 1.0	0.31 0.0 1.0	32.6 34.3 -37.4 50.8	0.717 0.0 1.0
337	314	313	0.733 0.0 1.0	41.5 54.3 -22.3 58.7	0.33 0.0 1.0	33.1 35.5 -36.7 51.1	0.733 0.0 1.0	0.323 0.0 1.0	32.9 35.1 -37.0 51.0	0.733 0.0 1.0
338	315	314	0.75 0.0 1.0	41.8 55.1 -21.4 59.1	0.343 0.0 1.0	33.4 36.3 -36.2 51.4	0.75 0.0 1.0	0.335 0.0 1.0	33.2 35.8 -36.5 51.2	0.75 0.0 1.0
339	316	315	0.766 0.0 1.0	42.4 55.8 -20.9 59.6	0.356 0.0 1.0	33.8 37.1 -35.7 51.6	0.767 0.0 1.0	0.347 0.0 1.0	33.5 36.6 -36.0 51.4	0.767 0.0 1.0
340	317	316	0.783 0.0 1.0	42.9 56.5 -20.4 60.1	0.368 0.0 1.0	34.1 37.9 -35.2 51.8	0.783 0.0 1.0	0.359 0.0 1.0	33.9 37.3 -35.6 51.6	0.783 0.0 1.0
340	318	317	0.8 0.0 1.0	43.4 57.2 -19.8 60.5	0.384 0.0 1.0	34.5 38.6 -34.7 52.0	0.8 0.0 1.0	0.371 0.0 1.0	34.2 38.0 -35.1 51.8	0.8 0.0 1.0
341	319	318	0.816 0.0 1.0	43.9 57.8 -19.3 61.0	0.402 0.0 1.0	34.9 39.3 -34.1 52.1	0.817 0.0 1.0	0.387 0.0 1.0	34.6 38.8 -34.6 52.0	0.817 0.0 1.0
342	320	319	0.833 0.0 1.0	44.4 58.5 -18.7 61.4	0.42 0.0 1.0	35.3 40.1 -33.5 52.3	0.833 0.0 1.0	0.404 0.0 1.0	35.0 39.4 -34.0 52.2	0.833 0.0 1.0
342	321	320	0.85 0.0 1.0	44.9 59.1 -18.2 61.9	0.438 0.0 1.0	35.8 40.8 -32.9 52.5	0.85 0.0 1.0	0.421 0.0 1.0	35.4 40.1 -33.5 52.3	0.85 0.0 1.0
343	322	321	0.866 0.0 1.0	45.4 59.8 -17.6 62.3	0.456 0.0 1.0	36.2 41.5 -32.3 52.7	0.867 0.0 1.0	0.439 0.0 1.0	35.8 40.8 -32.9 52.5	0.867 0.0 1.0
344	323	321	0.883 0.0 1.0	45.8 60.5 -17.0 62.8	0.474 0.0 1.0	36.6 42.2 -31.7 52.8	0.883 0.0 1.0	0.456 0.0 1.0	36.2 41.5 -32.3 52.6	0.883 0.0 1.0
344	324	322	0.9 0.0 1.0	46.1 61.2 -16.4 63.4	0.492 0.0 1.0	37.1 42.9 -31.1 53.0	0.9 0.0 1.0	0.473 0.0 1.0	36.6 42.1 -31.7 52.8	0.9 0.0 1.0
345	325	323	0.916 0.0 1.0	46.5 61.9 -15.9 63.9	0.512 0.0 1.0	37.4 43.7 -30.5 53.3	0.917 0.0 1.0	0.49 0.0 1.0	37.0 42.8 -31.1 53.0	0.917 0.0 1.0
346	326	324	0.933 0.0 1.0	46.8 62.6 -15.3 64.5	0.532 0.0 1.0	37.7 44.5 -29.9 53.7	0.933 0.0 1.0	0.508 0.0 1.0	37.4 43.5 -30.6 53.2	0.933 0.0 1.0
346	327	325	0.95 0.0 1.0	47.1 63.3 -14.6 65.0	0.552 0.0 1.0	38.0 45.4 -29.4 54.1	0.95 0.0 1.0	0.527 0.0 1.0	37.6 44.3 -30.1 53.6	0.95 0.0 1.0
347	328	326	0.966 0.0 1.0	47.5 64.0 -14.0 65.5	0.572 0.0 1.0	38.3 46.2 -28.8 54.5	0.967 0.0 1.0	0.546 0.0 1.0	37.9 45.1 -29.5 54.0	0.967 0.0 1.0
348	329	327	0.983 0.0 1.0	47.8 64.7 -13.4 66.1	0.592 0.0 1.0	38.6 47.1 -28.2 54.9	0.983 0.0 1.0	0.565 0.0 1.0	38.2 46.0 -29.0 54.4	0.983 0.0 1.0
348	330	328	1.0 0.0 1.0	48.1 65.4 -12.7 66.6	0.612 0.0 1.0	38.9 47.9 -27.6 55.4	1.0 0.0 1.0	0.584 0.0 1.0	38.5 46.8 -28.4 54.8	1.0 0.0 1.0
349	331	329	1.0 0.0 0.983	48.3 65.5 -12.5 66.7	0.631 0.0 1.0	39.2 48.8 -26.9 55.8	1.0 0.0 0.983	0.603 0.0 1.0	38.8 47.6 -27.9 55.2	1.0 0.0 0.983
349	332	330	1.0 0.0 0.966	48.5 65.6 -12.2 66.7	0.646 0.0 1.0	39.6 49.6 -26.3 56.2	1.0 0.0 0.967	0.623 0.0 1.0	39.1 48.4 -27.3 55.6	1.0 0.0 0.967
349	333	331	1.0 0.0 0.95	48.7 65.7 -11.9 66.8	0.662 0.0 1.0	39.9 50.5 -25.6 56.7	1.0 0.0 0.95	0.638 0.0 1.0	39.4 49.2 -26.7 56.0	1.0 0.0 0.95
349	334	332	1.0 0.0 0.933	48.9 65.8 -11.7 66.8	0.677 0.0 1.0	40.3 51.3 -24.9 57.1	1.0 0.0 0.933	0.652 0.0 1.0	39.7 50.0 -26.0 56.4	1.0 0.0 0.933
350	335	333	1.0 0.0 0.916	49.0 65.9 -11.4 66.9	0.692 0.0 1.0	40.6 52.1 -24.2 57.5	1.0 0.0 0.917	0.667 0.0 1.0	40.0 50.8 -25.4 56.8	1.0 0.0 0.917
350	336	334	1.0 0.0 0.9	49.2 66.0 -11.1 66.9	0.708 0.0 1.0	41.0 53.0 -23.5 58.0	1.0 0.0 0.9	0.681 0.0 1.0	40.4 51.6 -24.7 57.2	1.0 0.0 0.9
350	337	335	1.0 0.0 0.883	49.4 66.1 -10.9 67.0	0.723 0.0 1.0	41.3 53.8 -22.7 58.4	1.0 0.0 0.883	0.696 0.0 1.0	40.7 52.3 -24.0 57.6	1.0 0.0 0.883
350	338	336	1.0 0.0 0.866	49.5 66.0 -10.4 66.9	0.738 0.0 1.0	41.6 54.6 -22.0 58.9	1.0 0.0 0.867	0.711 0.0 1.0	41.0 53.1 -23.3 58.1	1.0 0.0 0.867
351	339	337	1.0 0.0 0.85	49.4 65.8 -9.9 66.6	0.756 0.0 1.0	42.1 55.4 -21.2 59.4	1.0 0.0 0.85	0.725 0.0 1.0	41.3 53.9 -22.6 58.5	1.0 0.0 0.85
351	340	338	1.0 0.0 0.833	49.4 65.6 -9.3 66.3	0.78 0.0 1.0	42.8 56.4 -20.4 60.0	1.0 0.0 0.833	0.74 0.0 1.0	41.7 54.6 -21.9 58.9	1.0 0.0 0.833
352	341	339	1.0 0.0 0.816	49.4 65.4 -8.7 66.0	0.804 0.0 1.0	43.5 57.4 -19.7 60.7	1.0 0.0 0.817	0.757 0.0 1.0	42.1 55.5 -21.1 59.4	1.0 0.0 0.817
352	342	339	1.0 0.0 0.8	49.4 65.2 -8.2 65.7	0.828 0.0 1.0	44.3 58.3 -18.9 61.3	1.0 0.0 0.8	0.78 0.0 1.0	42.8 56.4 -20.4 60.0	1.0 0.0 0.8
353	343	340	1.0 0.0 0.783	49.3 65.0 -7.6 65.4	0.852 0.0 1.0	45.0 59.3 -18.0 62.0	1.0 0.0 0.783	0.802 0.0 1.0	43.5 57.3 -19.7 60.6	1.0 0.0 0.783
353	344	341	1.0 0.0 0.766	49.3 64.7 -7.1 65.1	0.877 0.0 1.0	45.7 60.2 -17.2 62.7	1.0 0.0 0.767	0.825 0.0 1.0	44.2 58.2 -19.0 61.3	1.0 0.0 0.767
354	345	342	1.0 0.0 0.75	49.3 64.5 -6.5 64.8	0.902 0.0 1.0	46.2 61.3 -16.3 63.5	1.0 0.0 0.75	0.848 0.0 1.0	44.9 59.1 -18.2 61.9	1.0 0.0 0.75

3-0031530-L0 QF890-70 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

sortie: Laser printer output; separation cmyn6*, D65, page 16/33

graphique TUB-QF89; code de teinte: H*a=G25B_d
cercle chromatique 48 paliers; tableaux rgb-LabCh*

entrée : rgb/cmyk -> rgb_d
sortie : transférer à cmyk_d

Couleur maximale dans le système colorimétrique : Laser printer output; separation cmyk*, D65 pour l'entrée et sortie; Six angles de teinte à 60 degrés couleurs standard $RYGCBM_s$; $h_{a,b,d,s} = 30.0, 90.0, 150.0, 210.0, 270.0, 330.0$;

Six angles de teinte des couleurs périphériques RYGBM _d : $h_{ab,d} = 33.5, 100.6, 155.5, 235.2, 290.8, 348.9$; Six angles de teinte des couleurs élémentaires 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}	$LAB^*_{dsx361Mi}(x=LabCh)$	$rgb^*_{ds361Mi}$	$LAB^*_{dsx361Mi}(x=LabCh)$	$rgb^*_{dd361Mi}$	$rgb^*_{de361Mi}$	$LAB^*_{dex361Mi}(x=LabCh)$	$rgb^*_{dd361Mi}$	rgb^*_{dd}	rgb^*_{ds}	rgb^*_{de}											
354	345	342	1.0	0.0	0.75	49.3	64.5	-6.5	64.8	354	0.902	0.0	1.0	46.2	61.3	-16.3	63.5	345	1.0	0.0	0.75			
355	346	343	1.0	0.0	0.733	49.1	64.2	-5.3	64.4	355	0.926	0.0	1.0	46.7	62.4	-15.5	64.3	346	1.0	0.0	0.733			
356	347	344	1.0	0.0	0.716	48.9	63.9	-4.1	64.0	356	0.951	0.0	1.0	47.2	63.4	-14.5	65.1	347	1.0	0.0	0.717			
357	348	345	1.0	0.0	0.7	48.7	63.5	-2.9	63.6	357	0.976	0.0	1.0	47.7	64.5	-13.6	65.9	348	1.0	0.0	0.7			
358	349	346	1.0	0.0	0.683	48.6	63.2	-1.8	63.2	358	1.0	0.0	0.996	48.2	65.4	-12.6	66.7	349	1.0	0.0	0.683			
359	350	347	1.0	0.0	0.666	48.4	62.8	-0.6	62.8	359	1.0	0.0	0.927	49.0	65.9	-11.5	66.9	350	1.0	0.0	0.667			
360	351	348	1.0	0.0	0.65	48.2	62.4	0.4	62.4	360	1.0	0.0	0.866	49.5	66.1	-10.4	66.9	351	1.0	0.0	0.65			
361	352	349	1.0	0.0	0.633	48.0	62.0	1.5	62.0	361	1.0	0.0	0.83	49.5	65.6	-9.1	66.3	352	1.0	0.0	0.633			
362	353	350	1.0	0.0	0.616	47.9	61.6	2.7	61.7	362	1.0	0.0	0.794	49.4	65.2	-7.9	65.6	353	1.0	0.0	0.617			
363	354	351	1.0	0.0	0.6	47.9	61.3	3.8	61.4	363	1.0	0.0	0.757	49.3	64.7	-6.7	65.0	354	1.0	0.0	0.6			
364	355	352	1.0	0.0	0.583	47.9	60.9	4.9	61.1	364	1.0	0.0	0.737	49.2	64.3	-5.5	64.6	355	1.0	0.0	0.583			
365	356	353	1.0	0.0	0.566	47.9	60.6	6.0	60.9	365	1.0	0.0	0.721	49.0	64.0	-4.4	64.2	356	1.0	0.0	0.567			
366	357	354	1.0	0.0	0.55	47.8	60.2	7.1	60.6	366	1.0	0.0	0.705	48.9	63.7	-3.2	63.8	357	1.0	0.0	0.55			
367	358	355	1.0	0.0	0.533	47.8	59.8	8.2	60.4	367	1.0	0.0	0.689	48.7	63.4	-2.1	63.4	358	1.0	0.0	0.533			
368	359	356	1.0	0.0	0.516	47.8	59.4	9.3	60.1	368	1.0	0.0	0.673	48.5	63.0	-1.0	63.0	359	1.0	0.0	0.517			
370	360	352	1.0	0.0	0.5	47.8	58.9	10.4	59.9	370	1.0	0.0	0.657	48.3	62.6	0.0	62.6	360	1.0	0.0	0.5			
371	361	353	1.0	0.0	0.483	47.7	58.7	11.6	59.9	371	1.0	0.0	0.641	48.2	62.2	1.1	62.2	361	1.0	0.0	0.483			
372	362	354	1.0	0.0	0.466	47.7	58.5	12.8	59.9	372	1.0	0.0	0.625	48.0	61.8	2.2	61.8	362	1.0	0.0	0.467			
373	363	355	1.0</																					

