

voir fichiers similaires: <http://130.149.60.45/~farbmetrik/QF69/QF69L0FP.PDF> / .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 $h_{ab,a,rel} = h_{ab}/360 = 139/360 = 0.38$

Données de couleurs périphériques (d)

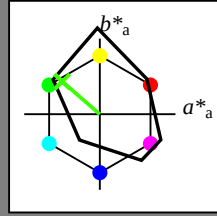
ou élémentaires (e):

HIC^*

code de teinte pour les couleurs de cette page:

$H^*_- = Y75G_-$

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):

$LabCh^*_{-,Ma}$: 62 -49 43 65 139

$HIC^*_{-,Ma}$: Y75G_100_100_

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

0.23 1.0 0.0 1.0 1.0

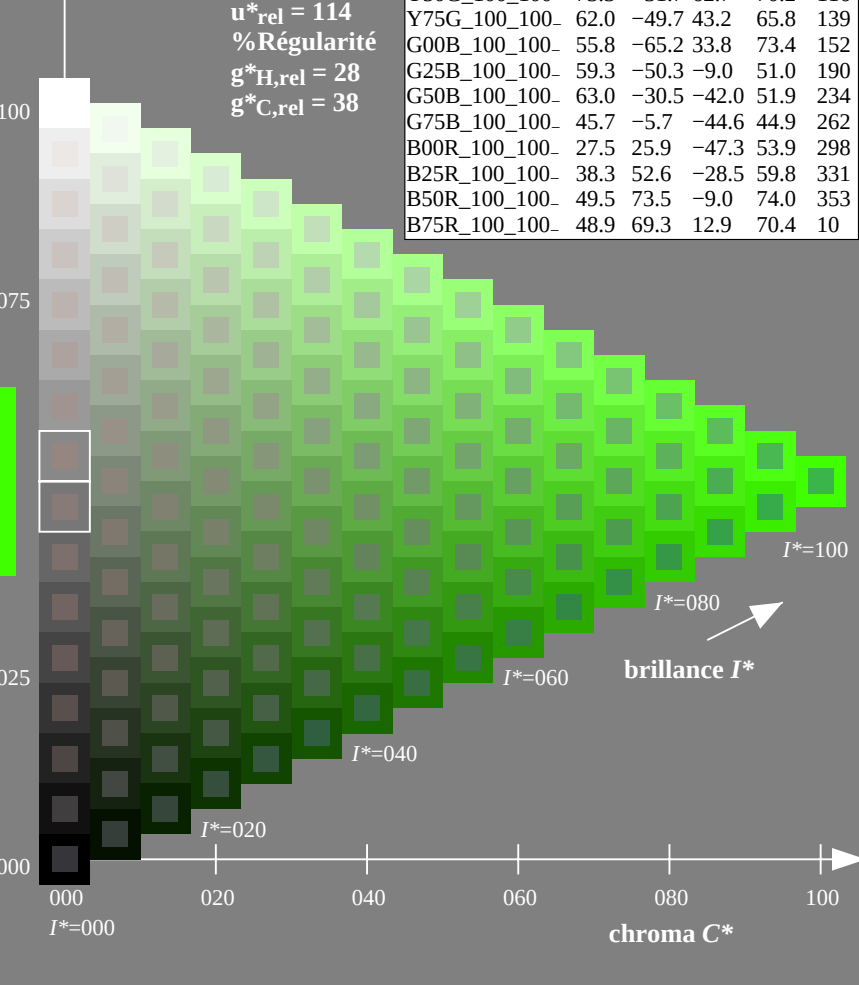
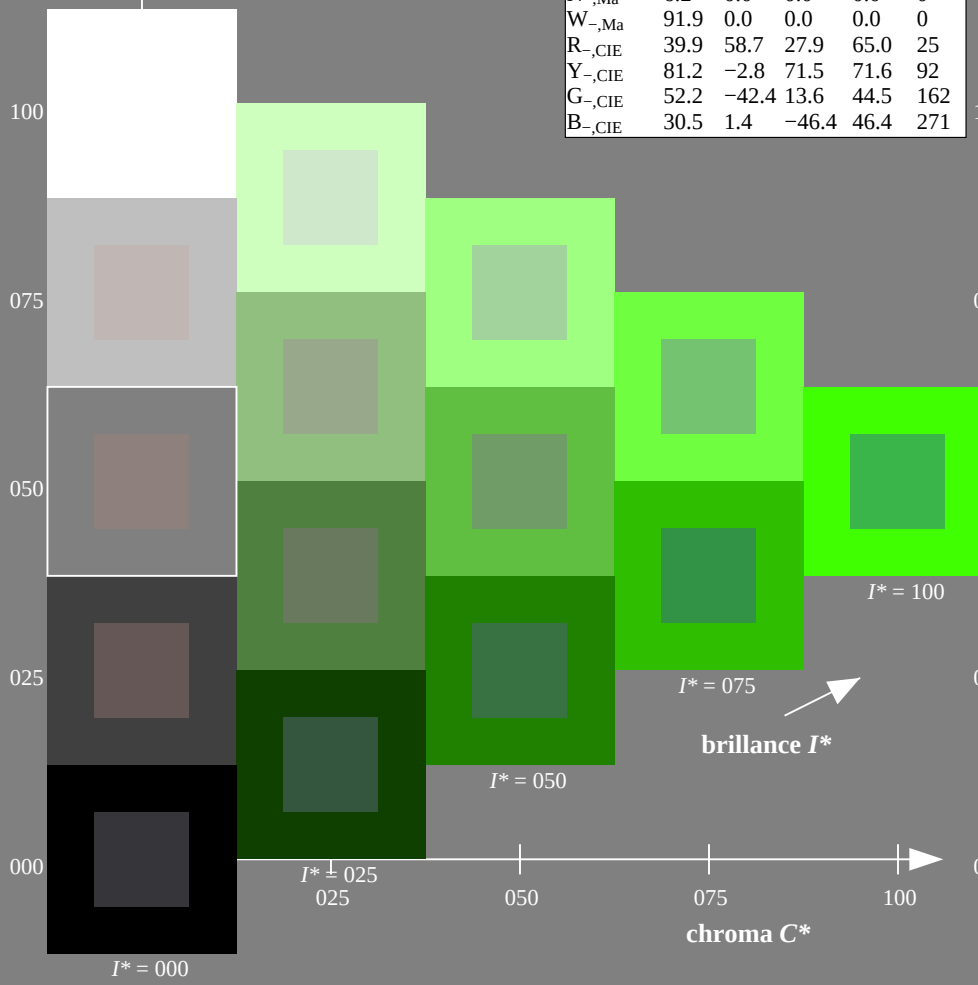
triangle de luminosité T^*

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

$H^*_- = Y75G_-$

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



3-103030-L0 QF690-7N

graphique TUB-QF69; code de teinte: $H^*_- = Y75G_-$
graphique conforme à DIN 33872, 3D=1, de=0, cmk^*

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

TUB enregistrement: 20130201-QF69/QF69L0FP.PDF /.PS
application pour la mesure des sorties sur imprimante laser

TUB matériel: code=rha4ta

voir fichiers similaires: <http://130.149.60.45/~farbmetrik/QF69/QF69L0FP.PDF> / .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 $h_{ab,a,rel} = h_{ab}/360 = 145/360 = 0.4$

Données de couleurs périphériques (d)

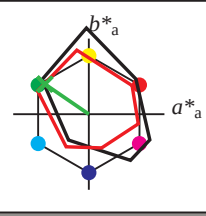
ou élémentaires (e):

HIC^*_d

code de teinte pour les couleurs de cette page:

$H^*_d = Y75G_d$

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):

$LabCh^*_{d,Ma}$: 60 -57 39 70 145

$HIC^*_{d,Ma}$: Y75G_100_100d

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

0.23 1.0 0.0 1.0 1.0

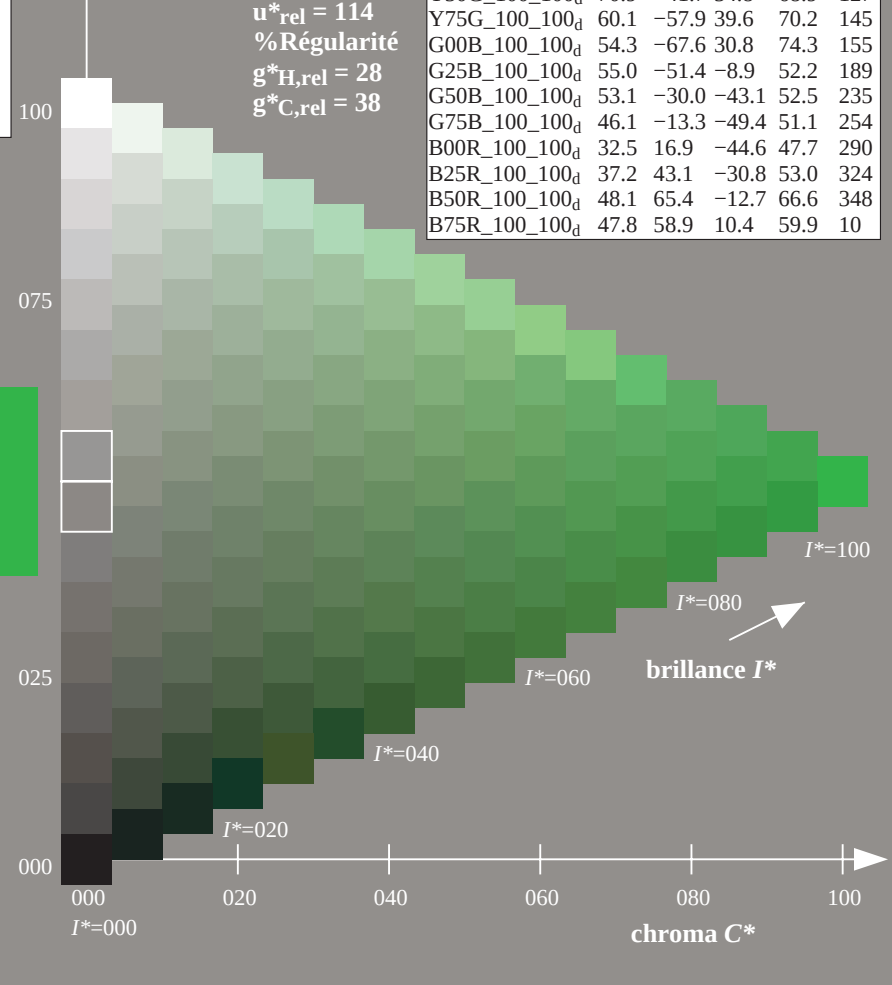
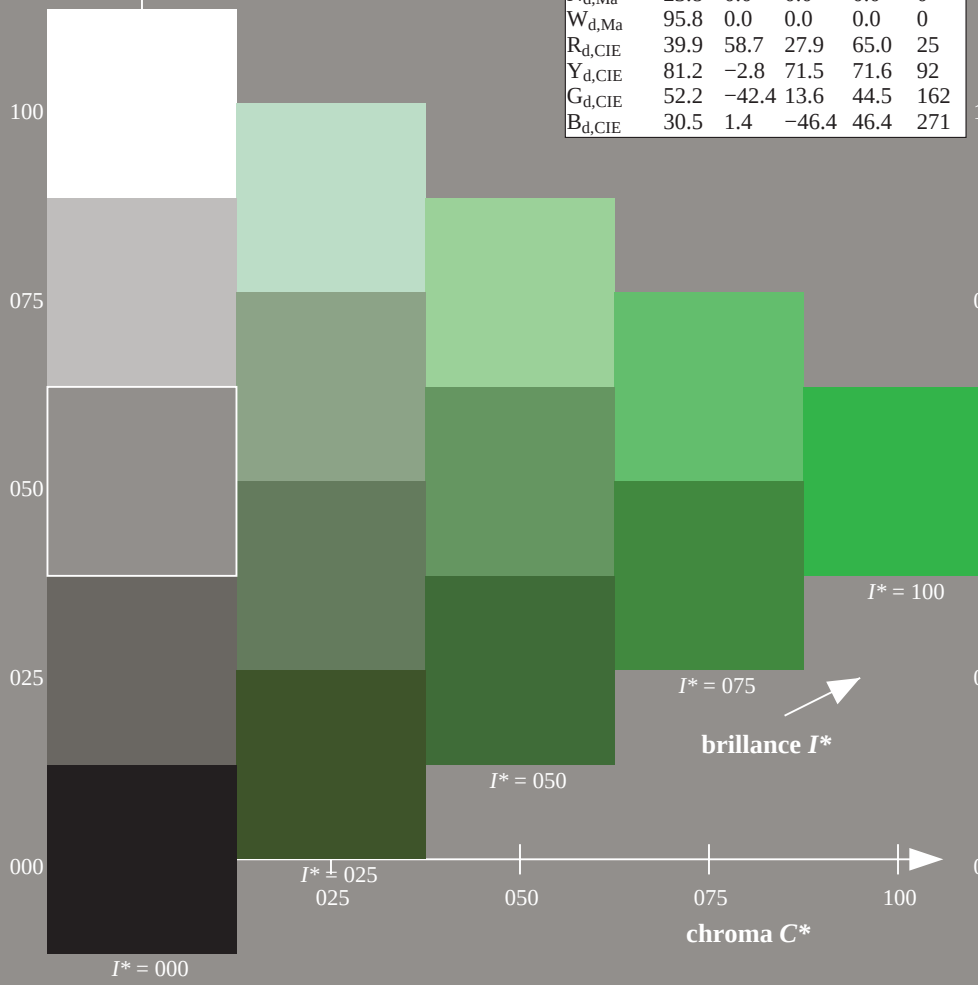
triangle de luminosité T^*

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

$H^*_d = Y75G_d$

LRS18a; données CIELAB (a) adaptées

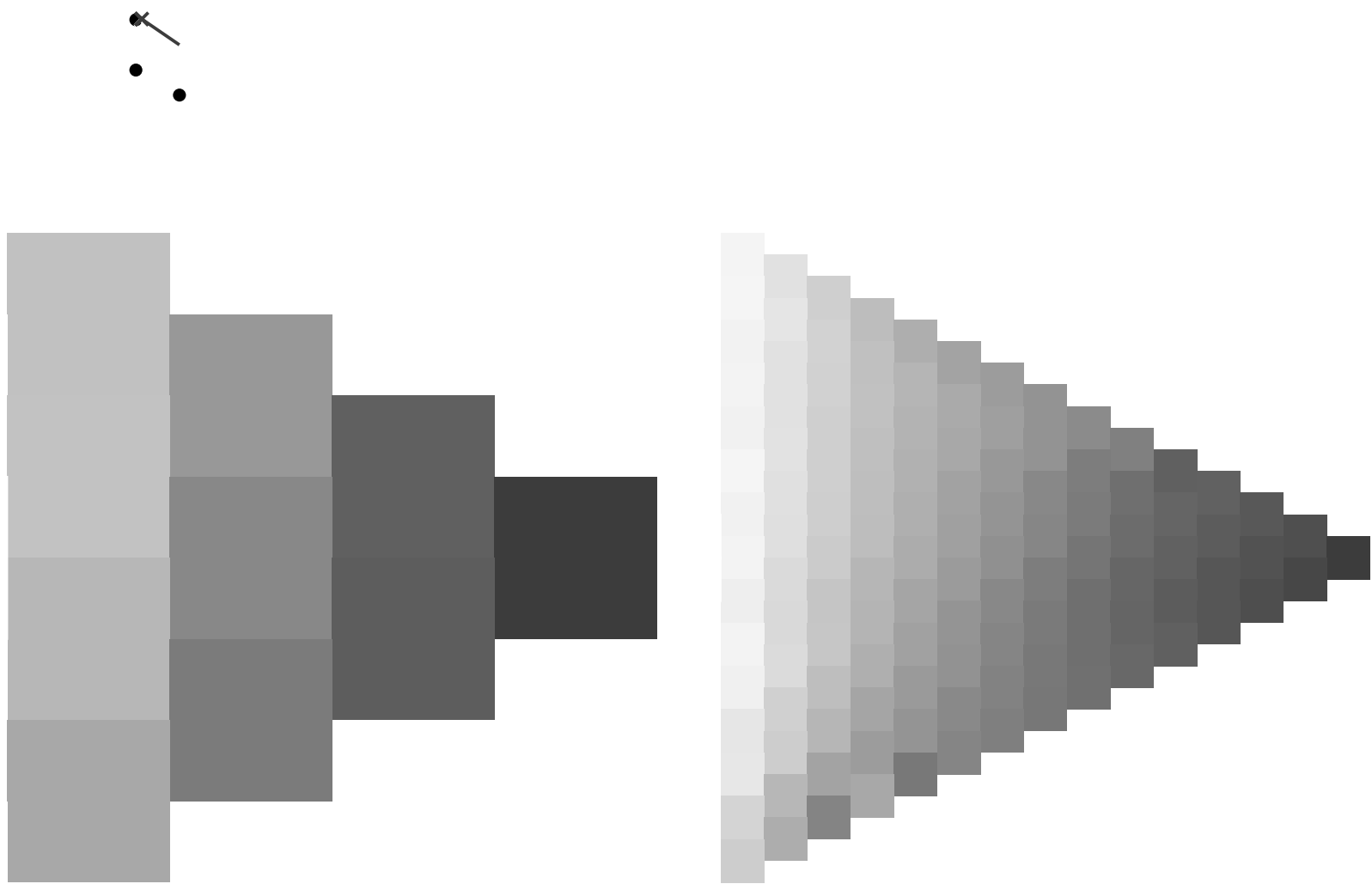
H^*_d	$L^*=L^*_a a^*_a$	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
$R00Y_100_100_d$	47.5	57.2	37.8	68.6
$R25Y_100_100_d$	57.4	43.5	54.5	69.7
$R50Y_100_100_d$	70.5	19.2	66.2	69.0
$R75Y_100_100_d$	83.5	-2.9	76.8	76.9
$Y00G_100_100_d$	91.5	-15.8	84.6	86.1
$Y25G_100_100_d$	90.4	-20.9	86.5	89.0
$Y50G_100_100_d$	70.9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



graphique TUB-QF69; code de teinte: $H^*_d = Y75G_d$
graphique conforme à DIN 33872, 3D=1, de=0, cmk^*

entrée : $rgb/cmyk \rightarrow rgb_{dd}$
sortie : linéarisation 3D selon cmk^*_{dd}

TUB enregistrement: 20130201-QF69/QF69L0FP.PDF /.PS
application pour la mesure des sorties sur imprimante laser, séparation cmk^*_{6*} (CMYK)
TUB matériel: code=rha4ta



Entrée et sortie: Systeme Printer Reflective FRS06a pour la teinte CIELAB relative $h_{ab,abrel} = h_{ab}/360 = 145/360 = 0.4$

$H^*_d = Y75G_d$

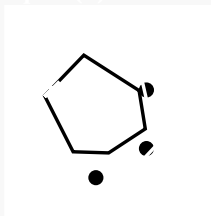
Données de couleurs périphériques (d)
ou élémentaires (e):

HIC^*_d

code de teinte pour les cou-
leurs de cette page:

$H^*_d = Y75G_d$

triangle de luminosité T^*



Les données de couleur maximale (Ma):

$LabCh^*_{d,Ma}$: 60 -57 39 70 145

$HIC^*_{d,Ma}$: Y75G_100_100_d

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

0.23 1.0 0.0 1.0 1.0

triangle de luminosité T^*

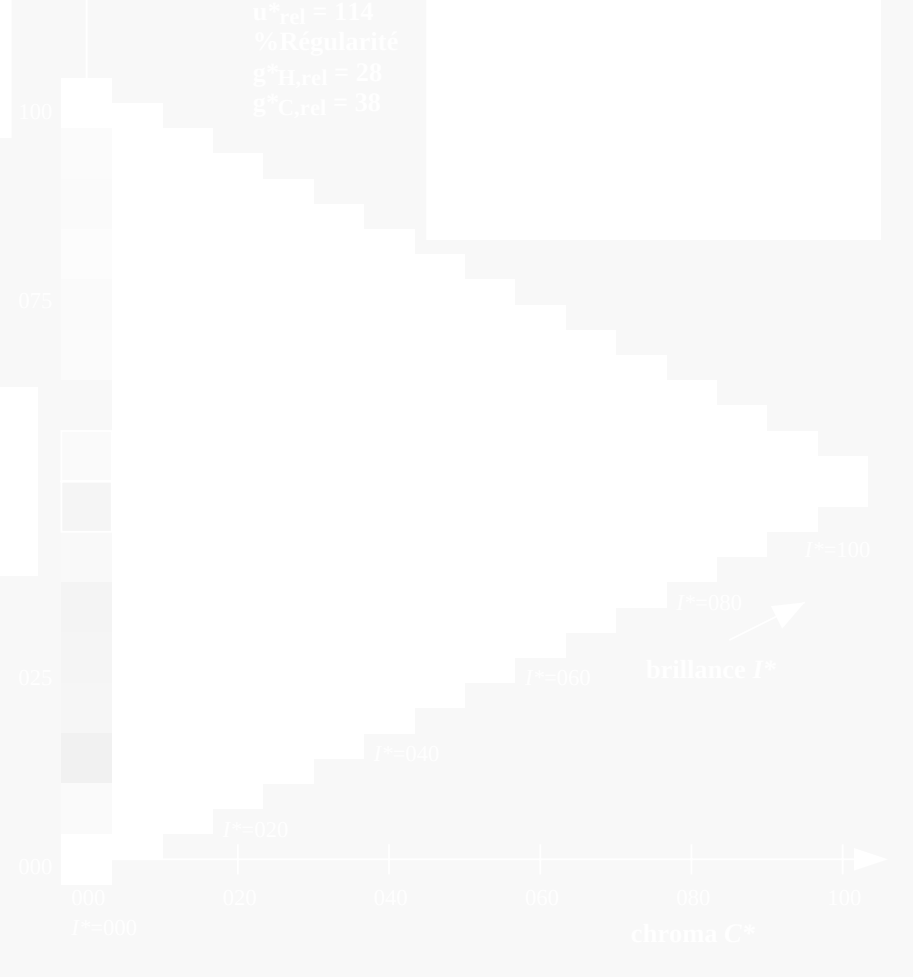
%Gamme

$u^*_{rel} = 114$

%Régularité

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

$g^*_{C,rel} = 36$



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

TUB enregistrement: 20130201-QF69/QF69L0FP.PDF /.PS TUB matériel: code=rha4ta
application pour la mesure des sorties sur imprimante laser, séparation cmyk* (CMYK)

3-103330-L0 QF690-72

graphique TUB-QF69; code de teinte: $H^*_d = Y75G_d$
graphique conforme à DIN 33872, 3D=1, $de=0$, $cmyk^*$

entrée : $rgb/cmyk \rightarrow rgb_{dd}$
sortie : linéarisation 3D selon $cmyk^*_{dd}$

Entrée et sortie: Système Printer Reflective FRS06a pour la teinte CIELAB relative $h_{ab,a,rel} = h_{ab}/360 = 145/360 = 0.4$

$H^*_d = Y75G_d$

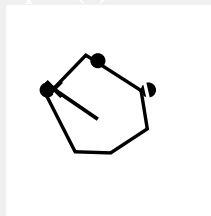
Données de couleurs périphériques (d)
ou élémentaires (e):

HIC^*_d

code de teinte pour les cou-
leurs de cette page:

$H^*_d = Y75G_d$

triangle de luminosité T^*



Les données de couleur maximale (Ma):

$LabCh^*_{d,Ma}$: 60 -57 39 70 145

$HIC^*_{d,Ma}$: Y75G_100_100d

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

0.23 1.0 0.0 1.0 1.0

triangle de luminosité T^*

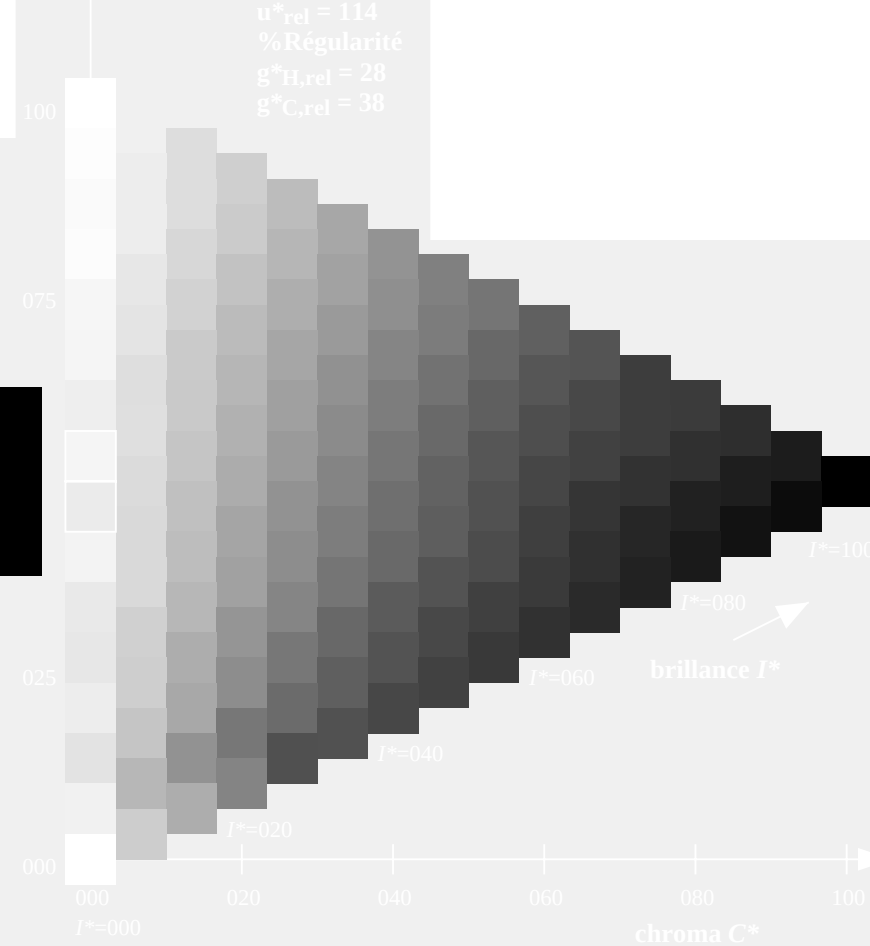
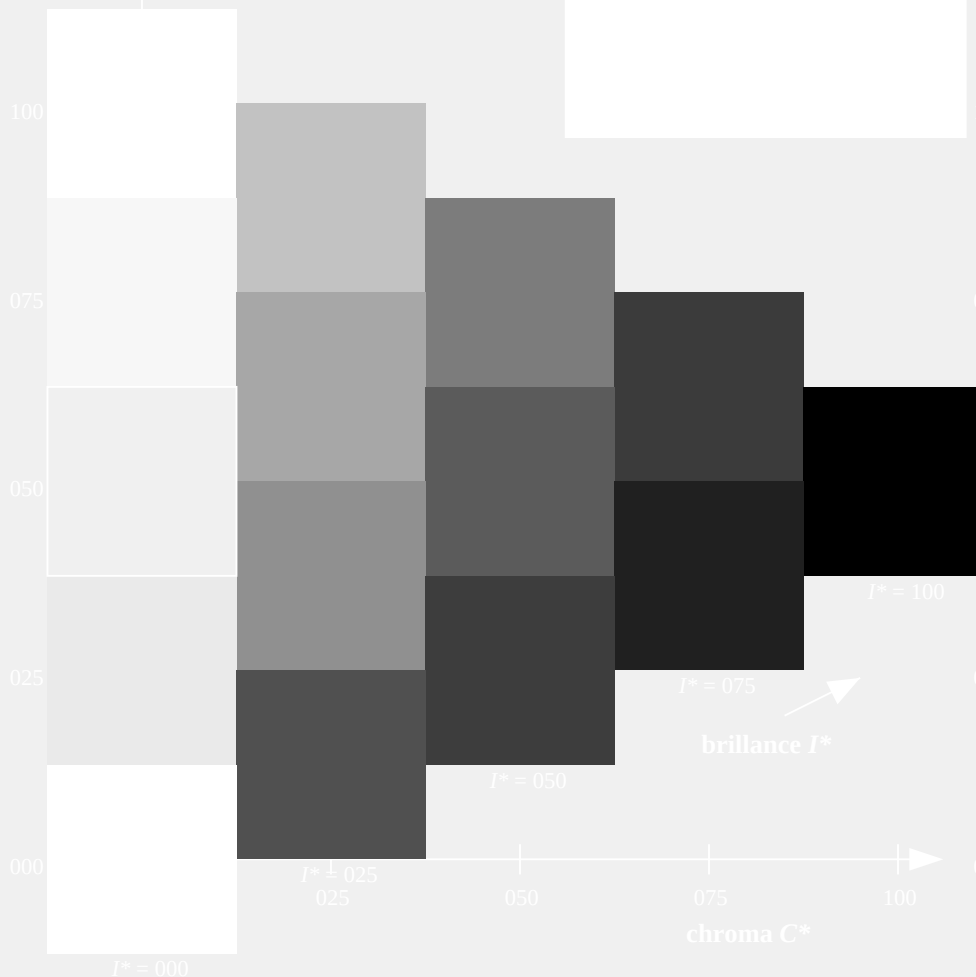
% Gamme

$u^*_{rel} = 114$

% Régularité

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

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



graphique TUB-QF69; code de teinte: $H^*_d = Y75G_d$
graphique conforme à DIN 33872, 3D=1, de=0, cmk^*

entrée : $rgb/cmyk \rightarrow rgb_{dd}$
sortie : linéarisation 3D selon cmk^*_{dd}

Entrée et sortie: Système Printer Reflective FRS06a pour la teinte CIELAB relative $h_{ab,a,rel} = h_{ab}/360 = 145/360 = 0.4$

$H^*_d = Y75G_d$

Données de couleurs périphériques (d)

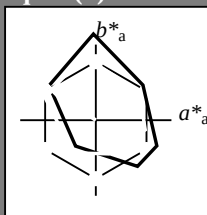
ou élémentaires (e):

HIC^*_d

code de teinte pour les couleurs de cette page:

$H^*_d = Y75G_d$

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):

$LabCh^*_{d,Ma}$: 60 -57 39 70 145

$HIC^*_{d,Ma}$: Y75G_100_100d

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

0.23 1.0 0.0 1.0 1.0

triangle de luminosité T^*

% Gamme

$u^*_{rel} = 114$

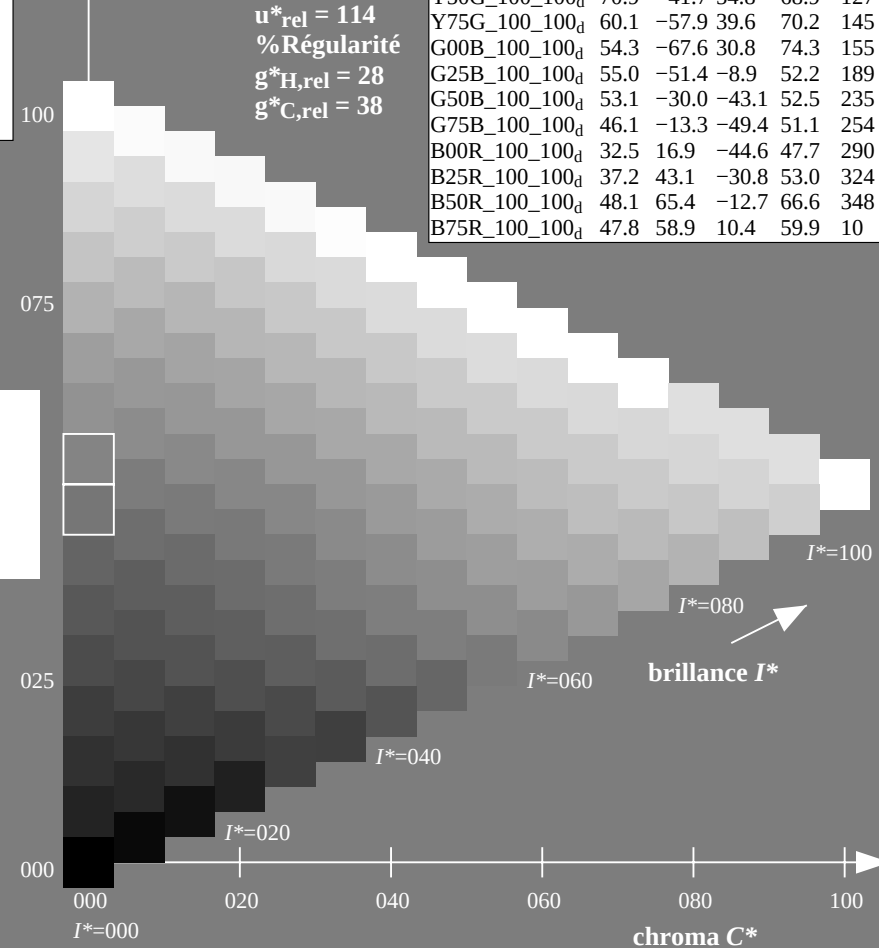
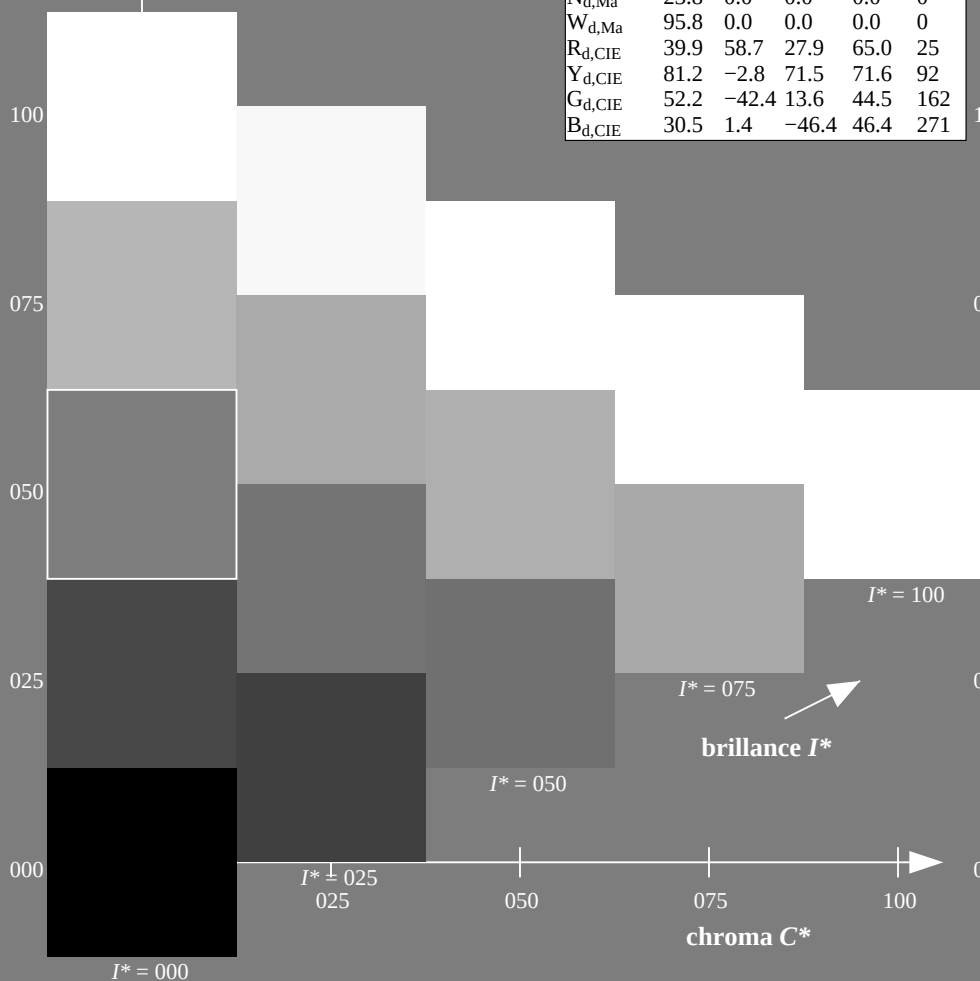
% Régularité

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

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

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	33
$R25Y_{100_100d}$	57.4	43.5	54.5	69.7	51
$R50Y_{100_100d}$	70.5	19.2	66.2	69.0	73
$R75Y_{100_100d}$	83.5	-2.9	76.8	76.9	92
$Y00G_{100_100d}$	91.5	-15.8	84.6	86.1	100
$Y25G_{100_100d}$	90.4	-20.9	86.5	89.0	103
$Y50G_{100_100d}$	70.9	-41.7	54.8	68.9	127
$Y75G_{100_100d}$	60.1	-57.9	39.6	70.2	145
$G00B_{100_100d}$	54.3	-67.6	30.8	74.3	155
$G25B_{100_100d}$	55.0	-51.4	-8.9	52.2	189
$G50B_{100_100d}$	53.1	-30.0	-43.1	52.5	235
$G75B_{100_100d}$	46.1	-13.3	-49.4	51.1	254
$B00R_{100_100d}$	32.5	16.9	-44.6	47.7	290
$B25R_{100_100d}$	37.2	43.1	-30.8	53.0	324
$B50R_{100_100d}$	48.1	65.4	-12.7	66.6	348
$B75R_{100_100d}$	47.8	58.9	10.4	59.9	10



graphique TUB-QF69; code de teinte: $H^*_d = Y75G_d$
graphique conforme à DIN 33872, 3D=1, de=0, cmk^*

entrée : $rgb/cmyk \rightarrow rgb_{dd}$
sortie : linéarisation 3D selon cmk^*_{dd}

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

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

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

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

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

$h_{ab,s}$

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

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

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

$h_{ab,e}$

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

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

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

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

rgb^*_{de}

3-103630-L0 QF690-72 LAB*la0, YN=0%, XYZnw=3.9, 4.1, 4.1, 84.7, 89.6, 93.9, LAB*nw=23.9, 0.0, 0.0, 95.8, 0.0, 0.0

graphique TUB-QF69; code de teinte: $H^*_d=Y75G_d$
cercle chromatique 48 paliers; tableaux $rgb-LabCh^*$

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

sortie : linéarisation 3D selon $cmyk^*_{dd}$

sortie: Laser printer output; separation cmy6*, D65, page 7/33

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

hab,s			hbs			rgb*dd64M			LAB*ddx64M (x=LabCh)			rgb*ddx361M			LAB*ddx361M (x=LabCh)			rgb*dsx361M			LAB*dsx361M (x=LabCh)			rgb*dex361M			LAB*dex361M							
33.4	30.0	25.4	1.0	0.0	0.0	47.5	57.2	37.8	68.6	33.4	1.0	0.0	0.0	47.6	57.2	37.9	68.6	33	1.0	0.0	0.158	47.7	56.3	32.5	65.0	30	1.0	0.0	0.263	47.6	56.1	26.7	62.1	25
42.1	37.5	33.8	1.0	0.125	0.0	51.9	54.3	49.2	73.2	42.1	1.0	0.117	0.0	51.7	54.6	48.5	73.0	41	1.0	0.05	0.0	49.4	56.3	42.4	70.5	37	1.0	0.0	0.012	47.6	57.2	37.5	68.4	33
52.8	45.0	42.1	1.0	0.25	0.0	58.2	41.8	55.1	69.2	52.8	1.0	0.25	0.0	58.3	41.8	55.2	69.2	52	1.0	0.158	0.0	53.6	51.1	51.1	72.2	45	1.0	0.125	0.0	52.0	54.3	49.2	73.3	42
63.7	52.5	50.5	1.0	0.375	0.0	64.6	29.8	60.4	67.3	63.7	1.0	0.367	0.0	64.2	30.6	60.1	67.5	63	1.0	0.24	0.0	57.8	42.8	54.8	69.6	52	1.0	0.216	0.0	56.6	45.2	53.9	70.3	49
73.8	60.0	58.8	1.0	0.5	0.0	70.5	19.2	66.2	69.0	73.8	1.0	0.5	0.0	70.5	19.2	66.3	69.0	73	1.0	0.332	0.0	62.5	34.0	58.9	68.0	60	1.0	0.32	0.0	61.8	35.2	58.4	68.2	58
80.7	67.5	67.2	1.0	0.625	0.0	74.9	11.4	70.7	71.6	80.7	1.0	0.617	0.0	74.6	12.0	70.5	71.5	80	1.0	0.416	0.0	66.6	26.5	62.5	67.9	67	1.0	0.412	0.0	66.4	26.9	62.3	67.9	66
91.5	75.0	75.6	1.0	0.75	0.0	82.9	-2.0	76.9	77.0	91.5	1.0	0.75	0.0	83.0	-1.9	77.0	77.0	-268	1.0	0.521	0.0	71.3	18.0	67.1	69.5	75	1.0	0.532	0.0	71.6	17.3	67.5	69.7	75
96.8	82.5	83.9	1.0	0.875	0.0	87.6	-9.0	75.7	76.3	96.8	1.0	0.867	0.0	87.3	-8.5	75.9	76.4	96	1.0	0.639	0.0	75.8	10.1	71.6	72.3	82	1.0	0.655	0.0	76.9	8.4	72.5	73.0	83
100.5	90.0	92.3	1.0	1.0	0.0	91.5	-15.8	84.6	86.1	100.5	1.0	1.0	0.0	91.6	-15.7	84.7	86.2	100	1.0	0.732	0.0	81.8	0.0	76.3	76.3	90	1.0	0.769	0.0	83.7	-3.0	76.8	76.9	92
101.4	97.5	101.0	0.875	1.0	0.0	92.8	-18.1	89.4	91.2	101.4	0.883	1.0	0.0	92.7	-17.9	89.1	90.9	101	1.0	0.88	0.0	87.8	-9.3	76.2	76.7	97	1.0	0.996	0.0	91.5	-15.5	84.4	85.8	100
103.9	105.0	109.7	0.75	1.0	0.0	90.1	-21.3	86.0	88.6	103.9	0.75	1.0	0.0	90.1	-21.3	86.0	88.7	103	0.738	1.0	0.0	89.2	-22.5	84.4	87.4	105	0.684	1.0	0.0	84.7	-27.5	76.7	81.5	100
115.0	112.5	118.5	0.625	1.0	0.0	79.9	-31.7	67.9	75.0	115.0	0.633	1.0	0.0	80.6	-31.1	69.2	75.9	114	0.659	1.0	0.0	82.7	-29.4	73.0	78.8	112	0.595	1.0	0.0	77.8	-34.4	65.0	73.6	110
127.3	120.0	127.2	0.5	1.0	0.0	70.9	-41.7	54.8	68.9	127.3	0.5	1.0	0.0	71.0	-41.7	54.8	68.9	127	0.574	1.0	0.0	76.3	-36.2	62.8	72.6	120	0.501	1.0	0.0	71.0	-41.6	54.9	68.9	120
134.7	127.5	136.0	0.375	1.0	0.0	66.5	-47.5	48.0	67.6	134.7	0.383	1.0	0.0	66.9	-47.1	48.5	67.7	134	0.503	1.0	0.0	71.2	-41.5	55.2	69.1	127	0.366	1.0	0.0	66.2	-48.2	47.6	67.7	130
144.7	135.0	144.7	0.25	1.0	0.0	60.6	-57.2	40.4	70.1	144.7	0.25	1.0	0.0	60.6	-57.2	40.5	70.1	144	0.372	1.0	0.0	66.4	-47.8	47.9	67.7	135	0.25	1.0	0.0	60.6	-57.1	40.5	70.1	140
151.0	142.5	153.4	0.125	1.0	0.0	57.0	-62.2	34.4	71.1	151.0	0.133	1.0	0.0	57.3	-61.8	34.8	71.0	150	0.284	1.0	0.0	62.3	-54.6	42.7	69.4	142	0.073	1.0	0.0	55.9	-64.4	33.0	72.5	150
155.5	150.0	162.2	0.0	1.0	0.0	54.3	-67.6	30.8	74.3	155.5	0.0	1.0	0.0	54.3	-67.6	30.8	74.4	155	0.146	1.0	0.0	57.6	-61.3	35.5	70.9	150	0.0	1.0	0.147	53.8	-65.9	21.1	69.3	160
160.8	157.5	169.0	0.0	1.0	0.125	53.8	-66.4	23.0	70.2	160.8	0.0	1.0	0.117	53.9	-66.4	23.5	70.6	160	0.0	1.0	0.035	54.2	-67.3	28.6	73.2	157	0.0	1.0	0.251	53.8	-63.0	12.7	64.4	160
168.5	165.0	175.9	0.0	1.0	0.25	53.7	-63.1	12.8	64.4	168.5	0.0	1.0	0.25	53.8	-63.1	12.8	64.4	168	0.0	1.0	0.192	53.8	-64.7	17.4	67.1	165	0.0	1.0	0.331	54.4	-59.3	4.2	59.5	170
179.9	172.5	182.7	0.0	1.0	0.375	54.7	-56.8	0.0	56.8	179.9	0.0	1.0	0.367	54.7	-57.2	0.8	57.3	179	0.0	1.0	0.288	54.1	-61.4	8.6	62.1	172	0.0	1.0	0.405	54.8	-55.6	-2.1	55.7	180
189.8	180.0	189.6	0.0	1.0	0.5	55.0	-51.4	-8.9	52.2	189.8	0.0	1.0	0.5	55.0	-51.4	-8.8	52.2	189	0.0	1.0	0.375	54.8	-56.7	0.0	56.8	180	0.0	1.0	0.497	55.0	-51.5	-8.6	52.3	180
204.4	187.5	196.4	0.0	1.0	0.625	55.3	-44.1	-20.0	48.5	204.4	0.0	1.0	0.617	55.3	-44.6	-19.3	48.8	203	0.0	1.0	0.464	55.0	-53.0	-6.4	53.5	187	0.0	1.0	0.553	55.2	-48.6	-13.9	50.7	190
214.4	195.0	203.2	0.0	1.0	0.75	55.2	-39.5	-27.1	47.9	214.4	0.0	1.0	0.75	55.2	-39.4	-27.0	47.9	214	0.0	1.0	0.544	55.2	-49.1	-13.1	50.9	195	0.0	1.0	0.615	55.3	-44.7	-19.2	48.8	200
221.9	202.5	210.1	0.0	1.0	0.875	54.4	-36.7	-33.0	49.4	221.9	0.0	1.0	0.867	54.5	-36.9	-32.6	49.4	221	0.0	1.0	0.604	55.3	-45.5	-18.3	49.1	202	0.0	1.0	0.69	55.3	-41.8	-23.8	48.2	200
235.1	210.0	216.9	0.0	1.0	1.0	53.1	-30.0	-43.1	52.5	235.1	0.0	1.0	1.0	53.1	-29.9	-43.0	52.5	235	0.0	1.0	0.694	55.3	-41.6	-24.0	48.2	210	0.0	1.0	0.792	55.0	-38.6	-29.0	48.4	210
237.9	215.5	223.8	0.0	0.875	1.0	53.1	-27.9	-44.7	52.7	237.9	0.0	0.883	1.0	53.1	-28.0	-44.5	52.8	237	0.0	1.0	0.792	55.0	-38.6	-29.1	48.5	217	0.0	1.0	0.888	54.3	-36.1	-34.1	49.8	220
241.3	225.0	230.6	0.0	0.75	1.0	52.9	-25.9	-47.5	54.1	241.3	0.0	0.75	1.0	52.9	-25.8	-47.5	54.2	241	0.0	1.0	0.904	54.2	-35.4	-35.4	50.2	225	0.0	1.0	0.957	53.6	-32.5	-39.7	51.5	220
247.2	232.5	237.5	0.0	0.625	1.0	50.5	-20.8	-49.5	53.7	247.2	0.0	0.633	1.0	50.7	-21.1	-49.3	53.8	246	0.0	1.0	0.97	53.5	-31.8	-40.7	51.8	232	0.0	0.916	1.0	53.1	-28.6	-44.1	52.7	230
254.9	240.0	244.3	0.0	0.5	1.0	46.1	-13.3	-49.4	51.1	254.9	0.0	0.5	1.0	46.2	-13.2	-49.3	51.2	254	0.0	0.801	1.0	53.0	-26.7	-46.3	53.6	240	0.0	0.686	1.0	51.7	-23.3	-48.5	54.0	240
262.6	247.5	251.2	0.0	0.375	1.0	41.4	-6.3	-49.2	49.6	262.6	0.0	0.383	1.0	41.7	-6.7	-49.2	49.8	262	0.0	0.63	1.0	50.7	-20.9	-49.4	53.8	247	0.0	0.568	1.0	48.6	-17.2	-49.5	52.6	250
272.6	255.0	258.0	0.0	0.25	1.0	36.8	2.2	-48.5	48.6	272.6	0.0	0.25	1.0	36.9	2.2	-48.5	48.6	272	0.0	0.499	1.0	46.1	-13.1	-49.3	51.2	255	0.0	0.449	1.0	44.2	-10.4	-49.4	50.6	255
281.4	262.5	264.8	0.0	0.125	1.0	35.0	9.4	-46.3	47.3	281.4	0.0	0.133	1.0	35.2	8.9	-46.5	47.4	280	0.0	0.386	1.0	41.8	-6.8	-49.2	49.8	262	0.0	0.353	1.0	40.6	-4.7	-49.2	49.5	260
290.8	270.0	271.7	0.0	0.0	1.0	32.5	16.9	-44.6	47.7	290.8	0.0	0.0	1.0	32.6	16.9	-44.5	47.7	290	0.0	0.283	1.0	38.1	0.0	-48.8	48.9	270	0.0	0.261	1.0	37.3	1.5	-48.6	48.7	270
299.2	277.5	278.8	0.125	0.0	1.0	31.6	23.6	-42.2	48.4	299.2	0.117	0.0	1.0	31.7	23.2	-42.3	48.4	298	0.0	0.188	1.0	36.0	5.8	-47.5	48.0	277	0.0	0.169	1.0	35.7	7.0	-47.2	47.8	270
307.8	285.0	285.9	0.25	0.0	1.0	31.0	30.5	-39.3	49.8	307.8	0.25	0.0	1.0	31.0	30.6	-39.3	49.9	307	0.0	0.078	1.0	34.1	12.3	-45.8	47.5	285	0.0	0.065	1.0	33.9	13.1	-45.6	47.5	280
317.5	292.5	293.0	0.375	0.0	1.0	34.2	38.2	-35.0	51.8	317.5	0.367	0.0	1.0	34.0	37.8	-35.3	51.7	316	0.018	0.0	1.0	32.4	17.9	-44.2	47.8	292	0.026	0.0	1.0	32.4	18.4	-44.1	47.9	290
324.4	300.0	300.1	0.5	0.0	1.0	37.2	43.1	-30.8	53.0	324.4	0.5	0.0	1.0	37.2	43.2	-30.8	53.1	324	0.136	0.0	1.0	31.6	24.3	-41.9	48.5	300	0.139	0.0	1.0	31.5	24.4	-41.9	48.6	300
330.6	307.5	307.2	0.625	0.0	1.0	39.1	48.4	-27.2	55.6	330.6	0.617	0.0	1.0	39.0	48.1	-27.4	55.4	330	0.238	0.0	1.0	31.1	29.9	-39.6	49.7	307	0.235	0.0	1.0	31.1	29.8	-39.7	49.7	300
338.7	315.0	314.3	0.75	0.0	1.0	41.8	55.1	-21.4	59.1	338.7	0.75	0.0	1.0	41.9	55.2	-21.5	59.2	338	0.343	0.0	1.0	33.4	36.3	-36.2	51.4	315	0.335	0.0	1.0	33.2	35.8	-36.5	51.2	310
343.9	322.5	321.4	0.875	0.0	1.0																													

QF690-72	LAB*la0, YN=0%, XYZnw=3.9, 4.1, 4.1, 84.7, 89.6, 93.9, LAB*nw=23.9, 0.0, 0.0, 95.8, 0.0, 0.0
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sortie: Laser printer output; separation cmyn6*, D65, page 8/33

graphique TUB-QF69; code de teinte: $H^*_d=Y75G_d$
cercle chromatique 48 paliers: tableaux *rgb-LabCh**

entrée : $rgb/cmyk \rightarrow rgb_{dd}$
 sortie : linéarisation 3D selon $cmyk^*_{dd}$

TUB enregistrement: 20130201-QF69/QF69L0FP.PDF/.PS TUB matériel: code=rha4ta
application pour la mesure des sorties sur imprimante laser, séparation cmyk6* (CMYK)

TUB matériel: code=rh4ta

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}	$LAB^*_{dd64M}(x=LabCh)$		$rgb^*_{dex361M}$	$LAB^*_{dex361M}$	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

3-103830-L0

QF690-72

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

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

graphique TUB-QF69; code de teinte: $H^*_d=Y75G_d$
cercle chromatique 48 paliers; tableaux $rgb-LabCh^*$

entrée : $rgb/cmyk \rightarrow rgb_{dd}$
sortie : linéarisation 3D selon $cmyk^*_{dd}$

TUB enregistrement: 20130201-QF69/QF69L0FP.PDF /.PS
application pour la mesure des sorties sur imprimante laser, séparation cmy6* (CMYK)
TUB matériel: code=rh4ta

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															
h _{ab,d}	h _{ab,s}	h _{ab,e}	rgb* dd361Mi	LAB* ddx361Mi (x=LabCh)		rgb* ds361Mi	LAB* dsx361Mi (x=LabCh)		rgb* dd361Mi	LAB* dex361Mi (x=LabCh)		rgb* dd361Mi	rgb* dd	rgb* ds	rgb* de
33	30	25	1.0	0.0	0.0	47.5	57.2	37.8	68.6	33	1.0	0.0	0.0		
34	31	26	1.0	0.016	0.0	48.1	56.9	39.3	69.2	34	1.0	0.017	0.0		
35	32	27	1.0	0.033	0.0	48.7	56.6	40.8	69.8	35	1.0	0.033	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		
38	34	29	1.0	0.066	0.0	49.9	55.9	43.9	71.1	38	1.0	0.067	0.0		
39	35	31	1.0	0.083	0.0	50.5	55.5	45.4	71.7	39	1.0	0.083	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		
41	37	33	1.0	0.116	0.0	51.6	54.5	48.4	72.9	41	1.0	0.117	0.0		
42	38	34	1.0	0.133	0.0	52.3	53.4	49.7	73.0	42	1.0	0.133	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		
45	40	36	1.0	0.166	0.0	54.0	50.2	51.5	71.9	45	1.0	0.167	0.0		
47	41	37	1.0	0.183	0.0	54.9	48.5	52.3	71.4	47	1.0	0.183	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		
50	43	39	1.0	0.216	0.0	56.6	45.2	53.8	70.3	50	1.0	0.217	0.0		
51	44	41	1.0	0.233	0.0	57.4	43.5	54.5	69.7	51	1.0	0.233	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		
54	46	43	1.0	0.266	0.0	59.1	40.2	56.0	69.0	54	1.0	0.267	0.0		
55	47	44	1.0	0.283	0.0	59.9	38.6	56.8	68.7	55	1.0	0.283	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		
58	49	46	1.0	0.316	0.0	61.6	35.5	58.2	68.2	58	1.0	0.317	0.0		
60	50	47	1.0	0.333	0.0	62.5	33.9	58.9	68.0	60	1.0	0.333	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		
63	52	49	1.0	0.366	0.0	64.2	30.6	60.1	67.5	63	1.0	0.367	0.0		
64	53	51	1.0	0.383	0.0	65.0	29.1	60.8	67.4	64	1.0	0.383	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		
67	55	53	1.0	0.416	0.0	66.6	26.4	62.5	67.9	67	1.0	0.417	0.0		
68	56	54	1.0	0.433	0.0	67.3	25.0	63.3	68.1	68	1.0	0.433	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		
71	58	56	1.0	0.466	0.0	68.9	22.1	64.8	68.5	71	1.0	0.467	0.0		
72	59	57	1.0	0.483	0.0	69.7	20.7	65.6	68.8	72	1.0	0.483	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		
74	61	60	1.0	0.516	0.0	71.0	18.2	66.9	69.3	74	1.0	0.517	0.0		
75	62	61	1.0	0.533	0.0	71.6	17.2	67.5	69.7	75	1.0	0.533	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		
77	64	63	1.0	0.566	0.0	72.8	15.1	68.7	70.4	77	1.0	0.567	0.0		
78	65	64	1.0	0.583	0.0	73.4	14.1	69.3	70.7	78	1.0	0.583	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		
80	67	66	1.0	0.616	0.0	74.6	12.0	70.4	71.4	80	1.0	0.617	0.0		
81	68	67	1.0	0.633	0.0	75.4	10.6	71.2	72.0	81	1.0	0.633	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		
84	70	70	1.0	0.666	0.0	77.5	7.2	73.0	73.4	84	1.0	0.667	0.0		
85	71	71	1.0	0.683	0.0	78.6	5.4	73.9	74.1	85	1.0	0.683	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		
88	73	73	1.0	0.716	0.0	80.8	1.7	75.5	75.5	88	1.0	0.717	0.0		
-269	74	74	1.0	0.733	0.0	81.8	-0.1	76.3	76.3	-269	1.0	0.733	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		

3-103930-L0 QF690-72 LAB*la0, YN=0%, XYZnw=3.9, 4.1, 4.1, 84.7, 89.6, 93.9, LAB*nw=23.9, 0.0, 0.0, 95.8, 0.0, 0.0

sortie: Laser printer output; separation cmy6*, D65, page 10/33

graphique TUB-QF69; code de teinte: $H^*_d=Y75G_d$
cercle chromatique 48 paliers; tableaux $rgb-LabCh^*$

entrée : $rgb/cmyk \rightarrow rgb_{dd}$
sortie : linéarisation 3D selon $cmyk^*_{dd}$

voir fichiers similaires: <http://130.149.60.45/~farbmetrik/QF69/QF69L0FP.PDF> / .PS
informations techniques: <http://www.ps.bam.de> ou <http://130.149.60.45/~farbmetrik>

TUB enregistrement: 20130201-QF69/QF69L0FP.PDF / .PS
application pour la mesure des sorties sur imprimante laser, séparation cmy6* (CMYK)

TUB matériel: code=rh4ta

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

$-h_{ab}$	$-h_{ab,s}$	$-h_{ab,e}$	rgb^b	$dd361M$	LAB^*	$dsx361Mi$	$(x=LabCh)$	rgb^b	$ds361Mi$	LAB^*	$dsx361Mi$	$(x=LabCh)$	rgb^b	$dd361Mi$	rgb^b	$de361Mi$	LAB^*	$dex361Mi$	$(x=LabCh)$	rgb^b	$dd361Mi$	rgb^b	$ds361Mi$	rgb^b	$de361Mi$								
-268	75	75	1.0	0.75	0.0	82.9	-2.0	76.9	77.0	-268	R_d	1.0	0.521	0.0	71.3	18.0	67.1	69.5	75	1.0	0.75	0.0	1.0	0.532	0.0	71.6	17.3	67.5	69.7	75	1.0	0.75	0.0
92	76	76	1.0	0.766	0.0	83.5	-2.9	76.8	76.9	92		1.0	0.539	0.0	71.9	16.9	67.8	69.8	76	1.0	0.767	0.0	1.0	0.552	0.0	72.3	16.1	68.0	70.1	76	1.0	0.767	0.0
92	77	77	1.0	0.783	0.0	84.2	-3.9	76.7	76.8	92		1.0	0.557	0.0	72.5	15.8	68.4	70.2	77	1.0	0.783	0.0	1.0	0.572	0.0	73.0	14.9	69.0	70.5	77	1.0	0.783	0.0
93	78	78	1.0	0.8	0.0	84.8	-4.8	76.5	76.7	93		1.0	0.575	0.0	73.1	14.7	69.1	70.6	78	1.0	0.8	0.0	1.0	0.592	0.0	73.7	13.6	69.7	71.0	78	1.0	0.8	0.0
94	79	80	1.0	0.816	0.0	85.4	-5.8	76.4	76.6	94		1.0	0.593	0.0	73.8	13.5	69.7	71.0	79	1.0	0.817	0.0	1.0	0.612	0.0	74.4	12.3	70.3	71.4	80	1.0	0.817	0.0
95	80	81	1.0	0.833	0.0	86.0	-6.7	76.2	76.5	95		1.0	0.611	0.0	74.4	12.4	70.3	71.4	80	1.0	0.833	0.0	1.0	0.629	0.0	75.2	11.0	71.0	71.9	81	1.0	0.833	0.0
95	81	82	1.0	0.85	0.0	86.6	-7.6	76.0	76.4	95		1.0	0.627	0.0	75.1	11.2	70.9	71.8	81	1.0	0.85	0.0	1.0	0.642	0.0	76.0	9.7	71.8	72.4	82	1.0	0.85	0.0
96	82	83	1.0	0.866	0.0	87.3	-8.6	75.8	76.3	96		1.0	0.639	0.0	75.8	10.1	71.6	72.3	82	1.0	0.867	0.0	1.0	0.655	0.0	76.9	8.4	72.5	73.0	83	1.0	0.867	0.0
97	83	84	1.0	0.883	0.0	87.8	-9.4	76.3	76.9	97		1.0	0.651	0.0	76.6	8.9	72.2	72.8	83	1.0	0.883	0.0	1.0	0.668	0.0	77.7	7.0	73.2	73.5	84	1.0	0.883	0.0
97	84	85	1.0	0.9	0.0	88.4	-10.3	77.6	78.2	97		1.0	0.662	0.0	77.3	7.7	72.9	73.3	84	1.0	0.9	0.0	1.0	0.681	0.0	78.5	5.6	73.9	74.1	85	1.0	0.9	0.0
98	85	86	1.0	0.916	0.0	88.9	-11.2	78.8	79.6	98		1.0	0.674	0.0	78.1	6.4	73.5	73.8	85	1.0	0.917	0.0	1.0	0.694	0.0	79.4	4.2	74.5	74.6	86	1.0	0.917	0.0
98	86	87	1.0	0.933	0.0	89.4	-12.0	80.0	80.9	98		1.0	0.686	0.0	78.8	5.2	74.1	74.3	86	1.0	0.933	0.0	1.0	0.707	0.0	80.2	2.8	75.1	75.2	87	1.0	0.933	0.0
99	87	88	1.0	0.95	0.0	89.9	-12.9	81.1	82.2	99		1.0	0.697	0.0	79.6	3.9	74.7	74.8	87	1.0	0.95	0.0	1.0	0.72	0.0	81.1	1.4	75.7	75.7	88	1.0	0.95	0.0
99	88	90	1.0	0.966	0.																												

3-1031030-L0	QF690-72	LAB*la0, YN=0%, XYZnw=3.9, 4.1, 4.1, 84.7, 89.6, 93.9, LAB*nw=23.9, 0.0, 0.0, 95.8, 0.0, 0.0
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sortie: Laser printer output; separation cmyn6*, D65, page 11/38

graphique TUB-QF69; code de teinte: $H^*_d=Y75G_d$
cercle chromatique 48 paliers; tableaux *rgb-LabCh**

entrée : $rgb/cmyk \rightarrow rgb_{dd}$
 sortie : linéarisation 3D selon $cmyk^*_{dd}$

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 $RYGCBM_g$; $h_{ab,d} = 33.5, 100.6, 155.5, 235.2, 290.8, 348.9$; 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}	$LAB^*_{dd361Mi} (x=LabCh)$	$rgb^*_{ds361Mi}$	$LAB^*_{dsx361Mi} (x=LabCh)$	$rgb^*_{dd361Mi}$	$LAB^*_{de361Mi}$	$rgb^*_{dex361Mi} (x=LabCh)$	$rgb^*_{dd361Mi}$	$LAB^*_{dd361Mi}$	$rgb^*_{ds361Mi}$	$LAB^*_{dsx361Mi} (x=LabCh)$	$rgb^*_{dd361Mi}$	$LAB^*_{de361Mi}$	$rgb^*_{dex361Mi} (x=LabCh)$	$rgb^*_{dd361Mi}$
127	120	127	0.5	1.0	0.0	70.9	-41.7	54.8	68.9	127	0.5	1.0	0.0	70.9	-41.7	54.8	68.9
128	121	128	0.483	1.0	0.0	70.4	-42.6	53.9	68.7	128	0.483	1.0	0.0	70.4	-42.6	53.9	68.7
129	122	129	0.466	1.0	0.0	69.8	-43.4	53.0	68.5	129	0.466	1.0	0.0	69.8	-43.4	53.0	68.5
130	123	130	0.45	1.0	0.0	69.2	-44.2	52.1	68.3	130	0.45	1.0	0.0	69.2	-44.2	52.1	68.3
131	124	131	0.433	1.0	0.0	68.6	-45.0	51.2	68.2	131	0.433	1.0	0.0	68.6	-45.0	51.2	68.2
132	125	132	0.416	1.0	0.0	68.0	-45.7	50.3	68.0	132	0.416	1.0	0.0	68.0	-45.7	50.3	68.0
133	126	133	0.4	1.0	0.0	67.4	-46.5	49.4	67.8	133	0.4	1.0	0.0	67.4	-46.5	49.4	67.8
134	127	134	0.383	1.0	0.0	66.8	-47.2	48.5	67.7	134	0.383	1.0	0.0	66.8	-47.2	48.5	67.7
135	128	135	0.366	1.0	0.0	66.1	-48.2	47.5	67.7	135	0.366	1.0	0.0	66.1	-48.2	47.5	67.7
136	129	136	0.35	1.0	0.0	65.4	-49.5	46.6	68.1	136	0.35	1.0	0.0	65.4	-49.5	46.6	68.1
138	130	138	0.333	1.0	0.0	64.6	-50.9	45.7	68.4	138	0.333	1.0	0.0	64.6	-50.9	45.7	68.4
139	131	140	0.316	1.0	0.0	63.8	-52.2	44.7	68.7	139	0.316	1.0	0.0	63.8	-52.2	44.7	68.7
140	132	141	0.3	1.0	0.0	63.0	-53.5	43.7	69.1	140	0.3	1.0	0.0	63.0	-53.5	43.7	69.1
142	133	142	0.283	1.0	0.0	62.2	-54.7	42.6	69.4	142	0.283	1.0	0.0	62.2	-54.7	42.6	69.4
143	134	143	0.266	1.0	0.0	61.4	-56.0	41.5	69.7	143	0.266	1.0	0.0	61.4	-56.0	41.5	69.7
144	135	144	0.25	1.0	0.0	60.6	-57.2	40.4	70.1	144	0.25	1.0	0.0	60.6	-57.2	40.4	70.1
145	136	145	0.233	1.0	0.0	60.1	-57.9	39.6	70.2	145	0.233	1.0	0.0	60.1	-57.9	39.6	70.2
146	137	147	0.216	1.0	0.0	59.6	-58.6	38.9	70.3	146	0.216	1.0	0.0	59.6	-58.6	38.9	70.3
147	138	148	0.2	1.0	0.0	59.1	-59.3	38.1	70.5	147	0.2	1.0	0.0	59.1	-59.3	38.1	70.5
148	139	149	0.183	1.0	0.0	58.7	-59.9	37.3	70.6	148	0.183	1.0	0.0	58.7	-59.9	37.3	70.6
148	140	150	0.166	1.0	0.0	58.2	-60.6	36.4	70.7	148	0.166	1.0	0.0	58.2	-60.6	36.4	70.7
149	141	151	0.15	1.0	0.0	57.7	-61.2	35.6	70.9	149	0.15	1.0	0.0	57.7	-61.2	35.6	70.9
150	142	152	0.133	1.0	0.0	57.2	-61.9	34.8	71.0	150	0.133	1.0	0.0	57.2	-61.9	34.8	71.0
151	143	154	0.116	1.0	0.0	56.8	-62.5	34.1	71.3	151	0.116	1.0	0.0	56.8	-62.5	34.1	71.3
151	144	155	0.1	1.0	0.0	56.4	-63.3	33.7	71.7	151	0.1	1.0	0.0	56.4	-63.3	33.7	71.7
152	145	156	0.083	1.0	0.0	56.1	-64.0	33.2	72.1	152	0.083	1.0	0.0	56.1	-64.0	33.2	72.1
153	146	157	0.066	1.0	0.0	55.7	-64.7	32.8	72.6	153	0.066	1.0	0.0	55.7	-64.7	32.8	72.6
153	147	158	0.049	1.0	0.0	55.4	-65.5	32.3	73.0	153	0.049	1.0	0.0	55.4	-65.5	32.3	73.0
154	148	159	0.033	1.0	0.0	55.0	-66.2	31.8	73.5	154	0.033	1.0	0.0	55.0	-66.2	31.8	73.5
154	149	161	0.016	1.0	0.0	54.7	-66.9	31.3	73.9	154	0.016	1.0	0.0	54.7	-66.9	31.3	73.9
155	150	162	0.0	1.0	0.0	54.3	-67.6	30.8	74.3	155	0.0	1.0	0.0	54.3	-67.6	30.8	74.3
156	151	163	0.0	1.0	0.016	54.2	-67.5	29.7	73.8	156	0.0	1.0	0.016	54.2	-67.5	29.7	73.8
156	152	164	0.0	1.0	0.033	54.2	-67.4	28.6	73.2	156	0.0	1.0	0.033	54.2	-67.4	28.6	73.2
157	153	164	0.0	1.0	0.05	54.1	-67.2	27.6	72.7	157	0.0	1.0	0.05	54.1	-67.2	27.6	72.7
158	154	165	0.0	1.0	0.066	54.0	-67.1	26.6	72.1	158	0.0	1.0	0.066	54.0	-67.1	26.6	72.1
159	155	166	0.0	1.0	0.083	53.9	-66.9	25.5	71.6	159	0.0	1.0	0.083	53.9	-66.9	25.5	71.6
159	156	167	0.0	1.0	0.1	53.9	-66.7	24.5	71.1	159	0.0	1.0	0.1	53.9	-66.7	24.5	71.1
160	157	168	0.0	1.0	0.116	53.8	-66.5	23.5	70.5	160	0.0	1.0	0.116	53.8	-66.5	23.5	70.5
161	158	169	0.0	1.0	0.133	53.8	-66.2	22.3	69.9	161	0.0	1.0	0.133	53.8	-66.2	22.3	69.9
162	159	170	0.0	1.0	0.15	53.8	-65.8	20.8	69.1	162	0.0	1.0	0.15	53.8	-65.8	20.8	69.1
163	160	171	0.0	1.0	0.166	53.8	-65.5	19.4	68.3	163	0.0	1.0	0.166	53.8	-65.5	19.4	68.3
164	161	172	0.0	1.0	0.183	53.8	-65.0	18.1	67.5	164	0.0	1.0	0.183	53.8	-65.0	18.1	67.5
165	162	173	0.0	1.0	0.2	53.8	-64.6	16.7	66.7	165	0.0	1.0	0.2	53.8	-64.6	16.7	66.7
166	163	174	0.0	1.0	0.216	53.7	-64.1	15.4	66.0	166	0.0	1.0	0.216	53.7	-64.1	15.4	66.0
167	164	175	0.0	1.0	0.233	53.7	-63.6	14.1	65.2	167	0.0	1.0	0.233	53.7	-63.6	14.1	65.2
168	165	175	0.0	1.0	0.25	53.7	-63.1	12.8	64.4	168	0.0	1.0	0.25	53.7	-63.1	12.8	64.4

3-1031130-L0 QF690-72 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

sortie: Laser printer output; separation cmy6*, D65, page 12/33

graphique TUB-QF69; code de teinte: $H^*_d=Y75G_d$
cercle chromatique 48 paliers; tableaux $rgb-LabCh^*$

entrée : $rgb/cmyk \rightarrow rgb_{dd}$
sortie : linéarisation 3D selon $cmyk^*_{dd}$

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^*_{dd361M}	$LAB^*_{dsx361Mi}$ (x=LabCh)	$rgb^*_{ds361Mi}$	$LAB^*_{dsx361Mi}$ (x=LabCh)	$rgb^*_{dd361Mi}$	$LAB^*_{dex361Mi}$ (x=LabCh)	$rgb^*_{de361Mi}$	$LAB^*_{dex361Mi}$ (x=LabCh)	$rgb^*_{dd361Mi}$	rgb^*_{dd}	rgb^*_{ds}	rgb^*_{de}					
168	165	175	0.0	1.0	0.25	53.7	-63.1	12.8	64.4	168	0.0	1.0	0.25	53.7	-63.1	12.8	64.4	168	
170	166	176	0.0	1.0	0.266	53.9	-62.4	10.9	63.4	170	0.0	1.0	0.267	53.8	-64.3	16.1	66.4	166	
171	167	177	0.0	1.0	0.283	54.0	-61.7	9.1	62.4	171	0.0	1.0	0.283	53.8	-63.8	14.8	65.6	167	
173	168	178	0.0	1.0	0.3	54.1	-60.9	7.3	61.3	173	0.0	1.0	0.3	54.0	-63.3	13.5	64.8	168	
174	169	179	0.0	1.0	0.316	54.3	-60.1	5.6	60.3	174	0.0	1.0	0.317	53.8	-62.8	12.2	64.1	169	
176	170	180	0.0	1.0	0.333	54.4	-59.2	3.9	59.3	176	0.0	1.0	0.333	53.9	-62.4	11.0	63.5	170	
177	171	181	0.0	1.0	0.35	54.5	-58.2	2.3	58.3	177	0.0	1.0	0.35	54.0	-61.9	9.8	62.8	171	
179	172	182	0.0	1.0	0.366	54.7	-57.3	0.8	57.3	179	0.0	1.0	0.367	54.1	-61.4	8.6	62.1	172	
180	173	183	0.0	1.0	0.383	54.7	-56.5	-0.6	56.5	180	0.0	1.0	0.383	54.2	-60.9	7.5	61.5	173	
181	174	184	0.0	1.0	0.4	54.8	-55.8	-1.8	55.9	181	0.0	1.0	0.4	54.3	-60.4	6.4	60.8	174	
183	175	185	0.0	1.0	0.416	54.8	-55.2	-3.1	55.2	183	0.0	1.0	0.417	54.3	-59.8	5.2	60.1	175	
184	176	185	0.0	1.0	0.433	54.8	-54.5	-4.3	54.6	184	0.0	1.0	0.433	54.4	-59.2	4.1	59.5	176	
185	177	186	0.0	1.0	0.45	54.9	-53.7	-5.5	54.0	185	0.0	1.0	0.45	54.5	-58.6	3.1	58.8	177	
187	178	187	0.0	1.0	0.466	54.9	-53.0	-6.6	53.4	187	0.0	1.0	0.467	54.6	-58.0	2.0	58.1	178	
188	179	188	0.0	1.0	0.483	55.0	-52.2	-7.8	52.8	188	0.0	1.0	0.483	54.7	-57.3	1.0	57.5	179	
189	180	189	0.0	1.0	0.5	55.0	-51.4	-8.9	52.2	189	0.0	1.0	0.5	54.8	-56.7	0.0	56.8	180	
191	181	190	0.0	1.0	0.516	55.0	-50.6	-10.5	51.7	191	0.0	1.0	0.517	54.8	-56.2	-0.9	56.3	181	
193	182	191	0.0	1.0	0.533	55.1	-49.7	-12.1	51.2	193	0.0	1.0	0.533	54.9	-55.7	-1.8	55.9	182	
195	183	192	0.0	1.0	0.55	55.1	-48.8	-13.7	50.7	195	0.0	1.0	0.55	54.9	-55.2	-2.8	55.4	183	
197	184	193	0.0	1.0	0.566	55.2	-47.8	-15.2	50.2	197	0.0	1.0	0.567	54.9	-54.7	-3.7	54.9	184	
199	185	194	0.0	1.0	0.583	55.2	-46.8	-16.6	49.7	199	0.0	1.0	0.583	54.9	-54.2	-4.6	54.5	185	
201	186	195	0.0	1.0	0.6	55.2	-45.8	-18.0	49.2	201	0.0	1.0	0.6	54.9	-53.6	-5.5	54.0	186	
203	187	195	0.0	1.0	0.616	55.3	-44.7	-19.4	48.7	203	0.0	1.0	0.617	55.0	-53.0	-6.4	53.5	187	
205	188	196	0.0	1.0	0.633	55.3	-43.8	-20.5	48.4	205	0.0	1.0	0.633	55.0	-52.5	-7.3	53.1	188	
206	189	197	0.0	1.0	0.65	55.3	-43.3	-21.5	48.3	206	0.0	1.0	0.65	55.0	-51.9	-8.1	52.6	189	
207	190	198	0.0	1.0	0.666	55.3	-42.7	-22.5	48.3	207	0.0	1.0	0.667	55.1	-51.3	-9.0	52.2	190	
209	191	199	0.0	1.0	0.683	55.2	-42.1	-23.4	48.2	209	0.0	1.0	0.683	55.1	-50.9	-9.8	51.9	191	
210	192	200	0.0	1.0	0.7	55.2	-41.5	-24.4	48.1	210	0.0	1.0	0.7	55.1	-50.5	-10.6	51.7	192	
211	193	201	0.0	1.0	0.716	55.2	-40.8	-25.3	48.0	211	0.0	1.0	0.717	55.1	-50.0	-11.5	51.4	193	
213	194	202	0.0	1.0	0.733	55.2	-40.2	-26.2	48.0	213	0.0	1.0	0.733	55.1	-49.6	-12.3	51.2	194	
214	195	203	0.0	1.0	0.75	55.2	-39.5	-27.1	47.9	214	0.0	1.0	0.75	55.2	-49.1	-13.1	50.9	195	
215	196	204	0.0	1.0	0.766	55.1	-39.2	-27.9	48.1	215	0.0	1.0	0.767	55.2	-48.6	-13.9	50.7	196	
216	197	205	0.0	1.0	0.783	55.0	-38.8	-28.7	48.3	216	0.0	1.0	0.783	55.0	-48.1	-14.6	50.4	197	
217	198	206	0.0	1.0	0.8	54.9	-38.5	-29.5	48.5	217	0.0	1.0	0.8	55.2	-47.6	-15.4	50.2	198	
218	199	206	0.0	1.0	0.816	54.8	-38.1	-30.3	48.7	218	0.0	1.0	0.817	55.2	-47.1	-16.1	49.9	199	
219	200	207	0.0	1.0	0.833	54.7	-37.7	-31.1	48.9	219	0.0	1.0	0.833	55.3	-46.6	-16.9	49.6	200	
220	201	208	0.0	1.0	0.85	54.6	-37.3	-31.9	49.1	220	0.0	1.0	0.85	55.3	-46.0	-17.6	49.4	201	
221	202	209	0.0	1.0	0.866	54.5	-36.9	-32.6	49.3	221	0.0	1.0	0.867	55.3	-45.5	-18.3	49.1	202	
222	203	210	0.0	1.0	0.883	54.3	-36.4	-33.7	49.6	222	0.0	1.0	0.883	55.3	-44.9	-19.0	48.9	203	
224	204	211	0.0	1.0	0.9	54.2	-35.6	-35.1	50.0	224	0.0	1.0	0.9	55.3	-44.3	-19.7	48.6	204	
226	205	212	0.0	1.0	0.916	54.0	-34.8	-36.5	50.4	226	0.0	1.0	0.917	55.3	-43.8	-20.4	48.5	205	
228	206	213	0.0	1.0	0.933	53.8	-33.9	-37.8	50.8	228	0.0	1.0	0.933	55.3	-43.4	-21.1	48.4	206	
229	207	214	0.0	1.0	0.95	53.6	-33.0	-39.2	51.2	229	0.0	1.0	0.95	55.3	-43.0	-21.9	48.4	207	
231	208	215	0.0	1.0	0.966	53.4	-32.0	-40.5	51.7	231	0.0	1.0	0.967	55.3	-42.6	-22.6	48.3	208	
233	209	216	0.0	1.0	0.983	53.3	-31.0	-41.8	52.1	233	0.0	1.0	0.983	55.3	-42.1	-23.3	48.3	209	
235	210	216	0.0	1.0	1.0	53.1	-30.0	-43.1	52.5	235	0.0	1.0	1.0	55.3	-41.6	-24.0	48.2	210	