3-0031630-L0	QF890-70	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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sortie: Laser printer output; separation cmyn6*, D65, page 17/33

graphique TUB-QF89; code de teinte: $H^*_d=G25B_d$
cercle chromatique 48 paliers; tableaux *rgb-LabCh**

entrée : $rgb/cmyk \rightarrow rgb_d$
 sortie : transférer à $cmyk_d$

N	H	HC*	rgb*	ic*	hs*	LabCH*	rgb*	LabCH*	DF*	hs*	rgb*	LabCH*	DF*	hs*	rgb*	LabCH*
1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
31	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
32	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
33	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
34	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
35	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
36	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
37	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
38	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
39	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
40	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
41	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
42	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
43	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
44	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
46	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
47	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
48	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
49	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
50	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
51	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
52	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
53	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
54	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
55	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
56	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
57	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
58	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
59	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
60	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
61	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
62	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
63	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
64	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
65	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
66	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
67	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
68	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
69	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
70	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
71	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
72	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
73	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
74	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
75	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
76	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
77	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
78	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
79	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
80	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

voir fichiers similaires: <http://130.149.60.45/~farbmatrik/QF89/QF89.HTM>
 informations techniques: <http://www.ps.bam.de> ou <http://130.149.60.45/~farbmatrik>

N: aucune linearisation 3D (OL) dans fichier (F) ou PS-startup (S), page 21/33
http://130.149.60.45/~farbmetrik/QF89/QF89L0NA.TXT /PS; sortie de transfert

graphique TUB-QF89; code de teinte: H_d*=G25B_d

entrée : `rgb/cmyk` -> `rgb`

	HC-Fd	rgb-Fd	icr-Fd	hsa-Fd	rgb-Fd	LabCh-Fd	LabCh-Fd	rgb-Fd	LabCh-Fd	DE*Fsd	hsa-Fd	rgb-Fd	LabCh-Fd	LabCh-Fd
1	B00Y_012_0124	0.125	0.0	0.125	0.0	26.8	7.1	8.5	33.4	0.125	0.0	24.7	7.7	8.0
2	B00Y_012_0124	0.125	0.0	0.125	0.0	26.8	8.1	8.5	33.4	0.125	0.0	24.7	7.7	8.0
3	B00Y_012_0124	0.125	0.0	0.125	0.0	26.8	8.1	8.5	33.4	0.125	0.0	24.7	7.7	8.0
4	B25K_025_0254	0.125	0.0	0.125	0.0	27.1	10.7	13.2	34.9	0.125	0.0	25.7	13.6	11.1
5	B25K_025_0254	0.125	0.0	0.125	0.0	27.1	10.7	13.2	34.9	0.125	0.0	25.7	13.6	11.1
6	B25K_025_0254	0.125	0.0	0.125	0.0	27.1	10.7	13.2	34.9	0.125	0.0	25.7	13.6	11.1
7	B11R_050_0504	0.125	0.0	0.125	0.0	27.4	14.8	19.9	36.6	0.125	0.0	29.5	25.2	28.1
8	B11R_050_0504	0.125	0.0	0.125	0.0	27.4	14.8	19.9	36.6	0.125	0.0	29.5	25.2	28.1
9	B11R_050_0504	0.125	0.0	0.125	0.0	27.4	14.8	19.9	36.6	0.125	0.0	29.5	25.2	28.1
10	B00R_062_0624	0.125	0.0	0.125	0.0	28.1	11.6	15.4	30.6	0.125	0.0	30.2	27.9	27.9
11	B00R_062_0624	0.125	0.0	0.125	0.0	28.1	11.6	15.4	30.6	0.125	0.0	30.2	27.9	27.9
12	B00R_062_0624	0.125	0.0	0.125	0.0	28.1	11.6	15.4	30.6	0.125	0.0	30.2	27.9	27.9
13	B07R_075_0754	0.125	0.0	0.125	0.0	27.5	18.7	25.5	36.5	0.125	0.0	30.5	28.4	28.4
14	B07R_075_0754	0.125	0.0	0.125	0.0	27.5	18.7	25.5	36.5	0.125	0.0	30.5	28.4	28.4
15	B07R_075_0754	0.125	0.0	0.125	0.0	27.5	18.7	25.5	36.5	0.125	0.0	30.5	28.4	28.4
16	B00R_087_0874	0.125	0.0	0.125	0.0	30.6	21.1	28.4	39.8	0.125	0.0	31.6	29.6	29.6
17	B00R_087_0874	0.125	0.0	0.125	0.0	30.6	21.1	28.4	39.8	0.125	0.0	31.6	29.6	29.6
18	B00R_087_0874	0.125	0.0	0.125	0.0	30.6	21.1	28.4	39.8	0.125	0.0	31.6	29.6	29.6
19	B00R_100_1004	0.125	0.0	0.125	0.0	31.6	23.1	31.9	42.4	0.125	0.0	32.9	40.2	40.2
20	B00R_100_1004	0.125	0.0	0.125	0.0	31.6	23.1	31.9	42.4	0.125	0.0	32.9	40.2	40.2
21	Y00C_012_0124	0.125	0.0	0.125	0.0	32.3	19.0	25.5	40.7	0.125	0.0	33.9	42.4	42.4
22	Y00C_012_0124	0.125	0.0	0.125	0.0	32.3	19.0	25.5	40.7	0.125	0.0	33.9	42.4	42.4
23	Y00C_012_0124	0.125	0.0	0.125	0.0	32.3	19.0	25.5	40.7	0.125	0.0	33.9	42.4	42.4
24	B00R_025_0124	0.125	0.0	0.125	0.0	33.9	2.0	5.9	29.0	0.125	0.0	35.0	40.7	40.7
25	B00R_025_0124	0.125	0.0	0.125	0.0	33.9	2.0	5.9	29.0	0.125	0.0	35.0	40.7	40.7
26	B00R_025_0124	0.125	0.0	0.125	0.0	33.9	2.0	5.9	29.0	0.125	0.0	35.0	40.7	40.7
27	B00R_037_0374	0.125	0.0	0.125	0.0	35.0	4.2	11.1	31.9	0.125	0.0	36.1	42.4	42.4
28	B00R_037_0374	0.125	0.0	0.125	0.0	35.0	4.							

voir fichiers similaires: <http://130.149.60.45/~farbmatrik/QF89/QF89.HTM>
 informations techniques: <http://www.ps.bam.de> ou <http://130.149.60.45/~farbmatrik>

N: aucune linearisation 3D (OL) dans fichier (F) ou PS-startup (S), page 22/33
<http://130.149.60.45/~farbmatrik/QF89/QF89L0NA.TXT> / PS; sortie de transfert

graphique TUB-QF89; code de teinte: H_d*=G25B_d

entrée : *rgb/cmyk* –> *rgb*
sortie : transférer à *cmyk*

	HIC ⁺ Fd	rgb ⁺ Fd	icL ⁺ Fd	hs ⁺ Fd	rgb ⁺ Fd	LobCH ⁺ Fd	rgb ⁺ Fd	DE ⁺ Fd	hs ⁺ Ld	rgb ⁺ Fd	LobCH ⁺ Md	n
162	ROXY_025_025d	0.25	0.0	0.125	360	0.0	29.7	14.3	9.4	33.4	0.0	17.1
163	ROXY_025_025d	0.25	0.0	0.125	298	14.7	2.6	14.9	10.0	10.0	0.0	17.1
164	B3AR_025_025d	0.25	0.0	0.125	390	16.3	-3.1	16.6	348.9	0.0	0.0	17.1
165	B3AR_025_025d	0.25	0.0	0.125	390	16.3	-3.1	16.6	348.9	0.0	0.0	17.1
166	B3AR_025_025d	0.25	0.0	0.125	390	16.3	-3.1	16.6	348.9	0.0	0.0	17.1
167	B3AR_025_025d	0.25	0.0	0.125	390	16.3	-3.1	16.6	348.9	0.0	0.0	17.1
168	B3AR_025_025d	0.25	0.0	0.125	390	16.3	-3.1	16.6	348.9	0.0	0.0	17.1
169	B3AR_025_025d	0.25	0.0	0.125	390	16.3	-3.1	16.6	348.9	0.0	0.0	17.1
170	B3AR_025_025d	0.25	0.0	0.125	390	16.3	-3.1	16.6	348.9	0.0	0.0	17.1
171	B3AR_025_025d	0.25	0.0	0.125	390	16.3	-3.1	16.6	348.9	0.0	0.0	17.1
172	B3AR_025_025d	0.25	0.0	0.125	390	16.3	-3.1	16.6	348.9	0.0	0.0	17.1
173	B3AR_025_025d	0.25	0.0	0.125	390	16.3	-3.1	16.6	348.9	0.0	0.0	17.1
174	B3AR_025_025d	0.25	0.0	0.125	390	16.3	-3.1	16.6	348.9	0.0	0.0	17.1
175	B3AR_025_025d	0.25	0.0	0.125	390	16.3	-3.1	16.6	348.9	0.0	0.0	17.1
176	B3AR_025_025d	0.25	0.0	0.125	390	16.3	-3.1	16.6	348.9	0.0	0.0	17.1
177	B3AR_025_025d	0.25	0.0	0.125	390	16.3	-3.1	16.6	348.9	0.0	0.0	17.1
178	B3AR_025_025d	0.25	0.0	0.125	390	16.3	-3.1	16.6	348.9	0.0	0.0	17.1
179	B3AR_025_025d	0.25	0.0	0.125	390	16.3	-3.1	16.6	348.9	0.0	0.0	17.1
180	B3AR_025_025d	0.25	0.0	0.125	390	16.3	-3.1	16.6	348.9	0.0	0.0	17.1
181	B3AR_025_025d	0.25	0.0	0.125	390	16.3	-3.1	16.6	348.9	0.0	0.0	17.1
182	B3AR_025_025d	0.25	0.0	0.125	390	16.3	-3.1	16.6	348.9	0.0	0.0	17.1
183	B3AR_025_025d	0.25	0.0	0.125	390	16.3	-3.1	16.6	348.9	0.0	0.0	17.1
184	B3AR_025_025d	0.25	0.0	0.125	390	16.3	-3.1	16.6	348.9	0.0	0.0	17.1
185	B3AR_025_025d	0.25	0.0	0.125	390	16.3	-3.1	16.6	348.9	0.0	0.0	17.1
186	B3AR_025_025d	0.25	0.0	0.125	390	16.3	-3.1	16.6	348.9	0.0	0.0	17.1
187	B3AR_025_025d	0.25	0.0	0.125	390	16.3	-3.1	16.6	348.9	0.0	0.0	17.1
188	B3AR_025_025d	0.25	0.0	0.125	390	16.3	-3.1	16.6	348.9	0.0	0.0	17.1
189	B3AR_025_025d	0.25	0.0	0.125	390	16.3	-3.1	16.6	348.9	0.0	0.0	17.1
190	B3AR_025_025d	0.25	0.0	0.125	390	16.3	-3.1	16.6	348.9	0.0	0.0	17.1
191	B3AR_025_025d	0.25	0.0	0.125	390	16.3	-3.1	16.6	348.9	0.0	0.0	17.1
192	B3AR_025_025d	0.25	0.0	0.125	390	16.3	-3.1	16.6	348.9	0.0	0.0	17.1
193	B3AR_025_025d	0.25	0.0	0.125	390	16.3	-3.1	16.6	348			

voir fichiers similaires: <http://130.149.60.45/~farbmatrik/QF89/QF89.HTM>
 informations techniques: <http://www.ps.bam.de> ou <http://130.149.60.45/~farbmatrik>

N: aucune linearisation 3D (OL) dans fichier (F) ou PS-startup (S), page 26/33
<http://130.149.60.45/~farbmatrik/QF89/QF89L0NA.TXT> /PS; sortie de transfert

graphique TUB-QF89; code de teinte: H^{*}_d=G25Bd

entrée : *rgb/cmyk* -> *rgb*_d
sortie : transférer à *cmyk*_d

[illegible]

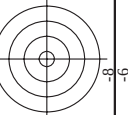
N: aucune linearisation 3D (OL) dans fichier (F) ou PS-startup (S), page 27/33
http://130.149.60.45/~farbmatrik/QF89/QF89LONA.TXT /PS; sortie de transfert

graphique TUB-QF89; code de teinte: H_d*=G25B_d

entrée : *rgb/cmyk* -> *rgb*_d
sortie : transférer à *cmyk*_d

graphique TUB-QF89; co-
sultats et différences ΔE^* ,

voir fichiers similaires: <http://130.149.60.45/~farbmetrik/QF89/QF89.HTM>
 informations techniques: <http://www.ps.bam.de> ou <http://130.149.60.45/~farbmetrik>



voir fichiers similaires: <http://130.149.60.45/~farbmatrik/QF89/QF89.HTM>
 informations techniques: <http://www.ps.bam.de> ou <http://130.149.60.45/~farbmatrik>

entrée : *rgb/cmyk* -> *rgb*_d
sortie : transférer à *cmyk*_d

graph
coule

[illegible]

voir fichiers similaires: <http://130.149.60.45/~farbmatrik/QF89/QF89.HTM>
 informations techniques: <http://www.ps.bam.de> ou <http://130.149.60.45/~farbmatrik>