3-1031230-L0 QF690-72 LAB*la0, YN=0%, XYZnw=3.9, 4.1, 4.1, 84.7, 89.6, 93.9, LAB*nw=23.9, 0.0, 0.0, 95.8, 0.0, 0.0

sortie: Laser printer output; separation cmy6*, D65, page 13/33

graphique TUB-QF69; code de teinte: $H^*_d=Y75G_d$
cercle chromatique 48 paliers; tableaux $rgb-LabCh^*$

entrée : $rgb/cmyk \rightarrow rgb_{dd}$
sortie : linéarisation 3D selon $cmyk^*_{dd}$

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 $RYGCBM_e$: $h_{ab,e} = 25.5, 92.3, 162.2, 217.0, 271.7, 328.6$																	
$h_{ab,d}$	$h_{ab,s}$	$h_{ab,e}$	rgb^*_{dd361M}	$LAB^*_{ddx361Mi}$ (x=LabCh)	C_d	$rgb^*_{ds361Mi}$	$LAB^*_{dsx361Mi}$ (x=LabCh)	$210C_s$	$rgb^*_{dd361Mi}$	$rgb^*_{de361Mi}$	$LAB^*_{dex361Mi}$ (x=LabCh)	$216C_e$	$rgb^*_{dd361Mi}$	rgb^*_{dd}	rgb^*_{ds}	rgb^*_{de}	
235	210	216	0.0	1.0	1.0	53.1	-30.0 -43.1 52.5	235	0.0	1.0	0.694 55.3	-41.6 -24.0 48.2	210	C_s	0.0	1.0	1.0
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	
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	
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	
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	
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	
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	
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	
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	
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	
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	
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	
240	222	227	0.0	0.8	1.0	52.9	-26.7 -46.4 53.6	240	0.0	1.0	0.875 54.5	-36.7 -33.0 49.5	222	0.0	0.8	1.0	
240	223	228	0.0	0.783	1.0	52.9	-26.5 -46.8 53.8	240	0.0	1.0	0.885 54.4	-36.2 -33.8 49.7	223	0.0	0.783	1.0	
240	224	229	0.0	0.766	1.0	52.9	-26.2 -47.2 53.9	240	0.0	1.0	0.894 54.3	-35.8 -34.6 49.9	224	0.0	0.767	1.0	
241	225	230	0.0	0.75	1.0	52.9	-25.9 -47.5 54.1	241	0.0	1.0	0.904 54.2	-35.4 -35.4 50.2	225	0.0	0.75	1.0	
242	226	231	0.0	0.733	1.0	52.6	-25.2 -47.8 54.1	242	0.0	1.0	0.913 54.1	-34.9 -36.2 50.4	226	0.0	0.733	1.0	
242	227	232	0.0	0.716	1.0	52.2	-24.5 -48.1 54.0	242	0.0	1.0	0.923 54.0	-34.4 -36.9 50.6	227	0.0	0.717	1.0	
243	228	233	0.0	0.7	1.0	51.9	-23.9 -48.4 54.0	243	0.0	1.0	0.932 53.9	-33.9 -37.7 50.9	228	0.0	0.7	1.0	
244	229	234	0.0	0.683	1.0	51.6	-23.2 -48.6 53.9	244	0.0	1.0	0.942 53.8	-33.4 -38.5 51.1	229	0.0	0.683	1.0	
245	230	235	0.0	0.666	1.0	51.3	-22.5 -48.9 53.8	245	0.0	1.0	0.951 53.7	-32.9 -39.2 51.3	230	0.0	0.667	1.0	
246	231	236	0.0	0.65	1.0	51.0	-21.8 -49.1 53.8	246	0.0	1.0	0.961 53.6	-32.3 -40.0 51.6	231	0.0	0.65	1.0	
246	232	237	0.0	0.633	1.0	50.7	-21.1 -49.4 53.7	246	0.0	1.0	0.97	53.5	-31.8 -40.7 51.8	232	0.0	0.633	1.0
247	233	237	0.0	0.616	1.0	50.2	-20.2 -49.5 53.5	247	0.0	1.0	0.98	53.4	-31.2 -41.5 52.0	233	0.0	0.617	1.0
248	234	238	0.0	0.6	1.0	49.7	-19.2 -49.6 53.2	248	0.0	1.0	0.989 53.2	-30.6 -42.2 52.3	234	0.0	0.6	1.0	
249	235	239	0.0	0.583	1.0	49.1	-18.2 -49.6 52.8	249	0.0	1.0	0.999 53.1	-30.0 -42.9 52.5	235	0.0	0.583	1.0	
250	236	240	0.0	0.566	1.0	48.5	-17.2 -49.6 52.5	250	0.0	0.963	1.0	53.1	-29.3 -43.5 52.6	236	0.0	0.567	1.0
251	237	241	0.0	0.55	1.0	47.9	-16.2 -49.5 52.2	251	0.0	0.918	1.0	53.1	-28.6 -44.1 52.7	237	0.0	0.55	1.0
252	238	242	0.0	0.533	1.0	47.3	-15.2 -49.5 51.8	252	0.0	0.874	1.0	53.1	-27.9 -44.7 52.8	238	0.0	0.533	1.0
253	239	243	0.0	0.516	1.0	46.7	-14.3 -49.4 51.5	253	0.0	0.838	1.0	53.0	-27.3 -45.5 53.2	239	0.0	0.517	1.0
254	240	244	0.0	0.5	1.0	46.1	-13.3 -49.4 51.1	254	0.0	0.801	1.0	53.0	-26.7 -46.3 53.6	240	0.0	0.5	1.0
255	241	245	0.0	0.483	1.0	45.5	-12.3 -49.4 50.9	255	0.0	0.764	1.0	52.9	-26.1 -47.2 54.0	241	0.0	0.483	1.0
256	242	246	0.0	0.466	1.0	44.8	-11.4 -49.4 50.7	256	0.0	0.737	1.0	52.7	-25.3 -47.7 54.1	242	0.0	0.467	1.0
258	243	247	0.0	0.45	1.0	44.2	-10.5 -49.4 50.5	258	0.0	0.716	1.0	52.3	-24.4 -48.1 54.1	243	0.0	0.45	1.0
259	244	248	0.0	0.433	1.0	43.6	-9.5 -49.4 50.3	259	0.0	0.694	1.0	51.9	-23.6 -48.4 54.0	244	0.0	0.433	1.0
260	245	248	0.0	0.416	1.0	42.9	-8.6 -49.4 50.1	260	0.0	0.673	1.0	51.5	-22.7 -48.8 53.9	245	0.0	0.417	1.0
261	246	249	0.0	0.4	1.0	42.3	-7.7 -49.3 49.9	261	0.0	0.651	1.0	51.1	-21.8 -49.1 53.8	246	0.0	0.4	1.0
262	247	250	0.0	0.383	1.0	41.7	-6.8 -49.3 49.7	262	0.0	0.63	1.0	50.7	-20.9 -49.4 53.8	247	0.0	0.383	1.0
263	248	251	0.0	0.366	1.0	41.1	-5.7 -49.2 49.6	263	0.0	0.612	1.0	50.1	-19.9 -49.5 53.5	248	0.0	0.367	1.0
264	249	252	0.0	0.35	1.0	40.5	-4.6 -49.2 49.4	264	0.0	0.596	1.0	49.6	-18.9 -49.5 53.1	249	0.0	0.35	1.0
265	250	253	0.0	0.333	1.0	39.9	-3.4 -49.2 49.3	265	0.0	0.58	1.0	49.0	-18.0 -49.5 52.8	250	0.0	0.333	1.0
267	251	254	0.0	0.316	1.0	39.3	-2.3 -49.1 49.1	267	0.0	0.564	1.0	48.4	-17.0 -49.5 52.5	251	0.0	0.317	1.0
268	252	255	0.0	0.3	1.0	38.7	-1.1 -49.0 49.0	268	0.0	0.547	1.0	47.8	-16.0 -49.5 52.1	252	0.0	0.3	1.0
269	253	256	0.0	0.283	1.0	38.1	0.0 -48.9 48.9	269	0.0	0.531	1.0	47.3	-15.0 -49.4 51.8	253	0.0	0.283	1.0
271	254	257	0.0	0.266	1.0	37.4	1.1 -48.7 48.7	271	0.0	0.515	1.0	46.7	-14.1 -49.4 51.5	254	0.0	0.267	1.0
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

3-1031330-L0 QF690-72 LAB*la0, YN=0%, XYZnw=3.9, 4.1, 4.1, 84.7, 89.6, 93.9, LAB*nw=23.9, 0.0, 0.0, 95.8, 0.0, 0.0

sortie: Laser printer output; separation cmy6*, D65, page 14/33

graphique TUB-QF69; code de teinte: $H^*_d=Y75G_d$
cercle chromatique 48 paliers; tableaux $rgb-LabCh^*$

entrée : $rgb/cmyk \rightarrow rgb_{dd}$
sortie : linéarisation 3D selon $cmyk^*_{dd}$

3-1031330-F0

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

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)	$rgb^*_{dd361Mi}$	0.25	1.0	$rgb^*_{de361Mi}$	$LAB^*_{dex361Mi}$ (x=LabCh)	$rgb^*_{dd361Mi}$	0.25	1.0
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
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
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
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
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
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
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
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
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
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
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
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
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
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
289	269	270	0.0	0.016 1.0	32.9	15.9	-44.9 47.6	289	0.0	0.296 1.0	38.5	-0.8	-48.9 49.0	269
290	270	271	0.0	0.0 1.0	32.5	16.9	-44.6 47.7	290	0.0	0.283 1.0	38.1	0.0	-48.8 48.9	270
291	271	272	0.016 0.0	1.0	32.4	17.8	-44.3 47.8	291	0.0	0.27 1.0	37.6	0.9	-48.7 48.8	271
293	272	273	0.033 0.0	1.0	32.3	18.7	-44.0 47.9	293	0.0	0.258 1.0	37.2	1.7	-48.6 48.7	272
294	273	274	0.05 0.0	1.0	32.1	19.6	-43.7 47.9	294	0.0	0.245 1.0	36.8	2.5	-48.4 48.6	273
295	274	275	0.066 0.0	1.0	32.0	20.5	-43.4 48.0	295	0.0	0.231 1.0	36.6	3.4	-48.2 48.4	274
296	275	276	0.083 0.0	1.0	31.9	21.4	-43.1 48.1	296	0.0	0.217 1.0	36.4	4.2	-48.0 48.3	275
297	276	277	0.1 0.0	1.0	31.8	22.3	-42.7 48.2	297	0.0	0.202 1.0	36.2	5.0	-47.8 48.1	276
298	277	278	0.116 0.0	1.0	31.6	23.1	-42.4 48.3	298	0.0	0.188 1.0	36.0	5.8	-47.5 48.0	277
299	278	279	0.133 0.0	1.0	31.5	24.1	-42.0 48.4	299	0.0	0.174 1.0	35.8	6.7	-47.3 47.8	278
300	279	280	0.15 0.0	1.0	31.4	25.0	-41.7 48.6	300	0.0	0.16 1.0	35.6	7.5	-47.0 47.7	279
302	280	281	0.166 0.0	1.0	31.4	25.9	-41.4 48.8	302	0.0	0.146 1.0	35.4	8.3	-46.7 47.5	280
303	281	282	0.183 0.0	1.0	31.3	26.8	-41.0 49.0	303	0.0	0.132 1.0	35.2	9.0	-46.4 47.4	281
304	282	283	0.2 0.0	1.0	31.2	27.8	-40.6 49.2	304	0.0	0.118 1.0	34.9	9.8	-46.2 47.4	282
305	283	284	0.216 0.0	1.0	31.1	28.7	-40.2 49.4	305	0.0	0.104 1.0	34.7	10.7	-46.1 47.4	283
306	284	285	0.233 0.0	1.0	31.1	29.6	-39.8 49.6	306	0.0	0.091 1.0	34.4	11.5	-45.9 47.4	284
307	285	285	0.25 0.0	1.0	31.0	30.5	-39.3 49.8	307	0.0	0.078 1.0	34.1	12.3	-45.8 47.5	285
309	286	286	0.266 0.0	1.0	31.4	31.6	-38.8 50.1	309	0.0	0.064 1.0	33.9	13.1	-45.6 47.5	286
310	287	287	0.283 0.0	1.0	31.8	32.6	-38.3 50.3	310	0.0	0.051 1.0	33.6	13.9	-45.4 47.6	287
311	288	288	0.3 0.0	1.0	32.3	33.6	-37.8 50.6	311	0.0	0.038 1.0	33.3	14.7	-45.2 47.6	288
312	289	289	0.316 0.0	1.0	32.7	34.7	-37.2 50.9	312	0.0	0.024 1.0	33.1	15.5	-44.9 47.6	289
314	290	290	0.333 0.0	1.0	33.1	35.7	-36.6 51.2	314	0.0	0.011 1.0	32.8	16.3	-44.7 47.7	290
315	291	291	0.35 0.0	1.0	33.6	36.7	-36.0 51.4	315	0.003 0.0	1.0	32.5	17.1	-44.5 47.7	291
316	292	292	0.366 0.0	1.0	34.0	37.7	-35.3 51.7	316	0.018 0.0	1.0	32.4	17.9	-44.2 47.8	292
317	293	293	0.383 0.0	1.0	34.4	38.5	-34.7 51.9	317	0.033 0.0	1.0	32.3	18.7	-44.0 47.9	293
318	294	294	0.4 0.0	1.0	34.8	39.2	-34.2 52.1	318	0.047 0.0	1.0	32.2	19.5	-43.7 48.0	294
319	295	295	0.416 0.0	1.0	35.2	39.9	-33.7 52.2	319	0.062 0.0	1.0	32.1	20.3	-43.5 48.1	295
320	296	296	0.433 0.0	1.0	35.6	40.5	-33.1 52.4	320	0.077 0.0	1.0	32.0	21.1	-43.2 48.1	296
321	297	297	0.45 0.0	1.0	36.0	41.2	-32.6 52.5	321	0.092 0.0	1.0	31.9	21.9	-42.9 48.2	297
322	298	298	0.466 0.0	1.0	36.4	41.8	-32.0 52.7	322	0.107 0.0	1.0	31.7	22.7	-42.5 48.3	298
323	299	299	0.483 0.0	1.0	36.8	42.5	-31.4 52.9	323	0.122 0.0	1.0	31.6	23.5	-42.2 48.4	299
324	300	300	0.5 0.0	1.0	37.2	43.1	-30.8 53.0	324	0.136 0.0	1.0	31.6	24.3	-41.9 48.5	300

3-1031430-L0 QF690-72 LAB*la0, YN=0%, XYZnw=3.9, 4.1, 4.1, 84.7, 89.6, 93.9, LAB*nw=23.9, 0.0, 0.0, 95.8, 0.0, 0.0

graphique TUB-QF69; code de teinte: $H^*_d=Y75G_d$
cercle chromatique 48 paliers; tableaux $rgb-LabCh^*$

entrée : $rgb/cmyk \rightarrow rgb_{dd}$
sortie : linéarisation 3D selon $cmyk^*_{dd}$

sortie: Laser printer output; separation cmy6*, D65, page 15/33

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 _q ; h _{ab,d} = 33.5, 100.6, 155.5, 235.2, 290.8, 348.9; Six angles de teinte des couleurs élémentaires RYGCBM _c ; h _{ab,e} = 25.5, 92.3, 162.2, 217.0, 271.7, 328.6									
h _{ab,d}	h _{ab,s}	h _{ab,e}	rgb* _{dd361M}	LAB* _{dsx361Mi (x=LabCh)}	rgb* _{ds361Mi}	LAB* _{dsx361Mi (x=LabCh)}	rgb* _{dd361Mi}	LAB* _{de361Mi (x=LabCh)}	rgb* _{de361Mi}	LAB* _{de361Mi (x=LabCh)}	rgb* _{dd361Mi}	LAB* _{de361Mi (x=LabCh)}
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	300	0.5 0.0 1.0	0.139 0.0 1.0	31.5 24.4 -41.9 48.6	300	0.5 0.0 1.0
325	301	301	0.516 0.0 1.0	37.4 43.8 -30.4 53.4	0.151 0.0 1.0	31.5 25.1 -41.6 48.7	301	0.517 0.0 1.0	0.153 0.0 1.0	31.5 25.2 -41.6 48.7	301	0.517 0.0 1.0
326	302	302	0.533 0.0 1.0	37.7 44.5 -29.9 53.7	0.165 0.0 1.0	31.4 25.9 -41.3 48.9	302	0.533 0.0 1.0	0.166 0.0 1.0	31.4 26.0 -41.3 48.9	302	0.533 0.0 1.0
326	303	303	0.55 0.0 1.0	37.9 45.3 -29.5 54.0	0.18 0.0 1.0	31.4 26.7 -41.0 49.0	303	0.55 0.0 1.0	0.18 0.0 1.0	31.4 26.7 -41.0 49.0	303	0.55 0.0 1.0
327	304	303	0.566 0.0 1.0	38.2 46.0 -29.0 54.4	0.194 0.0 1.0	31.3 27.5 -40.7 49.2	304	0.567 0.0 1.0	0.194 0.0 1.0	31.3 27.5 -40.7 49.2	303	0.567 0.0 1.0
328	305	304	0.583 0.0 1.0	38.4 46.7 -28.5 54.7	0.209 0.0 1.0	31.2 28.3 -40.3 49.4	305	0.583 0.0 1.0	0.208 0.0 1.0	31.2 28.3 -40.4 49.4	304	0.583 0.0 1.0
329	306	305	0.6 0.0 1.0	38.7 47.4 -28.0 55.1	0.224 0.0 1.0	31.1 29.1 -40.0 49.5	306	0.6 0.0 1.0	0.222 0.0 1.0	31.2 29.0 -40.0 49.5	305	0.6 0.0 1.0
330	307	306	0.616 0.0 1.0	38.9 48.1 -27.5 55.4	0.238 0.0 1.0	31.1 29.9 -39.6 49.7	307	0.617 0.0 1.0	0.235 0.0 1.0	31.1 29.8 -39.7 49.7	306	0.617 0.0 1.0
331	308	307	0.633 0.0 1.0	39.2 48.9 -26.9 55.8	0.252 0.0 1.0	31.1 30.7 -39.2 49.9	308	0.633 0.0 1.0	0.249 0.0 1.0	31.0 30.5 -39.3 49.8	307	0.633 0.0 1.0
332	309	308	0.65 0.0 1.0	39.6 49.8 -26.2 56.3	0.265 0.0 1.0	31.4 31.5 -38.8 50.1	309	0.65 0.0 1.0	0.261 0.0 1.0	31.3 31.3 -39.0 50.0	308	0.65 0.0 1.0
333	310	309	0.666 0.0 1.0	40.0 50.7 -25.4 56.8	0.278 0.0 1.0	31.8 32.3 -38.4 50.3	310	0.667 0.0 1.0	0.274 0.0 1.0	31.6 32.1 -38.6 50.2	309	0.667 0.0 1.0
334	311	310	0.683 0.0 1.0	40.4 51.6 -24.7 57.2	0.291 0.0 1.0	32.1 33.1 -38.0 50.5	311	0.683 0.0 1.0	0.286 0.0 1.0	32.0 32.8 -38.2 50.4	310	0.683 0.0 1.0
335	312	311	0.7 0.0 1.0	40.7 52.5 -23.9 57.7	0.304 0.0 1.0	32.4 33.9 -37.6 50.7	312	0.7 0.0 1.0	0.298 0.0 1.0	32.3 33.6 -37.8 50.6	311	0.7 0.0 1.0
336	313	312	0.716 0.0 1.0	41.1 53.4 -23.1 58.2	0.317 0.0 1.0	32.8 34.7 -37.2 50.9	313	0.717 0.0 1.0	0.31 0.0 1.0	32.6 34.3 -37.4 50.8	312	0.717 0.0 1.0
337	314	313	0.733 0.0 1.0	41.5 54.3 -22.3 58.7	0.33 0.0 1.0	33.1 35.5 -36.7 51.1	314	0.733 0.0 1.0	0.323 0.0 1.0	32.9 35.1 -37.0 51.0	313	0.733 0.0 1.0
338	315	314	0.75 0.0 1.0	41.8 55.1 -21.4 59.1	0.343 0.0 1.0	33.4 36.3 -36.2 51.4	315	0.75 0.0 1.0	0.335 0.0 1.0	33.2 35.8 -36.5 51.2	314	0.75 0.0 1.0
339	316	315	0.766 0.0 1.0	42.4 55.8 -20.9 59.6	0.356 0.0 1.0	33.8 37.1 -35.7 51.6	316	0.767 0.0 1.0	0.347 0.0 1.0	33.5 36.6 -36.0 51.4	315	0.767 0.0 1.0
340	317	316	0.783 0.0 1.0	42.9 56.5 -20.4 60.1	0.368 0.0 1.0	34.1 37.9 -35.2 51.8	317	0.783 0.0 1.0	0.359 0.0 1.0	33.9 37.3 -35.6 51.6	316	0.783 0.0 1.0
340	318	317	0.8 0.0 1.0	43.4 57.2 -19.8 60.5	0.384 0.0 1.0	34.5 38.6 -34.7 52.0	318	0.8 0.0 1.0	0.371 0.0 1.0	34.2 38.0 -35.1 51.8	317	0.8 0.0 1.0
341	319	318	0.816 0.0 1.0	43.9 57.8 -19.3 61.0	0.402 0.0 1.0	34.9 39.3 -34.1 52.1	319	0.817 0.0 1.0	0.387 0.0 1.0	34.6 38.8 -34.6 52.0	318	0.817 0.0 1.0
342	320	319	0.833 0.0 1.0	44.4 58.5 -18.7 61.4	0.42 0.0 1.0	35.3 40.1 -33.5 52.3	320	0.833 0.0 1.0	0.404 0.0 1.0	35.0 39.4 -34.0 52.2	319	0.833 0.0 1.0
342	321	320	0.85 0.0 1.0	44.9 59.1 -18.2 61.9	0.438 0.0 1.0	35.8 40.8 -32.9 52.5	321	0.85 0.0 1.0	0.421 0.0 1.0	35.4 40.1 -33.5 52.3	320	0.85 0.0 1.0
343	322	321	0.866 0.0 1.0	45.4 59.8 -17.6 62.3	0.456 0.0 1.0	36.2 41.5 -32.3 52.7	322	0.867 0.0 1.0	0.439 0.0 1.0	35.8 40.8 -32.9 52.5	321	0.867 0.0 1.0
344	323	321	0.883 0.0 1.0	45.8 60.5 -17.0 62.8	0.474 0.0 1.0	36.6 42.2 -31.7 52.8	323	0.883 0.0 1.0	0.456 0.0 1.0	36.2 41.5 -32.3 52.6	321	0.883 0.0 1.0
344	324	322	0.9 0.0 1.0	46.1 61.2 -16.4 63.4	0.492 0.0 1.0	37.1 42.9 -31.1 53.0	324	0.9 0.0 1.0	0.473 0.0 1.0	36.6 42.1 -31.7 52.8	322	0.9 0.0 1.0
345	325	323	0.916 0.0 1.0	46.5 61.9 -15.9 63.9	0.512 0.0 1.0	37.4 43.7 -30.5 53.3	325	0.917 0.0 1.0	0.49 0.0 1.0	37.0 42.8 -31.1 53.0	323	0.917 0.0 1.0
346	326	324	0.933 0.0 1.0	46.8 62.6 -15.3 64.5	0.532 0.0 1.0	37.7 44.5 -29.9 53.7	326	0.933 0.0 1.0	0.508 0.0 1.0	37.4 43.5 -30.6 53.2	324	0.933 0.0 1.0
346	327	325	0.95 0.0 1.0	47.1 63.3 -14.6 65.0	0.552 0.0 1.0	38.0 45.4 -29.4 54.1	327	0.95 0.0 1.0	0.527 0.0 1.0	37.6 44.3 -30.1 53.6	325	0.95 0.0 1.0
347	328	326	0.966 0.0 1.0	47.5 64.0 -14.0 65.5	0.572 0.0 1.0	38.3 46.2 -28.8 54.5	328	0.967 0.0 1.0	0.546 0.0 1.0	37.9 45.1 -29.5 54.0	326	0.967 0.0 1.0
348	329	327	0.983 0.0 1.0	47.8 64.7 -13.4 66.1	0.592 0.0 1.0	38.6 47.1 -28.2 54.9	329	0.983 0.0 1.0	0.565 0.0 1.0	38.2 46.0 -29.0 54.4	327	0.983 0.0 1.0
348	330	328	1.0 0.0 1.0	48.1 65.4 -12.7 66.6	0.612 0.0 1.0	38.9 47.9 -27.6 55.4	330	1.0 0.0 1.0	0.584 0.0 1.0	38.5 46.8 -28.4 54.8	328	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	331	1.0 0.0 0.983	0.603 0.0 1.0	38.8 47.6 -27.9 55.2	329	1.0 0.0 0.983
349	332	330	1.0 0.0 0.966	48.5 65.6 -12.2 66.7	0.646 0.0 1.0	39.6 49.6 -26.3 56.2	332	1.0 0.0 0.967	0.623 0.0 1.0	39.1 48.4 -27.3 55.6	330	1.0 0.0 0.967
349	333	331	1.0 0.0 0.95	48.7 65.7 -11.9 66.8	0.662 0.0 1.0	39.9 50.5 -25.6 56.7	333	1.0 0.0 0.95	0.638 0.0 1.0	39.4 49.2 -26.7 56.0	331	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	334	1.0 0.0 0.933	0.652 0.0 1.0	39.7 50.0 -26.0 56.4	332	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	335	1.0 0.0 0.917	0.667 0.0 1.0	40.0 50.8 -25.4 56.8	333	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	336	1.0 0.0 0.9	0.681 0.0 1.0	40.4 51.6 -24.7 57.2	334	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	337	1.0 0.0 0.883	0.696 0.0 1.0	40.7 52.3 -24.0 57.6	335	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	338	1.0 0.0 0.867	0.711 0.0 1.0	41.0 53.1 -23.3 58.1	336	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	339	1.0 0.0 0.85	0.725 0.0 1.0	41.3 53.9 -22.6 58.5	337	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	340	1.0 0.0 0.833	0.74 0.0 1.0	41.7 54.6 -21.9 58.9	338	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	341	1.0 0.0 0.817	0.757 0.0 1.0	42.1 55.5 -21.1 59.4	339	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	342	1.0 0.0 0.8	0.78 0.0 1.0	42.8 56.4 -20.4 60.0	339	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	343	1.0 0.0 0.783	0.802 0.0 1.0	43.5 57.3 -19.7 60.6	340	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	344	1.0 0.0 0.767	0.825 0.0 1.0	44.2 58.2 -19.0 61.3	341	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	345	1.0 0.0 0.75	0.848 0.0 1.0	44.9 59.1 -18.2 61.9	342	1.0 0.0 0.75

3-1031530-L0 QF690-72 LAB*la0, YN=0%, XYZnw=3.9, 4.1, 4.1, 84.7, 89.6, 93.9, LAB*nw=23.9, 0.0, 0.0, 95.8, 0.0, 0.0

sortie: Laser printer output; separation cmy6*, D65, page 16/33

graphique TUB-QF69; code de teinte: H*_d=Y75G_d
cercle chromatique 48 paliers; tableaux *rgb-LabCh**

entrée : *rgb/cmyk* -> *rgb_{dd}*
sortie : linéarisation 3D selon *cmyk*_{dd}*

TUB enregistrement: 20130201-QF69/QF69L0FP.PDF /.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 $RYGCBM_s$; $h_{ab,s} = 30.0, 90.0, 150.0, 210.0, 270.0, 330.0$; 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 $RYGCBM_e$; $h_{ab,e} = 25.5, 92.3, 162.2, 217.0, 271.7, 328.6$

[illegible]

3-1031630-L0	QF690-72	LAB*la0, YN=0%, XYZnw=3.9, 4.1, 4.1, 84.7, 89.6, 93.9, LAB*nw=23.9, 0.0, 0.0, 95.8, 0.0, 0.0
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graphique TUB-QF69; code de teinte: $H^*_d=Y75G_d$
cercle chromatique 48 paliers; tableaux *rgb-LabCh**

entrée : $rgb/cmyk \rightarrow rgb_{dd}$
 sortie : linéarisation 3D selon $cmyk^*_{dd}$

sortie: Laser printer output; separation cmyn6*, D65, page 17/38



TUB matériel: code=rha4ta

entrée : $rgb/cmyk \rightarrow rgb_{dd}$
 sortie : linéarisation 3D selon $cmyk^*_{dd}$

voir fichiers similaires: <http://130.149.60.45/~farbmetrik/QF69/QF69.HTM>
 informations techniques: <http://www.ps.bam.de> ou <http://130.149.60.45/~farbmetrik>

[illegible]



TUB matériel: code=rha4ta
 uration cmyn6* (CMYK)

<http://130.149.60.45/~farbmatrik/QF69/QF69L0FP.PDF> /PS; linéarisation 3D F: linéarisation 3D QF69/QF69LF30FP.DAT dans fichier (F), page 19/33

n/j	HIC_Fold	hsc_Fold	rgp_Fold	LabCh_Fold	cmvF_sepFold	hscNfold	rgpNfold	LabChNfold	delta		
1/6648	R25Y_100_100fold	1.0	0.0	0.0	0.0	390	1.0	0.0	37.8	68.6	33.4
1/6648	R25Y_100_100fold	1.0	0.25	0.0	0.0	44	1.0	0.233	0.0	54.5	51.4
2/684	R25Y_100_100fold	1.0	0.5	0.0	0.0	60	1.0	0.5	0.0	66.2	69.0
3/702	R25Y_100_100fold	1.0	0.75	0.0	0.0	76	1.0	0.766	0.0	76.8	76.9
4/720	Y00G_100_100fold	1.0	1.0	0.0	0.0	90	1.0	1.0	0.0	84.6	86.1
5/558	Y25G_100_100fold	0.75	1.0	0.0	0.0	104	0.766	1.0	0.0	91.5	91.5
6/396	Y50G_100_100fold	0.5	1.0	0.0	0.0	120	0.5	1.0	0.0	90.4	89.0
7/234	Y75G_100_100fold	0.25	1.0	0.0	0.0	136	0.233	1.0	0.0	90.4	89.0
8/72	G00B_100_100fold	0.0	1.0	0.0	0.0	150	0.0	1.0	0.0	54.3	54.3
9/72	G00B_100_100fold	0.0	1.0	0.0	0.0	150	0.0	1.0	0.0	54.3	54.3
10/76	G25B_100_100fold	0.0	1.0	0.0	0.0	180	0.0	1.0	0.0	55.0	55.0
11/80	G50B_100_100fold	0.0	1.0	0.0	0.0	210	0.0	1.0	0.0	53.1	53.1
12/44	G75B_100_100fold	0.0	0.5	1.0	0.0	240	0.0	0.5	1.0	46.1	46.1
13/38	B00M_100_100fold	0.0	1.0	0.0	0.0	270	0.0	1.0	0.0	32.5	32.5
14/332	B25R_100_100fold	0.5	0.0	1.0	0.0	300	0.5	0.0	1.0	37.2	37.2
15/656	B50R_100_100fold	1.0	0.0	1.0	0.0	330	1.0	0.0	1.0	48.1	48.1
16/652	B75R_100_100fold	1.0	0.0	1.0	0.0	360	1.0	0.0	1.0	47.8	47.8
17/648	R00Y_100_100fold	1.0	0.0	0.0	0.0	390	1.0	0.0	0.0	47.5	47.5
18/688	R00Y_100_050fold	1.0	0.5	0.5	0.5	390	1.0	0.5	0.5	57.2	57.2
19/706	R50Y_100_050fold	1.0	0.75	0.5	0.5	390	1.0	0.75	0.5	57.2	57.2
20/724	Y00G_100_050fold	1.0	1.0	0.5	0.5	90	1.0	1.0	0.5	70.5	70.5
21/562	Y50G_100_050fold	0.75	1.0	0.5	0.5	120	0.75	1.0	0.5	91.5	91.5
22/400	G00B_100_050fold	0.5	1.0	0.5	0.5	150	0.5	1.0	0.0	54.3	54.3
23/404	G50B_100_050fold	0.5	1.0	0.5	0.5	210	0.5	1.0	0.0	53.1	53.1
24/368	R00Y_100_050fold	0.5	0.5	1.0	0.5	270	0.5	1.0	0.0	32.5	32.5
25/692	B50R_100_050fold	1.0	0.5	0.5	0.5	330	1.0	0.5	0.0	48.1	48.1
26/688	R00Y_100_050fold	1.0	0.5	0.5	0.5	390	1.0	0.5	0.0	47.5	47.5
27/506	R00Y_075_050fold	0.75	0.25	0.25	0.25	390	0.75	0.25	0.25	47.5	47.5
28/524	R50Y_075_050fold	0.75	0.5	0.25	0.25	60	0.75	0.5	0.0	57.2	57.2
29/562	Y00G_075_050fold	0.75	0.75	0.25	0.25	90	0.75	0.75	0.0	70.5	70.5
30/568	Y50G_075_050fold	0.75	0.75	0.25	0.25	120	0.75	0.75	0.0	91.5	91.5
31/218	G00B_075_050fold	0.25	0.75	0.25	0.25	150	0.25	0.75	0.0	54.3	54.3
32/222	G50B_075_050fold	0.25	0.75	0.25	0.25	210	0.25	0.75	0.0	53.1	53.1
33/186	B00R_075_050fold	0.25	0.25	0.75	0.25	270	0.25	0.25	0.0	32.5	32.5
34/510	B50R_075_050fold	0.75	0.25	0.75	0.25	330	0.75	0.25	0.0	48.1	48.1
35/506	R00Y_075_050fold	0.75	0.25	0.25	0.25	390	0.75	0.25	0.25	47.5	47.5
36/324	R00Y_050_050fold	0.5	0.0	0.5	0.5	390	0.5	0.0	0.0	47.5	47.5
37/342	R50Y_050_050fold	0.5	0.25	0.5	0.25	60	0.5	0.25	0.0	57.2	57.2
38/360	Y00G_050_050fold	0.5	0.5	0.5	0.5	90	0.5	0.5	0.0	70.5	70.5
39/198	Y50G_050_050fold	0.25	0.5	0.5	0.25	120	0.25	0.5	0.0	91.5	91.5
40/36	G00B_050_050fold	0.0	0.5	0.5	0.5	150	0.0	0.5	0.0	54.3	54.3
41/40	G50B_050_050fold	0.0	0.5	0.5	0.5	210	0.0	0.5	0.0	53.1	53.1
42/4	B00R_050_050fold	0.0	0.5	0.5	0.5	270	0.0	0.5	0.0	32.5	32.5
43/328	B50R_050_050fold	0.5	0.0	0.5	0.5	330	0.5	0.0	0.0	48.1	48.1
44/324	R00Y_050_050fold	0.5	0.0	0.5	0.5	390	0.5	0.0	0.0	47.5	47.5
45/0	NW_000fold	0.0	0.0	0.0	0.0	360	0.0	0.0	1.0	95.8	0.0
46/91	NW_013fold	0.125	0.125	0.125	0.125	360	0.125	0.125	0.0	0.0	0.0
47/182	NW_025fold	0.25	0.25	0.25	0.25	360	0.25	0.25	0.0	0.0	0.0
48/273	NW_038fold	0.375	0.375	0.375	0.375	360	0.375	0.375	0.0	0.0	0.0
49/364	NW_050fold	0.5	0.5	0.5	0.5	360	0.5	0.5	0.0	0.0	0.0
50/455	NW_063fold	0.625	0.625	0.625	0.625	360	0.625	0.625	0.0	0.0	0.0
51/546	NW_075fold	0.75	0.75	0.75	0.75	360	0.75	0.75	0.0	0.0	0.0
52/637	NW_088fold	0.875	0.875	0.875	0.875	360	0.875	0.875	0.0	0.0	0.0
53/728	NW_100fold	1.0	1.0	1.0	1.0	360	1.0	1.0	0.0	0.0	0.0

entrée : $rgb/cmyk -> rgb_{dd}$
 sortie : linéarisation 3D selon $cmyk^*_{dd}$

graphique TUB-QF69; code de teinte: H_d^{*}=Y75G_d

voir fichiers similaires: <http://130.149.60.45/~farbmetrik/QF69/QF69.HTM>
 informations techniques: <http://www.ps.bam.de> ou <http://130.149.60.45/~farbmetrik>

<http://130.149.60.45/~farbmatrik/QF69/QF69L0FP.PDF> / PS; linéarisation 3D F: linéarisation 3D QF69/QF69L30FP.DAT dans fichier (F), page 20/33

graphique TUB-QF69; code de teinte: H_d*=Y75G_d

entrée : $rgb/cmyk \rightarrow rgb_{dd}$
 sortie : linéarisation 3D selon $cmyk^*_{dd}$

HIC*Fid	rgb_Fid	ict_Fid	hsa_Fid	rgb*Fid	LabCh*Fid	cmvri*sep_Fid	hsa_cad	rgb*Mad	LabCh*Mad	sep_Fid		Mad	
										0.0	0.0	0.0	0.0
0	0	0	0	0	0	0	360	1.0	95.8	0.0	0.0	0.0	
1	0	0.125	0.062	0.0	0.0	0.296	270	1.0	32.5	16.9	-44.6	47.7	
2	0	0.25	0.125	0.0	0.0	0.383	270	0.0	32.5	16.9	-44.6	47.7	
3	0	0.375	0.187	0.0	0.0	0.528	270	0.0	32.5	16.9	-44.6	47.7	
4	0	0.5	0.25	0.0	0.0	0.669	270	0.0	32.5	16.9	-44.6	47.7	
5	0	0.625	0.312	0.0	0.0	0.747	270	0.0	32.5	16.9	-44.6	47.7	
6	0	0.75	0.375	0.0	0.0	0.797	270	0.0	32.5	16.9	-44.6	47.7	
7	0	0.875	0.437	0.0	0.0	0.833	270	0.0	32.5	16.9	-44.6	47.7	
8	0	1.0	0.5	0.0	0.0	1.0	270	0.0	32.5	16.9	-44.6	47.7	
9	0	0.125	0.062	0.0	0.0	0.279	149	1.0	54.3	-67.6	30.8	74.3	
10	0	0.125	0.062	0.0	0.0	0.349	149	1.0	54.3	-67.6	30.8	74.3	
11	0	0.125	0.062	0.0	0.0	0.351	210	1.0	53.1	-30.0	-43.1	52.5	
12	0	0.125	0.062	0.0	0.0	0.353	210	1.0	53.1	-30.0	-43.1	52.5	
13	0	0.125	0.062	0.0	0.0	0.355	210	1.0	53.1	-30.0	-43.1	52.5	
14	0	0.125	0.062	0.0	0.0	0.357	210	1.0	53.1	-30.0	-43.1	52.5	
15	0	0.125	0.062	0.0	0.0	0.359	210	1.0	53.1	-30.0	-43.1	52.5	
16	0	0.125	0.062	0.0	0.0	0.361	210	1.0	53.1	-30.0	-43.1	52.5	
17	0	0.125	0.062	0.0	0.0	0.363	210	1.0	53.1	-30.0	-43.1	52.5	
18	0	0.125	0.062	0.0	0.0	0.365	210	1.0	53.1	-30.0	-43.1	52.5	
19	0	0.125	0.062	0.0	0.0	0.367	210	1.0	53.1	-30.0	-43.1	52.5	
20	0	0.125	0.062	0.0	0.0	0.369	210	1.0	53.1	-30.0	-43.1	52.5	
21	0	0.125	0.062	0.0	0.0	0.371	210	1.0	53.1	-30.0	-43.1	52.5	
22	0	0.125	0.062	0.0	0.0	0.373	210	1.0	53.1	-30.0	-43.1	52.5	
23	0	0.125	0.062	0.0	0.0	0.375	210	1.0	53.1	-30.0	-43.1	52.5	
24	0	0.125	0.062	0.0	0.0	0.377	210	1.0	53.1	-30.0	-43.1	52.5	
25	0	0.125	0.062	0.0	0.0	0.379	210	1.0	53.1	-30.0	-43.1	52.5	
26	0	0.125	0.062	0.0	0.0	0.381	210	1.0	53.1	-30.0	-43.1	52.5	
27	0	0.125	0.062	0.0	0.0	0.383	210	1.0	53.1	-30.0	-43.1	52.5	
28	0	0.125	0.062	0.0	0.0	0.385	210	1.0	53.1	-30.0	-43.1	52.5	
29	0	0.125	0.062	0.0	0.0	0.387	210	1.0	53.1	-30.0	-43.1	52.5	
30	0	0.125	0.062	0.0	0.0	0.389	210	1.0	53.1	-30.0	-43.1	52.5	
31	0	0.125	0.062	0.0	0.0	0.391	210	1.0	53.1	-30.0	-43.1	52.5	
32	0	0.125	0.062	0.0	0.0	0.393	210	1.0	53.1	-30.0	-43.1	52.5	
33	0	0.125	0.062	0.0	0.0	0.395	210	1.0	53.1	-30.0	-43.1	52.5	
34	0	0.125	0.062	0.0									

<http://130.149.60.45/~farbmatrik/QF69/QF69L0FP.PDF> /PS; linéarisation 3D F: linéarisation 3D QF69/QF69LF30FP.DAT dans fichier (F), page 23/33

entrée : $rgb/cmyk \rightarrow rgb_{dd}$
 sortie : linéarisation 3D selon $cmyk^*_{dd}$

graphique TUB-QF69; code de teinte: H_d^{*}=Y75G_d

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co

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voir fichiers similaires: <http://130.149.60.45/~farbmatrik/QF69/QF69.HTM>
 informations techniques: <http://www.ps.bam.de> ou <http://130.149.60.45/~farbmatrik>

graphique TUB-QF69; code de teinte: H_d^{*}=Y75G_d

entrée : $rgb/cmyk \rightarrow rgb_{dd}$
 sortie : linéarisation 3D selon $cmyk^*_{dd}$

<i>n</i>	HIC*Fid	rgb_Fid	lcr_Fid	hgs_Fid	rgb*Fid	LabCh*Fid	cmv*sep_Fid	haxn_Fid	rgb*Fid	LabCh*Fid												
324	R00Y_050_050ad	0.5	0.0	0.0	0.0	35.7	28.6	34.3	33.4	0.0	0.803	0.705	0.52	1.0	0.0	0.0	47.5	57.2	37.8	68.6	33.4	
325	R26Y_050_050ad	0.5	0.0	0.0	0.0	35.7	28.0	14.2	31.4	26.9	0.0	0.802	0.601	0.54	1.0	0.0	0.233	47.5	56.0	28.4	62.8	26.9
326	R26Y_050_050ad	0.5	0.0	0.0	0.0	35.7	28.0	14.2	31.4	26.9	0.0	0.802	0.601	0.54	1.0	0.0	0.233	47.5	56.0	28.4	62.8	26.9
327	R61R_050_050ad	0.5	0.0	0.0	0.0	35.8	29.4	5.2	29.9	10.0	0.0	0.78	0.415	0.544	1.0	0.0	0.0	47.8	58.9	10.4	59.9	10.0
328	R61R_050_050ad	0.5	0.0	0.0	0.0	36.0	32.7	3.5	32.5	35.3	0.0	0.761	0.215	0.547	1.0	0.0	0.766	49.3	64.7	7.1	65.1	35.3
329	R61R_050_050ad	0.5	0.0	0.0	0.0	36.0	32.7	3.5	32.5	35.3	0.0	0.761	0.215	0.547	1.0	0.0	0.766	49.3	64.7	7.1	65.1	35.3
330	B40R_050_050ad	0.5	0.0	0.0	0.0	36.0	32.7	3.5	32.5	35.3	0.0	0.761	0.215	0.547	1.0	0.0	0.766	49.3	64.7	7.1	65.1	35.3
331	B40R_050_050ad	0.5	0.0	0.0	0.0	36.0	32.7	3.5	32.5	35.3	0.0	0.761	0.215	0.547	1.0	0.0	0.766	49.3	64.7	7.1	65.1	35.3
332	B40R_050_050ad	0.5	0.0	0.0	0.0	36.0	32.7	3.5	32.5	35.3	0.0	0.761	0.215	0.547	1.0	0.0	0.766	49.3	64.7	7.1	65.1	35.3
333	B40R_050_050ad	0.5	0.0	0.0	0.0	36.0	32.7	3.5	32.5	35.3	0.0	0.761	0.215	0.547	1.0	0.0	0.766	49.3	64.7	7.1	65.1	35.3
334	B40R_050_050ad	0.5	0.0	0.0	0.0	36.0	32.7	3.5	32.5	35.3	0.0	0.761	0.215	0.547	1.0	0.0	0.766	49.3	64.7	7.1	65.1	35.3
335	B40R_050_050ad	0.5	0.0	0.0	0.0	36.0	32.7	3.5	32.5	35.3	0.0	0.761	0.215	0.547	1.0	0.0	0.766	49.3	64.7	7.1	65.1	35.3
336	B40R_050_050ad	0.5	0.0	0.0	0.0	36.0	32.7	3.5	32.5	35.3	0.0	0.761	0.215	0.547	1.0	0.0	0.766	49.3	64.7	7.1	65.1	35.3
337	B40R_050_050ad	0.5	0.0	0.0	0.0	36.0	32.7	3.5	32.5	35.3	0.0	0.761	0.215	0.547	1.0	0.0	0.766	49.3	64.7	7.1	65.1	35.3
338	B40R_050_050ad	0.5	0.0	0.0	0.0	36.0	32.7	3.5	32.5	35.3	0.0	0.761	0.215	0.547	1.0	0.0	0.766	49.3	64.7	7.1	65.1	35.3
339	B40R_050_050ad	0.5	0.0	0.0	0.0	36.0	32.7	3.5	32.5	35.3	0.0	0.761	0.215	0.547	1.0	0.0	0.766	49.3	64.7	7.1	65.1	35.3
340	B40R_050_050ad	0.5	0.0	0.0	0.0	36.0	32.7	3.5	32.5	35.3	0.0	0.761	0.215	0.547	1.0	0.0	0.766	49.3	64.7	7.1	65.1	35.3
341	B40R_050_050ad	0.5	0.0	0.0	0.0	36.0	32.7	3.5	32.5	35.3	0.0	0.761	0.215	0.547	1.0	0.0	0.766	49.3	64.7	7.1	65.1	35.3
342	B40R_050_050ad	0.5	0.0	0.0	0.0	36.0	32.7	3.5	32.5	35.3	0.0	0.761	0.215	0.547	1.0	0.0	0.76					

n	HC*Fid	rgb_Fid	icr_Fid	hsa_Fid	rgb*Fid	LabCh*Fid	cmyk*_sep_Fid	delta	rgb*_Mid	hsa*_Mid	LabCh*_Mid	
486	R00Y.075.075ad	0.75	0.0	0.375	0.75	0.0	0.889	0.834	0.254	389	47.5	57.2
487	R35Y.075.075ad	0.75	0.125	0.375	0.75	0.0	0.888	0.755	0.255	382	47.6	57.2
488	R10Y.075.075ad	0.75	0.25	0.375	0.75	0.0	0.886	0.612	0.267	371	47.7	56.5
489	R00Y.075.075ad	0.75	0.375	0.375	0.75	0.0	0.877	0.442	0.262	360	47.8	56.5
490	B65R.075.075ad	0.75	0.0	0.375	0.75	0.0	0.867	0.291	0.262	348	47.8	56.5
491	B57R.075.075ad	0.75	0.0	0.375	0.75	0.0	0.858	0.166	0.265	337	47.8	56.5
492	B50R.075.075ad	0.75	0.0	0.375	0.75	0.0	0.863	0.125	0.295	330	47.8	56.5
493	B43R.087.087ad	0.75	0.0	0.375	0.75	0.0	0.902	0.0	0.255	322	47.8	56.5
494	B36R.100.100ad	0.75	0.0	0.5	0.75	0.0	0.999	0.0	0.0	317	47.8	56.5
495	R15Y.075.075ad	0.75	0.125	0.375	0.75	0.0	0.779	0.895	0.25	37	47.5	56.5
496	R00Y.075.062ad	0.75	0.125	0.625	0.437	0.90	0.0	0.767	0.638	389	47.6	56.2
497	R35Y.075.062ad	0.75	0.125	0.625	0.437	0.90	0.0	0.752	0.559	380	47.6	56.2
498	R10Y.075.062ad	0.75	0.125	0.625	0.437	0.90	0.0	0.734	0.431	367	47.6	56.2
499	B65R.075.062ad	0.75	0.125	0.625	0.437	0.90	0.0	0.737	0.277	352	47.6	56.2
500	B57R.075.062ad	0.75	0.125	0.625	0.437	0.90	0.0	0.727	0.152	339	47.6	56.2
501	B50R.075.062ad	0.75	0.125	0.625	0.437	0.90	0.0	0.725	0.106	330	47.6	56.2
502	B43R.087.075ad	0.75	0.125	0.625	0.437	0.90	0.0	0.749	0.0	332	47.6	56.2
503	B36R.100.087ad	0.75	0.125	0.625	0.437	0.90	0.0	0.813	0.0	315	47.6	56.2
504	R15Y.075.075ad	0.75	0.25	0.375	0.75	0.0	0.635	0.893	0.249	48	47.5	56.2
505	R00Y.075.062ad	0.75	0.25	0.625	0.437	0.90	0.0	0.677	0.737	39	47.5	56.2
506	R35Y.075.062ad	0.75	0.25	0.625	0.437	0.90	0.0	0.632	0.514	389	47.5	56.2
507	R10Y.075.062ad	0.75	0.25	0.625	0.437	0.90	0.0	0.618	0.441	377	47.5	56.2
508	B65R.075.062ad	0.75	0.25	0.625	0.437	0.90	0.0	0.623	0.305	360	47.5	56.2
509	B57R.075.062ad	0.75	0.25	0.625	0.437	0.90	0.0	0.613	0.168	342	47.5	56.2
510	B50R.075.062ad	0.75	0.25	0.625	0.437	0.90	0.0	0.609	0.112	330	47.5	56.2
511	B43R.087.062ad	0.75	0.25	0.625	0.437	0.90	0.0	0.623	0.0	320	47.5	56.2
512	B36R.100.075ad	0.75	0.25	0.625	0.437	0.90	0.0	0.687	0.0	311	47.5	56.2
513	R15Y.075.075ad	0.75	0.375	0.625	0.75	0.0	0.451	0.866	0.252	59	47.5	56.2
514	R35Y.075.062ad	0.75	0.375	0.625	0.75	0.0	0.494	0.731	0.234	52	47.5	56.2
515	R10Y.075.062ad	0.75	0.375	0.625	0.75	0.0	0.537	0.608	0.215	42	47.5	56.2
516	B65R.075.062ad	0.75	0.375	0.625	0.75	0.0	0.512	0.403	0.23	389	47.5	56.2
517	B57R.075.062ad	0.75	0.375	0.625	0.75	0.0	0.512	0.318	0.246	371	47.5	56.2
518	B50R.075.062ad	0.75	0.375	0.625	0.75	0.0	0.496	0.186	0.252	340	47.5	56.2
519	B43R.087.075ad	0.75	0.375	0.625	0.75	0.0	0.495	0.11	0.251	317	47.5	56.2
520	B36R.100.075ad	0.75	0.375	0.625	0.75	0.0	0.485	0.0	0.251	307	47.5	56.2
521	R15Y.075.062ad	0.75	0.5	0.625	0.687	0.90	0.0	0.301	0.838	71	47.5	56.2
522	R00Y.075.062ad	0.75	0.5	0.625	0.687	0.90	0.0	0.324	0.721	67	47.5	56.2
523	R35Y.075.062ad	0.75	0.5	0.625	0.687	0.90	0.0	0.359	0.616	59	47.5	56.2
524	R10Y.075.062ad	0.75	0.5	0.625	0.687	0.90	0.0	0.389	0.467	48	47.5	56.2
525	R00Y.075.025ad	0.75	0.5	0.625	0.687	0.90	0.0	0.367	0.29	389	47.5	56.2
526	R35Y.075.025ad	0.75	0.5	0.625	0.687	0.90	0.0	0.335	0.188	360	47.5	56.2
527	R10Y.075.025ad	0.75	0.5	0.625	0.687	0.90	0.0	0.324	0.091	330	47.5	56.2
528	B65R.075.025ad	0.75	0.5	0.625	0.687	0.90	0.0	0.345	0.0	311	47.5	56.2
529	B57R.075.025ad	0.75	0.5	0.625	0.687	0.90	0.0	0.415	0.0	300	47.5	56.2
530	B50R.075.025ad	0.75	0.5	0.625	0.687	0.90	0.0	0.421	0.0	288	47.5	56.2
531	B43R.087.037ad	0.75	0.5	0.625	0.687	0.90	0.0	0.378	0.0	288	47.5	56.2
532	R15Y.075.075ad	0.75	0.625	0.375	0.81	0.75	0.137	0.768	0.312	81	47.5	56.2
533	R00Y.075.062ad	0.75	0.625	0.375	0.81	0.75	0.164	0.687	0.295	80	47.5	56.2
534	R35Y.075.037ad	0.75	0.625	0.375	0.81	0.75	0.182	0.599	0.275	77	47.5	56.2
535	R10Y.075.037ad	0.75	0.625	0.375	0.81	0.75	0.212	0.462	0.258	71	47.5	56.2
536	B65R.075.037ad	0.75	0.625	0.375	0.81	0.75	0.218	0.328	0.269	59	47.5	56.2
537	R00Y.075.025ad	0.75	0.625	0.375	0.81	0.75	0.196	0.173	0.269	389	47.5	56.2
538	B57R.075.025ad	0.75	0.625	0.375	0.81	0.75	0.177	0.07	0.282	330	47.5	56.2
539	B50R.075.025ad	0.75	0.625	0.375	0.81	0.75	0.209	0.0	0.251	300	47.5	56.2
540	B43R.087.037ad	0.75	0.625	0.375	0.81	0.75	0.148	0.304	0.139	288	47.5	56.2
541	Y00C.075.075ad	0.75	0.75	0.375	0.90	0.75	0.0	0.817	0.33	89	47.5	56.2
542	Y00C.075.062ad	0.75	0.75	0.375	0.90	0.75	0.0	0.695	0.32	89	47.5	56.2
543	Y00C.075.062ad	0.75	0.75	0.375	0.90	0.75	0.0	0.697	0.302	89	47.5	56.2
544	Y00C.075.037ad	0.75	0.75	0.375	0.90	0.75	0.0	0.651	0.289	89	47.5	56.2
545	Y00C.075.025ad	0.75	0.75	0.375	0.90	0.75	0.0	0.652	0.321	89	47.5	56.2
546	Y00C.075.025ad	0.75	0.75	0.375	0.90	0.75	0.0	0.636	0.186	89	47.5	56.2
547	Y00C.075.012ad	0.75	0.75	0.625	0.75	0.75	0.0	0.035	0.287	360	47.5	56.2
548	Y00C.075.012ad	0.75	0.75	0.625	0.75	0.75	0.0	0.015	0.029	270	47.5	56.2
549	Y00C.075.012ad	0.75	0.75	0.625	0.75	0.75	0.0	0.063	0.09	270	47.5	56.2
550	Y00C.075.012ad	0.75	0.75	0.625	0.75	0.75	0.0	0.138	0.189	270	47.5	56.2
551	Y00C.075.012ad	0.75	0.75	0.625	0.75	0.75	0.0	0.101	0.095	97	47.5	56.2
552	Y00C.075.012ad	0.75	0.75	0.625	0.75	0.75	0.0	0.106	0.181	97	47.5	56.2
553	Y00C.075.012ad	0.75	0.75	0.625	0.75	0.75	0.0	0.106	0.188	99	47.5	56.2
554	Y00C.075.012ad	0.75	0.75	0.625	0.75	0.75	0.0	0.106	0.188	102	47.5	56.2
555	Y00C.075.012ad	0.75	0.75	0.625	0.75	0.75	0.0	0.106	0.188	108	47.5	56.2
556	Y00C.075.012ad	0.75	0.75	0.625	0.75	0.75	0.0	0.106	0.188	119	47.5	56.2
557	Y00C.075.012ad	0.75	0.75	0.625	0.75	0.75	0.0	0.106	0.188	149	47.5	56.2
558	Y00C.075.012ad	0.75	0.75	0.625	0.75	0.75	0.0	0.106	0.188	210	47.5	56.2
559	Y00C.075.012ad	0.75	0.75	0.625	0.75	0.75	0.0	0.106	0.188	102	47.5	56.2
560	Y00C.075.012ad	0.75	0.75	0.625	0.75	0.75	0.0	0.106	0.188	104	47.5	56.2
561	Y00C.075.012ad	0.75	0.75	0.625	0.75	0.75	0.0	0.106	0.188	108	47.5	56.2
562	Y00C.075.012ad	0.75	0.75	0.625	0.75	0.75	0.0	0.106	0.188	112	47.5	56.2
563	Y00C.075.012ad	0.75	0.75	0.625	0.75	0.75	0.0	0.106	0.188	119	47.5	56.2
564	Y00C.075.012ad	0.75	0.75	0.625	0.75	0.75	0.0	0.106	0.188	131	47.5	56.2
565	Y00C.075.012ad	0.75	0.75	0.625	0.75	0.75	0.0	0.106	0.188	149	47.5	56.2
566	Y00C.075.012ad	0.75	0.75	0.625	0.75	0.75	0.0	0.106	0.188	180	47.5	56.2

voir fichiers similaires: <http://130.149.60.45/~farbmatrik/QF69/QF69.HTM>
 informations techniques: <http://www.ps.bam.de> ou <http://130.149.60.45/~farbmatrik>

entrée : $rgb/cmyk \rightarrow rgb_{dd}$
 sortie : linéarisation 3D selon $cmyk^*_{dd}$

graphique TUB-QF69; code de teinte: H_d^{*}=Y75G_d

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n	H1C*Fid	rgb_Fid	hls_Fid	rgb*Fid	LabCh*Fid	cmyk*_sep_Fid	rgb*_Mid	hls*_Mid	LabCh*_Mid	delta
891	NW_100Mid	1.0	1.0	1.0	95.8	0.0	1.0	360	95.8	0.0
892	B50R_100.012Mid	0.875	1.0	0.875	89.8	0.0	1.0	330	48.1	66.6
893	B50R_100.025Mid	0.75	1.0	0.75	83.9	0.0	1.0	330	48.1	66.6
894	B50R_100.037Mid	0.625	1.0	0.625	77.9	0.0	1.0	330	48.1	66.6
895	B50R_100.050Mid	0.5	1.0	0.5	72.0	0.0	1.0	330	48.1	66.6
896	B50R_100.062Mid	0.375	1.0	0.375	66.0	0.0	1.0	330	48.1	66.6
897	B50R_100.075Mid	0.25	1.0	0.25	60.1	0.0	1.0	330	48.1	66.6
898	B50R_100.087Mid	0.125	1.0	0.125	54.1	0.0	1.0	330	48.1	66.6
899	B50R_100.100Mid	0.0	1.0	0.0	48.1	0.0	1.0	330	48.1	66.6
900	GOE1_100.012Mid	0.875	1.0	0.875	90.6	0.0	1.0	360	54.3	74.3
901	NW_087Mid	0.875	0.875	0.875	86.8	0.0	0.0	0.0	0.0	0.0
902	B50R_087.012Mid	0.875	0.875	0.875	80.8	0.0	0.0	0.0	0.0	0.0
903	B50R_087.025Mid	0.875	0.875	0.875	74.9	0.0	0.0	0.0	0.0	0.0
904	B50R_087.037Mid	0.875	0.875	0.875	68.9	0.0	0.0	0.0	0.0	0.0
905	B50R_087.050Mid	0.875	0.875	0.875	63.0	0.0	0.0	0.0	0.0	0.0
906	B50R_087.062Mid	0.875	0.875	0.875	57.0	0.0	0.0	0.0	0.0	0.0
907	B50R_087.075Mid	0.875	0.875	0.875	51.1	0.0	0.0	0.0	0.0	0.0
908	B50R_087.087Mid	0.875	0.875	0.875	45.1	0.0	0.0	0.0	0.0	0.0
909	GOE1_100.025Mid	0.75	1.0	0.75	85.4	0.0	1.0	330	54.3	74.3
910	GOE1_100.037Mid	0.625	1.0	0.625	79.5	0.0	1.0	330	54.3	74.3
911	B50R_075.012Mid	0.75	0.75	0.75	77.8	0.0	0.0	0.0	0.0	0.0
912	B50R_075.025Mid	0.625	0.75	0.625	71.8	0.0	0.0	0.0	0.0	0.0
913	B50R_075.037Mid	0.5	0.75	0.5	65.9	0.0	0.0	0.0	0.0	0.0
914	B50R_075.050Mid	0.375	0.75	0.375	59.9	0.0	0.0	0.0	0.0	0.0
915	B50R_075.062Mid	0.25	0.75	0.25	54.0	0.0	0.0	0.0	0.0	0.0
916	B50R_075.075Mid	0.125	0.75	0.125	48.1	0.0	0.0	0.0	0.0	0.0
917	B50R_075.087Mid	0.0	0.75	0.0	42.1	0.0	0.0	0.0	0.0	0.0
918	GOE1_100.037Mid	0.625	1.0	0.625	80.2	-25.3	1.0	330	54.3	74.3
919	GOE1_100.050Mid	0.5	1.0	0.5	75.0	-33.8	1.0	330	54.3	74.3
920	GOE1_100.062Mid	0.375	1.0	0.375	69.9	-42.3	1.0	330	54.3	74.3
921	GOE1_100.075Mid	0.25	1.0	0.25	64.7	-50.7	1.0	330	54.3	74.3
922	B50R_062.012Mid	0.625	0.625	0.625	62.5	0.0	0.0	0.0	0.0	0.0
923	B50R_062.025Mid	0.625	0.625	0.625	56.5	0.0	0.0	0.0	0.0	0.0
924	B50R_062.037Mid	0.625	0.625	0.625	50.5	0.0	0.0	0.0	0.0	0.0
925	B50R_062.050Mid	0.625	0.625	0.625	44.5	0.0	0.0	0.0	0.0	0.0
926	B50R_062.062Mid	0.625	0.625	0.625	38.5	0.0	0.0	0.0	0.0	0.0
927	GOE1_100.050Mid	0.5	1.0	0.5	75.0	-33.8	1.0	330	54.3	74.3
928	GOE1_087.037Mid	0.5	0.875	0.5	71.2	-25.3	1.0	330	54.3	74.3
929	GOE1_087.050Mid	0.5	0.875	0.5	67.4	-16.9	1.0	330	54.3	74.3
930	GOE1_087.062Mid	0.5	0.875	0.5	63.6	-8.4	1.0	330	54.3	74.3
931	NW_050Mid	0.5	0.5	0.5	59.8	0.0	0.0	0.0	0.0	0.0
932	B50R_050.012Mid	0.5	0.375	0.5	53.8	8.1	0.0	0.0	0.0	0.0
933	B50R_050.025Mid	0.5	0.375	0.5	47.9	16.3	0.0	0.0	0.0	0.0
934	B50R_050.037Mid	0.5	0.375	0.5	41.9	24.5	0.0	0.0	0.0	0.0
935	B50R_050.050Mid	0.5	0.375	0.5	35.9	32.7	0.0	0.0	0.0	0.0
936	B50R_050.062Mid	0.375	1.0	0.375	69.9	-42.3	1.0	330	54.3	74.3
937	GOE1_087.050Mid	0.375	0.875	0.375	66.0	-33.8	1.0	330	54.3	74.3
938	GOE1_087.062Mid	0.375	0.875	0.375	62.5	-25.3	1.0	330	54.3	74.3
939	GOE1_087.075Mid	0.375	0.875	0.375	58.4	-16.9	1.0	330	54.3	74.3
940	GOE1_087.087Mid	0.375	0.875	0.375	54.6	-8.4	1.0	330	54.3	74.3
941	NW_037Mid	0.375	0.375	0.375	50.8	0.0	0.0	0.0	0.0	0.0
942	B50R_037.012Mid	0.375	0.375	0.375	44.8	8.1	0.0	0.0	0.0	0.0
943	B50R_037.025Mid	0.375	0.375	0.375	38.9	16.3	0.0	0.0	0.0	0.0
944	B50R_037.037Mid	0.375	0.375	0.375	32.9	24.5	0.0	0.0	0.0	0.0
945	B50R_037.050Mid	0.25	1.0	0.25	64.7	-50.7	1.0	330	54.3	74.3
946	GOE1_100.075Mid	0.25	0.875	0.25	60.9	-42.3	1.0	330	54.3	74.3
947	GOE1_100.087Mid	0.25	0.875	0.25	57.0	-33.8	1.0	330	54.3	74.3
948	GOE1_100.100Mid	0.25	0.875	0.25	51.1	-25.3	1.0	330	54.3	74.3
949	GOE1_050.012Mid	0.25	0.375	0.25	49.4	-16.9	1.0	330	54.3	74.3
950	GOE1_050.025Mid	0.25	0.375	0.25	45.6	-8.4	1.0	330	54.3	74.3
951	NW_025Mid	0.25	0.25	0.25	41.8	0.0	0.0	0.0	0.0	0.0
952	B50R_025.012Mid	0.25	0.25	0.25	35.8	8.1	0.0	0.0	0.0	0.0
953	B50R_025.025Mid	0.25	0.25	0.25	29.9	16.3	0.0	0.0	0.0	0.0
954	B50R_025.037Mid	0.125	1.0	0.125	59.5	-59.2	1.0	330	54.3	74.3
955	GOE1_087.075Mid	0.125	0.875	0.125	55.7	-50.7	1.0	330	54.3	74.3
956	GOE1_087.087Mid	0.125	0.875	0.125	51.9	-42.3	1.0	330	54.3	74.3
957	GOE1_087.100Mid	0.125	0.875	0.125	46.0	-33.8	1.0	330	54.3	74.3
958	GOE1_062.050Mid	0.125	0.625	0.125	44.2	-25.3	1.0	330	54.3	74.3
959	GOE1_062.062Mid	0.125	0.625	0.125	40.4	-16.9	1.0	330	54.3	74.3
960	GOE1_062.075Mid	0.125	0.625	0.125	36.6	-8.4	1.0	330	54.3	74.3
961	NW_012Mid	0.125	0.125	0.125	32.8	0.0	0.0	0.0	0.0	0.0
962	B50R_012.012Mid	0.125	0.125	0.125	26.8	8.1	0.0	0.0	0.0	0.0
963	GOE1_100.100Mid	0.0	1.0	0.0	54.3	-67.6	1.0	330	54.3	74.3
964	GOE1_087.087Mid	0.0	0.875	0.0	50.5	-59.2	1.0	330	54.3	74.3
965	GOE1_075.075Mid	0.0	0.75	0.0	46.7	-50.7	1.0	330	54.3	74.3
966	GOE1_062.062Mid	0.0	0.625	0.0	42.9	-42.3	1.0	330	54.3	74.3
967	GOE1_050.050Mid	0.0	0.5	0.0	39.0	-33.8	1.0	330	54.3	74.3
968	GOE1_037.037Mid	0.0	0.375	0.0	35.2	-25.3	1.0	330	54.3	74.3
969	GOE1_025.025Mid	0.0	0.25	0.0	31.4	-16.9	1.0	330	54.3	74.3
970	GOE1_012.012Mid	0.0	0.125	0.0	27.6	-8.4	1.0	330	54.3	74.3
971	NW_000Mid	0.0	0.0	0.0	23.8	0.0	0.0	0.0	0.0	0.0

QF690-7N, 31/33-F

graphique TUB-QF69; code de teinte: H*d=Y75Gd
couleurs et différences, ΔE,*

entrée : rgb/cmyk -> rgbdd
sortie : linéarisation 3D selon cmyk*dd

<http://130.149.60.45/~farbmetrik/QF69/QF69L0FP.PDF> /PS; linéarisation 3D
F: linéarisation 3D QF69/QF69L0FP.DAT dans fichier (F), page 33/33

n	HVC*Fid	rgb_Fid	ic*_Fid	hsa_Fid	rgb*_Fid	LabCh*_Fid	cmyk*_sep_Fid	0.02	0.019	0.164	hsa_did	rgb*_did	LabCh*_did	0.0	0.016	0.103	360	1.0	1.0	95.8	0.0	0.0
1053	NW_086ad	0.866	0.866	0.866	0.866	86.1	0.0	0.0	0.0	0.0	360	1.0	95.8	0.0	0.0	0.0	360	1.0	1.0	95.8	0.0	0.0
1054	NW_093ad	0.933	0.933	0.933	0.933	91.0	0.0	0.0	0.0	0.0	360	1.0	95.8	0.0	0.0	0.0	360	1.0	1.0	95.8	0.0	0.0
1055	NW_100ad	1.0	1.0	1.0	1.0	95.8	0.0	0.0	0.0	0.0	360	1.0	95.8	0.0	0.0	0.0	360	1.0	1.0	95.8	0.0	0.0
1056	NW_006ad	0.066	0.066	0.066	0.066	23.8	0.0	0.0	0.0	0.0	360	1.0	95.8	0.0	0.0	0.0	360	1.0	1.0	95.8	0.0	0.0
1057	NW_006ad	0.066	0.066	0.066	0.066	23.8	0.0	0.0	0.0	0.0	360	1.0	95.8	0.0	0.0	0.0	360	1.0	1.0	95.8	0.0	0.0
1058	NW_013ad	0.133	0.133	0.133	0.133	33.4	0.0	0.0	0.0	0.0	360	1.0	95.8	0.0	0.0	0.0	360	1.0	1.0	95.8	0.0	0.0
1059	NW_026ad	0.2	0.2	0.2	0.2	38.2	0.0	0.0	0.0	0.0	360	1.0	95.8	0.0	0.0	0.0	360	1.0	1.0	95.8	0.0	0.0
1060	NW_026ad	0.266	0.266	0.266	0.266	42.9	0.0	0.0	0.0	0.0	360	1.0	95.8	0.0	0.0	0.0	360	1.0	1.0	95.8	0.0	0.0
1061	NW_033ad	0.333	0.333	0.333	0.333	47.8	0.0	0.0	0.0	0.0	360	1.0	95.8	0.0	0.0	0.0	360	1.0	1.0	95.8	0.0	0.0
1062	NW_040ad	0.4	0.4	0.4	0.4	52.6	0.0	0.0	0.0	0.0	360	1.0	95.8	0.0	0.0	0.0	360	1.0	1.0	95.8	0.0	0.0
1063	NW_046ad	0.466	0.466	0.466	0.466	57.3	0.0	0.0	0.0	0.0	360	1.0	95.8	0.0	0.0	0.0	360	1.0	1.0	95.8	0.0	0.0
1064	NW_053ad	0.533	0.533	0.533	0.533	62.2	0.0	0.0	0.0	0.0	360	1.0	95.8	0.0	0.0	0.0	360	1.0	1.0	95.8	0.0	0.0
1065	NW_060ad	0.6	0.6	0.6	0.6	67.0	0.0	0.0	0.0	0.0	360	1.0	95.8	0.0	0.0	0.0	360	1.0	1.0	95.8	0.0	0.0
1066	NW_066ad	0.666	0.666	0.666	0.666	71.7	0.0	0.0	0.0	0.0	360	1.0	95.8	0.0	0.0	0.0	360	1.0	1.0	95.8	0.0	0.0
1067	NW_073ad	0.734	0.734	0.734	0.734	76.6	0.0	0.0	0.0	0.0	360	1.0	95.8	0.0	0.0	0.0	360	1.0	1.0	95.8	0.0	0.0
1068	NW_080ad	0.8	0.8	0.8	0.8	81.4	0.0	0.0	0.0	0.0	360	1.0	95.8	0.0	0.0	0.0	360	1.0	1.0	95.8	0.0	0.0
1069	NW_086ad	0.866	0.866	0.866	0.866	86.1	0.0	0.0	0.0	0.0	360	1.0	95.8	0.0	0.0	0.0	360	1.0	1.0	95.8	0.0	0.0
1070	NW_093ad	0.933	0.933	0.933	0.933	91.0	0.0	0.0	0.0	0.0	360	1.0	95.8	0.0	0.0	0.0	360	1.0	1.0	95.8	0.0	0.0
1071	NW_100ad	1.0	1.0	1.0	1.0	95.8	0.0	0.0	0.0	0.0	360	1.0	95.8	0.0	0.0	0.0	360	1.0	1.0	95.8	0.0	0.0
1072	NW_000ad	0.0	0.0	0.0	0.0	23.8	0.0	0.0	0.0	0.0	360	1.0	95.8	0.0	0.0	0.0	360	1.0	1.0	95.8	0.0	0.0
1073	NW_000ad	0.0	0.0	0.0	0.0	23.8	0.0	0.0	0.0	0.0	360	1.0	95.8	0.0	0.0	0.0	360	1.0	1.0	95.8	0.0	0.0
1074	ROXY_100_100ad	1.0	1.0	1.0	1.0	95.8	0.0	0.0	0.0	0.0	360	1.0	95.8	0.0	0.0	0.0	360	1.0	1.0	95.8	0.0	0.0
1075	G50B_100_100ad	0.0	0.0	1.0	1.0	47.5	57.2	37.8	68.6	33.4	389	1.0	95.8	0.0	0.0	0.0	210	0.0	1.0	53.1	30.0	33.4
1076	G50B_100_100ad	0.0	1.0	1.0	1.0	53.1	-30.0	-43.1	52.5	23.1	210	0.0	1.0	0.0	0.0	0.0	89	1.0	1.0	91.5	-15.8	100.5
1077	Y00C_100_100ad	1.0	1.0	1.0	1.0	95.8	84.6	86.1	100.5	0.0	89	1.0	0.0	0.0	0.0	0.0	270	0.0	1.0	32.5	16.9	47.7
1078	B00C_100_100ad	0.0	0.0	1.0	1.0	32.5	16.9	-44.6	47.7	290.8	270	0.0	0.0	0.0	0.0	0.0	149	0.0	1.0	48.1	-67.6	348.9
1079	G00B_100_100ad	0.0	1.0	1.0	1.0	54.3	30.8	74.3	155.5	0.0	149	0.0	1.0	0.0	0.0	0.0	330	1.0	0.0	48.1	-12.7	66.6
1080	B50R_100_100ad	1.0	0.0	1.0	1.0	48.1	65.4	-65.4	66.6	348.9	330	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	48.1	65.4	-12.7

delta

QF690-7N, 33/33-F

3-1033230-F0

graphique TUB-QF69; code de teinte: H*_d=Y75Gd
couleurs et différences, ΔE**

entrée : rgb/cmyk -> rgb_{dd}
sortie : linéarisation 3D selon cmyk*_dd

voir fichiers similaires: <http://130.149.60.45/~farbmetrik/QF69/QF69L0FP.PDF> / .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 $h_{ab,a,rel} = h_{ab}/360 = 139/360 = 0.38$