N: aucune linearisation 3D (OL) dans fichier (F) ou PS-startup (S), page 30/33
http://130.149.60.45/~farbmeterik/QF89/QF89L0NA.TXT /PS; sortie de transfert

graphique TUB-QF89; code de teinte: H_d=G25B_d

entrée : *rgb/cmyk* → *rgb*_d
 sortie : transférer à *cmyk*_d

[illegible]



TUB matériel: code=rha4ta
 aration cmyn6 (CMYK)

N: aucune linearisation 3D (OL) dans fichier (F) ou PS-startup (S), page 31/33

[illegible]

entrée : *rgb/cmyk* - > *rgb*_d
 sortie : transférer à *cmyk*_d

graphique TUB-QF89; code de teinte: H*d=G25Bd

graph:
couleur: C

voir fichiers similaires: <http://130.149.60.45/~farbmetrik/QF89/QF89.HTM>
 informations techniques: <http://www.ps.bam.de> ou <http://130.149.60.45/~farbmetrik>

http://130.149.60.45/~farbmetrik/QF89/QF89L0NA.TXT /PS; sortie de transfert
N: aucune linearisation 3D (OL) dans fichier (F) ou PS-startup (S), page 32/33

n	H* _C *F _d	rgb_F _d	ic_F _d	hs_F _d	LabC ^h *F _d	rgb ^h *F _d	LabC ^h *F _d	DF ^h *F _d	h _{AN} *d	rgb ^h *M _d	LabC ^h *M _d
972	NW 0004	0.0	0.0	0.0	0.0	0.0	22.5	0.0	49.6	0.0	95.8
973	NW 0124	0.125	0.125	0.125	0.0	0.125	0.125	0.0	5.3	1.0	1.0
974	NW 0254	0.25	0.25	0.25	0.0	0.25	0.25	0.0	272.9	1.0	1.0
975	NW 0374	0.375	0.375	0.375	0.0	0.375	0.375	0.0	266.3	1.0	1.0
976	NW 0504	0.5	0.5	0.5	0.0	0.5	0.5	0.0	1.2	1.0	1.0
977	NW 0624	0.625	0.625	0.625	0.0	0.625	0.625	0.0	268.6	1.0	1.0
978	NW 0754	0.75	0.75	0.75	0.0	0.75	0.75	0.0	3.5	1.0	1.0
979	NW 0874	0.875	0.875	0.875	0.0	0.875	0.875	0.0	266.4	1.0	1.0
980	NW 1004	1.0	1.0	1.0	0.0	1.0	1.0	0.0	4.6	1.0	1.0
981	NW 0004	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	1.0	1.0
982	NW 0124	0.125	0.125	0.125	0.0	0.125	0.125	0.0	31.4	1.0	1.0
983	NW 0254	0.25	0.25	0.25	0.0	0.25	0.25	0.0	3.1	1.0	1.0
984	NW 0374	0.375	0.375	0.375	0.0	0.375	0.375	0.0	273.4	1.0	1.0
985	NW 0504	0.5	0.5	0.5	0.0	0.5	0.5	0.0	1.7	1.0	1.0
986	NW 0624	0.625	0.625	0.625	0.0	0.625	0.625	0.0	268.0	1.0	1.0
987	NW 0754	0.75	0.75	0.75	0.0	0.75	0.75	0.0	1.2	1.0	1.0
988	NW 0874	0.875	0.875	0.875	0.0	0.875	0.875	0.0	269.0	1.0	1.0
989	NW 1004	1.0	1.0	1.0	0.0	1.0	1.0	0.0	4.1	1.0	1.0
990	NW 0004	0.0	0.0	0.0	0.0	0.0	0.0	0.0	268.3	1.0	1.0
991	NW 0124	0.125	0.125	0.125	0.0	0.125	0.125	0.0	5.1	1.0	1.0
992	NW 0254	0.25	0.25	0.25	0.0	0.25	0.25	0.0	3.9	1.0	1.0
993	NW 0374	0.375	0.375	0.375	0.0	0.375	0.375	0.0	2.1	1.0	1.0
994	NW 0504	0.5	0.5	0.5	0.0	0.5	0.5	0.0	1.1	1.0	1.0
995	NW 0624	0.625	0.625	0.625	0.0	0.625	0.625	0.0	270.4	1.0	1.0
996	NW 0754	0.75	0.75	0.75	0.0	0.75	0.75	0.0	1.5	1.0	1.0
997	NW 0874	0.875	0.875	0.875	0.0	0.875	0.875	0.0	3.8	1.0	1.0
998	NW 1004	1.0	1.0	1.0	0.0	1.0	1.0	0.0	4.3	1.0	1.0
999	NW 0004	0.0	0.0	0.0	0.0	0.0	0.0	0.0	269.6	1.0	1.0
1000	NW 0124	0.125	0.125	0.125	0.0	0.125	0.125	0.0	3.2	1.0	1.0
1001	NW 0254	0.25	0.25	0.25	0.0	0.25	0.25	0.0	5.1	1.0	1.0
1002	NW 0374	0.375	0.375	0.375	0.0	0.375	0.375	0.0	6.8	1.0	1.0
1003	NW 0504	0.5	0.5	0.5	0.0	0.5	0.5	0.0	2.4	1.0	1.0
1004	NW 0624	0.625	0.625	0.625	0.0	0.625	0.625	0.0	1.2	1.0	1.0
1005	NW 0754	0.75	0.75	0.75	0.0	0.75	0.75	0.0	3.5	1.0	1.0
1006	NW 0874	0.875	0.875	0.875	0.0	0.875	0.875	0.0	2.0	1.0	1.0
1007	NW 1004	1.0	1.0	1.0	0.0	1.0	1.0	0.0	4.9	1.0	1.0
1008	NW 0004	0.0	0.0	0.0	0.0	0.0	0.0	0.0	8.4	1.0	1.0
1009	NW 0124	0.125	0.125	0.125	0.0	0.125	0.125	0.0	6.9	1.0	1.0
1010	NW 0254	0.25	0.25	0.25	0.0	0.25	0.25	0.0	8.8	1.0	1.0
1011	NW 0374	0.375	0.375	0.375	0.0	0.375	0.375	0.0	5.1	1.0	1.0
1012	NW 0504	0.5	0.5	0.5	0.0	0.5	0.5	0.0	2.0	1.0	1.0
1013	NW 0624	0.625	0.625	0.625	0.0	0.625	0.625	0.0	2.8	1.0	1.0
1014	NW 0754	0.75	0.75	0.75	0.0	0.75	0.75	0.0	1.4	1.0	1.0
1015	NW 0874	0.875	0.875	0.875	0.0	0.875	0.875	0.0	2.4	1.0	1.0
1016	NW 1004	1.0	1.0	1.0	0.0	1.0	1.0	0.0	2.6	1.0	1.0
1017	NW 0004	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.1	1.0	1.0
1018	NW 0124	0.125	0.125	0.125	0.0	0.125	0.125	0.0	2.6	1.0	1.0
1019	NW 0254	0.25	0.25	0.25	0.0	0.25	0.25	0.0	3.4	1.0	1.0
1020	NW 0374	0.375	0.375	0.375	0.0	0.375	0.375	0.0	3.5	1.0	1.0
1021	NW 0504	0.5	0.5	0.5	0.0	0.5	0.5	0.0	2.7	1.0	1.0
1022	NW 0624	0.625	0.625	0.625	0.0	0.625	0.625	0.0	4.3	1.0	1.0
1023	NW 0754	0.75	0.75	0.75	0.0	0.75	0.75	0.0	3.9	1.0	1.0
1024	NW 0874	0.875	0.875	0.875	0.0	0.875	0.875	0.0	2.1	1.0	1.0
1025	NW 1004	1.0	1.0	1.0	0.0	1.0	1.0	0.0	3.1	1.0	1.0
1026	NW 0004	0.0	0.0	0.0	0.0	0.0	0.0	0.0	6.8	1.0	1.0
1027	NW 0124	0.125	0.125	0.125	0.0	0.125	0.125	0.0	5.2	1.0	1.0
1028	NW 0254	0.25	0.25	0.25	0.0	0.25	0.25	0.0	1.2	1.0	1.0
1029	NW 0374	0.375	0.375	0.375	0.0	0.375	0.375	0.0	4.2	1.0	1.0
1030	NW 0504	0.5	0.5	0.5	0.0	0.5	0.5	0.0	1.3	1.0	1.0
1031	NW 0624	0.625	0.625	0.625	0.0	0.625	0.625	0.0	2.3	1.0	1.0
1032	NW 0754	0.75	0.75	0.75	0.0	0.75	0.75	0.0	2.2	1.0	1.0
1033	NW 0874	0.875	0.875	0.875	0.0	0.875	0.875	0.0	5.4	1.0	1.0
1034	NW 1004	1.0	1.0	1.0	0.0	1.0	1.0	0.0	2.7	1.0	1.0
1035	NW 0004	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.6	1.0	1.0
1036	NW 0124	0.125	0.125	0.125	0.0	0.125	0.125	0.0	4.1	1.0	1.0
1037	NW 0254	0.25	0.25	0.25	0.0	0.25	0.25	0.0	3.8	1.0	1.0
1038	NW 0374	0.375	0.375	0.375	0.0	0.375	0.375	0.0	4.3	1.0	1.0
1039	NW 0504	0.5	0.5	0.5	0.0	0.5	0.5	0.0	3.9	1.0	1.0
1040	NW 0624	0.625	0.625	0.625	0.0	0.625	0.625	0.0	2.6	1.0	1.0
1041	NW 0754	0.75	0.75	0.75	0.0	0.75	0.75	0.0	6.4	1.0	1.0
1042	NW 0874	0.875	0.875	0.875	0.0	0.875	0.875	0.0	3.9	1.0	1.0
1043	NW 1004	1.0	1.0	1.0	0.0	1.0	1.0	0.0	1.1	1.0	1.0
1044	NW 0004	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.6	1.0	1.0
1045	NW 0124	0.125	0.125	0.125	0.0	0.125	0.125	0.0	1.4	1.0	1.0
1046	NW 0254	0.25	0.25	0.25	0.0	0.25	0.25	0.0	2.0	1.0	1.0
1047	NW 0374	0.375	0.375	0.375	0.0	0.375	0.375	0.0	3.6	1.0	1.0
1048	NW 0504	0.5	0.5	0.5	0.0	0.5	0.5	0.0	1.9	1.0	1.0
1049	NW 0624	0.625	0.625	0.625	0.0	0.625	0.625	0.0	2.2	1.0	1.0
1050	NW 0754	0.75	0.75	0.75	0.0	0.75	0.75	0.0	3.7	1.0	1.0
1051	NW 0874	0.875	0.875	0.875	0.0	0.875	0.875	0.0	4.5	1.0	1.0
1052	NW 1004	1.0	1.0	1.0	0.0	1.0	1.0	0.0	2.3	1.0	1.0

3-0033130-F0 QF890-7N, 32/33-F

graphique TUB-QF89; code de teinte: H*d=G25Bd
couleurs et différences, ΔE*

entrée : rgb/cmyk -> rgba
sortie : transférer à cmykd

TUB enregistrement: 20130201-QF89/QF89L0NA.TXT /PS TUB matériel: code=rha4ta
application pour la mesure des sorties sur imprimante laser, séparation cmyk6 (CMYK)

n	HIC*Fd	rgb_Fd	ic*_Fd	h*_Fd	rgb*_Fd	LabCh*_Fd	LabCh*_Fd	DE*_Fd	rgb*_Md	LabCh*_Md	DE*_Md
1053	NW_086q	0.866 0.866 0.866	0.866 0.866 0.866	360 360 360	0.866 0.866 0.866	90.6 0.0 0.0	90.6 0.0 0.0	266.5 4.4	1.0 1.0 1.0	95.8 0.0 0.0	0.0 0.0 0.0
1054	NW_093d	0.933 0.933 0.933	0.933 0.933 0.933	360 360 360	0.933 0.933 0.933	94.4 0.0 0.0	94.4 0.0 0.0	278.1 3.4	1.0 1.0 1.0	95.8 0.0 0.0	0.0 0.0 0.0
1055	NW_100d	1.0 1.0 1.0	1.0 1.0 1.0	360 360 360	1.0 1.0 1.0	95.8 0.0 0.0	95.8 0.0 0.0	152.8 0.0	1.0 1.0 1.0	95.8 0.0 0.0	0.0 0.0 0.0
1056	NW_006q	0.066 0.066 0.066	0.066 0.066 0.066	360 360 360	0.066 0.066 0.066	21.5 0.1 0.1	21.5 0.1 0.1	83.2 5.6	1.0 1.0 1.0	95.8 0.0 0.0	0.0 0.0 0.0
1057	NW_013q	0.133 0.133 0.133	0.133 0.133 0.133	360 360 360	0.133 0.133 0.133	28.9 0.0 0.0	28.9 0.0 0.0	48.9 7.0	1.0 1.0 1.0	95.8 0.0 0.0	0.0 0.0 0.0
1058	NW_020q	0.2 0.2 0.2	0.2 0.2 0.2	360 360 360	0.2 0.2 0.2	37.3 0.0 0.0	37.3 0.0 0.0	268.2 4.4	1.0 1.0 1.0	95.8 0.0 0.0	0.0 0.0 0.0
1059	NW_026q	0.266 0.266 0.266	0.266 0.266 0.266	360 360 360	0.266 0.266 0.266	44.2 0.0 0.0	44.2 0.0 0.0	269.1 1.7	1.0 1.0 1.0	95.8 0.0 0.0	0.0 0.0 0.0
1060	NW_033d	0.333 0.333 0.333	0.333 0.333 0.333	360 360 360	0.333 0.333 0.333	49.9 0.0 0.0	49.9 0.0 0.0	273.2 1.4	1.0 1.0 1.0	95.8 0.0 0.0	0.0 0.0 0.0
1061	NW_040d	0.4 0.4 0.4	0.4 0.4 0.4	360 360 360	0.4 0.4 0.4	53.8 0.0 0.0	53.8 0.0 0.0	273.2 1.4	1.0 1.0 1.0	95.8 0.0 0.0	0.0 0.0 0.0
1062	NW_046q	0.466 0.466 0.466	0.466 0.466 0.466	360 360 360	0.466 0.466 0.466	59.7 0.0 0.0	59.7 0.0 0.0	268.8 3.2	1.0 1.0 1.0	95.8 0.0 0.0	0.0 0.0 0.0
1063	NW_053d	0.533 0.533 0.533	0.533 0.533 0.533	360 360 360	0.533 0.533 0.533	65.4 0.0 0.0	65.4 0.0 0.0	271.9 3.8	1.0 1.0 1.0	95.8 0.0 0.0	0.0 0.0 0.0
1064	NW_059q	0.597 0.597 0.597	0.597 0.597 0.597	360 360 360	0.597 0.597 0.597	71.7 0.0 0.0	71.7 0.0 0.0	268.8 3.2	1.0 1.0 1.0	95.8 0.0 0.0	0.0 0.0 0.0
1065	NW_066q	0.666 0.666 0.666	0.666 0.666 0.666	360 360 360	0.666 0.666 0.666	75.5 0.0 0.0	75.5 0.0 0.0	271.9 3.8	1.0 1.0 1.0	95.8 0.0 0.0	0.0 0.0 0.0
1066	NW_073d	0.734 0.734 0.734	0.734 0.734 0.734	360 360 360	0.734 0.734 0.734	80.8 0.0 0.0	80.8 0.0 0.0	265.0 4.1	1.0 1.0 1.0	95.8 0.0 0.0	0.0 0.0 0.0
1067	NW_080q	0.8 0.8 0.8	0.8 0.8 0.8	360 360 360	0.8 0.8 0.8	85.3 0.0 0.0	85.3 0.0 0.0	279.5 3.9	1.0 1.0 1.0	95.8 0.0 0.0	0.0 0.0 0.0
1068	NW_086q	0.866 0.866 0.866	0.866 0.866 0.866	360 360 360	0.866 0.866 0.866	90.2 0.0 0.0	90.2 0.0 0.0	252.2 4.0	1.0 1.0 1.0	95.8 0.0 0.0	0.0 0.0 0.0
1069	NW_093d	0.933 0.933 0.933	0.933 0.933 0.933	360 360 360	0.933 0.933 0.933	94.2 0.0 0.0	94.2 0.0 0.0	289.2 3.2	1.0 1.0 1.0	95.8 0.0 0.0	0.0 0.0 0.0
1070	NW_100d	1.0 1.0 1.0	1.0 1.0 1.0	360 360 360	1.0 1.0 1.0	95.8 0.0 0.0	95.8 0.0 0.0	331.9 0.1	1.0 1.0 1.0	95.8 0.0 0.0	0.0 0.0 0.0
1071	NW_006q	0.066 0.066 0.066	0.066 0.066 0.066	360 360 360	0.066 0.066 0.066	19.2 0.1 0.1	19.2 0.1 0.1	58.1 4.6	1.0 1.0 1.0	95.8 0.0 0.0	0.0 0.0 0.0
1072	NW_013q	0.133 0.133 0.133	0.133 0.133 0.133	360 360 360	0.133 0.133 0.133	23.8 0.0 0.0	23.8 0.0 0.0	284.6 0.2	1.0 1.0 1.0	95.8 0.0 0.0	0.0 0.0 0.0
1073	NW_020q	0.2 0.2 0.2	0.2 0.2 0.2	360 360 360	0.2 0.2 0.2	31.1 0.0 0.0	31.1 0.0 0.0	35.5 2.6	1.0 1.0 1.0	95.8 0.0 0.0	0.0 0.0 0.0
1074	ROXY_100_100d	1.0 1.0 1.0	1.0 1.0 1.0	360 360 360	1.0 1.0 1.0	95.8 0.0 0.0	95.8 0.0 0.0	234.0 2.1	1.0 1.0 1.0	95.8 0.0 0.0	0.0 0.0 0.0
1075	G50B_100_100d	0.0 0.0 0.0	0.0 0.0 0.0	360 360 360	0.0 0.0 0.0	53.1 0.0 0.0	53.1 0.0 0.0	100.5 1.5	1.0 1.0 1.0	95.8 0.0 0.0	0.0 0.0 0.0
1076	Y06C_100_100d	1.0 1.0 1.0	1.0 1.0 1.0	360 360 360	1.0 1.0 1.0	95.8 0.0 0.0	95.8 0.0 0.0	295.7 4.7	1.0 1.0 1.0	95.8 0.0 0.0	0.0 0.0 0.0
1077	B00R_100_100d	0.0 0.0 0.0	0.0 0.0 0.0	360 360 360	0.0 0.0 0.0	54.3 0.0 0.0	54.3 0.0 0.0	167.6 30.8	1.0 1.0 1.0	95.8 0.0 0.0	0.0 0.0 0.0
1078	B00R_100_100d	0.0 0.0 0.0	0.0 0.0 0.0	360 360 360	0.0 0.0 0.0	54.3 0.0 0.0	54.3 0.0 0.0	167.6 30.8	1.0 1.0 1.0	95.8 0.0 0.0	0.0 0.0 0.0
1079	B50R_100_100d	1.0 1.0 1.0	1.0 1.0 1.0	360 360 360	1.0 1.0 1.0	95.8 0.0 0.0	95.8 0.0 0.0	348.3 12.7	1.0 1.0 1.0	95.8 0.0 0.0	0.0 0.0 0.0

delta E* = 3.0

voir fichiers similaires: <http://130.149.60.45/~farbmetrik/QF89/QF89.HTM>
informations techniques: <http://www.ps.bam.de> ou <http://130.149.60.45/~farbmetrik>

entrée : rgb/cmyk -> rgba
sortie : transférer à cmykd

graphique TUB-QF89; code de teinte: H*d=G25Bd
couleurs et différences, ΔE^*

voir fichiers similaires: <http://130.149.60.45/~farbmetrik/QF89/QF89L0NA.TXT> / .PS
informations techniques: <http://www.ps.bam.de> ou <http://130.149.60.45/~farbmetrik>

Entrée et sortie: Système Printer Reflective FRS06a pour la teinte CIELAB relative $h_{ab,a,rel} = h_{ab}/360 = 190/360 = 0.52$

Données de couleurs périphériques (d)

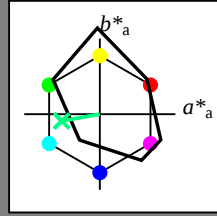
ou élémentaires (e):

HIC^*

code de teinte pour les couleurs de cette page:

$H^*_- = G25B_-$

triangle de luminosité T^*



FRS06a; données CIELAB (a) adaptées

nom	$L^*=L^*_a a^*_a$	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

Les données de couleur maximale (Ma):

$LabCh^*_{-,Ma}$: 59 -50 -9 51 190

$HIC^*_{-,Ma}$: G25B_100_100

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

0.0 1.0 0.5 1.0 1.0

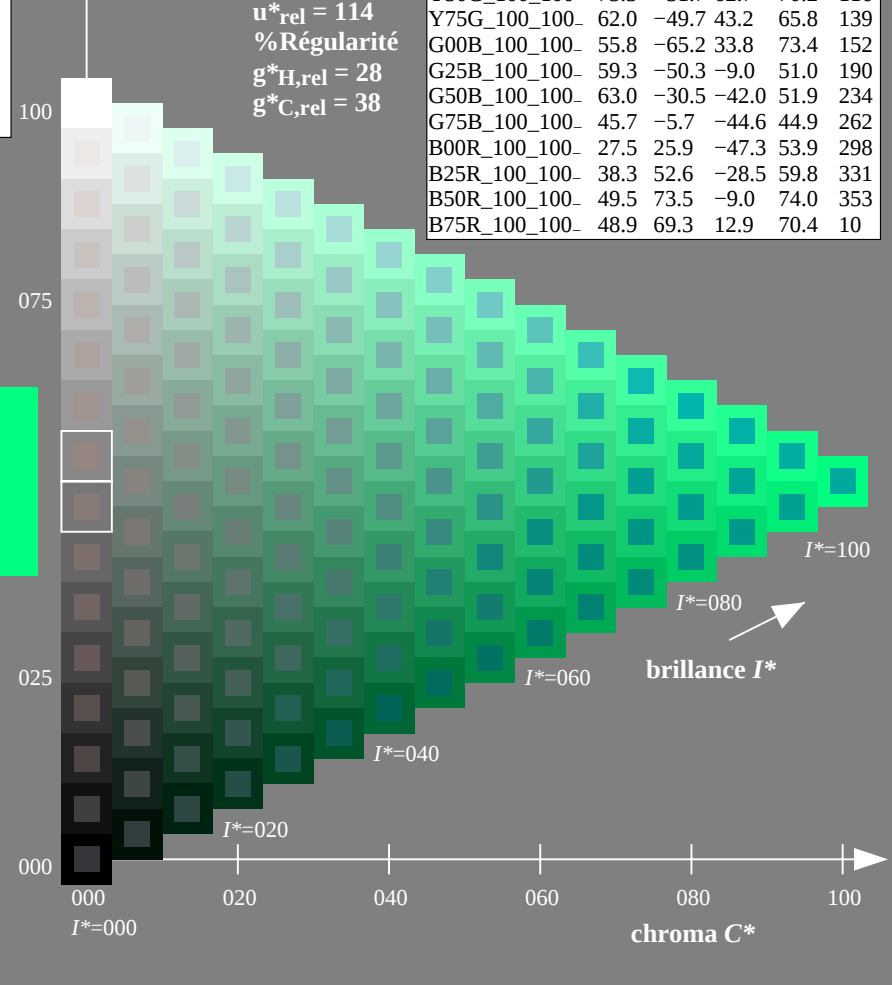
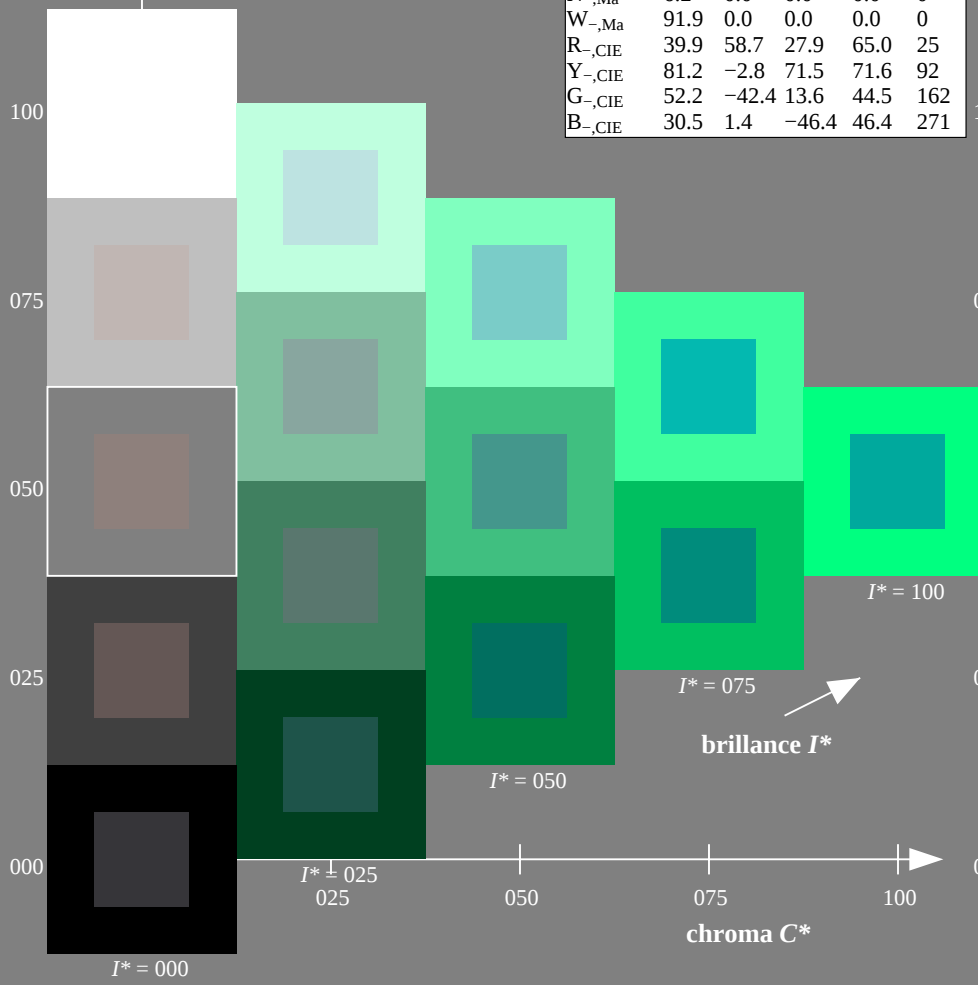
triangle de luminosité T^*

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

$H^*_- = G25B_-$

ORS20a; données CIELAB (a) adaptées

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



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graphique TUB-QF89; code de teinte: $H^*_- = G25B_-$
graphique conforme à DIN 33872, 3D=0, de=1, cmyk

entrée : $rgb/cmyk \rightarrow rgb/cmyk$
sortie : aucun changement

TUB enregistrement: 20130201-QF89/QF89L0NA.TXT / .PS
application pour la mesure des sorties sur imprimante laser