Données de couleurs périphériques (d)

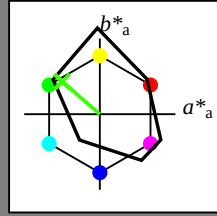
ou élémentaires (e):

HIC^*

code de teinte pour les couleurs de cette page:

$H^*_- = Y75G_-$

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):

$LabCh^*_{-,Ma}$: 62 -49 43 65 139

$HIC^*_{-,Ma}$: Y75G_100_100_

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

0.23 1.0 0.0 1.0 1.0

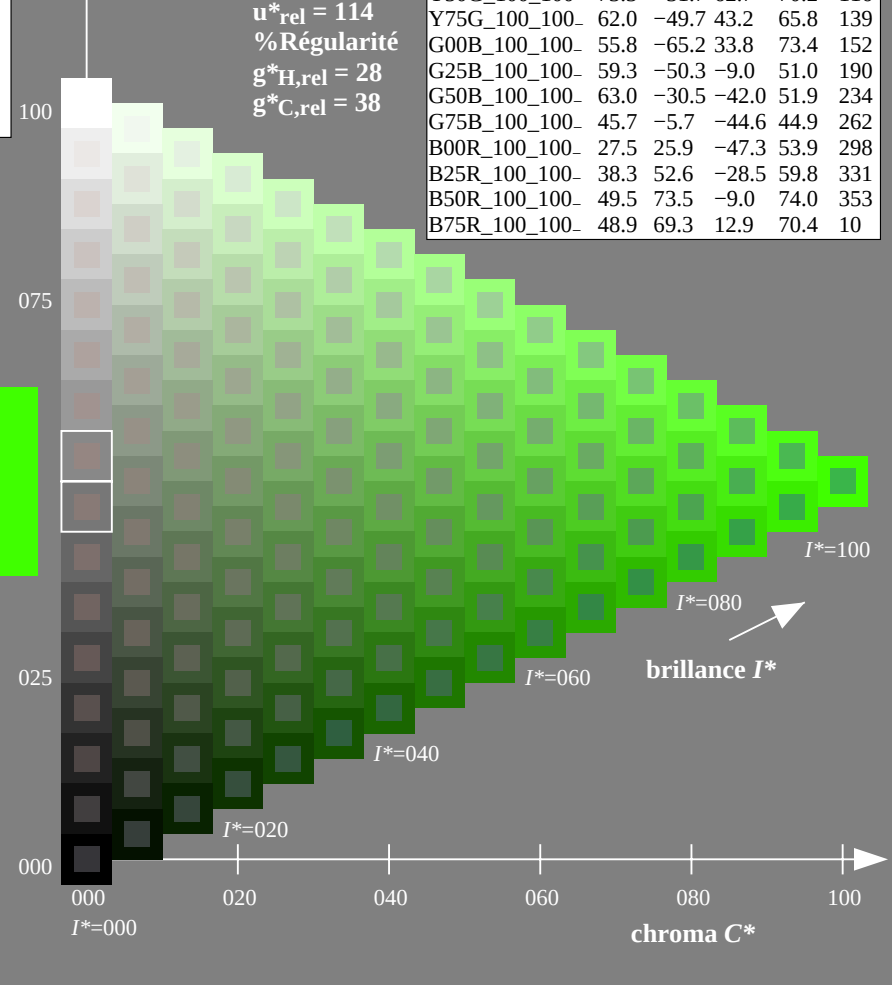
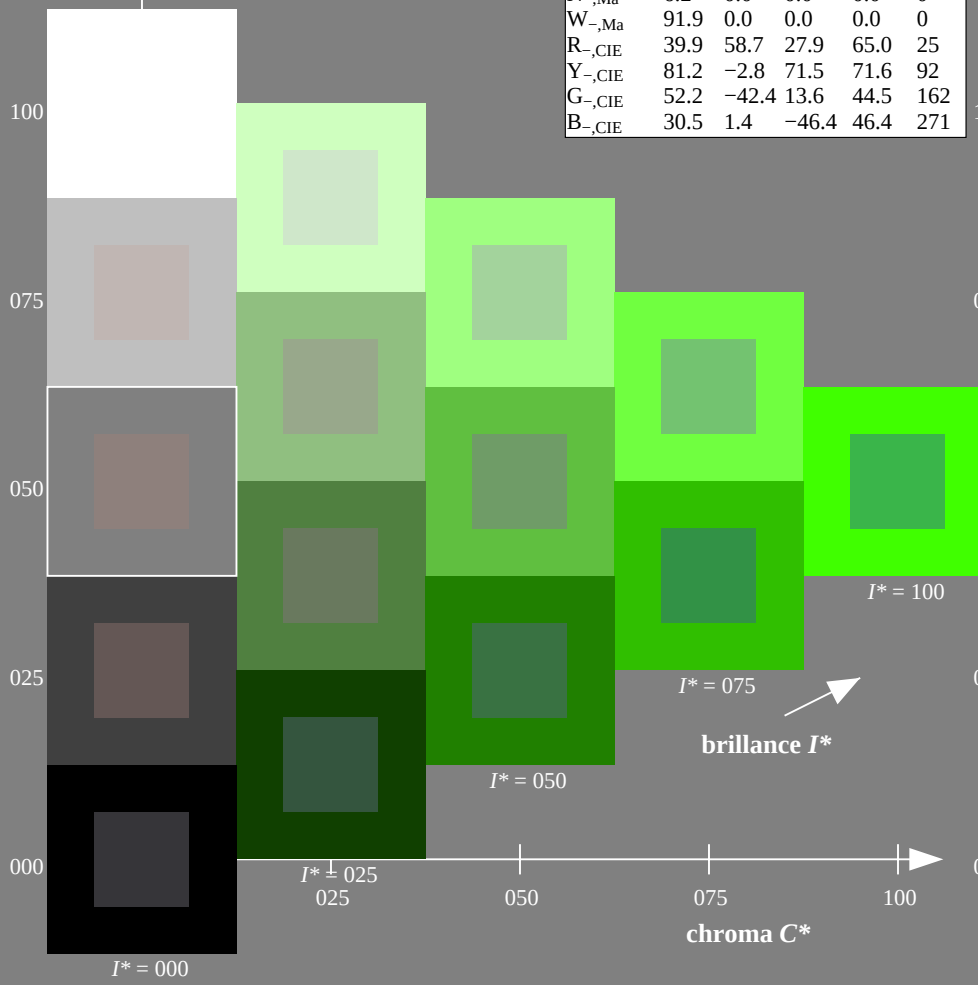
triangle de luminosité T^*

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

$H^*_- = Y75G_-$

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



3-113030-L0 QF690-7N

graphique TUB-QF69; code de teinte: $H^*_- = Y75G_-$
graphique conforme à DIN 33872, 3D=1, de=1, cmk^*

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

TUB enregistrement: 20130201-QF69/QF69L0FP.PDF /.PS
application pour la mesure des sorties sur imprimante laser

TUB matériel: code=rha4ta

voir fichiers similaires: <http://130.149.60.45/~farbmetrik/QF69/QF69L0FP.PDF> / .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 $h_{ab,a,rel} = h_{ab}/360 = 145/360 = 0.4$

$H^*_e = Y75G_e$

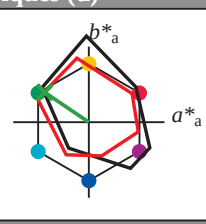
Données de couleurs périphériques (d)
ou élémentaires (e):

HIC^*_e

code de teinte pour les couleurs de cette page:

$H^*_e = Y75G_e$

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):

$LabCh^*_e, Ma: 59 -58 39 70 145$

$HIC^*_e, Ma: Y75G_{100_{100}_e}$

$rgbic^*_e, Ma:$

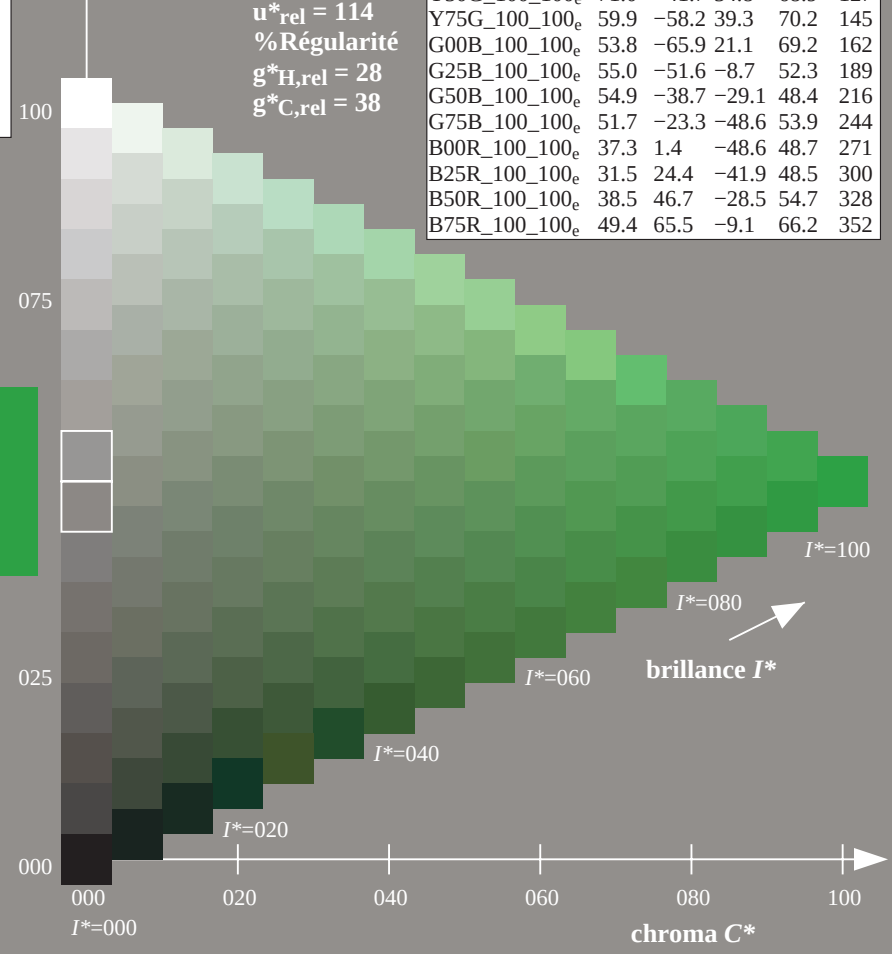
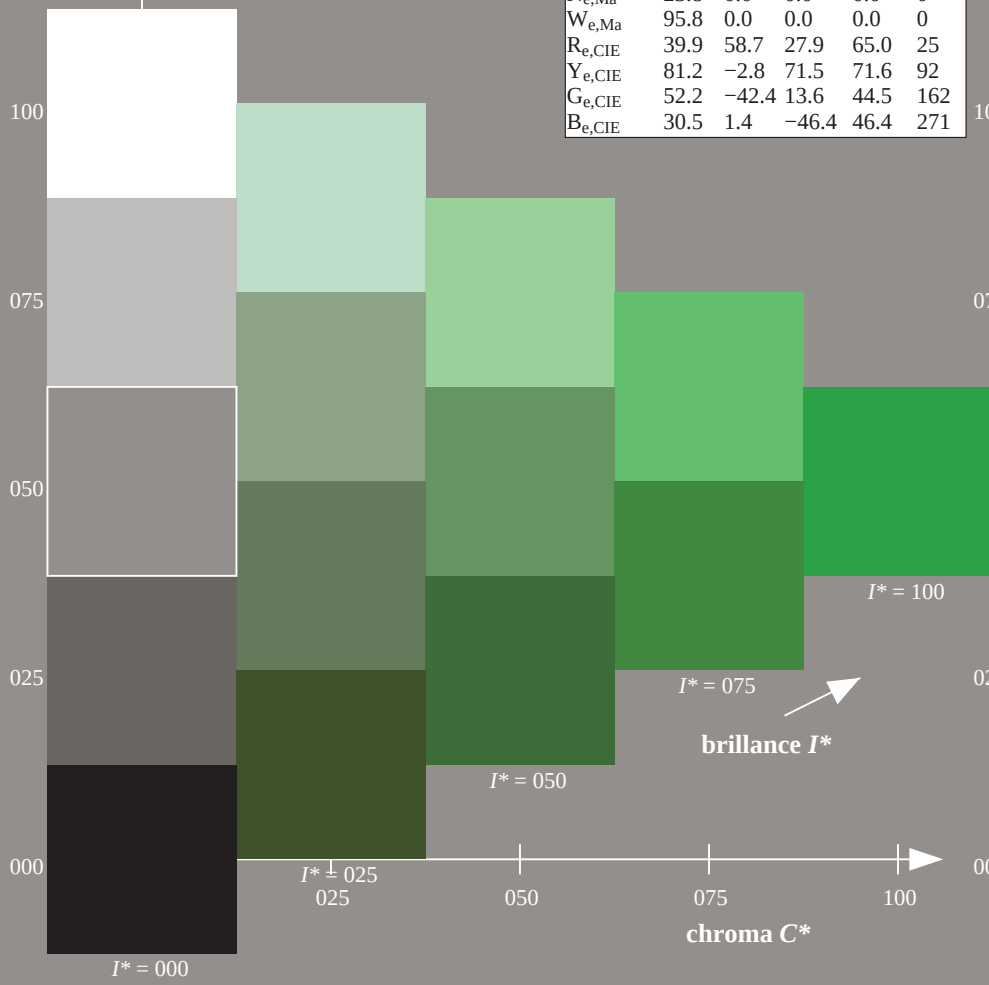
0.22 1.0 0.0 1.0 1.0

triangle de luminosité T^*

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

LRS18a; données CIELAB (a) adaptées

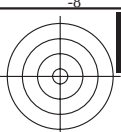
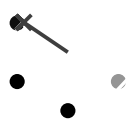
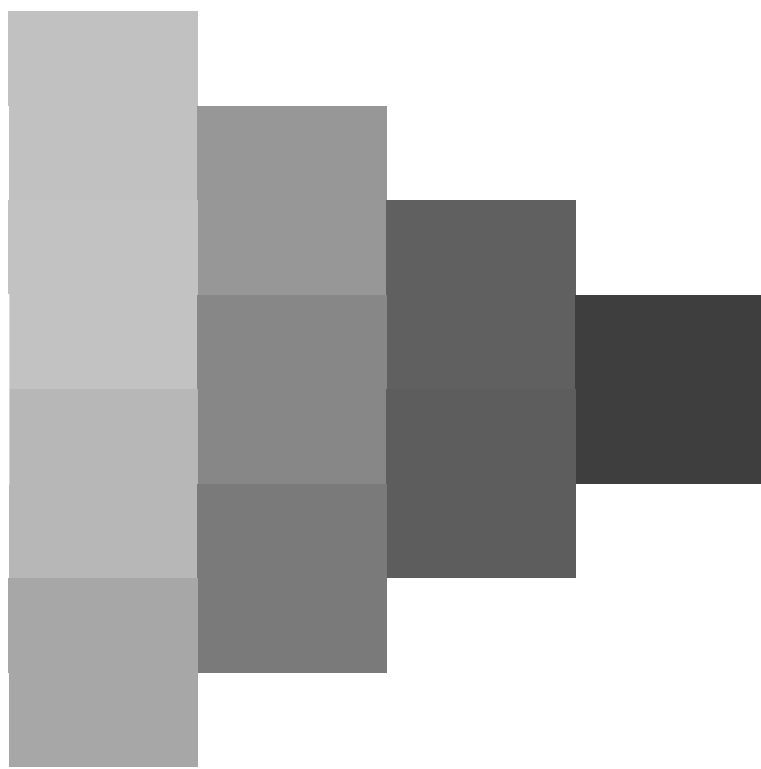
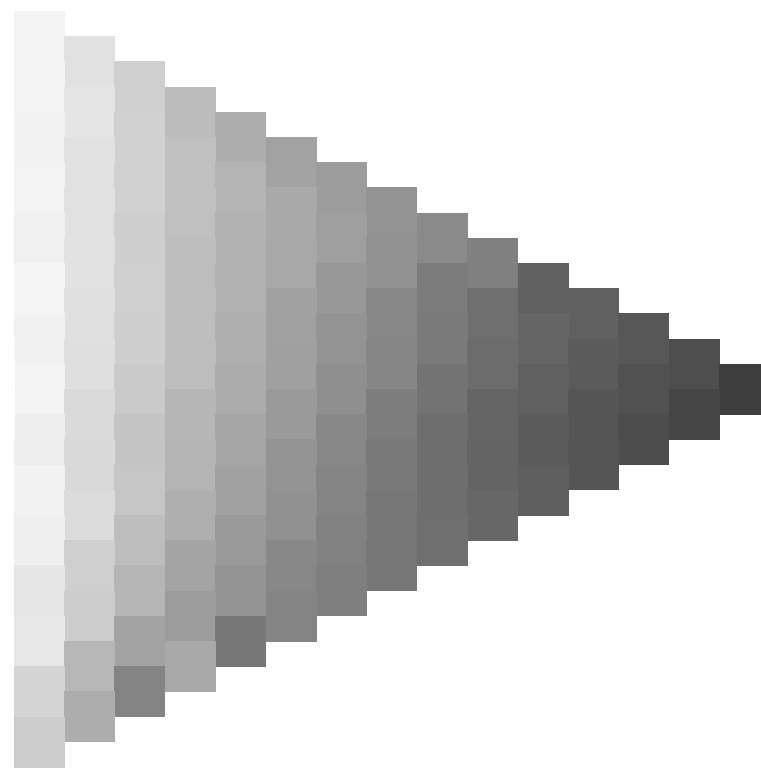
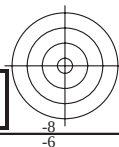
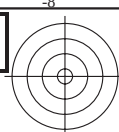
H^*_e	$L^*=L^*_a a^*_a$	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
$R00Y_{100_{100}_e}$	47.5	56.0	26.7	62.1
$R25Y_{100_{100}_e}$	51.4	54.8	47.7	72.6
$R50Y_{100_{100}_e}$	61.8	35.2	58.4	68.2
$R75Y_{100_{100}_e}$	72.3	16.1	68.2	70.1
$Y00G_{100_{100}_e}$	83.6	-3.1	76.8	76.9
$Y25G_{100_{100}_e}$	85.8	-26.4	78.5	82.9
$Y50G_{100_{100}_e}$	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



graphique TUB-QF69; code de teinte: $H^*_e=Y75G_e$
graphique conforme à DIN 33872, 3D=1, de=1, cmk^*

entrée : $rgb/cmyk \rightarrow rgb_{de}$
sortie : linéarisation 3D selon cmk^*_{de}

TUB enregistrement: 20130201-QF69/QF69L0FP.PDF /.PS
application pour la mesure des sorties sur imprimante laser, séparation cmk^*_{6*} (CMYK)
TUB matériel: code=rha4ta



Entrée et sortie: Systeme Printer Reflective FRS06a pour la teinte CIELAB relative $h_{ab,abrel} = h_{ab}/360 = 145/360 = 0.4$

$H^*_e = Y75G_e$

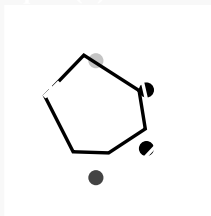
Données de couleurs périphériques (d)
ou élémentaires (e):

HIC^*_e

code de teinte pour les cou-
leurs de cette page:

$H^*_e = Y75G_e$

triangle de luminosité T^*



Les données de couleur maximale (Ma):

$LabCh^*_eMa$: 59 -58 39 70 145

HIC^*_eMa : Y75G_100_100_e

$rgbic^*_eMa$:

0.22 1.0 0.0 1.0 1.0

triangle de luminosité T^*

%Gamme

$u^*_{rel} = 114$

%Régularité

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

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



voir fichiers similaires: <http://130.149.60.45/~farbmetrik/QF69/QF69L0FP.PDF> / .PS
informations techniques: <http://www.ps.bam.de> ou <http://130.149.60.45/~farbmetrik>

TUB enregistrement: 20130201-QF69/QF69L0FP.PDF /.PS TUB matériel: code=rha4ta
application pour la mesure des sorties sur imprimante laser, séparation cmyk* (CMYK)

3-113330-L0 QF690-73

graphique TUB-QF69; code de teinte: $H^*_e=Y75G_e$
graphique conforme à DIN 33872, 3D=1, de=1, cmyk*

entrée : $rgb/cmyk \rightarrow rgb_{de}$
sortie : linéarisation 3D selon $cmyk^*_{de}$

Entrée et sortie: Système Printer Reflective FRS06a pour la teinte CIELAB relative $h_{ab,a,rel} = h_{ab}/360 = 145/360 = 0.4$

$H^*_e = Y75G_e$

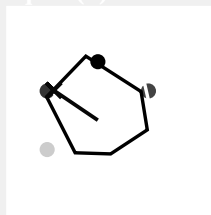
Données de couleurs périphériques (d)
ou élémentaires (e):

HIC^*_e

code de teinte pour les cou-
leurs de cette page:

$H^*_e = Y75G_e$

triangle de luminosité T^*



Les données de couleur maximale (Ma):

$LabCh^*_{e,Ma}$: 59 -58 39 70 145

$HIC^*_{e,Ma}$: Y75G_100_100e

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

0.22 1.0 0.0 1.0 1.0

triangle de luminosité T^*

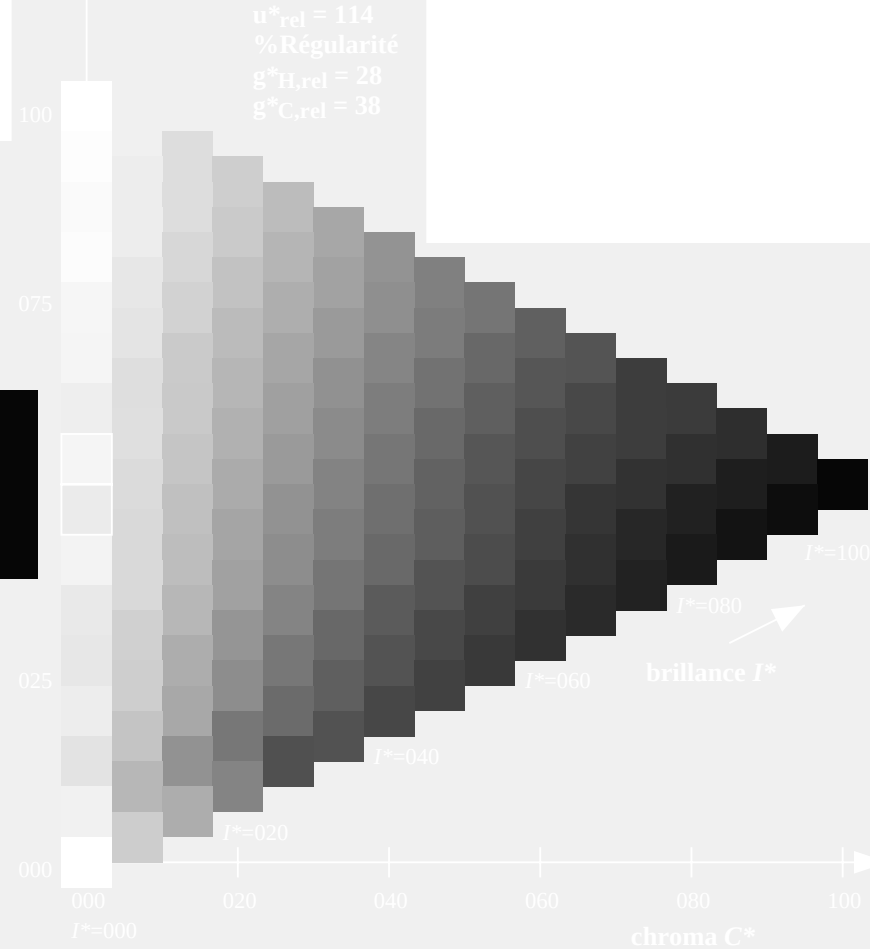
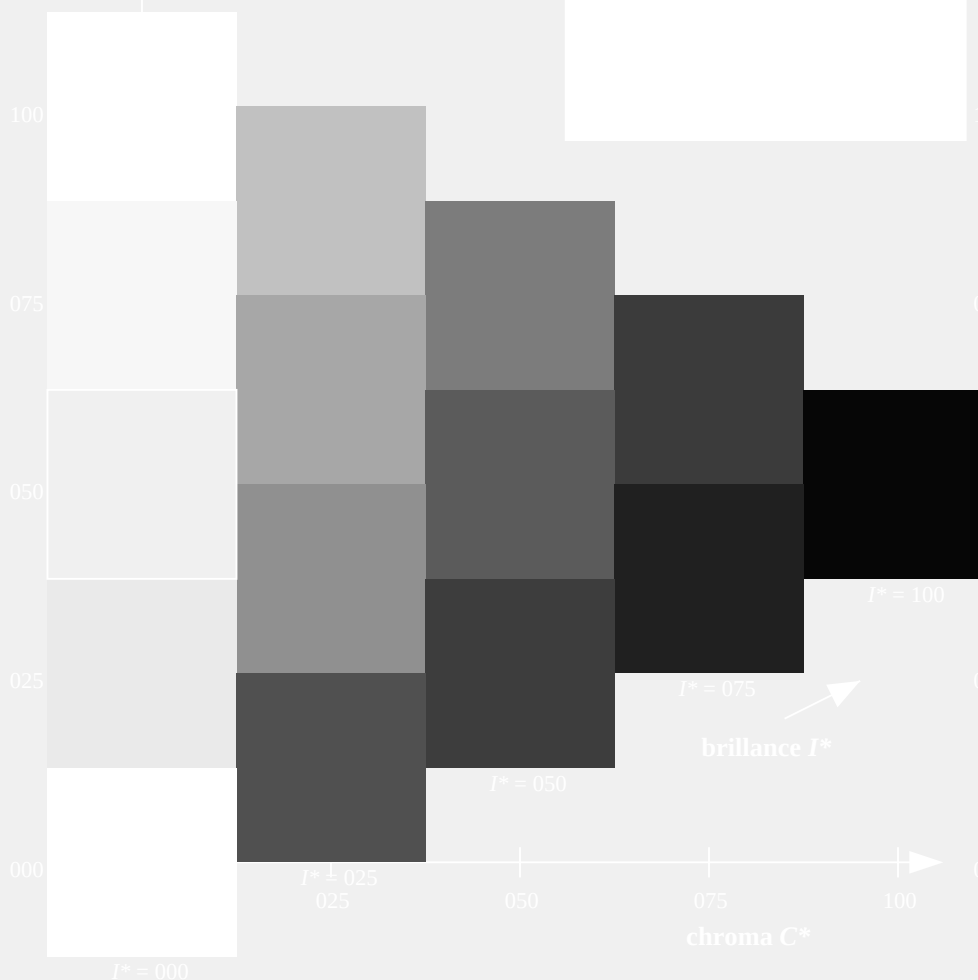
% Gamme

$u^*_{rel} = 114$

% Régularité

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

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



Entrée et sortie: Système Printer Reflective FRS06a pour la teinte CIELAB relative $h_{ab,a,rel} = h_{ab}/360 = 145/360 = 0.4$

$H^*_e = Y75G_e$

Données de couleurs périphériques (d)

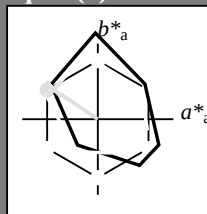
ou élémentaires (e):

HIC^*_e

code de teinte pour les couleurs de cette page:

$H^*_e = Y75G_e$

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):

$LabCh^*_{e, Ma}$: 59 -58 39 70 145

$HIC^*_{e, Ma}$: Y75G_100_100_e

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

0.22 1.0 0.0 1.0 1.0

triangle de luminosité T^*

% Gamme

$u^*_{rel} = 114$

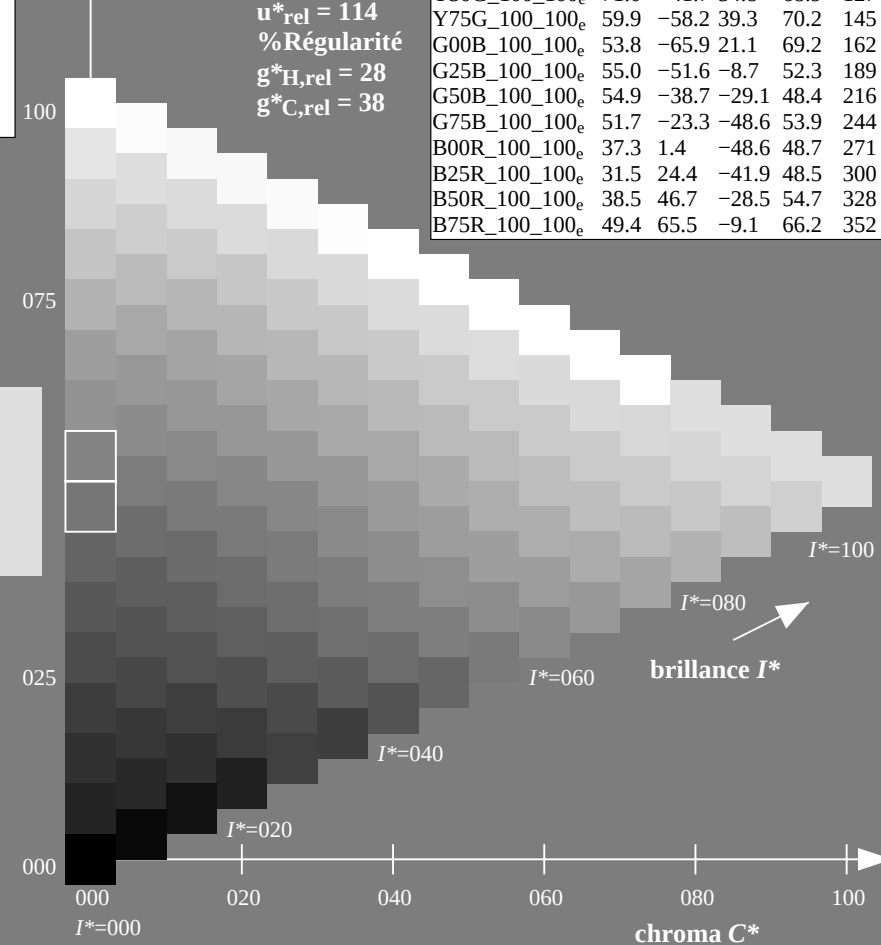
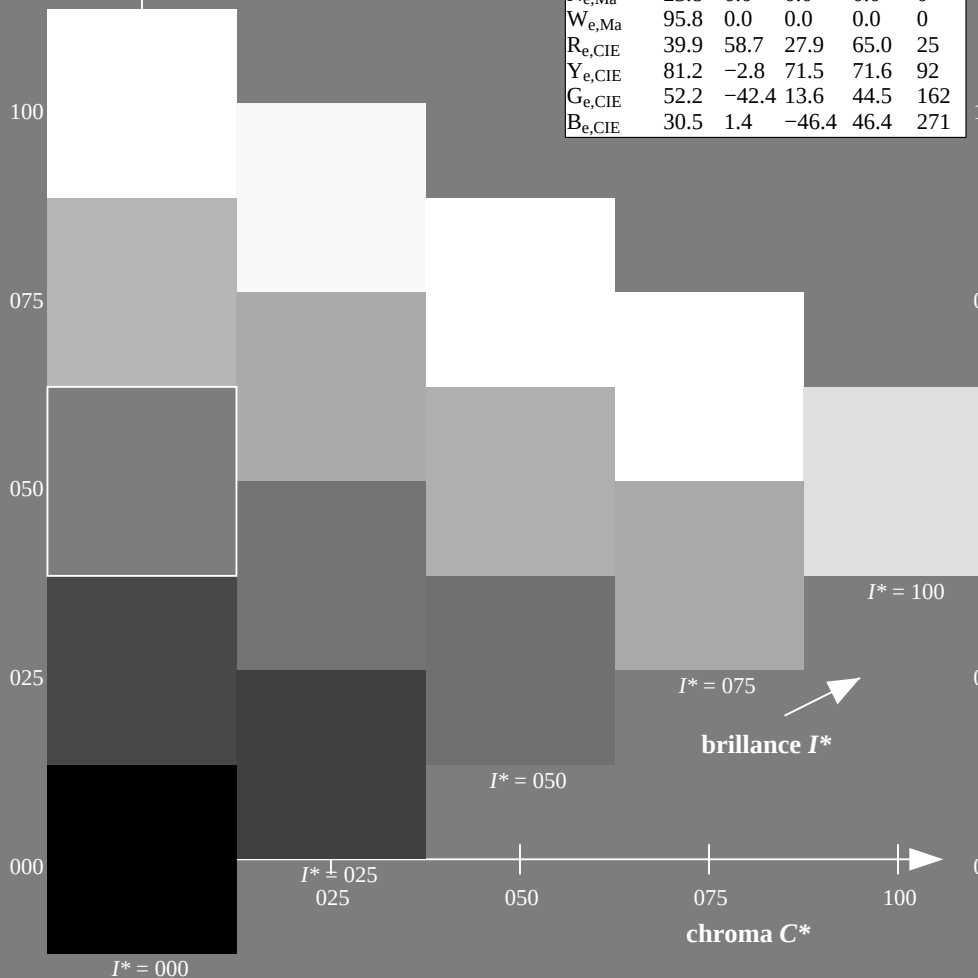
% Régularité

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

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

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-QF69; code de teinte: $H^*_e = Y75G_e$
graphique conforme à DIN 33872, 3D=1, de=1, cmk^*

entrée : $rgb/cmyk \rightarrow rgb_{de}$
sortie : linéarisation 3D selon cmk^*_{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 $RYGCBM_s$: $h_{ab,ds} = 30.0, 90.0, 150.0, 210.0, 270.0, 330.0$;
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}

3-113630-L0 QF690-73 LAB*la0, YN=0%, XYZnw=3.9, 4.1, 4.1, 84.7, 89.6, 93.9, LAB*nw=23.9, 0.0, 0.0, 95.8, 0.0, 0.0

graphique TUB-QF69; code de teinte: $H^*_e=Y75G_e$
cercle chromatique 48 paliers; tableaux $rgb-LabCh^*$