TUB matériel: code=rha4ta

voir fichiers similaires: <http://130.149.60.45/~farbmetrik/QF89/QF89L0NA.TXT> / .PS
informations techniques: <http://www.ps.bam.de> ou <http://130.149.60.45/~farbmetrik>

Entrée et sortie: Système Printer Reflective FRS06a pour la teinte CIELAB relative $h_{ab,a,rel} = h_{ab}/360 = 189/360 = 0.52$

$H^*_e = G25B_e$

Données de couleurs périphériques (d)

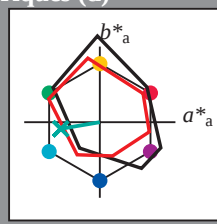
ou élémentaires (e):

HIC^*_e

code de teinte pour les couleurs de cette page:

$H^*_e = G25B_e$

triangle de luminosité T^*



LRS18a; données CIELAB (a) adaptées

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

Les données de couleur maximale (Ma):

$LabCh^*_{e,Ma}$: 55 -51 -8 52 189

$HIC^*_{e,Ma}$: G25B_100_100_e

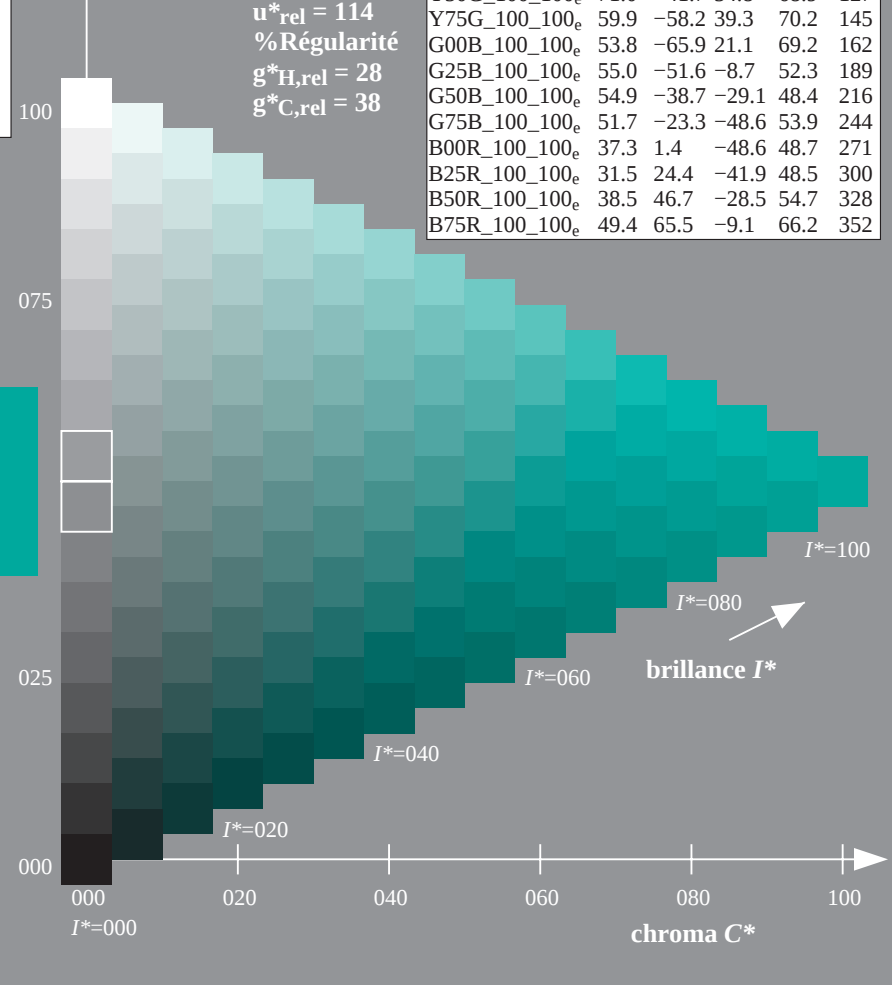
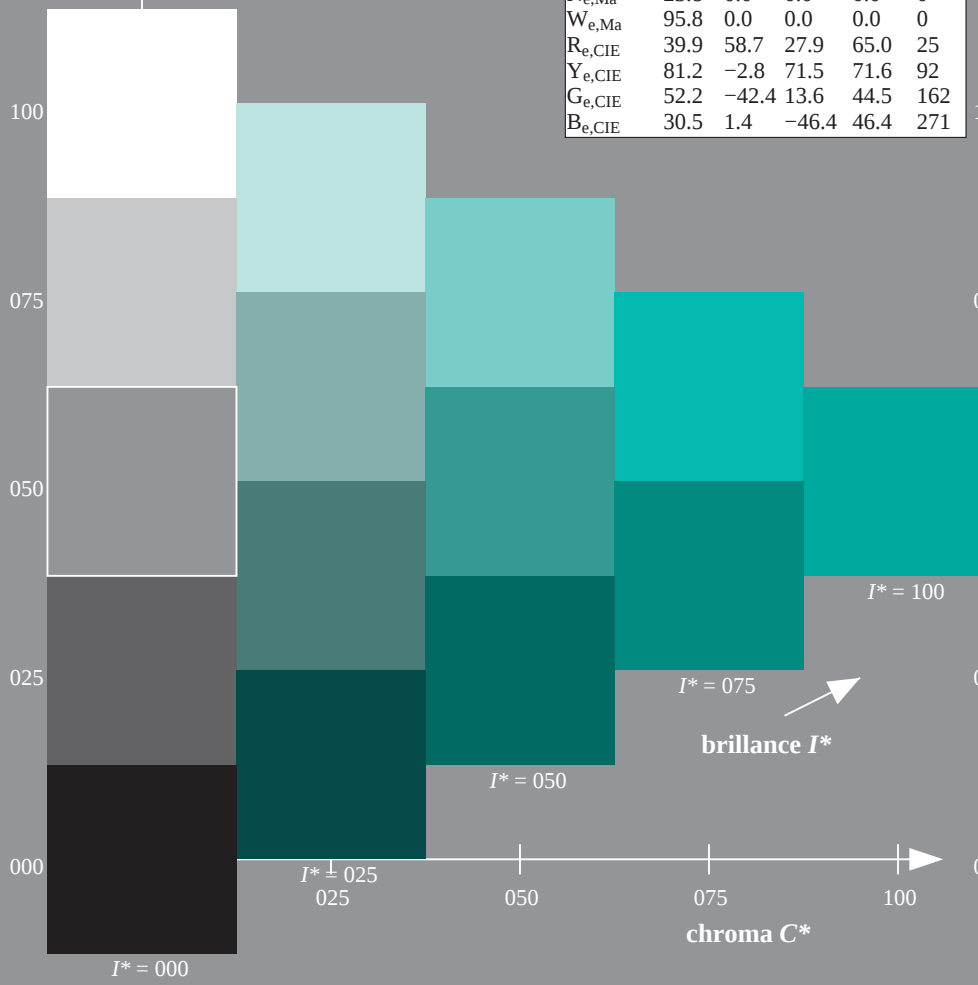
$rgbic^*_{e,Ma}$:

0.0 1.0 0.49 1.0 1.0

triangle de luminosité T^*

LRS18a; données CIELAB (a) adaptées

H^*_e	$L^*=L^*_a a^*_a$	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
$R00Y_{100_100_e}$	47.5	56.0	26.7	62.1
$R25Y_{100_100_e}$	51.4	54.8	47.7	72.6
$R50Y_{100_100_e}$	61.8	35.2	58.4	68.2
$R75Y_{100_100_e}$	72.3	16.1	68.2	70.1
$Y00G_{100_100_e}$	83.6	-3.1	76.8	76.9
$Y25G_{100_100_e}$	85.8	-26.4	78.5	82.9
$Y50G_{100_100_e}$	71.0	-41.7	54.8	68.9
$Y75G_{100_100_e}$	59.9	-58.2	39.3	70.2
$G00B_{100_100_e}$	53.8	-65.9	21.1	69.2
$G25B_{100_100_e}$	55.0	-51.6	-8.7	52.3
$G50B_{100_100_e}$	54.9	-38.7	-29.1	48.4
$G75B_{100_100_e}$	51.7	-23.3	-48.6	53.9
$B00R_{100_100_e}$	37.3	1.4	-48.6	48.7
$B25R_{100_100_e}$	31.5	24.4	-41.9	48.5
$B50R_{100_100_e}$	38.5	46.7	-28.5	54.7
$B75R_{100_100_e}$	49.4	65.5	-9.1	66.2



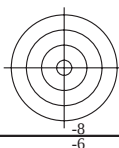
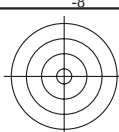
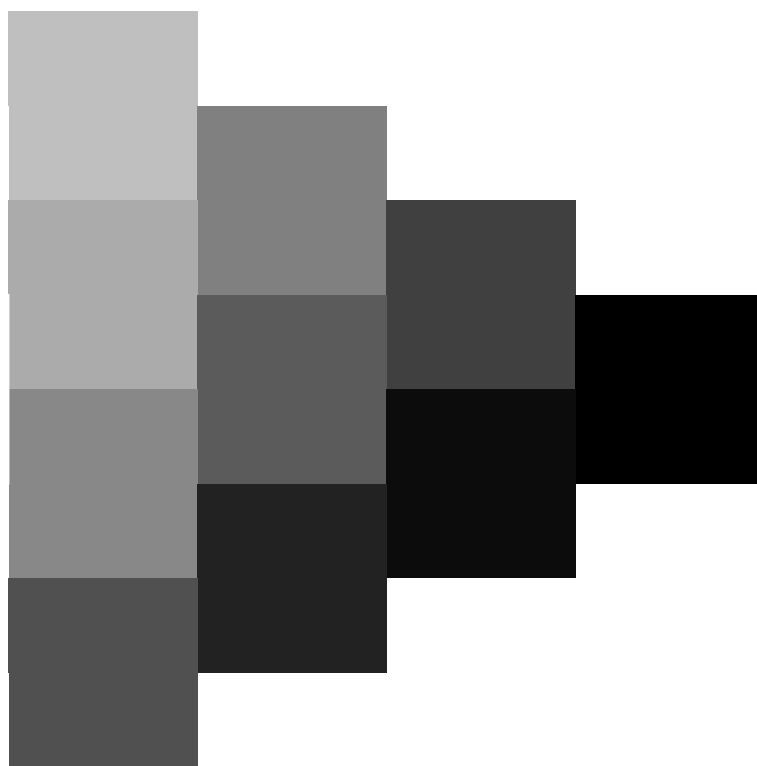
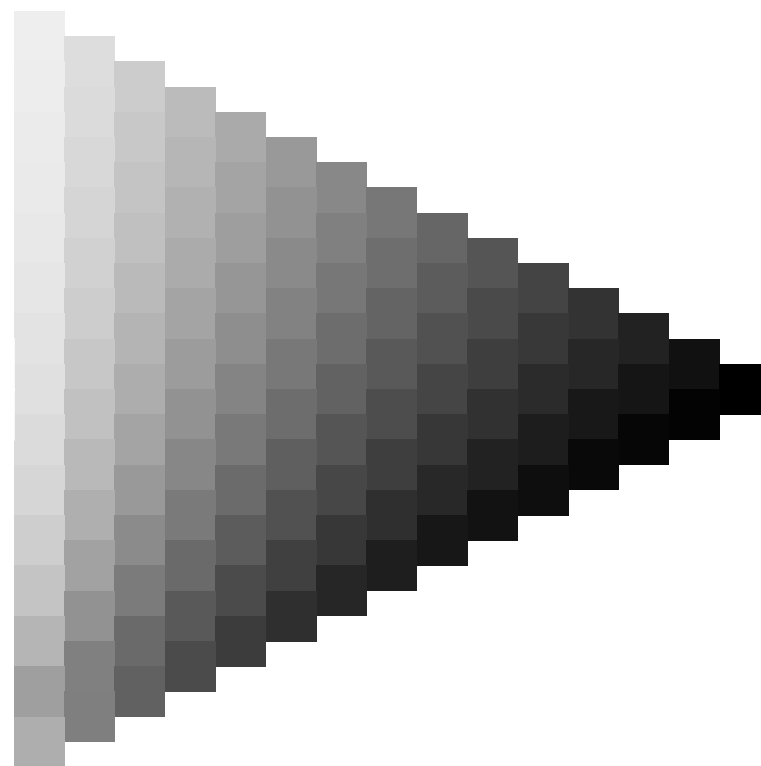
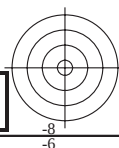
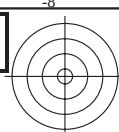
3-013130-L0 QF890-71

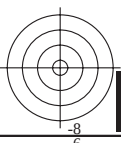
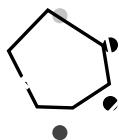
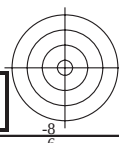
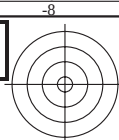
graphique TUB-QF89; code de teinte: $H^*_e=G25B_e$
graphique conforme à DIN 33872, 3D=0, de=1, cmyk

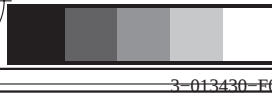
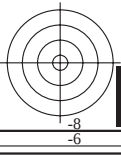
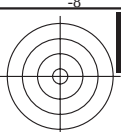
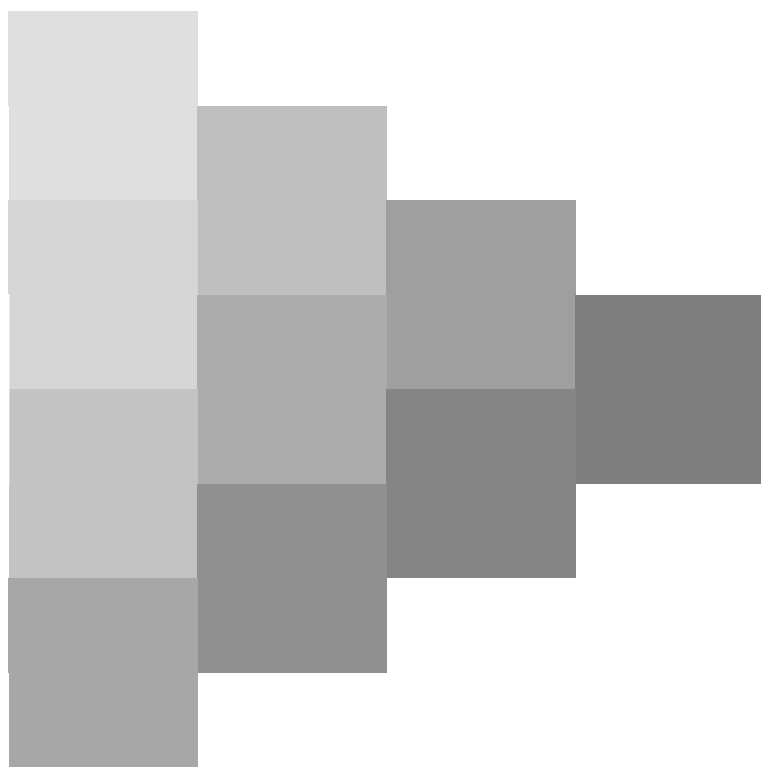
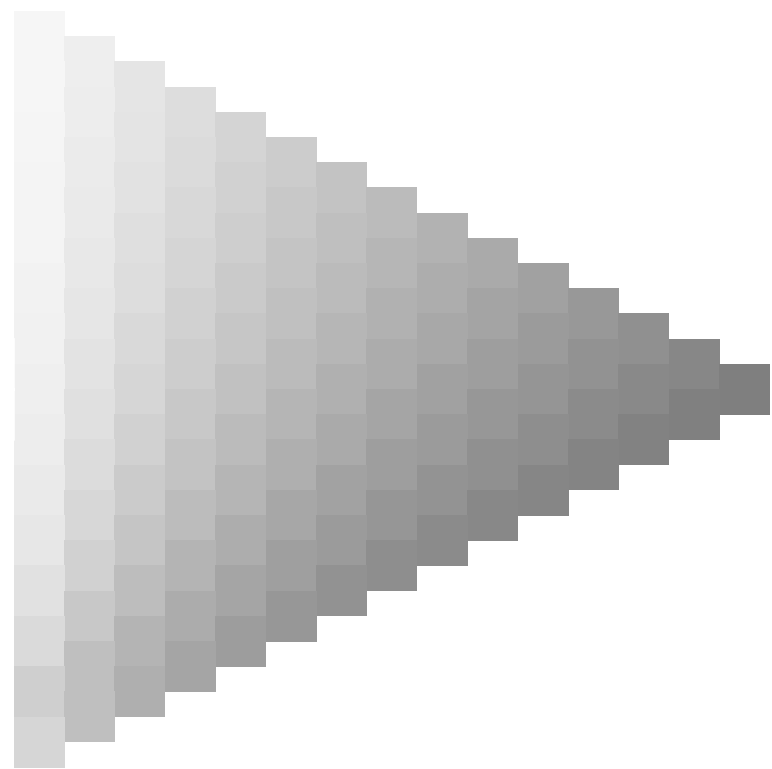
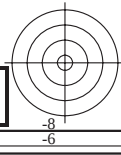
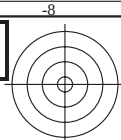
entrée : $rgb/cmyk \rightarrow rgb_e$
sortie : transférer à $cmyk_e$

TUB enregistrement: 20130201-QF89/QF89L0NA.TXT / .PS
application pour la mesure des sorties sur imprimante laser, séparation cmyk6 (CMYK)

TUB matériel: code=rha4ta







Entrée et sortie: Système Printer Reflective FRS06a pour la teinte CIELAB relative $h_{ab,a,rel} = h_{ab}/360 = 189/360 = 0.52$

$H^*_e = G25B_e$

Données de couleurs périphériques (d)

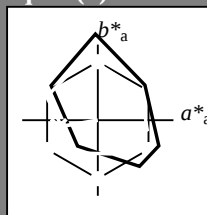
ou élémentaires (e):

HIC^*_e

code de teinte pour les couleurs de cette page:

$H^*_e = G25B_e$

triangle de luminosité T^*



LRS18a; données CIELAB (a) adaptées

nom	$L^*=L^*_a$	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

Les données de couleur maximale (Ma):

$LabCh^*_{e,Ma}$: 55 -51 -8 52 189

$HIC^*_{e,Ma}$: G25B_100_100_e

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

0.0 1.0 0.49 1.0 1.0

triangle de luminosité T^*

% Gamme

$u^*_{rel} = 114$

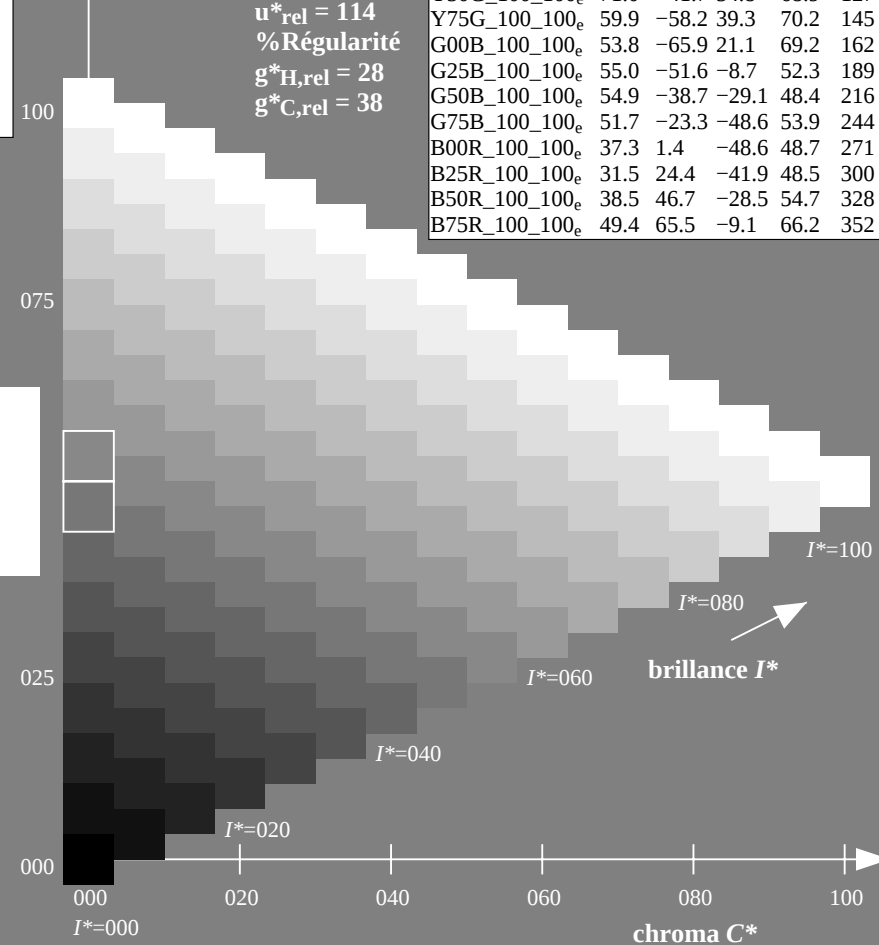
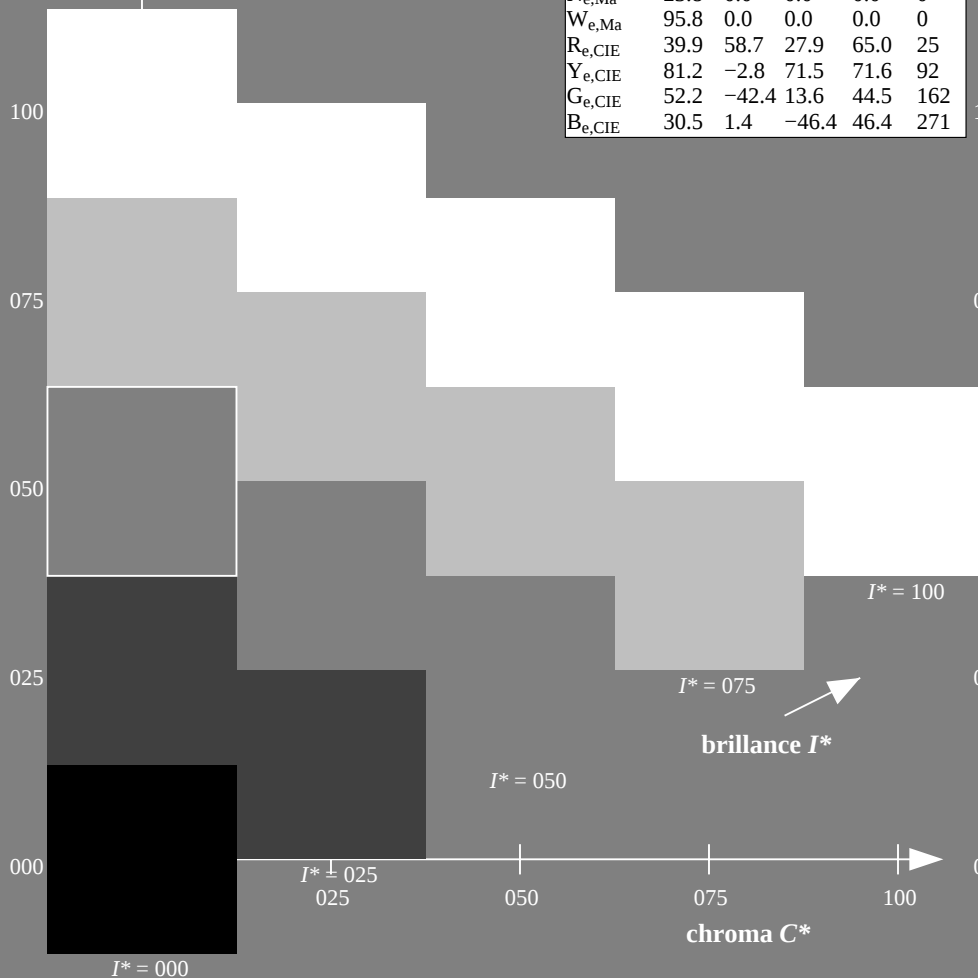
% Régularité

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

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

LRS18a; données CIELAB (a) adaptées

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



graphique TUB-QF89; code de teinte: $H^*_e = G25B_e$
graphique conforme à DIN 33872, 3D=0, de=1, cmyk

entrée : $rgb/cmyk \rightarrow rgb_e$
sortie : transférer à $cmyk_e$

Couleur maximale dans le système colorimétrique : Laser printer output; separation cmy6*, D65 pour l'entrée et sortie; Six angles de teinte à 60 degrés couleurs standard $RYGCBM_s$: $h_{ab,ds} = 30.0, 90.0, 150.0, 210.0, 270.0, 330.0$;
Six angles de teinte des couleurs périphériques $RYGCBM_d$: $h_{ab,d} = 33.5, 100.6, 155.5, 235.2, 290.8, 348.9$; Six angles de teinte des couleurs élémentaires $RYGCBM_e$: $h_{ab,e} = 25.5, 92.3, 162.2, 217.0, 271.7, 328.6$

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

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

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

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

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

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

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

C_s
 $LCH^*_s = 55.2 \ 48.1 \ 210.0$
 $LAB^*_s = 55.2 \ -41.7 \ -24.0$
 $rgb^*_{ds} = 0.0 \ 1.0 \ 0.694$

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

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

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

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

$h_{ab,s}, rgb^*_s$

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

$h_{ab,s}$

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

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

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

$h_{ab,e}$

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

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

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

$h_{ab,d}$

rgb^*_{de}

Couleur maximale dans le système colorimétrique : Laser printer output; separation cmy6*, D65 pour l'entrée et sortie; Six angles de teinte à 60 degrés couleurs standard $RYGCBM_c$; $h_{ab,ds} = 30.0, 90.0, 150.0, 210.0, 270.0, 330.0$;
Six angles de teinte des couleurs périphériques $RYGCBM_d$; $h_{ab,d} = 33.5, 100.6, 155.5, 235.2, 290.8, 348.9$; Six angles de teinte des couleurs élémentaires $RYGCBM_e$; $h_{ab,e} = 25.5, 92.3, 162.2, 217.0, 271.7, 328.6$