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

sortie : linéarisation 3D selon $cmyk^*_{de}$

sortie: Laser printer output; separation cmy6*, D65, page 7/33

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

$h_{ab,d}$	$h_{ab,s}$	$h_{ab,e}$	rgb^*_{dd64M}			LAB^*_{ddx64M} (x=LabCh)					$rgb^*_{ddx361M}$			$LAB^*_{ddx361M}$ (x=LabCh)					$rgb^*_{dsx361M}$			$LAB^*_{dsx361M}$ (x=LabCh)					$rgb^*_{dex361M}$			$LAB^*_{dex361M}$				
33.4	30.0	25.4	1.0	0.0	0.0	47.5	57.2	37.8	68.6	33.4	1.0	0.0	0.0	47.6	57.2	37.9	68.6	33	1.0	0.0	0.158	47.7	56.3	32.5	65.0	30	1.0	0.0	0.263	47.6	56.1	26.7	62.1	25
42.1	37.5	33.8	1.0	0.125	0.0	51.9	54.3	49.2	73.2	42.1	1.0	0.117	0.0	51.7	54.6	48.5	73.0	41	1.0	0.05	0.0	49.4	56.3	42.4	70.5	37	1.0	0.0	0.012	47.6	57.2	37.5	68.4	33
52.8	45.0	42.1	1.0	0.25	0.0	58.2	41.8	55.1	69.2	52.8	1.0	0.25	0.0	58.3	41.8	55.2	69.2	52	1.0	0.158	0.0	53.6	51.1	51.1	72.2	45	1.0	0.125	0.0	52.0	54.3	49.2	73.3	42
63.7	52.5	50.5	1.0	0.375	0.0	64.6	29.8	60.4	67.3	63.7	1.0	0.367	0.0	64.2	30.6	60.1	67.5	63	1.0	0.24	0.0	57.8	42.8	54.8	69.6	52	1.0	0.216	0.0	56.6	45.2	53.9	70.3	49
73.8	60.0	58.8	1.0	0.5	0.0	70.5	19.2	66.2	69.0	73.8	1.0	0.5	0.0	70.5	19.2	66.3	69.0	73	1.0	0.332	0.0	62.5	34.0	58.9	68.0	60	1.0	0.32	0.0	61.8	35.2	58.4	68.2	58
80.7	67.5	67.2	1.0	0.625	0.0	74.9	11.4	70.7	71.6	80.7	1.0	0.617	0.0	74.6	12.0	70.5	71.5	80	1.0	0.416	0.0	66.6	26.5	62.5	67.9	67	1.0	0.412	0.0	66.4	26.9	62.3	67.9	66
91.5	75.0	75.6	1.0	0.75	0.0	82.9	-2.0	76.9	77.0	91.5	1.0	0.75	0.0	83.0	-1.9	77.0	77.0	-268	1.0	0.521	0.0	71.3	18.0	67.1	69.5	75	1.0	0.532	0.0	71.6	17.3	67.3	69.7	75
96.8	82.5	83.9	1.0	0.875	0.0	87.6	-9.0	75.7	76.3	96.8	1.0	0.867	0.0	87.3	-8.5	75.9	76.4	96	1.0	0.639	0.0	75.8	10.1	71.6	72.3	82	1.0	0.655	0.0	76.9	8.4	72.5	73.0	83
100.5	90.0	92.3	1.0	1.0	0.0	91.5	-15.8	84.6	86.1	100.5	1.0	1.0	0.0	91.6	-15.7	84.7	86.2	100	1.0	0.732	0.0	81.8	0.0	76.3	76.3	90	1.0	0.769	0.0	83.7	-3.0	76.8	76.9	92
101.4	97.5	101.0	0.875	1.0	0.0	92.8	-18.1	89.4	91.2	101.4	0.883	1.0	0.0	92.7	-17.9	89.1	90.9	101	1.0	0.88	0.0	87.8	-9.3	76.2	76.7	97	1.0	0.996	0.0	91.5	-15.5	84.4	85.8	10
103.9	105.0	109.7	0.75	1.0	0.0	90.1	-21.3	86.0	88.6	103.9	0.75	1.0	0.0	90.1	-21.3	86.0	88.7	103	0.738	1.0	0.0	89.2	-22.5	84.4	87.4	105	0.684	1.0	0.0	84.7	-27.5	76.7	81.5	10
115.0	112.5	118.5	0.625	1.0	0.0	79.9	-31.7	67.9	75.0	115.0	0.633	1.0	0.0	80.6	-31.1	69.2	75.9	114	0.659	1.0	0.0	82.7	-29.4	73.0	78.8	112	0.595	1.0	0.0	77.8	-34.4	65.0	73.6	11
127.3	120.0	127.2	0.5	1.0	0.0	70.9	-41.7	54.8	68.9	127.3	0.5	1.0	0.0	71.0	-41.7	54.8	68.9	127	0.574	1.0	0.0	76.3	-36.2	62.8	72.6	120	0.501	1.0	0.0	71.0	-41.6	54.9	68.9	12
134.7	127.5	136.0	0.375	1.0	0.0	66.5	-47.5	48.0	67.6	134.7	0.383	1.0	0.0	66.9	-47.1	48.5	67.7	134	0.503	1.0	0.0	71.2	-41.5	55.2	69.1	127	0.366	1.0	0.0	66.2	-48.2	47.6	67.8	13
144.7	135.0	144.7	0.25	1.0	0.0	60.6	-57.2	40.4	70.1	144.7	0.25	1.0	0.0	60.6	-57.2	40.5	70.1	144	0.372	1.0	0.0	66.4	-47.8	47.9	67.7	135	0.25	1.0	0.0	60.6	-57.1	40.5	70.1	14
151.0	142.5	153.4	0.125	1.0	0.0	57.0	-62.2	34.4	71.1	151.0	0.133	1.0	0.0	57.3	-61.8	34.8	71.0	150	0.284	1.0	0.0	62.3	-54.6	42.7	69.4	142	0.073	1.0	0.0	55.9	-64.4	33.0	72.5	15
155.5	150.0	162.2	0.0	1.0	0.0	54.3	-67.6	30.8	74.3	155.5	0.0	1.0	0.0	54.3	-67.6	30.8	74.4	155	0.146	1.0	0.0	57.6	-61.3	35.5	70.9	150	0.0	1.0	0.147	53.8	-65.9	21.1	69.3	16
160.8	157.5	169.0	0.0	1.0	0.125	53.8	-66.4	23.0	70.2	160.8	0.0	1.0	0.117	53.9	-66.4	23.5	70.6	160	0.0	1.0	0.035	54.2	-67.3	28.6	73.2	157	0.0	1.0	0.251	53.8	-63.0	12.7	64.4	16
168.5	165.0	175.9	0.0	1.0	0.25	53.7	-63.1	12.8	64.4	168.5	0.0	1.0	0.25	53.8	-63.1	12.8	64.4	168	0.0	1.0	0.192	53.8	-64.7	17.4	67.1	165	0.0	1.0	0.331	54.4	-59.3	4.2	59.5	17
179.9	172.5	182.7	0.0	1.0	0.375	54.7	-56.8	0.0	56.8	179.9	0.0	1.0	0.367	54.7	-57.2	0.8	57.3	179	0.0	1.0	0.288	54.1	-61.4	8.6	62.1	172	0.0	1.0	0.405	54.8	-55.6	-2.1	55.7	18
189.8	180.0	189.6	0.0	1.0	0.5	55.0	-51.4	-8.9	52.2	189.8	0.0	1.0	0.5	55.0	-51.4	-8.8	52.2	189	0.0	1.0	0.375	54.8	-56.7	0.0	56.8	180	0.0	1.0	0.497	55.0	-51.5	-8.6	52.3	18
204.4	187.5	196.4	0.0	1.0	0.625	55.3	-44.1	-20.0	48.5	204.4	0.0	1.0	0.617	55.3	-44.6	-19.3	48.8	203	0.0	1.0	0.464	55.0	-53.0	-6.4	53.5	187	0.0	1.0	0.553	55.2	-48.6	-13.9	50.7	19
214.4	195.0	203.2	0.0	1.0	0.75	55.2	-39.5	-27.1	47.9	214.4	0.0	1.0	0.75	55.2	-39.4	-27.0	47.9	214	0.0	1.0	0.544	55.2	-49.1	-13.1	50.9	195	0.0	1.0	0.615	55.3	-44.7	-19.2	48.8	20
221.9	202.5	210.1	0.0	1.0	0.875	54.4	-36.7	-33.0	49.4	221.9	0.0	1.0	0.867	54.5	-36.9	-32.6	49.4	221	0.0	1.0	0.604	55.3	-45.5	-18.3	49.1	202	0.0	1.0	0.69	55.3	-41.8	-23.8	48.2	20
235.1	210.0	216.9	0.0	1.0	1.0	53.1	-30.0	-43.1	52.5	235.1	0.0	1.0	1.0	53.1	-29.9	-43.0	52.5	235	0.0	1.0	0.694	55.3	-41.6	-24.0	48.2	210	0.0	1.0	0.792	55.0	-38.6	-29.0	48.4	21
237.9	217.5	223.8	0.0	0.875	1.0	53.1	-27.9	-44.7	52.7	237.9	0.0	0.883	1.0	53.1	-28.0	-44.5	52.8	237	0.0	1.0	0.792	55.0	-38.6	-29.1	48.5	217	0.0	1.0	0.888	54.3	-36.1	-34.1	49.8	22
241.3	225.0	230.6	0.0	0.75	1.0	52.9	-25.9	-47.5	54.1	241.3	0.0	0.75	1.0	52.9	-25.8	-47.5	54.2	241	0.0	1.0	0.904	54.2	-35.4	-35.4	50.2	225	0.0	1.0	0.957	53.6	-32.5	-39.7	51.5	23
247.2	232.5	237.5	0.0	0.625	1.0	50.5	-20.8	-49.5	53.7	247.2	0.0	0.633	1.0	50.7	-21.1	-49.3	53.8	246	0.0	1.0	0.97	53.5	-31.8	-40.7	51.8	232	0.0	0.916	1.0	53.1	-28.6	-44.1	52.7	23
254.9	240.0	244.3	0.0	0.5	1.0	46.1	-13.3	-49.4	51.1	254.9	0.0	0.5	1.0	46.2	-13.2	-49.3	51.2	254	0.0	0.801	1.0	53.0	-26.7	-46.3	53.6	240	0.0	0.686	1.0	51.7	-23.3	-48.5	54.0	24
262.6	247.5	251.2	0.0	0.375	1.0	41.4	-6.3	-49.2	49.6	262.6	0.0	0.383	1.0	41.7	-6.7	-49.2	49.8	262	0.0	0.63	1.0	50.7	-20.9	-49.4	53.8	247	0.0	0.568	1.0	48.6	-17.2	-49.5	52.6	25
272.6	255.0	258.0	0.0	0.25	1.0	36.8	2.2	-48.5	48.6	272.6	0.0	0.25	1.0	36.9	2.2	-48.5	48.6	272	0.0	0.499	1.0	46.1	-13.1	-49.3	51.2	255	0.0	0.449	1.0	44.2	-10.4	-49.4	50.6	25
281.4	262.5	264.8	0.0	0.125	1.0	35.0	9.4	-46.3	47.3	281.4	0.0	0.133	1.0	35.2	8.9	-46.5	47.4	280	0.0	0.386	1.0	41.8	-6.8	-49.2	49.8	262	0.0	0.353	1.0	40.6	-4.7	-49.2	49.5	26
290.8	270.0	271.7	0.0	0.0	1.0	32.5	16.9	-44.6	47.7	290.8	0.0	0.0	1.0	32.6	16.9	-44.5	47.7	290	0.0	0.283	1.0	38.1	0.0	-48.8	48.9	270	0.0	0.261	1.0	37.3	1.5</			

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}	$LAB^*_{dd64M}(x=LabCh)$		$rgb^*_{dex361M}$	$LAB^*_{dex361M}$	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

3-113830-L0 QF690-73 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-QF69; code de teinte: $H^*_e=Y75G_e$
cercle chromatique 48 paliers; tableaux $rgb-LabCh^*$

entrée : $rgb/cmyk \rightarrow rgb_{de}$
sortie : linéarisation 3D selon $cmyk^*_{de}$

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

TUB enregistrement: 20130201-QF69/QF69L0FP.PDF /.PS
application pour la mesure des sorties sur imprimante laser, séparation cmy6* (CMYK)
TUB matériel: code=rh4ta

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 $RYGCBM_g$; $h_{ab,d} = 33.5, 100.6, 155.5, 235.2, 290.8, 348.9$; 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	$rgb^*_{dd361Mi}$	rgb^*_{dd}	rgb^*_{ds}	rgb^*_{de}
33	30	25	1.0	0.0	0.0	47.5	57.2	37.8	68.6	33	1.0	0.0	0.0	0.0	0.0
34	31	26	1.0	0.016	0.0	48.1	56.9	39.3	69.2	34	1.0	0.0	0.017	0.0	0.0
35	32	27	1.0	0.033	0.0	48.7	56.6	40.8	69.8	35	1.0	0.0	0.033	0.0	0.0
36	33	28	1.0	0.05	0.0	49.3	56.3	42.3	70.4	36	1.0	0.0	0.05	0.0	0.0
38	34	29	1.0	0.066	0.0	49.9	55.9	43.9	71.1	38	1.0	0.0	0.067	0.0	0.0
39	35	31	1.0	0.083	0.0	50.5	55.5	45.4	71.7	39	1.0	0.0	0.083	0.0	0.0
40	36	32	1.0	0.1	0.0	51.0	55.0	46.9	72.3	40	1.0	0.0	0.1	0.0	0.0
41	37	33	1.0	0.116	0.0	51.6	54.5	48.4	72.9	41	1.0	0.0	0.117	0.0	0.0
42	38	34	1.0	0.133	0.0	52.3	53.4	49.7	73.0	42	1.0	0.0	0.133	0.0	0.0
44	39	35	1.0	0.15	0.0	53.2	51.8	50.6	72.4	44	1.0	0.0	0.15	0.0	0.0
45	40	36	1.0	0.166	0.0	54.0	50.2	51.5	71.9	45	1.0	0.0	0.167	0.0	0.0
47	41	37	1.0	0.183	0.0	54.9	48.5	52.3	71.4	47	1.0	0.0	0.183	0.0	0.0
48	42	38	1.0	0.2	0.0	55.7	46.8	53.1	70.8	48	1.0	0.0	0.2	0.0	0.0
50	43	39	1.0	0.216	0.0	56.6	45.2	53.8	70.3	50	1.0	0.0	0.217	0.0	0.0
51	44	41	1.0	0.233	0.0	57.4	43.5	54.5	69.7	51	1.0	0.0	0.233	0.0	0.0
52	45	42	1.0	0.25	0.0	58.2	41.8	55.1	69.2	52	1.0	0.0	0.25	0.0	0.0
54	46	43	1.0	0.266	0.0	59.1	40.2	56.0	69.0	54	1.0	0.0	0.267	0.0	0.0
55	47	44	1.0	0.283	0.0	59.9	38.6	56.8	68.7	55	1.0	0.0	0.283	0.0	0.0
57	48	45	1.0	0.3	0.0	60.8	37.1	57.5	68.5	57	1.0	0.0	0.3	0.0	0.0
58	49	46	1.0	0.316	0.0	61.6	35.5	58.2	68.2	58	1.0	0.0	0.317	0.0	0.0
60	50	47	1.0	0.333	0.0	62.5	33.9	58.9	68.0	60	1.0	0.0	0.333	0.0	0.0
61	51	48	1.0	0.35	0.0	63.3	32.2	59.5	67.7	61	1.0	0.0	0.35	0.0	0.0
63	52	49	1.0	0.366	0.0	64.2	30.6	60.1	67.5	63	1.0	0.0	0.367	0.0	0.0
64	53	51	1.0	0.383	0.0	65.0	29.1	60.8	67.4	64	1.0	0.0	0.383	0.0	0.0
65	54	52	1.0	0.4	0.0	65.8	27.8	61.7	67.7	65	1.0	0.0	0.4	0.0	0.0
67	55	53	1.0	0.416	0.0	66.6	26.4	62.5	67.9	67	1.0	0.0	0.417	0.0	0.0
68	56	54	1.0	0.433	0.0	67.3	25.0	63.3	68.1	68	1.0	0.0	0.433	0.0	0.0
69	57	55	1.0	0.45	0.0	68.1	23.6	64.1	68.3	69	1.0	0.0	0.45	0.0	0.0
71	58	56	1.0	0.466	0.0	68.9	22.1	64.8	68.5	71	1.0	0.0	0.467	0.0	0.0
72	59	57	1.0	0.483	0.0	69.7	20.7	65.6	68.8	72	1.0	0.0	0.483	0.0	0.0
73	60	58	1.0	0.5	0.0	70.5	19.2	66.2	69.0	73	1.0	0.0	0.5	0.0	0.0
74	61	60	1.0	0.516	0.0	71.0	18.2	66.9	69.3	74	1.0	0.0	0.517	0.0	0.0
75	62	61	1.0	0.533	0.0	71.6	17.2	67.5	69.7	75	1.0	0.0	0.533	0.0	0.0
76	63	62	1.0	0.55	0.0	72.2	16.2	68.1	70.0	76	1.0	0.0	0.55	0.0	0.0
77	64	63	1.0	0.566	0.0	72.8	15.1	68.7	70.4	77	1.0	0.0	0.567	0.0	0.0
78	65	64	1.0	0.583	0.0	73.4	14.1	69.3	70.7	78	1.0	0.0	0.583	0.0	0.0
79	66	65	1.0	0.6	0.0	74.0	13.0	69.9	71.1	79	1.0	0.0	0.6	0.0	0.0
80	67	66	1.0	0.616	0.0	74.6	12.0	70.4	71.4	80	1.0	0.0	0.617	0.0	0.0
81	68	67	1.0	0.633	0.0	75.4	10.6	71.2	72.0	81	1.0	0.0	0.633	0.0	0.0
82	69	68	1.0	0.65	0.0	76.5	8.9	72.1	72.7	82	1.0	0.0	0.65	0.0	0.0
84	70	70	1.0	0.666	0.0	77.5	7.2	73.0	73.4	84	1.0	0.0	0.667	0.0	0.0
85	71	71	1.0	0.683	0.0	78.6	5.4	73.9	74.1	85	1.0	0.0	0.683	0.0	0.0
87	72	72	1.0	0.7	0.0	79.7	3.6	74.7	74.8	87	1.0	0.0	0.7	0.0	0.0
88	73	73	1.0	0.716	0.0	80.8	1.7	75.5	75.5	88	1.0	0.0	0.717	0.0	0.0
-269	74	74	1.0	0.733	0.0	81.8	-0.1	76.3	76.3	-269	1.0	0.0	0.733	0.0	0.0
-268	75	75	1.0	0.75	0.0	82.9	-2.0	76.9	77.0	-268	1.0	0.0	0.75	0.0	0.0

3-113930-L0 QF690-73 LAB*la0, YN=0%, XYZnw=3.9, 4.1, 4.1, 84.7, 89.6, 93.9, LAB*nw=23.9, 0.0, 0.0, 95.8, 0.0, 0.0

sortie: Laser printer output; separation cmy6*, D65, page 10/33

graphique TUB-QF69; code de teinte: $H^*_e=Y75G_e$
cercle chromatique 48 paliers; tableaux $rgb-LabCh^*$

entrée : $rgb/cmyk \rightarrow rgb_{de}$
sortie : linéarisation 3D selon $cmyk^*_{de}$

voir fichiers similaires: <http://130.149.60.45/~farbmetrik/QF69/QF69L0FP.PDF> /PS
informations techniques: <http://www.ps.bam.de> ou <http://130.149.60.45/~farbmetrik>

TUB enregistrement: 20130201-QF69/QF69L0FP.PDF /PS
application pour la mesure des sorties sur imprimante laser, séparation cmy6* (CMYK)
TUB matériel: code=rh4ta

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 $RYGCBM_e$: $h_{ab,e} = 25.5, 92.3, 162.2, 217.0, 271.7, 328.6$																					
$h_{ab,d}$	$h_{ab,s}$	$h_{ab,e}$	rgb^*_{dd361M}	LAB^*_{dd361M}	$LAB^*_{dx361Mi}$ (x=LabCh)	$rgb^*_{ds361Mi}$	$LAB^*_{dsx361Mi}$ (x=LabCh)	$rgb^*_{dd361Mi}$	$LAB^*_{dd361Mi}$	$rgb^*_{de361Mi}$	$LAB^*_{dex361Mi}$ (x=LabCh)	$rgb^*_{dd361Mi}$	$rgb^*_{dd361Mi}$	$rgb^*_{dd361Mi}$	$rgb^*_{dd361Mi}$	$rgb^*_{dd361Mi}$	$rgb^*_{dd361Mi}$	$rgb^*_{dd361Mi}$	$rgb^*_{dd361Mi}$	$rgb^*_{dd361Mi}$	
-268	75	75	1.0	0.75	0.0	82.9	-2.0 76.9 77.0	-268	R_d	1.0	0.75	0.0	1.0	0.75	0.0	1.0	0.75	0.0	1.0	0.75	0.0
92	76	76	1.0	0.766	0.0	83.5	-2.9 76.8 76.9	92		1.0	0.767	0.0	1.0	0.767	0.0	1.0	0.767	0.0	1.0	0.767	0.0
92	77	77	1.0	0.783	0.0	84.2	-3.9 76.7 76.8	92		1.0	0.783	0.0	1.0	0.783	0.0	1.0	0.783	0.0	1.0	0.783	0.0
93	78	78	1.0	0.8	0.0	84.8	-4.8 76.5 76.7	93		1.0	0.8	0.0	1.0	0.8	0.0	1.0	0.8	0.0	1.0	0.8	0.0
94	79	80	1.0	0.816	0.0	85.4	-5.8 76.4 76.6	94		1.0	0.817	0.0	1.0	0.817	0.0	1.0	0.817	0.0	1.0	0.817	0.0
95	80	81	1.0	0.833	0.0	86.0	-6.7 76.2 76.5	95		1.0	0.833	0.0	1.0	0.833	0.0	1.0	0.833	0.0	1.0	0.833	0.0
95	81	82	1.0	0.85	0.0	86.6	-7.6 76.0 76.4	95		1.0	0.85	0.0	1.0	0.85	0.0	1.0	0.85	0.0	1.0	0.85	0.0
96	82	83	1.0	0.866	0.0	87.3	-8.6 75.8 76.3	96		1.0	0.867	0.0	1.0	0.867	0.0	1.0	0.867	0.0	1.0	0.867	0.0
97	83	84	1.0	0.883	0.0	87.8	-9.4 76.3 76.9	97		1.0	0.883	0.0	1.0	0.883	0.0	1.0	0.883	0.0	1.0	0.883	0.0
97	84	85	1.0	0.9	0.0	88.4	-10.3 77.6 78.2	97		1.0	0.9	0.0	1.0	0.9	0.0	1.0	0.9	0.0	1.0	0.9	0.0
98	85	86	1.0	0.916	0.0	88.9	-11.2 78.8 79.6	98		1.0	0.917	0.0	1.0	0.917	0.0	1.0	0.917	0.0	1.0	0.917	0.0
98	86	87	1.0	0.933	0.0	89.4	-12.0 80.0 80.9	98		1.0	0.933	0.0	1.0	0.933	0.0	1.0	0.933	0.0	1.0	0.933	0.0
99	87	88	1.0	0.95	0.0	89.9	-12.9 81.1 82.2	99		1.0	0.95	0.0	1.0	0.95	0.0	1.0	0.95	0.0	1.0	0.95	0.0
99	88	90	1.0	0.966	0.0	90.5	-13.9 82.3 83.5	99		1.0	0.967	0.0	1.0	0.967	0.0	1.0	0.967	0.0	1.0	0.967	0.0
100	89	91	1.0	0.983	0.0	91.0	-14.8 83.5 84.8	100		1.0	0.983	0.0	1.0	0.983	0.0	1.0	0.983	0.0	1.0	0.983	0.0
100	90	92	1.0	1.0	0.0	91.5	-15.8 84.6 86.1	100	Y_d	1.0	1.0	0.0	1.0	1.0	0.0	1.0	1.0	0.0	1.0	1.0	0.0
100	91	93	0.983	1.0	0.0	91.7	-16.1 85.3 86.8	100		1.0	0.983	1.0	0.0	0.0	0.0	1.0	0.983	1.0	0.0	0.0	0.0
100	92	94	0.966	1.0	0.0	91.9	-16.4 85.9 87.5	100		1.0	0.967	1.0	0.0	0.0	0.0	1.0	0.967	1.0	0.0	0.0	0.0
100	93	95	0.95	1.0	0.0	92.0	-16.7 86.5 88.2	100		1.0	0.95	1.0	0.0	0.0	0.0	1.0	0.95	1.0	0.0	0.0	0.0
101	94	96	0.933	1.0	0.0	92.2	-17.0 87.2 88.8	101		1.0	0.933	1.0	0.0	0.0	0.0	1.0	0.933	1.0	0.0	0.0	0.0
101	95	98	0.916	1.0	0.0	92.4	-17.3 87.8 89.5	101		1.0	0.917	1.0	0.0	0.0	0.0	1.0	0.917	1.0	0.0	0.0	0.0
101	96	99	0.9	1.0	0.0	92.5	-17.6 88.4 90.2	101		1.0	0.9	1.0	0.0	0.0	0.0	1.0	0.9	1.0	0.0	0.0	0.0
101	97	100	0.883	1.0	0.0	92.7	-18.0 89.1 90.9	101		1.0	0.883	1.0	0.0	0.0	0.0	1.0	0.883	1.0	0.0	0.0	0.0
101	98	101	0.866	1.0	0.0	92.6	-18.3 89.2 91.0	101		1.0	0.867	1.0	0.0	0.0	0.0	1.0	0.867	1.0	0.0	0.0	0.0
101	99	102	0.85	1.0	0.0	92.2	-18.8 88.7 90.7	101		1.0	0.85	1.0	0.0	0.0	0.0	1.0	0.85	1.0	0.0	0.0	0.0
102	100	103	0.833	1.0	0.0	91.9	-19.2 88.3 90.3	102		1.0	0.833	1.0	0.0	0.0	0.0	1.0	0.833	1.0	0.0	0.0	0.0
102	101	105	0.816	1.0	0.0	91.5	-19.6 87.8 90.0	102		1.0	0.817	1.0	0.0	0.0	0.0	1.0	0.817	1.0	0.0	0.0	0.0
102	102	106	0.8	1.0	0.0	91.1	-20.1 87.4 89.7	102		1.0	0.8	1.0	0.0	0.0	0.0	1.0	0.8	1.0	0.0	0.0	0.0
103	103	107	0.783	1.0	0.0	90.8	-20.5 86.9 89.3	103		1.0	0.783	1.0	0.0	0.0	0.0	1.0	0.783	1.0	0.0	0.0	0.0
103	104	108	0.766	1.0	0.0	90.4	-20.9 86.5 89.0	103		1.0	0.767	1.0	0.0	0.0	0.0	1.0	0.767	1.0	0.0	0.0	0.0
103	105	109	0.75	1.0	0.0	90.1	-21.3 86.0 88.6	103		1.0	0.75	1.0	0.0	0.0	0.0	1.0	0.75	1.0	0.0	0.0	0.0
105	106	110	0.733	1.0	0.0	88.7	-23.1 83.7 86.8	105		1.0	0.733	1.0	0.0	0.0	0.0	1.0	0.733	1.0	0.0	0.0	0.0
106	107	112	0.716	1.0	0.0	87.3	-24.7 81.3 85.0	106		1.0	0.717	1.0	0.0	0.0	0.0	1.0	0.717	1.0	0.0	0.0	0.0
108	108	113	0.7	1.0	0.0	86.0	-26.2 78.9 83.2	108		1.0	0.7	1.0	0.0	0.0	0.0	1.0	0.7	1.0	0.0	0.0	0.0
109	109	114	0.683	1.0	0.0	84.6	-27.6 76.5 81.3	109		1.0	0.683	1.0	0.0	0.0	0.0	1.0	0.683	1.0	0.0	0.0	0.0
111	110	115	0.666	1.0	0.0	83.3	-28.9 74.1 79.5	111		1.0	0.667	1.0	0.0	0.0	0.0	1.0	0.667	1.0	0.0	0.0	0.0
112	111	116	0.65	1.0	0.0	81.9	-30.1 71.6 77.7	112		1.0	0.65	1.0	0.0	0.0	0.0	1.0	0.65	1.0	0.0	0.0	0.0
114	112	117	0.633	1.0	0.0	80.5	-31.2 69.2 75.9	114		1.0	0.633	1.0	0.0	0.0	0.0	1.0	0.633	1.0	0.0	0.0	0.0
115	113	119	0.616	1.0	0.0	79.3	-32.5 67.1 74.6	115		1.0	0.617	1.0	0.0	0.0	0.0	1.0	0.617	1.0	0.0	0.0	0.0
117	114	120	0.6	1.0	0.0	78.1	-34.0 65.4 73.8	117		1.0	0.6	1.0	0.0	0.0	0.0	1.0	0.6	1.0	0.0	0.0	0.0
119	115	121	0.583	1.0	0.0	76.9	-35.5 63.7 72.9	119		1.0	0.583	1.0	0.0	0.0	0.0	1.0	0.583	1.0	0.0	0.0	0.0
120	116	122	0.566	1.0	0.0	75.7	-36.9 62.0 72.1	120		1.0	0.567	1.0	0.0	0.0	0.0	1.0	0.567	1.0	0.0	0.0	0.0
122	117	123	0.55	1.0	0.0	74.5	-38.2 60.2 71.3	122		1.0	0.55	1.0	0.0	0.0	0.0	1.0	0.55	1.0	0.0	0.0	0.0
124	118	124	0.533	1.0	0.0	73.3	-39.4 58.4 70.5	124		1.0	0.533	1.0	0.0	0.0	0.0	1.0	0.533	1.0	0.0	0.0	0.0
125	119	126	0.516	1.0	0.0	72.1	-40.6 56.6 69.7	125		1.0	0.517	1.0	0.0	0.0	0.0	1.0	0.517	1.0	0.0	0.0	0.0
127	120	127	0.5	1.0	0.0	70.9	-41.7 54.8 68.9	127		1.0	0.5	1.0	0.0	0.0	0.0	1.0	0.5	1.0	0.0	0.0	0.0

3-1131030-L0 QF690-73 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-QF69; code de teinte: $H^*_e=Y75G_e$
cercle chromatique 48 paliers; tableaux $rgb-LabCh^*$

entrée : $rgb/cmyk \rightarrow rgb_{de}$
sortie : linéarisation 3D selon $cmyk^*_{de}$

sortie: Laser printer output; separation cmy6*, D65, page 11/33

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 $RYGCBM_g$; $h_{ab,d} = 33.5, 100.6, 155.5, 235.2, 290.8, 348.9$; 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)	$rgb^*_{ds361Mi}$	$LAB^*_{dsx361Mi}$ (x=LabCh)	$rgb^*_{dd361Mi}$	$rgb^*_{de361Mi}$	$LAB^*_{dex361Mi}$ (x=LabCh)	$rgb^*_{dd361Mi}$	rgb^*_{dd}	rgb^*_{ds}	rgb^*_{de}						
127	120	127	0.5	1.0	0.0	70.9	-41.7 54.8	68.9	127	0.5	1.0	0.0							
128	121	128	0.483	1.0	0.0	70.4	-42.6 53.9	68.7	128	0.483	1.0	0.0							
129	122	129	0.466	1.0	0.0	69.8	-43.4 53.0	68.5	129	0.467	1.0	0.0							
130	123	130	0.45	1.0	0.0	69.2	-44.2 52.1	68.3	130	0.442	1.0	0.0							
131	124	131	0.433	1.0	0.0	68.6	-45.0 51.2	68.2	131	0.422	1.0	0.0							
132	125	133	0.416	1.0	0.0	68.0	-45.7 50.3	68.0	132	0.403	1.0	0.0							
133	126	134	0.4	1.0	0.0	67.4	-46.5 49.4	67.8	133	0.383	1.0	0.0							
134	127	135	0.383	1.0	0.0	66.8	-47.2 48.5	67.7	134	0.366	1.0	0.0							
135	128	136	0.366	1.0	0.0	66.1	-48.2 47.5	67.7	135	0.352	1.0	0.0							
136	129	137	0.35	1.0	0.0	65.4	-49.5 46.6	68.1	136	0.337	1.0	0.0							
138	130	138	0.333	1.0	0.0	64.6	-50.9 45.7	68.4	138	0.323	1.0	0.0							
139	131	140	0.316	1.0	0.0	63.8	-52.2 44.7	68.7	139	0.308	1.0	0.0							
140	132	141	0.3	1.0	0.0	63.0	-53.5 43.7	69.1	140	0.294	1.0	0.0							
142	133	142	0.283	1.0	0.0	62.2	-54.7 42.6	69.4	142	0.279	1.0	0.0							
143	134	143	0.266	1.0	0.0	61.4	-56.0 41.5	69.7	143	0.265	1.0	0.0							
144	135	144	0.25	1.0	0.0	60.6	-57.2 40.4	70.1	144	0.25	1.0	0.0							
145	136	145	0.233	1.0	0.0	60.1	-57.9 39.6	70.2	145	0.227	1.0	0.0							
146	137	147	0.216	1.0	0.0	59.6	-58.6 38.9	70.3	146	0.204	1.0	0.0							
147	138	148	0.2	1.0	0.0	59.1	-59.3 38.1	70.5	147	0.181	1.0	0.0							
148	139	149	0.183	1.0	0.0	58.7	-59.9 37.3	70.6	148	0.158	1.0	0.0							
148	140	150	0.166	1.0	0.0	58.2	-60.6 36.4	70.7	148	0.135	1.0	0.0							
149	141	151	0.15	1.0	0.0	57.7	-61.2 35.6	70.9	149	0.106	1.0	0.0							
150	142	152	0.133	1.0	0.0	57.2	-61.9 34.8	71.0	150	0.073	1.0	0.0							
151	143	154	0.116	1.0	0.0	56.8	-62.5 34.1	71.3	151	0.041	1.0	0.0							
151	144	155	0.1	1.0	0.0	56.4	-63.3 33.7	71.7	151	0.008	1.0	0.0							
152	145	156	0.083	1.0	0.0	56.1	-64.0 33.2	72.1	152	0.0	1.0	0.021 54.3	-67.4 29.5	73.7	156	0.083	1.0	0.0	
153	146	157	0.066	1.0	0.0	55.7	-64.7 32.8	72.6	153	0.0	1.0	0.048 54.1	-67.2 27.8	72.8	157	0.067	1.0	0.0	
153	147	158	0.049	1.0	0.0	55.4	-65.5 32.3	73.0	153	0.0	1.0	0.075 54.0	-66.9 26.1	71.9	158	0.05	1.0	0.0	
154	148	159	0.033	1.0	0.0	55.0	-66.2 31.8	73.5	154	0.0	1.0	0.102 53.9	-66.6 24.4	71.0	159	0.033	1.0	0.0	
154	149	161	0.016	1.0	0.0	54.7	-66.9 31.3	73.9	154	0.0	1.0	0.128 53.8	-66.3 22.8	70.2	161	0.017	1.0	0.0	
155	150	162	0.0	1.0	0.0	54.3	-67.6 30.8	74.3	155	G_d 0.146	1.0	0.0	57.6	-61.3 35.5	70.9	150	G_s 0.0	1.0	0.0
156	151	163	0.0	1.0	0.016	54.2	-67.5 29.7	73.8	156	0.126	1.0	0.0	57.0	-62.1 34.5	71.1	151	0.0	1.0	0.017
156	152	164	0.0	1.0	0.033	54.2	-67.4 28.6	73.2	156	0.099	1.0	0.0	56.4	-63.3 33.7	71.8	152	0.0	1.0	0.033
157	153	164	0.0	1.0	0.05	54.1	-67.2 27.6	72.7	157	0.071	1.0	0.0	55.9	-64.5 32.9	72.5	153	0.0	1.0	0.05
158	154	165	0.0	1.0	0.066	54.0	-67.1 26.6	72.1	158	0.042	1.0	0.0	55.3	-65.7 32.1	73.3	154	0.0	1.0	0.067
159	155	166	0.0	1.0	0.083	53.9	-66.9 25.5	71.6	159	0.014	1.0	0.0	54.7	-67.0 31.3	74.0	155	0.0	1.0	0.083
159	156	167	0.0	1.0	0.1	53.9	-66.7 24.5	71.1	159	0.0	1.0	0.011	54.3	-67.5 30.1	74.0	156	0.0	1.0	0.1
160	157	168	0.0	1.0	0.116	53.8	-66.5 23.5	70.5	160	0.0	1.0	0.035	54.2	-67.3 28.6	73.2	157	0.0	1.0	0.117
161	158	169	0.0	1.0	0.133	53.8	-66.2 22.3	69.9	161	0.0	1.0	0.058	54.1	-67.1 27.2	72.5	158	0.0	1.0	0.133
162	159	170	0.0	1.0	0.15	53.8	-65.8 20.8	69.1	162	0.0	1.0	0.081	54.0	-66.9 25.7	71.7	159	0.0	1.0	0.15
163	160	171	0.0	1.0	0.166	53.8	-65.5 19.4	68.3	163	0.0	1.0	0.104	53.9	-66.6 24.3	71.0	160	0.0	1.0	0.167
164	161	172	0.0	1.0	0.183	53.8	-65.0 18.1	67.5	164	0.0	1.0	0.127	53.8	-66.3 22.9	70.2	161	0.0	1.0	0.183
165	162	173	0.0	1.0	0.2	53.8	-64.6 16.7	66.7	165	0.0	1.0	0.143	53.8	-65.9 21.5	69.4	162	0.0	1.0	0.2
166	163	174	0.0	1.0	0.216	53.7	-64.1 15.4	66.0	166	0.0	1.0	0.16	53.8	-65.6 20.1	68.7	163	0.0	1.0	0.217
167	164	175	0.0	1.0	0.233	53.7	-63.6 14.1	65.2	167	0.0	1.0	0.176	53.8	-65.2 18.7	67.9	164	0.0	1.0	0.233
168	165	175	0.0	1.0	0.25	53.7	-63.1 12.8	64.4	168	0.0	1.0	0.192	53.8	-64.7 17.4	67.1	165	0.0	1.0	0.25

3-1131130-L0 QF690-73 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

sortie: Laser printer output; separation cmy6*, D65, page 12/33

graphique TUB-QF69; code de teinte: $H^*_e=Y75G_e$
cercle chromatique 48 paliers; tableaux $rgb-LabCh^*$

entrée : $rgb/cmyk \rightarrow rgb_{de}$
sortie : linéarisation 3D selon $cmyk^*_{de}$

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 $RYGCBM_s$; $h_{ab,ds} = 30.0, 90.0, 150.0, 210.0, 270.0, 330.0$;
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 $RYGCBM_c$; $h_{ab,e} = 25.5, 92.3, 162.2, 217.0, 271.7, 328.6$

$h_{ab,d}$	$h_{ab,s}$	$h_{ab,e}$	rgb^*_{dd361M}	$LAB^*_{dsx361Mi}$ (x=LabCh)	$rgb^*_{ds361Mi}$	$LAB^*_{dsx361Mi}$ (x=LabCh)	$rgb^*_{dd361Mi}$	$LAB^*_{dex361Mi}$ (x=LabCh)	$rgb^*_{dd361Mi}$	$LAB^*_{dex361Mi}$ (x=LabCh)	$rgb^*_{dd361Mi}$	rgb^*_{dd}	rgb^*_{ds}	rgb^*_{de}
168	165	175	0.0	1.0	0.25	53.7	-63.1	12.8	64.4	168	0.0	1.0	0.25	
170	166	176	0.0	1.0	0.266	53.9	-62.4	10.9	63.4	170	0.0	1.0	0.267	
171	167	177	0.0	1.0	0.283	54.0	-61.7	9.1	62.4	171	0.0	1.0	0.283	
173	168	178	0.0	1.0	0.3	54.1	-60.9	7.3	61.3	173	0.0	1.0	0.3	
174	169	179	0.0	1.0	0.316	54.3	-60.1	5.6	60.3	174	0.0	1.0	0.317	
176	170	180	0.0	1.0	0.333	54.4	-59.2	3.9	59.3	176	0.0	1.0	0.333	
177	171	181	0.0	1.0	0.35	54.5	-58.2	2.3	58.3	177	0.0	1.0	0.35	
179	172	182	0.0	1.0	0.366	54.7	-57.3	0.8	57.3	179	0.0	1.0	0.367	
180	173	183	0.0	1.0	0.383	54.7	-56.5	-0.6	56.5	180	0.0	1.0	0.383	
181	174	184	0.0	1.0	0.4	54.8	-55.8	-1.8	55.9	181	0.0	1.0	0.4	
183	175	185	0.0	1.0	0.416	54.8	-55.2	-3.1	55.2	183	0.0	1.0	0.417	
184	176	185	0.0	1.0	0.433	54.8	-54.5	-4.3	54.6	184	0.0	1.0	0.433	
185	177	186	0.0	1.0	0.45	54.9	-53.7	-5.5	54.0	185	0.0	1.0	0.45	
187	178	187	0.0	1.0	0.466	54.9	-53.0	-6.6	53.4	187	0.0	1.0	0.467	
188	179	188	0.0	1.0	0.483	55.0	-52.2	-7.8	52.8	188	0.0	1.0	0.483	
189	180	189	0.0	1.0	0.5	55.0	-51.4	-8.9	52.2	189	0.0	1.0	0.5	
191	181	190	0.0	1.0	0.516	55.0	-50.6	-10.5	51.7	191	0.0	1.0	0.517	
193	182	191	0.0	1.0	0.533	55.1	-49.7	-12.1	51.2	193	0.0	1.0	0.533	
195	183	192	0.0	1.0	0.55	55.1	-48.8	-13.7	50.7	195	0.0	1.0	0.55	
197	184	193	0.0	1.0	0.566	55.2	-47.8	-15.2	50.2	197	0.0	1.0	0.567	
199	185	194	0.0	1.0	0.583	55.2	-46.8	-16.6	49.7	199	0.0	1.0	0.583	
201	186	195	0.0	1.0	0.6	55.2	-45.8	-18.0	49.2	201	0.0	1.0	0.6	
203	187	195	0.0	1.0	0.616	55.3	-44.7	-19.4	48.7	203	0.0	1.0	0.617	
205	188	196	0.0	1.0	0.633	55.3	-43.8	-20.5	48.4	205	0.0	1.0	0.633	
206	189	197	0.0	1.0	0.65	55.3	-43.3	-21.5	48.3	206	0.0	1.0	0.65	
207	190	198	0.0	1.0	0.666	55.3	-42.7	-22.5	48.3	207	0.0	1.0	0.667	
209	191	199	0.0	1.0	0.683	55.2	-42.1	-23.4	48.2	209	0.0	1.0	0.683	
210	192	200	0.0	1.0	0.7	55.2	-41.5	-24.4	48.1	210	0.0	1.0	0.7	
211	193	201	0.0	1.0	0.716	55.2	-40.8	-25.3	48.0	211	0.0	1.0	0.717	
213	194	202	0.0	1.0	0.733	55.2	-40.2	-26.2	48.0	213	0.0	1.0	0.733	
214	195	203	0.0	1.0	0.75	55.2	-39.5	-27.1	47.9	214	0.0	1.0	0.75	
215	196	204	0.0	1.0	0.766	55.1	-39.2	-27.9	48.1	215	0.0	1.0	0.767	
216	197	205	0.0	1.0	0.783	55.0	-38.8	-28.7	48.3	216	0.0	1.0	0.783	
217	198	206	0.0	1.0	0.8	54.9	-38.5	-29.5	48.5	217	0.0	1.0	0.8	
218	199	206	0.0	1.0	0.816	54.8	-38.1	-30.3	48.7	218	0.0	1.0	0.817	
219	200	207	0.0	1.0	0.833	54.7	-37.7	-31.1	48.9	219	0.0	1.0	0.833	
220	201	208	0.0	1.0	0.85	54.6	-37.3	-31.9	49.1	220	0.0	1.0	0.85	
221	202	209	0.0	1.0	0.866	54.5	-36.9	-32.6	49.3	221	0.0	1.0	0.867	
222	203	210	0.0	1.0	0.883	54.3	-36.4	-33.7	49.6	222	0.0	1.0	0.883	
224	204	211	0.0	1.0	0.9	54.2	-35.6	-35.1	50.0	224	0.0	1.0	0.9	
226	205	212	0.0	1.0	0.916	54.0	-34.8	-36.5	50.4	226	0.0	1.0	0.917	
228	206	213	0.0	1.0	0.933	53.8	-33.9	-37.8	50.8	228	0.0	1.0	0.933	
229	207	214	0.0	1.0	0.95	53.6	-33.0	-39.2	51.2	229	0.0	1.0	0.95	
231	208	215	0.0	1.0	0.966	53.4	-32.0	-40.5	51.7	231	0.0	1.0	0.967	
233	209	216	0.0	1.0	0.983	53.3	-31.0	-41.8	52.1	233	0.0	1.0	0.983	
235	210	216	0.0	1.0	1.0	53.1	-30.0	-43.1	52.5	235	0.0	1.0	1.0	