$h_{ab,d}$	$h_{ab,s}$	$h_{ab,e}$	rgb^*_{dd64M}	LAB^*_{ddx64M} (x=LabCh)		$rgb^*_{dex361M}$	$LAB^*_{dex361M}$	rgb^*_{dd}	rgb^*_{ds}	rgb^*_{de}
33.4	30.0	25.4	1.0	0.0	0.0	47.5	57.2	37.8	68.6	33.4
42.1	37.5	33.8	1.0	0.125	0.0	51.9	54.3	49.2	73.2	42.1
52.8	45.0	42.1	1.0	0.25	0.0	58.2	41.8	55.1	69.2	52.8
63.7	52.5	50.5	1.0	0.375	0.0	64.6	29.8	60.4	67.3	63.7
73.8	60.0	58.8	1.0	0.5	0.0	70.5	19.2	66.2	69.0	73.8
80.7	67.5	67.2	1.0	0.625	0.0	74.9	11.4	70.7	71.6	80.7
91.5	75.0	75.6	1.0	0.75	0.0	82.9	-2.0	76.9	77.0	91.5
96.8	82.5	83.9	1.0	0.875	0.0	87.6	-9.0	75.7	76.3	96.8
100.5	90.0	92.3	1.0	1.0	0.0	91.5	-15.8	84.6	86.1	100.5
101.4	97.5	101.0	0.875	1.0	0.0	92.8	-18.1	89.4	91.2	101.4
103.9	105.0	109.7	0.75	1.0	0.0	90.1	-21.3	86.0	88.6	103.9
115.0	112.5	118.5	0.625	1.0	0.0	79.9	-31.7	67.9	75.0	115.0
127.3	120.0	127.2	0.5	1.0	0.0	70.9	-41.7	54.8	68.9	127.3
134.7	127.5	136.0	0.375	1.0	0.0	66.5	-47.5	48.0	67.6	134.7
144.7	135.0	144.7	0.25	1.0	0.0	60.6	-57.2	40.4	70.1	144.7
151.0	142.5	153.4	0.125	1.0	0.0	57.0	-62.2	34.4	71.1	151.0
155.5	150.0	162.2	0.0	1.0	0.0	54.3	-67.6	30.8	74.3	155.5
160.8	157.5	169.0	0.0	1.0	0.125	53.8	-66.4	23.0	70.2	160.8
168.5	165.0	175.9	0.0	1.0	0.25	53.7	-63.1	12.8	64.4	168.5
179.9	172.5	182.7	0.0	1.0	0.375	54.7	-56.8	0.0	56.8	179.9
189.8	180.0	189.6	0.0	1.0	0.5	55.0	-51.4	-8.9	52.2	189.8
204.4	187.5	196.4	0.0	1.0	0.625	55.3	-44.1	-20.0	48.5	204.4
214.4	195.0	203.2	0.0	1.0	0.75	55.2	-39.5	-27.1	47.9	214.4
221.9	202.5	210.1	0.0	1.0	0.875	54.4	-36.7	-33.0	49.4	221.9
235.1	210.0	216.9	0.0	1.0	1.0	53.1	-30.0	-43.1	52.5	235.1
237.9	217.5	223.8	0.0	0.875	1.0	53.1	-27.9	-44.7	52.7	237.9
241.3	225.0	230.6	0.0	0.75	1.0	52.9	-25.9	-47.5	54.1	241.3
247.2	232.5	237.5	0.0	0.625	1.0	50.5	-20.8	-49.5	53.7	247.2
254.9	240.0	244.3	0.0	0.5	1.0	46.1	-13.3	-49.4	51.1	254.9
262.6	247.5	251.2	0.0	0.375	1.0	41.4	-6.3	-49.2	49.6	262.6
272.6	255.0	258.0	0.0	0.25	1.0	36.8	2.2	-48.5	48.6	272.6
281.4	262.5	264.8	0.0	0.125	1.0	35.0	9.4	-46.3	47.3	281.4
290.8	270.0	271.7	0.0	0.0	1.0	32.5	16.9	-44.6	47.7	290.8
299.2	277.5	278.8	0.125	0.0	1.0	31.6	23.6	-42.2	48.4	299.2
307.8	285.0	285.9	0.25	0.0	1.0	31.0	30.5	-39.3	49.8	307.8
317.5	292.5	293.0	0.375	0.0	1.0	34.2	38.2	-35.0	51.8	317.5
324.4	300.0	300.1	0.5	0.0	1.0	37.2	43.1	-30.8	53.0	324.4
330.6	307.5	307.2	0.625	0.0	1.0	39.1	48.4	-27.2	55.6	330.6
338.7	315.0	314.3	0.75	0.0	1.0	41.8	55.1	-21.4	59.1	338.7
343.9	322.5	321.4	0.875	0.0	1.0	45.6	60.1	-17.3	62.6	343.9
348.9	330.0	328.6	1.0	0.0	1.0	48.1	65.4	-12.7	66.6	348.9
350.7	337.5	335.7	1.0	0.0	0.875	49.5	66.1	-10.7	67.0	350.7
354.2	345.0	342.8	1.0	0.0	0.75	49.3	64.5	-6.5	64.8	354.2
361.9	352.5	349.9	1.0	0.0	0.625	48.0	61.8	2.1	61.8	361.9
370.0	360.0	357.0	1.0	0.0	0.5	47.8	58.9	10.4	59.9	370.0
378.9	367.5	364.1	1.0	0.0	0.375	47.4	56.8	19.5	60.0	378.9
386.2	375.0	371.2	1.0	0.0	0.25	47.5	55.9	27.5	62.3	386.2
391.3	382.5	378.3	1.0	0.0	0.125	47.6	56.3	34.2	65.9	391.3
393.4	390.0	385.4	1.0	0.0	0.0	47.5	57.2	37.8	68.6	393.4

3-013830-L0 QF890-71 LAB*la0, YN=0%, XYZnw=3.9, 4.1, 4.1, 84.7, 89.6, 93.9, LAB*nmw=23.9, 0.0, 0.0, 95.8, 0.0, 0.0

graphique TUB-QF89; code de teinte: $H^*_e = G25B_e$
cercle chromatique 48 paliers; tableaux $rgb-LabCh^*$

entrée : $rgb/cmyk \rightarrow rgb_e$
sortie : transférer à $cmyk_e$

sortie: Laser printer output; separation cmy6*, D65, page 9/33

TUB enregistrement: 20130201-QF89/QF89L0NA.TXT / .PS
application pour la mesure des sorties sur imprimante laser, séparation cmy6 (CMYK)

TUB matériel: code=rha4ta

Couleur maximale dans le système colorimétrique : Laser printer output; separation cmyn6*, D65 pour l'entrée et sortie; Six angles de teinte à 60 degrés couleurs standard $RYGCBM_s$; $h_{ab,ds} = 30.0, 90.0, 150.0, 210.0, 270.0, 330.0$; Six angles de teinte des couleurs périphériques $RYGCBM_g$; $h_{ab,d} = 33.5, 100.6, 155.5, 235.2, 290.8, 348.9$; Six angles de teinte des couleurs élémentaires $RYGCBM_e$; $h_{ab,e} = 25.5, 92.3, 162.2, 217.0, 271.7, 328.6$														
$h_{ab,d}$	$h_{ab,s}$	$h_{ab,e}$	rgb^*_{dd361M}	$LAB^*_{ddx361Mi} (x=LabCh)$	R_d	$rgb^*_{ds361Mi}$	$LAB^*_{dsx361Mi} (x=LabCh)$	R_s	$rgb^*_{dd361Mi}$	$LAB^*_{dex361Mi} (x=LabCh)$	R_e			
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
34	31	26	1.0	0.016	0.0	48.1	56.9	39.3	69.2	34	1.0	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	0.033	0.0	0.0
36	33	28	1.0	0.05	0.0	49.3	56.3	42.3	70.4	36	1.0	0.05	0.0	0.0
38	34	29	1.0	0.066	0.0	49.9	55.9	43.9	71.1	38	1.0	0.067	0.0	0.0
39	35	31	1.0	0.083	0.0	50.5	55.5	45.4	71.7	39	1.0	0.083	0.0	0.0
40	36	32	1.0	0.1	0.0	51.0	55.0	46.9	72.3	40	1.0	0.1	0.0	0.0
41	37	33	1.0	0.116	0.0	51.6	54.5	48.4	72.9	41	1.0	0.117	0.0	0.0
42	38	34	1.0	0.133	0.0	52.3	53.4	49.7	73.0	42	1.0	0.133	0.0	0.0
44	39	35	1.0	0.15	0.0	53.2	51.8	50.6	72.4	44	1.0	0.15	0.0	0.0
45	40	36	1.0	0.166	0.0	54.0	50.2	51.5	71.9	45	1.0	0.167	0.0	0.0
47	41	37	1.0	0.183	0.0	54.9	48.5	52.3	71.4	47	1.0	0.183	0.0	0.0
48	42	38	1.0	0.2	0.0	55.7	46.8	53.1	70.8	48	1.0	0.2	0.0	0.0
50	43	39	1.0	0.216	0.0	56.6	45.2	53.8	70.3	50	1.0	0.217	0.0	0.0
51	44	41	1.0	0.233	0.0	57.4	43.5	54.5	69.7	51	1.0	0.233	0.0	0.0
52	45	42	1.0	0.25	0.0	58.2	41.8	55.1	69.2	52	1.0	0.25	0.0	0.0
54	46	43	1.0	0.266	0.0	59.1	40.2	56.0	69.0	54	1.0	0.267	0.0	0.0
55	47	44	1.0	0.283	0.0	59.9	38.6	56.8	68.7	55	1.0	0.283	0.0	0.0
57	48	45	1.0	0.3	0.0	60.8	37.1	57.5	68.5	57	1.0	0.3	0.0	0.0
58	49	46	1.0	0.316	0.0	61.6	35.5	58.2	68.2	58	1.0	0.317	0.0	0.0
60	50	47	1.0	0.333	0.0	62.5	33.9	58.9	68.0	60	1.0	0.333	0.0	0.0
61	51	48	1.0	0.35	0.0	63.3	32.2	59.5	67.7	61	1.0	0.35	0.0	0.0
63	52	49	1.0	0.366	0.0	64.2	30.6	60.1	67.5	63	1.0	0.367	0.0	0.0
64	53	51	1.0	0.383	0.0	65.0	29.1	60.8	67.4	64	1.0	0.383	0.0	0.0
65	54	52	1.0	0.4	0.0	65.8	27.8	61.7	67.7	65	1.0	0.4	0.0	0.0
67	55	53	1.0	0.416	0.0	66.6	26.4	62.5	67.9	67	1.0	0.417	0.0	0.0
68	56	54	1.0	0.433	0.0	67.3	25.0	63.3	68.1	68	1.0	0.433	0.0	0.0
69	57	55	1.0	0.45	0.0	68.1	23.6	64.1	68.3	69	1.0	0.45	0.0	0.0
71	58	56	1.0	0.466	0.0	68.9	22.1	64.8	68.5	71	1.0	0.467	0.0	0.0
72	59	57	1.0	0.483	0.0	69.7	20.7	65.6	68.8	72	1.0	0.483	0.0	0.0
73	60	58	1.0	0.5	0.0	70.5	19.2	66.2	69.0	73	1.0	0.5	0.0	0.0
74	61	60	1.0	0.516	0.0	71.0	18.2	66.9	69.3	74	1.0	0.517	0.0	0.0
75	62	61	1.0	0.533	0.0	71.6	17.2	67.5	69.7	75	1.0	0.533	0.0	0.0
76	63	62	1.0	0.55	0.0	72.2	16.2	68.1	70.0	76	1.0	0.55	0.0	0.0
77	64	63	1.0	0.566	0.0	72.8	15.1	68.7	70.4	77	1.0	0.567	0.0	0.0
78	65	64	1.0	0.583	0.0	73.4	14.1	69.3	70.7	78	1.0	0.583	0.0	0.0
79	66	65	1.0	0.6	0.0	74.0	13.0	69.9	71.1	79	1.0	0.6	0.0	0.0
80	67	66	1.0	0.616	0.0	74.6	12.0	70.4	71.4	80	1.0	0.617	0.0	0.0
81	68	67	1.0	0.633	0.0	75.4	10.6	71.2	72.0	81	1.0	0.633	0.0	0.0
82	69	68	1.0	0.65	0.0	76.5	8.9	72.1	72.7	82	1.0	0.65	0.0	0.0
84	70	70	1.0	0.666	0.0	77.5	7.2	73.0	73.4	84	1.0	0.667	0.0	0.0
85	71	71	1.0	0.683	0.0	78.6	5.4	73.9	74.1	85	1.0	0.683	0.0	0.0
87	72	72	1.0	0.7	0.0	79.7	3.6	74.7	74.8	87	1.0	0.7	0.0	0.0
88	73	73	1.0	0.716	0.0	80.8	1.7	75.5	75.5	88	1.0	0.717	0.0	0.0
-269	74	74	1.0	0.733	0.0	81.8	-0.1	76.3	76.3	-269	1.0	0.733	0.0	0.0
-268	75	75	1.0	0.75	0.0	82.9	-2.0	76.9	77.0	-268	1.0	0.75	0.0	0.0

3-013930-L0 QF890-71 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

graphique TUB-QF89; code de teinte: $H^*_e=G25B_e$
cercle chromatique 48 paliers; tableaux $rgb-LabCh^*$

entrée : $rgb/cmyk \rightarrow rgb_e$
sortie : transférer à $cmyk_e$

sortie: Laser printer output; separation cmyn6*, D65, page 10/33

3-013930-F0 C M Y O L V

Couleur maximale dans le système colorimétrique : Laser printer output; separation cmyn6*, D65 pour l'entrée et sortie; Six angles de teinte à 60 degrés couleurs standard $RYGCBM_s; h_{a,b,d,s} = 30.0, 90.0, 150.0, 210.0, 270.0, 330.0;$