3-1131230-L0 QF690-73 LAB*la0, YN=0%, XYZnw=3.9, 4.1, 4.1, 84.7, 89.6, 93.9, LAB*nw=23.9, 0.0, 0.0, 95.8, 0.0, 0.0

sortie: Laser printer output; separation cmy6*, D65, page 13/33

graphique TUB-QF69; code de teinte: $H^*_e=Y75G_e$
cercle chromatique 48 paliers; tableaux $rgb-LabCh^*$

entrée : $rgb/cmyk \rightarrow rgb_{de}$
sortie : linéarisation 3D selon $cmyk^*_{de}$

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 $RYGCBM_s; h_{a,b,d,s} = 30.0, 90.0, 150.0, 210.0, 270.0, 330.0;$

$h_{ab,d}$	$h_{ab,s}$	$h_{ab,e}$	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}																	
235	210	216	0.0	1.0	1.0	53.1	-30.0	-43.1	52.5	235	C_d	0.0	1.0	0.694	55.3	-41.6	-24.0	48.2	$210C_s$	0.0	1.0	1.0	0.0	1.0	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	1.0	0.807	54.9	-38.3	-29.8	48.6	217	0.0	0.983	1.0
235	212	218	0.0	0.966	1.0	53.1	-29.4	-43.5	52.5	235		0.0	1.0	0.719	55.3	-40.7	-25.4	48.1	212	0.0	1.0	0.822	54.8	-37.9	-30.5	48.8	218	0.0	0.967	1.0
236	213	219	0.0	0.95	1.0	53.1	-29.2	-43.7	52.6	236		0.0	1.0	0.732	55.3	-40.2	-26.1	48.0	213	0.0	1.0	0.837	54.7	-37.6	-31.2	49.0	219	0.0	0.95	1.0
236	214	220	0.0	0.933	1.0	53.1	-28.9	-43.9	52.6	236		0.0	1.0	0.744	55.2	-39.7	-26.7	48.0	214	0.0	1.0	0.853	54.6	-37.2	-31.9	49.2	220	0.0	0.933	1.0
237	215	221	0.0	0.916	1.0	53.1	-28.6	-44.2	52.6	237		0.0	1.0	0.759	55.2	-39.3	-27.5	48.1	215	0.0	1.0	0.868	54.5	-36.9	-32.6	49.4	221	0.0	0.917	1.0
237	216	222	0.0	0.9	1.0	53.1	-28.3	-44.4	52.7	237		0.0	1.0	0.775	55.1	-38.9	-28.3	48.3	216	0.0	1.0	0.88	54.4	-36.5	-33.4	49.6	222	0.0	0.9	1.0
237	217	223	0.0	0.883	1.0	53.1	-28.1	-44.6	52.7	237		0.0	1.0	0.792	55.0	-38.6	-29.1	48.5	217	0.0	1.0	0.888	54.3	-36.1	-34.1	49.8	223	0.0	0.883	1.0
238	218	224	0.0	0.866	1.0	53.0	-27.8	-44.9	52.8	238		0.0	1.0	0.809	54.9	-38.2	-29.9	48.7	218	0.0	1.0	0.897	54.2	-35.7	-34.8	50.0	224	0.0	0.867	1.0
238	219	225	0.0	0.85	1.0	53.0	-27.5	-45.3	53.0	238		0.0	1.0	0.825	54.8	-37.9	-30.6	48.9	219	0.0	1.0	0.906	54.1	-35.3	-35.5	50.2	225	0.0	0.85	1.0
239	220	226	0.0	0.833	1.0	53.0	-27.3	-45.6	53.2	239		0.0	1.0	0.842	54.7	-37.5	-31.4	49.1	220	0.0	1.0	0.914	54.1	-34.9	-36.2	50.4	226	0.0	0.833	1.0
239	221	227	0.0	0.816	1.0	53.0	-27.0	-46.0	53.4	239		0.0	1.0	0.859	54.6	-37.1	-32.2	49.3	221	0.0	1.0	0.923	54.0	-34.4	-36.9	50.6	227	0.0	0.817	1.0
240	222	227	0.0	0.8	1.0	52.9	-26.7	-46.4	53.6	240		0.0	1.0	0.875	54.5	-36.7	-33.0	49.5	222	0.0	1.0	0.932	53.9	-34.0	-37.6	50.8	227	0.0	0.8	1.0
240	223	228	0.0	0.783	1.0	52.9	-26.5	-46.8	53.8	240		0.0	1.0	0.885	54.4	-36.2	-33.8	49.7	223	0.0	1.0	0.94	53.8	-33.5	-38.3	51.1	228	0.0	0.783</	

3-1131330-L0	QF690-73	LAB*la0, YN=0%, XYZnw=3.9, 4.1, 4.1, 84.7, 89.6, 93.9, LAB*nw=23.9, 0.0, 0.0, 95.8, 0.0, 0.0
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sortie: Laser printer output; separation cmyn6*, D65, page 14/38

graphique TUB-QF69; code de teinte: $H^*_e=Y75G_e$
cercle chromatique 48 paliers; tableaux *rgb-LabCh**

entrée : $rgb/cmyk \rightarrow rgb_{de}$
 sortie : linéarisation 3D selon $cmyk^*_{de}$

TUB enregistrement: 20130201-QF69/QF69L0FP.PDF/.PS TUB matériel: code=rha4ta
application pour la mesure des sorties sur imprimante laser, séparation cmyk6* (CMYK)

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

$h_{ab,d}$	$h_{ab,s}$	$h_{ab,e}$	rgb^*_{dd361M}	$LAB^*_{dsx361Mi} (x=LabCh)$	$rgb^*_{ds361Mi}$	$LAB^*_{dsx361Mi} (x=LabCh)$	$rgb^*_{dd361Mi}$	$LAB^*_{dex361Mi} (x=LabCh)$	$rgb^*_{dd361Mi}$
272	255	258	0.0	0.25	1.0	36.8	2.2	-48.5 48.6	272
273	256	258	0.0	0.233	1.0	36.6	3.2	-48.3 48.4	273
274	257	259	0.0	0.216	1.0	36.4	4.1	-48.0 48.2	274
276	258	260	0.0	0.2	1.0	36.1	5.1	-47.8 48.1	276
277	259	261	0.0	0.183	1.0	35.9	6.1	-47.5 47.9	277
278	260	262	0.0	0.166	1.0	35.6	7.0	-47.2 47.7	278
279	261	263	0.0	0.15	1.0	35.4	8.0	-46.9 47.5	279
280	262	264	0.0	0.133	1.0	35.2	8.9	-46.5 47.4	280
282	263	265	0.0	0.116	1.0	34.9	9.9	-46.3 47.3	282
283	264	266	0.0	0.1	1.0	34.5	10.9	-46.1 47.4	283
284	265	267	0.0	0.083	1.0	34.2	11.9	-45.9 47.4	284
285	266	268	0.0	0.066	1.0	33.9	12.9	-45.7 47.5	285
287	267	269	0.0	0.049	1.0	33.5	13.9	-45.4 47.5	287
288	268	269	0.0	0.033	1.0	33.2	14.9	-45.2 47.6	288
289	269	270	0.0	0.016	1.0	32.9	15.9	-44.9 47.6	289
290	270	271	0.0	0.0	1.0	32.5	16.9	-44.6 47.7	290
291	271	272	0.016	0.0	1.0	32.4	17.8	-44.3 47.8	291
293	272	273	0.033	0.0	1.0	32.3	18.7	-44.0 47.9	293
294	273	274	0.05	0.0	1.0	32.1	19.6	-43.7 47.9	294
295	274	275	0.066	0.0	1.0	32.0	20.5	-43.4 48.0	295
296	275	276	0.083	0.0	1.0	31.9	21.4	-43.1 48.1	296
297	276	277	0.1	0.0	1.0	31.8	22.3	-42.7 48.2	297
298	277	278	0.116	0.0	1.0	31.6	23.1	-42.4 48.3	298
299	278	279	0.133	0.0	1.0	31.5	24.1	-42.0 48.4	299
300	279	280	0.15	0.0	1.0	31.4	25.0	-41.7 48.6	300
302	280	281	0.166	0.0	1.0	31.4	25.9	-41.4 48.8	302
303	281	282	0.183	0.0	1.0	31.3	26.8	-41.0 49.0	303
304	282	283	0.2	0.0	1.0	31.2	27.8	-40.6 49.2	304
305	283	284	0.216	0.0	1.0	31.1	28.7	-40.2 49.4	305
306	284	285	0.233	0.0	1.0	31.1	29.6	-39.8 49.6	306
307	285	286	0.25	0.0	1.0	31.0	30.5	-39.3 49.8	307
309	286	287	0.266	0.0	1.0	31.4	31.6	-38.8 50.1	309
310	287	288	0.283	0.0	1.0	31.8	32.6	-38.3 50.3	310
311	288	288	0.3	0.0	1.0	32.3	33.6	-37.8 50.6	311
312	289	289	0.316	0.0	1.0	32.7	34.7	-37.2 50.9	312
314	290	290	0.333	0.0	1.0	33.1	35.7	-36.6 51.2	314
315	291	291	0.35	0.0	1.0	33.6	36.7	-36.0 51.4	315
316	292	292	0.366	0.0	1.0	34.0	37.7	-35.3 51.7	316
317	293	293	0.383	0.0	1.0	34.4	38.5	-34.7 51.9	317
318	294	294	0.4	0.0	1.0	34.8	39.2	-34.2 52.1	318
319	295	295	0.416	0.0	1.0	35.2	39.9	-33.7 52.2	319
320	296	296	0.433	0.0	1.0	35.6	40.5	-33.1 52.4	320
321	297	297	0.45	0.0	1.0	36.0	41.2	-32.6 52.5	321
322	298	298	0.466	0.0	1.0	36.4	41.8	-32.0 52.7	322
323	299	299	0.483	0.0	1.0	36.8	42.5	-31.4 52.9	323
324	300	300	0.5	0.0	1.0	37.2	43.1	-30.8 53.0	324

3-1131430-L0 QF690-73 LAB*la0, YN=0%, XYZnw=3.9, 4.1, 4.1, 84.7, 89.6, 93.9, LAB*nw=23.9, 0.0, 0.0, 95.8, 0.0, 0.0

graphique TUB-QF69; code de teinte: $H^*_e=Y75G_e$
cercle chromatique 48 paliers; tableaux $rgb-LabCh^*$

entrée : $rgb/cmyk \rightarrow rgb_{de}$
sortie : linéarisation 3D selon $cmyk^*_{de}$

sortie: Laser printer output; separation cmy6*, D65, page 15/33

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 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 _q ; 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* _{dd361Mi}			rgb* _{dd361Mi}		
324	300	300	0.5	0.0	1.0	37.2	43.1	-30.8 53.0	324	0.136	0.0	1.0	31.6	24.3	-41.9 48.5	300	0.5	0.0	1.0	0.139	0.0	1.0	31.5	24.4	-41.9 48.6	300	0.5	0.0	1.0			
325	301	301	0.516	0.0	1.0	37.4	43.8	-30.4 53.4	325	0.151	0.0	1.0	31.5	25.1	-41.6 48.7	301	0.517	0.0	1.0	0.153	0.0	1.0	31.5	25.2	-41.6 48.7	301	0.517	0.0	1.0			
326	302	302	0.533	0.0	1.0	37.7	44.5	-29.9 53.7	326	0.165	0.0	1.0	31.4	25.9	-41.3 48.9	302	0.533	0.0	1.0	0.166	0.0	1.0	31.4	26.0	-41.3 48.9	302	0.533	0.0	1.0			
326	303	303	0.55	0.0	1.0	37.9	45.3	-29.5 54.0	326	0.18	0.0	1.0	31.4	26.7	-41.0 49.0	303	0.55	0.0	1.0	0.18	0.0	1.0	31.4	26.7	-41.0 49.0	303	0.55	0.0	1.0			
327	304	303	0.566	0.0	1.0	38.2	46.0	-29.0 54.4	327	0.194	0.0	1.0	31.3	27.5	-40.7 49.2	304	0.567	0.0	1.0	0.194	0.0	1.0	31.3	27.5	-40.7 49.2	303	0.567	0.0	1.0			
328	305	304	0.583	0.0	1.0	38.4	46.7	-28.5 54.7	328	0.209	0.0	1.0	31.2	28.3	-40.3 49.4	305	0.583	0.0	1.0	0.208	0.0	1.0	31.2	28.3	-40.4 49.4	304	0.583	0.0	1.0			
329	306	305	0.6	0.0	1.0	38.7	47.4	-28.0 55.1	329	0.224	0.0	1.0	31.1	29.1	-40.0 49.5	306	0.6	0.0	1.0	0.222	0.0	1.0	31.2	29.0	-40.0 49.5	305	0.6	0.0	1.0			
330	307	306	0.616	0.0	1.0	38.9	48.1	-27.5 55.4	330	0.238	0.0	1.0	31.1	29.9	-39.6 49.7	307	0.617	0.0	1.0	0.235	0.0	1.0	31.1	29.8	-39.7 49.7	306	0.617	0.0	1.0			
331	308	307	0.633	0.0	1.0	39.2	48.9	-26.9 55.8	331	0.252	0.0	1.0	31.1	30.7	-39.2 49.9	308	0.633	0.0	1.0	0.249	0.0	1.0	31.0	30.5	-39.3 49.8	307	0.633	0.0	1.0			
332	309	308	0.65	0.0	1.0	39.6	49.8	-26.2 56.3	332	0.265	0.0	1.0	31.4	31.5	-38.8 50.1	309	0.65	0.0	1.0	0.261	0.0	1.0	31.3	31.3	-39.0 50.0	308	0.65	0.0	1.0			
333	310	309	0.666	0.0	1.0	40.0	50.7	-25.4 56.8	333	0.278	0.0	1.0	31.8	32.3	-38.4 50.3	310	0.667	0.0	1.0	0.274	0.0	1.0	31.6	32.1	-38.6 50.2	309	0.667	0.0	1.0			
334	311	310	0.683	0.0	1.0	40.4	51.6	-24.7 57.2	334	0.291	0.0	1.0	32.1	33.1	-38.0 50.5	311	0.683	0.0	1.0	0.286	0.0	1.0	32.0	32.8	-38.2 50.4	310	0.683	0.0	1.0			
335	312	311	0.7	0.0	1.0	40.7	52.5	-23.9 57.7	335	0.304	0.0	1.0	32.4	33.9	-37.6 50.7	312	0.7	0.0	1.0	0.298	0.0	1.0	32.3	33.6	-37.8 50.6	311	0.7	0.0	1.0			
336	313	312	0.716	0.0	1.0	41.1	53.4	-23.1 58.2	336	0.317	0.0	1.0	32.8	34.7	-37.2 50.9	313	0.717	0.0	1.0	0.31	0.0	1.0	32.6	34.3	-37.4 50.8	312	0.717	0.0	1.0			
337	314	313	0.733	0.0	1.0	41.5	54.3	-22.3 58.7	337	0.33	0.0	1.0	33.1	35.5	-36.7 51.1	314	0.733	0.0	1.0	0.323	0.0	1.0	32.9	35.1	-37.0 51.0	313	0.733	0.0	1.0			
338	315	314	0.75	0.0	1.0	41.8	55.1	-21.4 59.1	338	0.343	0.0	1.0	33.4	36.3	-36.2 51.4	315	0.75	0.0	1.0	0.335	0.0	1.0	33.2	35.8	-36.5 51.2	314	0.75	0.0	1.0			
339	316	315	0.766	0.0	1.0	42.4	55.8	-20.9 59.6	339	0.356	0.0	1.0	33.8	37.1	-35.7 51.6	316	0.767	0.0	1.0	0.347	0.0	1.0	33.5	36.6	-36.0 51.4	315	0.767	0.0	1.0			
340	317	316	0.783	0.0	1.0	42.9	56.5	-20.4 60.1	340	0.368	0.0	1.0	34.1	37.9	-35.2 51.8	317	0.783	0.0	1.0	0.359	0.0	1.0	33.9	37.3	-35.6 51.6	316	0.783	0.0	1.0			
340	318	317	0.8	0.0	1.0	43.4	57.2	-19.8 60.5	340	0.384	0.0	1.0	34.5	38.6	-34.7 52.0	318	0.8	0.0	1.0	0.371	0.0	1.0	34.2	38.0	-35.1 51.8	317	0.8	0.0	1.0			
341	319	318	0.816	0.0	1.0	43.9	57.8	-19.3 61.0	341	0.402	0.0	1.0	34.9	39.3	-34.1 52.1	319	0.817	0.0	1.0	0.387	0.0	1.0	34.6	38.8	-34.6 52.0	318	0.817	0.0	1.0			
342	320	319	0.833	0.0	1.0	44.4	58.5	-18.7 61.4	342	0.42	0.0	1.0	35.3	40.1	-33.5 52.3	320	0.833	0.0	1.0	0.404	0.0	1.0	35.0	39.4	-34.0 52.2	319	0.833	0.0	1.0			
342	321	320	0.85	0.0	1.0	44.9	59.1	-18.2 61.9	342	0.438	0.0	1.0	35.8	40.8	-32.9 52.5	321	0.85	0.0	1.0	0.421	0.0	1.0	35.4	40.1	-33.5 52.3	320	0.85	0.0	1.0			
343	322	321	0.866	0.0	1.0	45.4	59.8	-17.6 62.3	343	0.456	0.0	1.0	36.2	41.5	-32.3 52.7	322	0.867	0.0	1.0	0.439	0.0	1.0	35.8	40.8	-32.9 52.5	321	0.867	0.0	1.0			
344	323	321	0.883	0.0	1.0	45.8	60.5	-17.0 62.8	344	0.474	0.0	1.0	36.6	42.2	-31.7 52.8	323	0.883	0.0	1.0	0.456	0.0	1.0	36.2	41.5	-32.3 52.6	321	0.883	0.0	1.0			
344	324	322	0.9	0.0	1.0	46.1	61.2	-16.4 63.4	344	0.492	0.0	1.0	37.1	42.9	-31.1 53.0	324	0.9	0.0	1.0	0.473	0.0	1.0	36.6	42.1	-31.7 52.8	322	0.9	0.0	1.0			
345	325	323	0.916	0.0	1.0	46.5	61.9	-15.9 63.9	345	0.512	0.0	1.0	37.4	43.7	-30.5 53.3	325	0.917	0.0	1.0	0.49	0.0	1.0	37.0	42.8	-31.1 53.0	323	0.917	0.0	1.0			
346	326	324	0.933	0.0	1.0	46.8	62.6	-15.3 64.5	346	0.532	0.0	1.0	37.7	44.5	-29.9 53.7	326	0.933	0.0	1.0	0.508	0.0	1.0	37.4	43.5	-30.6 53.2	324	0.933	0.0	1.0			
346	327	325	0.95	0.0	1.0	47.1	63.3	-14.6 65.0	346	0.552	0.0	1.0	38.0	45.4	-29.4 54.1	327	0.95	0.0	1.0	0.527	0.0	1.0	37.6	44.3	-30.1 53.6	325	0.95	0.0	1.0			
347	328	326	0.966	0.0	1.0	47.5	64.0	-14.0 65.5	347	0.572	0.0	1.0	38.3	46.2	-28.8 54.5	328	0.967	0.0	1.0	0.546	0.0	1.0	37.9	45.1	-29.5 54.0	326	0.967	0.0	1.0			
348	329	327	0.983	0.0	1.0	47.8	64.7	-13.4 66.1	348	0.592	0.0	1.0	38.6	47.1	-28.2 54.9	329	0.983	0.0	1.0	0.565	0.0	1.0	38.2	46.0	-29.0 54.4	327	0.983	0.0	1.0			
348	330	328	1.0	0.0	1.0	48.1	65.4	-12.7 66.6	348	M _d 0.612	0.0	1.0	38.9	47.9	-27.6 55.4	330	M _s 1.0	0.0	1.0	0.584	0.0	1.0	38.5	46.8	-28.4 54.8	328	M _e 1.0	0.0	1.0			
349	331	329	1.0	0.0	0.983	48.3	65.5	-12.5 66.7	349	0.631	0.0	1.0	39.2	48.8	-26.9 55.8	331	1.0	0.0	0.983	0.603	0.0	1.0	38.8	47.6	-27.9 55.2	329	1.0	0.0	0.983			
349	332	330	1.0	0.0	0.966	48.5	65.6	-12.2 66.7	349	0.646	0.0	1.0	39.6	49.6	-26.3 56.2	332	1.0	0.0	0.967	0.623	0.0	1.0	39.1	48.4	-27.3 55.6	330	1.0	0.0	0.967			
349	333	331	1.0	0.0	0.95	48.7	65.7	-11.9 66.8	349	0.662	0.0	1.0	39.9	50.5	-25.6 56.7	333	1.0	0.0	0.95	0.638	0.0	1.0	39.4	49.2	-26.7 56.0	331	1.0	0.0	0.95			

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

Six angles de centre des couleurs perceptuelles K19CB2, $h_{ab,d}$, $h_{ab,s}$, $h_{ab,e}$, rgb^*_{dd361M} , LAB^* , $dsx361Mi$ (x=LabCh)										Six angles de centre des couleurs perceptuelles K19CB2, $h_{ab,d}$, $h_{ab,s}$, $h_{ab,e}$, rgb^*_{dd361M} , LAB^* , $dex361Mi$ (x=LabCh)										Six angles de centre des couleurs perceptuelles K19CB2, $h_{ab,d}$, $h_{ab,s}$, $h_{ab,e}$, rgb^*_{dd361M} , LAB^* , $dex361Mi$ (x=LabCh)									
$h_{ab,d}$	$h_{ab,s}$	$h_{ab,e}$	rgb^*_{dd361M}	LAB^*	$dsx361Mi$ (x=LabCh)	$rgb^*_{ds361Mi}$	LAB^*	$dsx361Mi$ (x=LabCh)	$rgb^*_{dd361Mi}$	$rgb^*_{de361Mi}$	LAB^*	$dex361Mi$ (x=LabCh)	$rgb^*_{dd361Mi}$	$rgb^*_{de361Mi}$	LAB^*	$dex361Mi$ (x=LabCh)	$rgb^*_{dd361Mi}$	$rgb^*_{de361Mi}$	LAB^*	$dex361Mi$ (x=LabCh)	$rgb^*_{dd361Mi}$	$rgb^*_{de361Mi}$							
354	345	342	1.0	0.0	0.75 49.3 64.5	-6.5 64.8 354	0.902 0.0	1.0	46.2 61.3	-16.3 63.5 345	1.0	0.0	0.75	0.848 0.0	1.0	44.9 59.1	-18.2 61.9 342	1.0	0.0	0.75									
355	346	343	1.0	0.0	0.733 49.1 64.2	-5.3 64.4 355	0.926 0.0	1.0	46.7 62.4	-15.5 64.3 346	1.0	0.0	0.733	0.871 0.0	1.0	45.6 60.0	-17.4 62.5 343	1.0	0.0	0.733									
356	347	344	1.0	0.0	0.716 48.9 63.9	-4.1 64.0 356	0.951 0.0	1.0	47.2 63.4	-14.5 65.1 347	1.0	0.0	0.717	0.895 0.0	1.0	46.1 61.0	-16.6 63.2 344	1.0	0.0	0.717									
357	348	345	1.0	0.0	0.7 48.7 63.5	-2.9 63.6 357	0.976 0.0	1.0	47.7 64.5	-13.6 65.9 348	1.0	0.0	0.7	0.918 0.0	1.0	46.5 62.0	-15.7 64.0 345	1.0	0.0	0.7									
358	349	346	1.0	0.0	0.683 48.6 63.2	-1.8 63.2 358	1.0	0.0	0.996 48.2 65.4	-12.6 66.7 349	1.0	0.0	0.683	0.942 0.0	1.0	47.0 63.0	-14.9 64.8 346	1.0	0.0	0.683									
359	350	347	1.0	0.0	0.666 48.4 62.8	-0.6 62.8 359	1.0	0.0	0.927 49.0 65.9	-11.5 66.9 350	1.0	0.0	0.667	0.966 0.0	1.0	47.5 64.0	-14.0 65.5 347	1.0	0.0	0.667									
360	351	348	1.0	0.0	0.65 48.2 62.4	0.4 62.4 360	1.0	0.0	0.866 49.5 66.1	-10.4 66.9 351	1.0	0.0	0.65	0.989 0.0	1.0	48.0 65.0	-13.1 66.3 348	1.0	0.0	0.65									
361	352	349	1.0	0.0	0.633 48.0 62.0	1.5 62.0 361	1.0	0.0	0.83 49.5 65.6	-9.1 66.3 352	1.0	0.0	0.633	1.0	0.0	0.964 48.6 65.6	-12.1 66.8 349	1.0	0.0	0.633									
362	353	350	1.0	0.0	0.616 47.9 61.6	2.7 61.7 362	1.0	0.0	0.794 49.4 65.2	-7.9 65.6 353	1.0	0.0	0.617	1.0	0.0	0.899 49.3 66.0	-11.1 67.0 350	1.0	0.0	0.617									
363	354	351	1.0	0.0	0.6 47.9 61.3	3.8 61.4 363	1.0	0.0	0.757 49.3 64.7	-6.7 65.0 354	1.0	0.0	0.6	1.0	0.0	0.853 49.5 65.9	-9.9 66.7 351	1.0	0.0	0.6									
364	355	352	1.0	0.0	0.583 47.9 60.9	4.9 61.1 364	1.0	0.0	0.737 49.2 64.3	-5.5 64.6 355	1.0	0.0	0.583	1.0	0.0	0.819 49.4 65.5	-8.7 66.1 352	1.0	0.0	0.583									
365	356	353	1.0	0.0	0.566 47.9 60.6	6.0 60.9 365	1.0	0.0	0.721 49.0 64.0	-4.4 64.2 356	1.0	0.0	0.567	1.0	0.0	0.785 49.4 65.0	-7.6 65.5 353	1.0	0.0	0.567									
366	357	354	1.0	0.0	0.55 47.8 60.2	7.1 60.6 366	1.0	0.0	0.705 48.9 63.7	-3.2 63.8 357	1.0	0.0	0.55	1.0	0.0	0.75 49.3 64.6	-6.5 64.9 354	1.0	0.0	0.55									
367	358	355	1.0	0.0	0.533 47.8 59.8	8.2 60.4 367	1.0	0.0	0.689 48.7 63.4	-2.1 63.4 358	1.0	0.0	0.533	1.0	0.0	0.735 49.2 64.3	-5.4 64.5 355	1.0	0.0	0.533									
368	359	356	1.0	0.0	0.516 47.8 59.4	9.3 60.1 368	1.0	0.0	0.673 48.5 63.0	-1.0 63.0 359	1.0	0.0	0.517	1.0	0.0	0.72 49.0 64.0	-4.3 64.1 356	1.0	0.0	0.517									
370	360	352	1.0	0.0	0.5 47.8 58.9	10.4 59.9 370	1.0	0.0	0.657 48.3 62.6	0.0 62.6 360	1.0	0.0	0.5	1.0	0.0	0.828 49.5 65.6	-9.0 66.2 352	1.0	0.0	0.5									
371	361	353	1.0	0.0	0.483 47.7 58.7	11.6 59.9 371	1.0	0.0	0.641 48.2 62.2	1.1 62.2 361	1.0	0.0	0.483	1.0	0.0	0.787 49.4 65.1	-7.7 65.5 353	1.0	0.0	0.483									
372	362	354	1.0	0.0	0.466 47.7 58.5	12.8 59.9 372	1.0	0.0	0.625 48.0 61.8	2.2 61.8 362	1.0	0.0	0.467	1.0	0.0	0.749 49.3 64.5	-6.4 64.8 354	1.0	0.0	0.467									
373	363	355	1.0	0.0	0.45 47.6 58.3	14.0 59.9 373	1.0	0.0	0.609 48.0 61.5	3.2 61.6 363	1.0	0.0	0.45	1.0	0.0	0.731 49.1 64.2	-5.1 64.4 355	1.0	0.0	0.45									
374	364	356	1.0	0.0	0.433 47.5 58.0	15.2 60.0 374	1.0	0.0	0.594 48.0 61.2	4.3 61.4 364	1.0	0.0	0.433	1.0	0.0	0.713 48.9 63.9	-3.8 64.0 356	1.0	0.0	0.433									
375	365	357	1.0	0.0	0.416 47.5 57.7	16.5 60.0 375	1.0	0.0	0.578 47.9 60.9	5.3 61.1 365	1.0	0.0	0.417	1.0	0.0	0.695 48.7 63.5	-2.5 63.5 357	1.0	0.0	0.417									
377	366	358	1.0	0.0	0.4 47.4 57.3	17.7 60.0 377	1.0	0.0	0.562 47.9 60.5	6.4 60.9 366	1.0	0.0	0.4	1.0	0.0	0.677 48.6 63.1	-1.3 63.1 358	1.0	0.0	0.4									
378	367	359	1.0	0.0	0.383 47.4 57.0	18.9 60.0 378	1.0	0.0	0.547 47.9 60.2	7.4 60.6 367	1.0	0.0	0.383	1.0	0.0	0.659 48.4 62.7	-0.1 62.7 359	1.0	0.0	0.383									
379	368	360	1.0	0.0	0.366 47.4 56.8	20.0 60.2 379	1.0	0.0	0.531 47.9 59.8	8.4 60.4 368	1.0	0.0	0.367	1.0	0.0	0.641 48.2 62.2	1.1 62.2 360	1.0	0.0	0.367									
380	369	362	1.0	0.0	0.35 47.4 56.7	21.1 60.5 380	1.0	0.0	0.516 47.8 59.4	9.4 60.2 369	1.0	0.0	0.35	1.0	0.0	0.624 48.0 61.8	2.3 61.8 362	1.0	0.0	0.35									
381	370	363	1.0	0.0	0.333 47.4 56.6	22.1 60.8 381	1.0	0.0	0.5 47.8 59.0	10.4 59.9 370	1.0	0.0	0.333	1.0	0.0	0.606 48.0 61.5	3.4 61.5 363	1.0	0.0	0.333									
382	371	364	1.0	0.0	0.316 47.4 56.5	23.2 61.1 382	1.0	0.0	0.486 47.8 58.8	11.4 59.9 371	1.0	0.0	0.317	1.0	0.0	0.589 47.9 61.1	4.6 61.3 364	1.0	0.0	0.317									
383	372	365	1.0	0.0	0.3 47.5 56.4	24.3 61.4 383	1.0	0.0	0.472 47.7 58.6	12.5 60.0 372	1.0	0.0	0.3	1.0	0.0	0.571 47.9 60.7	5.8 61.0 365	1.0	0.0	0.3									
384	373	366	1.0	0.0	0.283 47.5 56.2	25.4 61.7 384	1.0	0.0	0.458 47.7 58.4	13.5 60.0 373	1.0	0.0	0.283	1.0	0.0	0.554 47.9 60.3	6.9 60.7 366	1.0	0.0	0.283									
385	374	367	1.0	0.0	0.266 47.5 56.1	26.5 62.0 385	1.0	0.0	0.444 47.6 58.2	14.5 60.0 374	1.0	0.0	0.267	1.0	0.0	0.537 47.9 59.9	8.1 60.5 367	1.0	0.0	0.267									
386	375	368	1.0	0.0	0.25 47.5 55.9	27.5 62.3 386	1.0	0.0	0.43 47.6 58.0	15.5 60.0 375	1.0	0.0	0.25	1.0	0.0	0.519 47.8 59.5	9.2 60.2 368	1.0	0.0	0.25									
386	376	369	1.0	0.0	0.233 47.5 56.0	28.4 62.8 386	1.0	0.0	0.416 47.5 57.7	16.5 60.0 376	1.0	0.0	0.233	1.0	0.0	0.502 47.8 59.1	10.3 59.9 369	1.0	0.0	0.233									
387	377	370	1.0	0.0	0.216 47.6 56.1	29.3 63.3 387	1.0	0.0	0.402 47.5 57.4	17.6 60.1 377	1.0	0.0	0.217	1.0	0.0	0.486 47.8 58.8	11.4 59.9 370	1.0	0.0	0.217									
388	378	372	1.0	0.0	0.2 47.6 56.1	30.2 63.8 388	1.0	0.0	0.388 47.5 57.1	18.6 60.1 378	1.0	0.0	0.2	1.0	0.0	0.471 47.7 58.6	12.6 60.0 372	1.0	0.0	0.2									
388	379	373	1.0	0.0	0.183 47.6 56.2	31.1 64.2 388	1.0	0.0	0.374 47.4 56.8	19.6 60.1 379	1.0	0.0	0.183	1.0	0.0	0.455 47.7 58.4	13.7 60.0 373	1.0	0.0	0.183									
389	380	374	1.0	0.0	0.166 47.6 56.3	32.0 64.7 389	1.0	0.0	0.357 47.4 56.8	20.7 60.4 380	1.0	0.0	0.167	1.0	0.0	0.439 47.6 58.1	14.9 60.0 374	1.0	0.0	0.167									
390	381	375	1.0	0.0	0.15 47.6 56.3	32.9 65.2 390	1.0	0.0	0.34 47.5 56.7	21.8 60.7 381	1.0	0.0	0.15	1.0	0.0	0.424 47.6 57.9	16.0 60.0 375	1.0	0.0	0.15									
390	382	376	1.0	0.0	0.133 47.6 56.3	33.8 65.7 390	1.0	0.0	0.323 47.5 56.6	22.9 61.0 382	1.0	0.0	0.133	1.0	0.0	0.408 47.5 57.6	17.1 60.0 376	1.0	0.0	0.133									
391	383	377	1.0	0.0	0.116 47.6 56.4	34.5 66.1 391	1.0	0.0	0.306 47.5 56.5	24.0 61.4 383	1.0	0.0	0.117	1.0	0.0	0.393 47.5 57.2	18.2 60.1 377	1.0	0.0	0.117									
391	384	378	1.0	0.0	0.1 47.6 56.5	34.9 66.5 391	1.0	0.0	0.289 47.5 56.3	25.1 61.7 384	1.0	0.0	0.1	1.0	0.0	0.377 47.4 56.9	19.4 60.1 378	1.0	0.0	0.1									
392	385	379	1.0	0.0	0.083 47.6 56.6	35.4 66.8 392	1.0	0.0	0.272 47.6 56.2	26.2 62.0 385	1.0	0.0	0.083	1.0	0.0	0.358 47.4 56.8	20.												