<i>h</i> _{ab,d}	<i>h</i> _{ab,s}	<i>h</i> _{ab,e}	<i>rgb</i> * _{dd361M}	<i>LAB</i> * _{dsx361Mi} (<i>x</i> = <i>LabCh</i>)	<i>rgb</i> * _{ds361Mi}	<i>LAB</i> * _{dsx361Mi} (<i>x</i> = <i>LabCh</i>)	<i>rgb</i> * _{dd361Mi}	<i>rgb</i> * _{de361Mi}	<i>LAB</i> * _{dex361Mi} (<i>x</i> = <i>LabCh</i>)	<i>rgb</i> * _{dd361Mi}	<i>rgb</i> * _{dd}	<i>rgb</i> * _{ds}	<i>rgb</i> * _{de}																									
235	210	216	0.0	1.0	1.0	53.1	-30.0	-43.1	52.5	235	<i>C</i> _d	0.0	1.0	0.694	55.3	-41.6	-24.0	48.2	210	<i>C</i> _s	0.0	1.0	1.0	0.0	1.0	0.983	1.0	0.0	1.0	0.807	54.9	-38.3	-29.8	48.6	217	0.0	0.983	1.0
235	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	0.822	54.8	-37.9	-30.5	48.8	218	0.0	0.967	1.0					
235	212	218	0.0	0.966	1.0	53.1	-29.4	-43.5	52.5	235		0.0	1.0	0.719	55.3	-40.7	-25.4	48.1	212	0.0	0.967	1.0	0.0	1.0	0.837	54.7	-37.6	-31.2	49.0	219	0.0	0.95	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	0.853	54.6	-37.2	-31.9	49.2	220	0.0	0.933	1.0					
236	214	220	0.0	0.933	1.0	53.1	-28.9	-43.9	52.6	236		0.0	1.0	0.744	55.2	-39.7	-26.7	48.0	214	0.0	0.933	1.0	0.0	1.0	0.868	54.5	-36.9	-32.6	49.4	221	0.0	0.917	1.0					
237	215	221	0.0	0.916	1.0	53.1	-28.6	-44.2	52.6	237		0.0	1.0	0.759	55.2	-39.3	-27.5	48.1	215	0.0	0.917	1.0	0.0	1.0	0.88	54.4	-36.5	-33.4	49.6	222	0.0	0.9	1.0					
237	216	222	0.0	0.9	1.0	53.1	-28.3	-44.4	52.7	237		0.0	1.0	0.775	55.1	-38.9	-28.3	48.3	216	0.0	0.9	1.0	0.0	1.0	0.888	54.3	-36.1	-34.1	49.8	223	0.0	0.883	1.0					
237	217	223	0.0	0.883	1.0	53.1	-28.1	-44.6	52.7	237		0.0	1.0	0.792	55.0	-38.6	-29.1	48.5	217	0.0	0.883	1.0	0.0	1.0	0.897	54.2	-35.7	-34.8	50.0	224	0.0	0.867	1.0					
238	218	224	0.0	0.866	1.0	53.0	-27.8	-44.9	52.8	238		0.0	1.0	0.809	54.9	-38.2	-29.9	48.7	218	0.0	0.867	1.0	0.0	1.0	0.906	54.1	-35.3	-35.5	50.2	225	0.0	0.85	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	0.914	54.1	-34.9	-36.2	50.4	226	0.0	0.833	1.0					
239	220	226	0.0	0.833	1.0	53.0	-27.3	-45.6	53.2	239		0.0	1.0	0.842	54.7	-37.5	-31.4	49.1	220	0.0	0.833	1.0	0.0	1.0	0.923	54.0	-34.4	-36.9	50.6	227	0.0	0.817	1.0					
239	221	227	0.0	0.816	1.0	53.0	-27.0	-46.0	53.4	239		0.0	1.0	0.859	54.6	-37.1	-32.2	49.3	221	0.0	0.817	1.0	0.0	1.0	0.932	53.9	-34.0	-37.6	50.8	227	0.0	0.8	1.0					
240	222	227	0.0	0.8																																		

3-0131330-L0	QF890-71	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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sortie: Laser printer output; separation cmyn6*, D65, page 14/38

graphique TUB-QF89; code de teinte: $H^*_e=G25B_e$
cercle chromatique 48 paliers; tableaux *rgb-LabCh**

entrée : $rgb/cmyk \rightarrow rgb_e$
 sortie : transférer à $cmyk_e$

Couleur maximale dans le système colorimétrique : Laser printer output; separation cmyn6*, D65 pour l'entrée et sortie; Six angles de teinte à 60 degrés couleurs standard $RYGCBM_s; h_{a,b,d,s} = 30.0, 90.0, 150.0, 210.0, 270.0, 330.0;$

Six angles de teinte des couleurs périphériques $RYGCBM_d$: $h_{ab,d} = 33.5, 100.6, 155.5, 235.2, 290.8, 348.9$; Six angles de teinte des couleurs élémentaires $RYGCBM_e$: $h_{ab,e} = 25.5, 92.3, 162.2, 217.0, 271.7, 328.6$

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

3-0131430-L0	QF890-71	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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sortie: Laser printer output; separation cmyn6*, D65, page 15/38

graphique TUB-QF89; code de teinte: $H^*_e=G25B_e$
cercle chromatique 48 paliers; tableaux *rgb-LabCh**

entrée : $rgb/cmyk \rightarrow rgb_e$
 sortie : transférer à $cmyk_e$

~~3-0131430-F0~~

TUB enregistrement: 20130201-QF89/QF89L0NA.TXT /.PS TUB matériel: code=rha4ta
application pour la mesure des sorties sur imprimante laser, séparation cmyk6 (CMYK)



TUB matériel: code=rha4ta
 uration cmyn6 (CMYK)

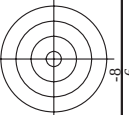
http://130.149.60.45/~farbmeterik/QF89/L0NA.TXT /PS; sortie de transfert
N: aucune linearisation 3D (OL) dans fichier (F) ou PS-startup (S), page 18/33

	n/f	HIC ^{Fe}	rgb^{Fe}	ict^{Fe}	hsa^{Fe}	rgb^{Fe}	$LabCh^{Fe}$	$LabCh^{Fe}$	rgb^{Fe}	DE^{Fe}	hsa^{Fe}	rgb^{Fe}	$LabCh^{Fe}$	$LabCh^{Fe}$	
0/648	R00Y_100_100e	1.0	0.0	0.0	1.0	0.5	390	1.0	0.0	0.263	47.5	56.0	26.7	62.1	25.4
1/657	R13Y_100_100e	1.0	0.125	0.0	1.0	0.5	370	1.0	0.0	0.012	47.5	57.1	37.5	68.3	33.2
2/666	R25Y_100_100e	1.0	0.25	0.0	1.0	0.5	44	1.0	0.108	0.0	51.4	54.8	47.7	72.6	41.0
3/675	R38Y_100_100e	1.0	0.375	0.0	1.0	0.5	52	1.0	0.216	0.0	56.5	45.2	53.8	70.3	49.9
4/684	R50Y_100_100e	1.0	0.5	0.0	1.0	0.5	68	1.0	0.319	0.0	61.8	35.2	58.4	68.2	58.8
5/693	R63Y_100_100e	1.0	0.625	0.0	1.0	0.5	68	1.0	0.425	0.0	67.0	25.7	63.0	68.0	67.8
6/702	R75Y_100_100e	1.0	0.75	0.0	1.0	0.5	83	1.0	0.551	0.0	72.3	16.1	68.2	70.1	76.7
7/711	R88Y_100_100e	1.0	0.875	0.0	1.0	0.5	76	1.0	0.668	0.0	77.7	7.0	73.1	73.1	84.5
8/720	Y00G_100_100e	1.0	1.0	0.0	1.0	0.5	90	1.0	0.768	0.0	83.6	-3.1	76.8	76.9	92.3
9/729	Y13G_100_100e	1.0	0.075	0.0	1.0	0.5	97	1.0	0.095	0.0	84.4	-15.5	84.4	85.8	100.4
10/738	Y25G_100_100e	1.0	0.15	0.0	1.0	0.5	104	0.697	1.0	0.0	85.8	-26.4	78.5	82.9	108.6
11/747	Y38G_100_100e	1.0	0.225	0.0	1.0	0.5	112	0.595	1.0	0.0	77.7	-34.4	64.9	73.5	117.9
12/756	Y50G_100_100e	1.0	0.3	0.0	1.0	0.5	120	0.5	1.0	0.0	71.0	-41.7	54.8	68.9	127.2
13/765	Y63G_100_100e	1.0	0.375	0.0	1.0	0.5	128	0.351	1.0	0.0	65.4	-49.4	46.7	68.0	136.5
14/774	Y75G_100_100e	1.0	0.5	0.0	1.0	0.5	136	0.227	1.0	0.0	59.9	-58.2	39.3	70.2	145.9
15/783	Y88G_100_100e	1.0	0.625	0.0	1.0	0.5	143	0.04	1.0	0.0	55.2	-65.9	32.0	73.3	154.0
16/792	G00C_100_100e	0.0	1.0	0.0	1.0	0.5	150	0.0	0.146	0.0	53.8	-65.9	21.1	69.2	162.2
17/799	G13C_100_100e	0.0	1.0	0.125	1.0	0.5	157	0.0	0.251	0.0	53.7	-63.1	12.7	64.3	168.6
18/806	G25C_100_100e	0.0	1.0	0.25	1.0	0.5	164	0.0	0.32	0.0	54.3	-59.8	5.2	60.1	175.0
19/813	G38C_100_100e	0.0	1.0	0.375	1.0	0.5	172	0.0	0.404	0.0	54.8	-55.6	-2.2	55.7	182.3
20/820	G50C_100_100e	0.0	1.0	0.5	1.0	0.5	180	0.0	0.497	0.0	55.0	-51.4	-8.6	52.3	189.6
21/827	G63C_100_100e	0.0	1.0	0.625	1.0	0.5	188	0.0	0.586	0.0	55.1	-48.2	-14.6	50.4	196.9
22/834	G75C_100_100e	0.0	1.0	0.75	1.0	0.5	196	0.0	0.672	0.0	55.2	-44.3	-19.9	48.5	204.2
23/841	G88C_100_100e	0.0	1.0	0.875	1.0	0.5	203	0.0	0.761	0.0	55.2	-41.4	-24.5	48.1	210.5
24/850	C00B_100_100e	0.0	1.0	0.5	210	0.5	217	0.0	0.791	54.9	-38.7	-29.1	49.1	216.9	
25/857	C13B_100_100e	0.0	0.875	1.0	1.0	0.5	217	0.0	0.088	54.3	-36.1				

entrée : *rgb/cmyk* -> *rgb*_e
sortie : transférer à *cmyk*_e

graphique TUB-QF89; code de teinte: H_e*=G25B_e

informations techniques: <http://www.ps.bam.de> ou <http://130.149.60.45/~farbmetrik>



TUB matériel: code=rha4ta
 uration cmyn6 (CMYK)

http://130.149.60.45/~farbmeterik/QF89/L0NA.TXT /PS; sortie de transfert
N: aucune linearisation 3D (OL) dans fichier (F) ou PS-startup (S), page 19/33

[illegible]

entrée : *rgb/cmyk* - > *rgb*_e
 sortie : transférer à *cmyk*_e

graphique TUB-QF89; code de teinte: $H_e^*=G25B_e$



voir fichiers similaires: <http://130.149.60.45/~farbmetrik/QF89/QF89.HTM>
 informations techniques: <http://www.ps.bam.de> ou <http://130.149.60.45/~farbmetrik>

voir fichiers similaires: <http://130.149.60.45/~farbmatrik/QF89/QF89.HTM>
 informations techniques: <http://www.ps.bam.de> ou <http://130.149.60.45/~farbmatrik>

N: aucune linearisation 3D (OL) dans fichier (F) ou PS-startup (S), page 22/33
http://130.149.60.45/~farbmetrik/QF89/QF89L0NA.TXT /PS; sortie de transfert

graphique TUB-QF89; code de teinte: H*_e=G25B_e

entrée : *rgb/cmyk* -> *rgbe*
 sortie : transférer à *cmyke*

[illegible]

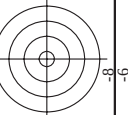
voir fichiers similaires: <http://130.149.60.45/~farbmatrik/QF89/QF89.HTM>
 informations techniques: <http://www.ps.bam.de> ou <http://130.149.60.45/~farbmatrik>

http://130.149.60.45/~farbmetrik/QF89/QF89L0NA.TXT /PS; sortie de transfert
N: aucune linearisation 3D (OL) dans fichier (F) ou PS-startup (S), page 24/33

graphique TUB-QF89; code de teinte: H*_e=G25Be

entrée : $rgb/cmyk -> rgb_e$
sortie : transférer à $cmyk_e$

[illegible]



TUB matériel: code=rha4ta
 uration cmyn6 (CMYK)

N: aucune linearisation 3D (OL) dans fichier (F) ou PS-startup (S), page 28/33
http://130.149.60.45/~farbmatrik/QF89/QF89L0NA.TXT /PS; sortie de transfert

[illegible]

entrée : *rgb/cmyk* -> *rgb*
sortie : transférer à *cmyk_e*

graphique TUB-QF89; code de teinte: H_e^{*}=G25B_e

graph
couleur

voir fichiers similaires: <http://130.149.60.45/~farbmetrik/QF89/QF89.HTM>
 informations techniques: <http://www.ps.bam.de> ou <http://130.149.60.45/~farbmetrik>

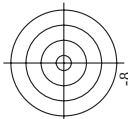
N: aucune linearisation 3D (OL) dans fichier (F) ou PS-startup (S), page 29/33
http://130.149.60.45/~farbmatrik/QF89/QF89L0NA.TXT /PS; sortie de transfert

graphique TUB-QF89; code de teinte: H*_e=G25Be

entrée : $rgb/cmyk$ - $\rightarrow rgb_e$
 sortie : transférer à $cmyk_e$

voir fichiers similaires: <http://130.149.60.45/~farbmatrik/QF89/QF89.HTM>
 informations techniques: <http://www.ps.bam.de> ou <http://130.149.60.45/~farbmatrik>

[illegible]



voir fichiers similaires: <http://130.149.60.45/~farbmatrik/QF89/QF89.HTM>
 informations techniques: <http://www.ps.bam.de> ou <http://130.149.60.45/~farbmatrik>

entrée : *rgb/cmyk* → *rgb*_e
 sortie : transférer à *cmyk*_e

graphique TUB-QF89; code de teinte: H_e*=G25B_e

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