3-1131630-L0 QF690-73 LAB*la0, YN=0%, XYZnw=3.9, 4.1, 4.1, 84.7, 89.6, 93.9, LAB*nw=23.9, 0.0, 0.0, 95.8, 0.0, 0.0

sortie: Laser printer output; separation cmy6*, D65, page 17/33

graphique TUB-QF69; code de teinte: $H^*_e=Y75G_e$
cercle chromatique 48 paliers; tableaux $rgb-LabCh^*$

entrée : $rgb/cmyk \rightarrow rgb_{de}$
sortie : linéarisation 3D selon $cmyk^*_{de}$

voir fichiers similaires: <http://130.149.60.45/~farbmetrik/QF69/QF69L0FP.PDF> / .PS
informations techniques: <http://www.ps.bam.de> ou <http://130.149.60.45/~farbmetrik>

TUB enregistrement: 20130201-QF69/QF69L0FP.PDF /.PS
application pour la mesure des sorties sur imprimante laser, séparation cmy6* (CMYK)
TUB matériel: code=rha4ta

n/f	HfC*File	rgb_File	icr_File	hsa_Fate	rgb_Fide	LabCh*Fide	cmyk*_sep_Fide	hsm_de	rgb*_Fide	LabCh*_Fide	hsm_de	rgb*_Fide	LabCh*_Fide
0/648	R00Y_100_100de	1.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1/657	R13Y_100_100de	0.0	0.125	0.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2/666	R25Y_100_100de	0.0	0.25	0.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3/675	R38Y_100_100de	0.0	0.375	0.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4/684	R50Y_100_100de	0.0	0.5	0.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5/693	R63Y_100_100de	0.0	0.625	0.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6/702	R75Y_100_100de	0.0	0.75	0.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7/711	R88Y_100_100de	0.0	0.875	0.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8/720	Y00C_100_100de	1.0	1.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9/639	Y13C_100_100de	0.875	1.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10/658	Y25C_100_100de	0.75	1.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
11/477	Y38C_100_100de	0.625	1.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
12/396	Y50C_100_100de	0.5	1.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
13/315	Y63C_100_100de	0.375	1.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14/234	Y75C_100_100de	0.25	1.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15/153	Y88C_100_100de	0.125	1.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
16/72	G00C_100_100de	0.0	1.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
17/73	G13C_100_100de	0.0	0.125	1.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
18/74	G25C_100_100de	0.0	0.25	1.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
19/75	G38C_100_100de	0.0	0.375	1.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
20/76	G50C_100_100de	0.0	0.5	1.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
21/77	G63C_100_100de	0.0	0.625	1.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
22/78	G75C_100_100de	0.0	0.75	1.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
23/79	G88C_100_100de	0.0	0.875	1.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
24/80	C00B_100_100de	0.0	1.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
25/71	C13B_100_100de	0.0	0.875	1.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
26/62	C25B_100_100de	0.0	0.75	1.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
27/63	C38B_100_100de	0.0	0.625	1.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
28/44	C50B_100_100de	0.0	0.5	1.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
29/35	C63B_100_100de	0.0	0.375	1.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
30/26	C75B_100_100de	0.0	0.25	1.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
31/17	C88B_100_100de	0.0	0.125	1.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
32/8	B00M_100_100de	0.0	0.0	1.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
33/89	B13M_100_100de	0.125	0.0	1.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
34/170	B25M_100_100de	0.25	0.0	1.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
35/251	B38M_100_100de	0.375	0.0	1.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
36/332	B50M_100_100de	0.5	0.0	1.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
37/413	B63M_100_100de	0.625	0.0	1.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
38/494	B75M_100_100de	0.75	0.0	1.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
39/575	B88M_100_100de	0.875	0.0	1.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
40/656	M00R_100_100de	1.0	0.0	1.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
41/655	M13R_100_100de	1.0	0.0	0.875	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
42/654	M25R_100_100de	1.0	0.0	0.75	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
43/653	M38R_100_100de	1.0	0.0	0.625	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
44/652	M50R_100_100de	1.0	0.0	0.5	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
45/651	M63R_100_100de	1.0	0.0	0.375	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
46/650	M75R_100_100de	1.0	0.0	0.25	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47/649	M88R_100_100de	1.0	0.0	0.125	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
48/648	R00Y_100_100de	1.0	0.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
49/0	NW_000de	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50/91	NW_013de	0.125	0.125	0.125	0.125	0.125	0.125	0.125	0.125	0.125	0.125	0.125	0.125
51/182	NW_025de	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25
52/273	NW_0375de	0.375	0.375	0.375	0.375	0.375	0.375	0.375	0.375	0.375	0.375	0.375	0.375
53/364	NW_050de	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
54/455	NW_063de	0.625	0.625	0.625	0.625	0.625	0.625	0.625	0.625	0.625	0.625	0.625	0.625
55/546	NW_075de	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75
56/637	NW_088de	0.875	0.875	0.875	0.875	0.875	0.875	0.875	0.875	0.875	0.875	0.875	0.875
57/728	NW_100de	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0

entrée : rgb/cmyk -> rgbde
sortie : linéarisation 3D selon cmyk*de

graphique TUB-QF69; code de teinte: H*e=Y75Ge
couleurs et différences, ΔE,*

QF690-7N, 18/33-F

3-1131730-F0

nrf	HC*Fide	rgb_Fide	icr_Fide	hsa_Fide	rgb*Fide	LabCh*Fide	cmyk*_sep_Fide	0.735	0.0	0.735	0.0	0.263	47.5	56.0	26.7	62.1	25.4
0/648	R25Y_100_100de	1.0	0.0	1.0	0.5	1.0	0.0	0.0	0.886	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1/666	R25Y_100_100de	0.0	0.0	1.0	0.5	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2/684	R50Y_100_100de	1.0	0.5	0.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3/702	R75Y_100_100de	1.0	0.5	0.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4/720	Y00C_100_100de	1.0	0.0	1.0	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5/738	Y25C_100_100de	0.75	1.0	0.0	0.5	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6/756	Y50C_100_100de	0.5	1.0	0.0	0.5	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7/774	Y75C_100_100de	0.25	1.0	0.0	0.5	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8/792	G00B_100_100de	0.0	1.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9/792	G00B_100_100de	0.0	1.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10/76	G25B_100_100de	0.0	1.0	0.5	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
11/840	G50B_100_100de	0.0	1.0	0.5	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
12/840	G75B_100_100de	0.0	0.5	1.0	0.5	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
13/8	B00M_100_100de	0.0	1.0	0.0	0.5	2.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14/332	B25R_100_100de	0.5	1.0	0.0	0.5	3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15/652	B50R_100_100de	1.0	0.0	1.0	0.5	3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
16/652	B75R_100_100de	1.0	0.0	1.0	0.5	3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
17/648	R00Y_100_100de	1.0	0.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
18/688	R00Y_100_100de	1.0	0.5	0.5	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
19/706	R50Y_100_100de	0.75	0.5	0.5	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
20/724	Y00C_100_100de	1.0	1.0	0.5	0.5	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
21/642	Y50C_100_100de	0.75	1.0	0.5	0.5	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
22/400	G00B_100_100de	0.5	1.0	0.5	0.5	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
23/468	G00B_100_100de	0.5	1.0	0.5	0.5	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
24/368	B00R_100_100de	0.5	1.0	0.5	0.5	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
25/692	B50R_100_100de	1.0	0.5	0.5	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
26/688	R00Y_100_100de	1.0	0.5	0.5	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
27/506	R00Y_075_050de	0.75	0.25	0.25	0.75	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
28/524	R50Y_075_050de	0.75	0.25	0.25	0.75	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
29/542	Y00C_075_050de	0.75	0.25	0.25	0.75	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
30/218	Y50C_075_050de	0.5	0.75	0.25	0.75	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
31/218	G00B_075_050de	0.25	0.75	0.25	0.75	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
32/222	G50B_075_050de	0.25	0.75	0.25	0.75	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
33/186	B00R_075_050de	0.25	0.75	0.25	0.75	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
34/510	B50R_075_050de	0.75	0.25	0.25	0.75	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
35/506	R00Y_075_050de	0.75	0.25	0.25	0.75	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
36/324	R00Y_050_050de	0.5	0.0	0.0	0.5	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25
37/342	R50Y_050_050de	0.5	0.25	0.25	0.5	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25
38/360	Y00C_050_050de	0.5	0.5	0.5	0.5	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25
39/198	Y50C_050_050de	0.25	0.5	0.5	0.5	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25
40/36	G00B_050_050de	0.0	0.5	0.5	0.5	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25
41/40	G50B_050_050de	0.0	0.5	0.5	0.5	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25
42/4	B00R_050_050de	0.0	0.5	0.5	0.5	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25
43/328	B50R_050_050de	0.5	0.0	0.5	0.5	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25
44/324	R00Y_050_050de	0.5	0.0	0.5	0.5	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25
45/0	NW_000de	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
46/182	NW_025de	0.125	0.125	0.125	0.125	0.125	0.125	0.125	0.125	0.125	0.125	0.125	0.125	0.125	0.125	0.125	0.125
48/273	NW_030de	0.375	0.375	0.375	0.375	0.375	0.375	0.375	0.375	0.375	0.375	0.375	0.375	0.375	0.375	0.375	0.375
49/364	NW_030de	0.625	0.625	0.625	0.625	0.625	0.625	0.625	0.625	0.625	0.625	0.625	0.625	0.625	0.625	0.625	0.625
50/435	NW_050de	0.625	0.625	0.625	0.625	0.625	0.625	0.625	0.625	0.625	0.625	0.625	0.625	0.625	0.625	0.625	0.625
51/66	NW_050de	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75
52/66	NW_080de	0.875	0.875	0.875	0.875	0.875	0.875	0.875	0.875	0.875	0.875	0.875	0.875	0.875	0.875	0.875	0.875
53/728	NW_100de	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0

delta

	H* _C *Fide	rgb_Fide	icr_Fide	hsa_Fide	rgb_Fide	LabCh*Fide	cmv*_sep_Fide	delta	hsa_Mde	rgb_Mde	LabCh*_Mde		
1	NW 0000e	0.0	0.0	0.0	0.0	23.8	0.0	0.0	360	1.0	95.8	0.0	0.0
2	BOOR.012.012a	0.0	0.125	0.062	270	0.0	0.337	0.246	179	0.0	51.7	-23.3	244.3
3	BOOR.025.025a	0.0	0.25	0.125	270	0.0	0.453	0.37	185	0.0	51.7	-23.3	244.3
4	BOOR.037.037a	0.0	0.375	0.187	270	0.0	0.71	0.591	191	0.0	51.7	-23.3	244.3
5	BOOR.050.050a	0.0	0.5	0.25	270	0.0	0.852	0.643	197	0.0	51.7	-23.3	244.3
6	BOOR.062.062a	0.0	0.625	0.312	270	0.0	0.963	0.729	203	0.0	51.7	-23.3	244.3
7	BOOR.075.075a	0.0	0.75	0.375	270	0.0	1.0	0.738	209	0.0	51.7	-23.3	244.3
8	BOOR.087.087a	0.0	0.875	0.437	270	0.0	1.0	0.738	215	0.0	51.7	-23.3	244.3
9	BOOR.100.100a	0.0	1.0	0.5	270	0.0	1.0	0.738	221	0.0	51.7	-23.3	244.3
10	COB.012.012a	0.0	0.125	0.062	150	0.0	0.279	0.231	157	0.0	53.8	-65.9	21.1
11	G5B.012.012a	0.0	0.125	0.062	210	0.0	0.279	0.231	162	0.0	53.8	-65.9	21.1
12	G7B.025.025a	0.0	0.25	0.125	240	0.0	0.335	0.282	168	0.0	53.8	-65.9	21.1
13	G8B.037.037a	0.0	0.375	0.187	251	0.0	0.426	0.357	176	0.0	53.8	-65.9	21.1
14	G8B.050.050a	0.0	0.5	0.25	256	0.0	0.545	0.457	182	0.0	53.8	-65.9	21.1
15	G9B.062.062a	0.0	0.625	0.312	259	0.0	0.643	0.551	187	0.0	53.8	-65.9	21.1
16	G9B.075.075a	0.0	0.75	0.375	261	0.0	0.729	0.624	191	0.0	53.8	-65.9	21.1
17	G9B.087.087a	0.0	0.875	0.437	262	0.0	0.852	0.729	198	0.0	53.8	-65.9	21.1
18	G9B.100.100a	0.0	1.0	0.5	263	0.0	0.963	0.852	204	0.0	53.8	-65.9	21.1
19	G2B.025.025a	0.0	0.25	0.125	150	0.0	0.279	0.231	157	0.0	53.8	-65.9	21.1
20	G2B.025.025a	0.0	0.25	0.125	180	0.0	0.335	0.282	168	0.0	53.8	-65.9	21.1
21	G5B.025.025a	0.0	0.25	0.125	210	0.0	0.426	0.357	176	0.0	53.8	-65.9	21.1
22	G7B.037.037a	0.0	0.375	0.187	229	0.0	0.545	0.457	182	0.0	53.8	-65.9	21.1
23	G7B.050.050a	0.0	0.5	0.25	240	0.0	0.643	0.551	187	0.0	53.8	-65.9	21.1
24	G8B.062.062a	0.0	0.625	0.312	247	0.0	0.729	0.624	191	0.0	53.8	-65.9	21.1
25	G8B.075.075a	0.0	0.75	0.375	251	0.0	0.852	0.729	198	0.0	53.8	-65.9	21.1
26	G8B.087.087a	0.0	0.875	0.437	254	0.0	0.963	0.852	204	0.0	53.8	-65.9	21.1
27	G9B.100.100a	0.0	1.0	0.5	256	0.0	1.0	0.963	209	0.0	53.8	-65.9	21.1
28	G9B.037.037a	0.0	0.375	0.187	150	0.0	0.335	0.282	168	0.0	53.8	-65.9	21.1
29	G1B.037.037a	0.0	0.375	0.187	169	0.0	0.426	0.357	176	0.0	53.8	-65.9	21.1
30	G3B.037.037a	0.0	0.375	0.187	191	0.0	0.545	0.457	182	0.0	53.8	-65.9	21.1
31	G5B.037.037a	0.0	0.375	0.187	210	0.0	0.643	0.551	187	0.0	53.8	-65.9	21.1
32	G8B.062.062a	0.0	0.625	0.312	223	0.0	0.729	0.624	191	0.0	53.8	-65.9	21.1
33	G7B.075.075a	0.0	0.75	0.375	240	0.0	0.852	0.729	198	0.0	53.8	-65.9	21.1
34	G9B.087.087a	0.0	0.875	0.437	245	0.0	0.963	0.852	204	0.0	53.8	-65.9	21.1
35	G9B.100.100a	0.0	1.0	0.5	248	0.0	1.0	0.963	209	0.0	53.8	-65.9	21.1
36	G9B.025.025a	0.0	0.25	0.125	150	0.0	0.335	0.282	168	0.0	53.8	-65.9	21.1
37	G1B.050.050a	0.0	0.5	0.25	164	0.0	0.426	0.357	176	0.0	53.8	-65.9	21.1
38	G2B.050.050a	0.0	0.5	0.25	180	0.0	0.545	0.457	182	0.0	53.8	-65.9	21.1
39	G3B.050.050a	0.0	0.5	0.25	196	0.0	0.643	0.551	187	0.0	53.8	-65.9	21.1
40	G5B.050.050a	0.0	0.5	0.25	210	0.0	0.729	0.624	191	0.0	53.8	-65.9	21.1
41	G9B.062.062a	0.0	0.625	0.312	221	0.0	0.852	0.729	198	0.0	53.8	-65.9	21.1
42	G6B.075.075a	0.0	0.75	0.375	229	0.0	0.963	0.852	204	0.0	53.8	-65.9	21.1
43	G7B.087.087a	0.0	0.875	0.437	235	0.0	1.0	0.963	209	0.0	53.8	-65.9	21.1
44	G7B.100.100a	0.0	1.0	0.5	240	0.0	1.0	0.963	215	0.0	53.8	-65.9	21.1
45	G9B.062.062a	0.0	0.625	0.312	150	0.0	0.729	0.624	191	0.0	53.8	-65.9	21.1
46	G9B.062.062a	0.0	0.625	0.312	161	0.0	0.852	0.729	198	0.0	53.8	-65.9	21.1
47	G1B.062.062a	0.0	0.625	0.312	173	0.0	0.963	0.852	204	0.0	53.8	-65.9	21.1
48	G3B.062.062a	0.0	0.625	0.312	187	0.0	1.0	0.963	209	0.0	53.8	-65.9	21.1
49	G4B.062.062a	0.0	0.625	0.312	199	0.0	1.0	0.963	215	0.0	53.8	-65.9	21.1
50	G5B.062.062a	0.0	0.625	0.312	210	0.0	1.0	0.963	221	0.0	53.8	-65.9	21.1
51	G5B.075.075a	0.0	0.75	0.375	219	0.0	1.0	0.963	227	0.0	53.8	-65.9	21.1
52	G5B.087.087a	0.0	0.875	0.437	226	0.0	1.0	0.963	233	0.0	53.8	-65.9	21.1
53	G8B.100.100a	0.0	1.0	0.5	232	0.0	1.0	0.963	239	0.0	53.8	-65.9	21.1
54	G9B.075.075a	0.0	0.75	0.375	150	0.0	0.729	0.624	191	0.0	53.8	-65.9	21.1
55	G7B.075.075a	0.0	0.75	0.375	159	0.0	0.852	0.729	198	0.0	53.8	-65.9	21.1
56	G1B.075.075a	0.0	0.75	0.375	169	0.0	0.963	0.852	204	0.0	53.8	-65.9	21.1
57	G2B.075.075a	0.0	0.75	0.375	180	0.0	1.0	0.963	210	0.0	53.8	-65.9	21.1
58	G3B.075.075a	0.0	0.75	0.375	191	0.0	1.0	0.963	216	0.0	53.8	-65.9	21.1
59	G4B.075.075a	0.0	0.75	0.375	201	0.0	1.0	0.963	222	0.0	53.8	-65.9	21.1
60	G5B.075.075a	0.0	0.75	0.375	210	0.0	1.0	0.963	228	0.0	53.8	-65.9	21.1
61	G5B.087.087a	0.0	0.875	0.437	218	0.0	1.0	0.963	234	0.0	53.8	-65.9	21.1
62	G5B.087.087a	0.0	0.875	0.437	224	0.0	1.0	0.963	240	0.0	53.8	-65.9	21.1
63	G6B.100.100a	0.0	1.0	0.5	224	0.0	1.0	0.963	246	0.0	53.8	-65.9	21.1
64	G9B.087.087a	0.0	0.875	0.437	150	0.0	0.852	0.729	198	0.0	53.8	-65.9	21.1
65	G9B.087.087a	0.0	0.875	0.437	158	0.0	0.963	0.852	204	0.0	53.8	-65.9	21.1
66	G1B.087.087a	0.0	0.875	0.437	166	0.0	1.0	0.963	210	0.0	53.8	-65.9	21.1
67	G2B.087.087a	0.0	0.875	0.437	175	0.0	1.0	0.963	216	0.0	53.8	-65.9	21.1
68	G3B.087.087a	0.0	0.875	0.437	185	0.0	1.0	0.963	222	0.0	53.8	-65.9	21.1
69	G4B.087.087a	0.0	0.875	0.437	194	0.0	1.0	0.963	228	0.0	53.8	-65.9	21.1
70	G5B.087.087a	0.0	0.875	0.437	202	0.0	1.0	0.963	234	0.0	53.8	-65.9	21.1
71	G4B.087.087a	0.0	0.875	0.437	210	0.0	1.0	0.963	240	0.0	53.8	-65.9	21.1
72	G5B.100.100a	0.0	1.0	0.5	217	0.0	1.0	0.963	246	0.0	53.8	-65.9	21.1
73	G6B.100.100a	0.0	1.0	0.5	217	0.0	1.0	0.963	252	0.0	53.8	-65.9	21.1
74	G1B.100.100a	0.0	1.0	0.5	164	0.0	1.0	0.963	258	0.0	53.8	-65.9	21.1
75	G1B.100.100a	0.0	1.0	0.5	157	0.0	1.0	0.963	264	0.0	53.8	-65.9	21.1
76	G1B.100.100a	0.0	1.0	0.5	142	0.0							

n	HiC*File	rgb*File	icL*File	hsa*File	rgb*File	LabCh*File	cmyk*sepFile	delta
81	B00Y.012.012de	0.125 0.0 0.125	0.125 0.125 0.062	390	0.125 0.0 0.032	26.8 7.0	0.468	0.872
82	B00Y.012.012de	0.125 0.0 0.125	0.125 0.125 0.062	390	0.073 0.0 0.125	25.6 5.8	0.379	0.924
83	B25R.025.025de	0.125 0.25 0.125	0.25 0.25 0.125	390	0.034 0.0 0.125	25.7 6.1	0.018	0.924
84	B15R.037.037de	0.125 0.5 0.125	0.375 0.375 0.187	289	0.005 0.375 0.187	25.2 6.0	0.306	0.875
85	B11R.050.050de	0.125 0.5 0.125	0.5 0.5 0.25	284	0.0038 0.5 0.25	28.9 6.1	0.481	0.755
86	B09R.062.062de	0.125 0.5 0.125	0.625 0.625 0.312	281	0.0072 0.625 0.312	28.9 6.1	0.524	0.662
87	B07R.087.075de	0.125 0.75 0.125	0.75 0.75 0.375	279	0.0106 0.75 0.375	32.4 6.7	0.601	0.573
88	B06R.087.075de	0.125 0.75 0.125	0.875 0.875 0.437	278	0.0135 0.875 0.437	34.0 6.7	0.785	0.499
89	B05R.100.100de	0.125 1.0 0.125	1.0 1.0 0.5	277	0.0168 1.0 0.5	35.7 6.9	0.871	0.411
90	Y00C.012.012de	0.125 0.125 0.0	0.125 0.125 0.062	90	0.0098 0.0 0.125	31.3 -0.3	0.816	0.000
91	NW.012de	0.125 0.125 0.125	0.125 0.125 0.062	90	0.125 0.125 0.125	32.8 0.0	0.445	0.828
92	B00R.025.012de	0.125 0.125 0.25	0.125 0.125 0.062	360	0.125 0.125 0.125	32.8 0.0	0.054	0.815
93	B00R.037.025de	0.125 0.125 0.25	0.25 0.125 0.062	360	0.125 0.125 0.125	32.8 0.0	0.111	0.778
94	B00R.050.037de	0.125 0.125 0.25	0.375 0.25 0.062	270	0.124 0.19 0.375	36.2 0.3	0.267	0.704
95	B00R.062.050de	0.125 0.125 0.25	0.5 0.375 0.062	270	0.124 0.222 0.5	37.8 0.5	0.321	0.628
96	B00R.075.062de	0.125 0.125 0.25	0.625 0.5 0.375	270	0.125 0.255 0.625	39.5 0.7	0.394	0.531
97	B00R.087.075de	0.125 0.125 0.25	0.75 0.625 0.437	270	0.125 0.288 0.75	41.2 0.9	0.401	0.477
98	B00R.100.087de	0.125 0.125 0.25	0.875 0.75 0.5	270	0.125 0.32 0.875	42.9 1.1	0.579	0.361
99	Y00C.025.025de	0.125 0.125 1.0	0.125 0.125 0.062	90	0.125 0.353 1.0	44.6 1.2	0.762	0.261
100	G00B.025.012de	0.125 0.25 0.125	0.25 0.125 0.062	150	0.125 0.25 0.125	35.6 -10.4	0.554	0.139
101	G00B.037.012de	0.125 0.25 0.125	0.25 0.125 0.062	150	0.124 0.25 0.125	35.6 -10.4	0.271	0.000
102	G00B.050.012de	0.125 0.25 0.125	0.375 0.25 0.062	120	0.124 0.296 0.375	38.7 -4.8	0.262	0.000
103	G00B.062.012de	0.125 0.25 0.125	0.5 0.375 0.062	120	0.124 0.315 0.5	41.3 -5.1	0.183	0.003
104	G00B.087.012de	0.125 0.25 0.125	0.625 0.5 0.375	120	0.124 0.342 0.625	42.7 -4.8	0.145	0.000
105	G00B.100.012de	0.125 0.25 0.125	0.75 0.625 0.437	120	0.125 0.369 0.75	44.7 -4.5	0.106	0.000
106	Y00C.037.037de	0.125 0.25 0.125	0.375 0.375 0.187	289	0.005 0.375 0.187	25.2 6.0	0.306	0.875
107	G00B.037.037de	0.125 0.25 0.125	0.375 0.375 0.187	289	0.005 0.375 0.187	25.2 6.0	0.481	0.755
108	Y00C.050.050de	0.125 0.25 0.125	0.5 0.5 0.25	284	0.0038 0.5 0.25	28.9 6.1	0.524	0.662
109	G00B.050.050de	0.125 0.25 0.125	0.5 0.5 0.25	284	0.0038 0.5 0.25	28.9 6.1	0.601	0.573
110	G00B.062.062de	0.125 0.25 0.125	0.625 0.5 0.375	281	0.0072 0.625 0.312	28.9 6.1	0.785	0.499
111	G00B.087.075de	0.125 0.25 0.125	0.75 0.625 0.437	279	0.0106 0.75 0.375	32.4 6.7	0.871	0.411
112	G00B.100.087de	0.125 0.25 0.125	0.875 0.75 0.5	277	0.0135 0.875 0.437	34.0 6.7	0.959	0.361
113	G00B.025.012de	0.125 0.25 0.125	0.25 0.125 0.062	150	0.125 0.25 0.125	35.6 -10.4	0.554	0.139
114	G00B.037.012de	0.125 0.25 0.125	0.25 0.125 0.062	150	0.124 0.25 0.125	35.6 -10.4	0.271	0.000
115	G00B.050.012de	0.125 0.25 0.125	0.375 0.25 0.062	120	0.124 0.296 0.375	38.7 -4.8	0.262	0.000
116	G00B.062.012de	0.125 0.25 0.125	0.5 0.375 0.062	120	0.124 0.315 0.5	41.3 -5.1	0.183	0.003
117	G00B.087.012de	0.125 0.25 0.125	0.625 0.5 0.375	120	0.124 0.342 0.625	42.7 -4.8	0.145	0.000
118	G00B.100.012de	0.125 0.25 0.125	0.75 0.625 0.437	120	0.125 0.369 0.75	44.7 -4.5	0.106	0.000
119	G00B.025.012de	0.125 0.25 0.125	0.25 0.125 0.062	150	0.125 0.25 0.125	35.6 -10.4	0.554	0.139
120	G00B.037.012de	0.125 0.25 0.125	0.25 0.125 0.062	150	0.124 0.25 0.125	35.6 -10.4	0.271	0.000
121	G00B.050.012de	0.125 0.25 0.125	0.375 0.25 0.062	120	0.124 0.296 0.375	38.7 -4.8	0.262	0.000
122	G00B.062.012de	0.125 0.25 0.125	0.5 0.375 0.062	120	0.124 0.315 0.5	41.3 -5.1	0.183	0.003
123	G00B.087.012de	0.125 0.25 0.125	0.625 0.5 0.375	120	0.124 0.342 0.625	42.7 -4.8	0.145	0.000
124	G00B.100.012de	0.125 0.25 0.125	0.75 0.625 0.437	120	0.125 0.369 0.75	44.7 -4.5	0.106	0.000
125	Y00C.037.037de	0.125 0.25 0.125	0.375 0.375 0.187	289	0.005 0.375 0.187	25.2 6.0	0.306	0.875
126	Y00C.050.050de	0.125 0.25 0.125	0.5 0.5 0.25	284	0.0038 0.5 0.25	28.9 6.1	0.524	0.662
127	Y00C.062.062de	0.125 0.25 0.125	0.625 0.5 0.375	281	0.0072 0.625 0.312	28.9 6.1	0.785	0.499
128	Y00C.087.075de	0.125 0.25 0.125	0.75 0.625 0.437	279	0.0106 0.75 0.375	32.4 6.7	0.871	0.411
129	Y00C.100.087de	0.125 0.25 0.125	0.875 0.75 0.5	277	0.0135 0.875 0.437	34.0 6.7	0.959	0.361
130	G00B.025.012de	0.125 0.25 0.125	0.25 0.125 0.062	150	0.125 0.25 0.125	35.6 -10.4	0.554	0.139
131	G00B.037.012de	0.125 0.25 0.125	0.25 0.125 0.062	150	0.124 0.25 0.125	35.6 -10.4	0.271	0.000
132	G00B.050.012de	0.125 0.25 0.125	0.375 0.25 0.062	120	0.124 0.296 0.375	38.7 -4.8	0.262	0.000
133	G00B.062.012de	0.125 0.25 0.125	0.5 0.375 0.062	120	0.124 0.315 0.5	41.3 -5.1	0.183	0.003
134	G00B.087.012de	0.125 0.25 0.125	0.625 0.5 0.375	120	0.124 0.342 0.625	42.7 -4.8	0.145	0.000
135	G00B.100.012de	0.125 0.25 0.125	0.75 0.625 0.437	120	0.125 0.369 0.75	44.7 -4.5	0.106	0.000
136	Y00C.037.037de	0.125 0.25 0.125	0.375 0.375 0.187	289	0.005 0.375 0.187	25.2 6.0	0.306	0.875
137	Y00C.050.050de	0.125 0.25 0.125	0.5 0.5 0.25	284	0.0038 0.5 0.25	28.9 6.1	0.524	0.662
138	Y00C.062.062de	0.125 0.25 0.125	0.625 0.5 0.375	281	0.0072 0.625 0.312	28.9 6.1	0.785	0.499
139	Y00C.087.075de	0.125 0.25 0.125	0.75 0.625 0.437	279	0.0106 0.75 0.375	32.4 6.7	0.871	0.411
140	Y00C.100.087de	0.125 0.25 0.125	0.875 0.75 0.5	277	0.0135 0.875 0.437	34.0 6.7	0.959	0.361
141	G00B.025.012de	0.125 0.25 0.125	0.25 0.125 0.062	150	0.125 0.25 0.125	35.6 -10.4	0.554	0.139
142	G00B.037.012de	0.125 0.25 0.125	0.25 0.125 0.062	150	0.124 0.25 0.125	35.6 -10.4	0.271	0.000
143	G00B.050.012de	0.125 0.25 0.125	0.375 0.25 0.062	120	0.124 0.296 0.375	38.7 -4.8	0.262	0.000
144	G00B.062.012de	0.125 0.25 0.125	0.5 0.375 0.062	120	0.124 0.315 0.5	41.3 -5.1	0.183	0.003
145	G00B.087.012de	0.125 0.25 0.125	0.625 0.5 0.375	120	0.124 0.342 0.625	42.7 -4.8	0.145	0.000
146	G00B.100.012de	0.125 0.25 0.125	0.75 0.625 0.437	120	0.125 0.369 0.75	44.7 -4.5	0.106	0.000
147	G00B.025.012de	0.125 0.25 0.125	0.25 0.125 0.062	150	0.125 0.25 0.125	35.6 -10.4	0.554	0.139
148	G00B.037.012de	0.125 0.25 0.125	0.25 0.125 0.062	150	0.124 0.25 0.125	35.6 -10.4	0.271	0.000
149	G00B.050.012de	0.125 0.25 0.125	0.375 0.25 0.062	120	0.124 0.296 0.375	38.7 -4.8	0.262	0.000
150	G00B.062.012de	0.125 0.25 0.125	0.5 0.375 0.062	120	0.124 0.315 0.5	41.3 -5.1	0.183	0.003
151	G00B.087.012de	0.125 0.25 0.125	0.625 0.5 0.375	120	0.124 0.342 0.625	42.7 -4.8	0.145	0.000
152	G00B.100.012de	0.125 0.25 0.125	0.75 0.625 0.437	120	0.125 0.369 0.75	44.7 -4.5	0.106	0.000
153	Y00C.037.037de	0.125 0.25 0.125	0.375 0.375 0.187	289	0.005 0.375 0.187	25.2 6.0	0.306	0.875
154	Y00C.050.050de	0.125 0.25 0.125	0.5 0.5 0.25	284	0.0038 0.5 0.25	28.9 6.1	0.524	0.662
155	Y00C.062.062de	0.125 0.25 0.125	0.625 0.5 0.375	281	0.0072 0.625 0.312	28.9 6.1	0.785	0.499
156	Y00C.087.075de	0.125 0.25 0.125	0.75 0.625 0.437	279	0.0106 0.75 0.375	32.4 6.7	0.871	0.411
157	Y00C.100.087de	0.125 0.25 0.125	0.875 0.75 0.5	277	0.0135 0.875 0.437	34.0 6.7	0.959	0.361
158	G00B.025.012de	0.125 0.25 0.125	0.25 0.125 0.062	150	0.125 0.25 0.125	35.6 -10.4	0.554	0.139
159	G00B.037.012de	0.125 0.25 0.125	0.25 0.125 0.062	150	0.124 0.25 0.125	35.6 -10.4	0.271	0.000
160	G00B.050.012de	0.125 0.25 0.125	0.375 0.25 0.062	120	0.124 0.296 0.375	38.7 -4.8	0.262	0.000
161	G00B.062.012de	0.125 0.25 0.125	0.5 0.375 0.062	120	0.124 0.315 0.5	41.3 -5.1	0.183	0.003

QF690-7N, 21/33-F

graphique TUB-QF69; code de teinte: H*e=Y75Ge
couleurs et différences, ΔE**

entrée : rgb/cmyk -> rgbde
sortie : linéarisation 3D selon cmyk*de

n	H* _{Ch} *Fide	rgb_Fide	icr_Fide	hsa_Fide	rgb*Fide	LabCh*Fide	cmyk*_sep_Fide	cmyn*_sep_Fide	delta	hsa*de	rgb*de	LabCh*de
243	R00Y.037.037de	0.375 0.0 0.125	0.375 0.375 0.187	390	0.375 0.0 0.098	32.7 21.0 0.0	23.2 25.4 0.0	0.729 0.525 0.651	62.1 25.4 62.1	375 354 375	1.0 0.0 0.263	47.5 56.0 26.7
244	R10Y.037.037de	0.375 0.0 0.125	0.375 0.375 0.187	391	0.375 0.0 0.22	32.8 21.9 0.0	23.2 25.4 0.0	0.729 0.525 0.651	62.1 25.4 62.1	375 354 375	1.0 0.0 0.263	47.5 56.0 26.7
245	R20Y.037.037de	0.375 0.0 0.125	0.375 0.375 0.187	392	0.375 0.0 0.33	32.9 22.8 0.0	23.2 25.4 0.0	0.729 0.525 0.651	62.1 25.4 62.1	375 354 375	1.0 0.0 0.263	47.5 56.0 26.7
246	R30Y.037.037de	0.375 0.0 0.125	0.375 0.375 0.187	393	0.375 0.0 0.44	33.0 23.7 0.0	23.2 25.4 0.0	0.729 0.525 0.651	62.1 25.4 62.1	375 354 375	1.0 0.0 0.263	47.5 56.0 26.7
247	R40Y.037.037de	0.375 0.0 0.125	0.375 0.375 0.187	394	0.375 0.0 0.55	33.1 24.6 0.0	23.2 25.4 0.0	0.729 0.525 0.651	62.1 25.4 62.1	375 354 375	1.0 0.0 0.263	47.5 56.0 26.7
248	R50Y.037.037de	0.375 0.0 0.125	0.375 0.375 0.187	395	0.375 0.0 0.66	33.2 25.5 0.0	23.2 25.4 0.0	0.729 0.525 0.651	62.1 25.4 62.1	375 354 375	1.0 0.0 0.263	47.5 56.0 26.7
249	R60Y.037.037de	0.375 0.0 0.125	0.375 0.375 0.187	396	0.375 0.0 0.77	33.3 26.4 0.0	23.2 25.4 0.0	0.729 0.525 0.651	62.1 25.4 62.1	375 354 375	1.0 0.0 0.263	47.5 56.0 26.7
250	R70Y.037.037de	0.375 0.0 0.125	0.375 0.375 0.187	397	0.375 0.0 0.88	33.4 27.3 0.0	23.2 25.4 0.0	0.729 0.525 0.651	62.1 25.4 62.1	375 354 375	1.0 0.0 0.263	47.5 56.0 26.7
251	R80Y.037.037de	0.375 0.0 0.125	0.375 0.375 0.187	398	0.375 0.0 0.99	33.5 28.2 0.0	23.2 25.4 0.0	0.729 0.525 0.651	62.1 25.4 62.1	375 354 375	1.0 0.0 0.263	47.5 56.0 26.7
252	R90Y.037.037de	0.375 0.0 0.125	0.375 0.375 0.187	399	0.375 0.0 1.10	33.6 29.1 0.0	23.2 25.4 0.0	0.729 0.525 0.651	62.1 25.4 62.1	375 354 375	1.0 0.0 0.263	47.5 56.0 26.7
253	R00Y.037.037de	0.375 0.125 0.125	0.375 0.375 0.187	400	0.375 0.125 0.125	33.7 30.0 0.0	23.2 25.4 0.0	0.729 0.525 0.651	62.1 25.4 62.1	375 354 375	1.0 0.0 0.263	47.5 56.0 26.7
254	R10Y.037.037de	0.375 0.125 0.125	0.375 0.375 0.187	401	0.375 0.125 0.23	33.8 30.9 0.0	23.2 25.4 0.0	0.729 0.525 0.651	62.1 25.4 62.1	375 354 375	1.0 0.0 0.263	47.5 56.0 26.7
255	R20Y.037.037de	0.375 0.125 0.125	0.375 0.375 0.187	402	0.375 0.125 0.34	33.9 31.8 0.0	23.2 25.4 0.0	0.729 0.525 0.651	62.1 25.4 62.1	375 354 375	1.0 0.0 0.263	47.5 56.0 26.7
256	R30Y.037.037de	0.375 0.125 0.125	0.375 0.375 0.187	403	0.375 0.125 0.45	34.0 32.7 0.0	23.2 25.4 0.0	0.729 0.525 0.651	62.1 25.4 62.1	375 354 375	1.0 0.0 0.263	47.5 56.0 26.7
257	R40Y.037.037de	0.375 0.125 0.125	0.375 0.375 0.187	404	0.375 0.125 0.56	34.1 33.6 0.0	23.2 25.4 0.0	0.729 0.525 0.651	62.1 25.4 62.1	375 354 375	1.0 0.0 0.263	47.5 56.0 26.7
258	R50Y.037.037de	0.375 0.125 0.125	0.375 0.375 0.187	405	0.375 0.125 0.67	34.2 34.5 0.0	23.2 25.4 0.0	0.729 0.525 0.651	62.1 25.4 62.1	375 354 375	1.0 0.0 0.263	47.5 56.0 26.7
259	R60Y.037.037de	0.375 0.125 0.125	0.375 0.375 0.187	406	0.375 0.125 0.78	34.3 35.4 0.0	23.2 25.4 0.0	0.729 0.525 0.651	62.1 25.4 62.1	375 354 375	1.0 0.0 0.263	47.5 56.0 26.7
260	R70Y.037.037de	0.375 0.125 0.125	0.375 0.375 0.187	407	0.375 0.125 0.89	34.4 36.3 0.0	23.2 25.4 0.0	0.729 0.525 0.651	62.1 25.4 62.1	375 354 375	1.0 0.0 0.263	47.5 56.0 26.7
261	R80Y.037.037de	0.375 0.125 0.125	0.375 0.375 0.187	408	0.375 0.125 1.00	34.5 37.2 0.0	23.2 25.4 0.0	0.729 0.525 0.651	62.1 25.4 62.1	375 354 375	1.0 0.0 0.263	47.5 56.0 26.7
262	R90Y.037.037de	0.375 0.125 0.125	0.375 0.375 0.187	409	0.375 0.125 1.11	34.6 38.1 0.0	23.2 25.4 0.0	0.729 0.525 0.651	62.1 25.4 62.1	375 354 375	1.0 0.0 0.263	47.5 56.0 26.7
263	R00Y.037.037de	0.375 0.25 0.125	0.375 0.375 0.187	410	0.375 0.25 0.125	34.7 39.0 0.0	23.2 25.4 0.0	0.729 0.525 0.651	62.1 25.4 62.1	375 354 375	1.0 0.0 0.263	47.5 56.0 26.7
264	R10Y.037.037de	0.375 0.25 0.125	0.375 0.375 0.187	411	0.375 0.25 0.23	34.8 39.9 0.0	23.2 25.4 0.0	0.729 0.525 0.651	62.1 25.4 62.1	375 354 375	1.0 0.0 0.263	47.5 56.0 26.7
265	R20Y.037.037de	0.375 0.25 0.125	0.375 0.375 0.187	412	0.375 0.25 0.34	34.9 40.8 0.0	23.2 25.4 0.0	0.729 0.525 0.651	62.1 25.4 62.1	375 354 375	1.0 0.0 0.263	47.5 56.0 26.7
266	R30Y.037.037de	0.375 0.25 0.125	0.375 0.375 0.187	413	0.375 0.25 0.45	35.0 41.7 0.0	23.2 25.4 0.0	0.729 0.525 0.651	62.1 25.4 62.1	375 354 375	1.0 0.0 0.263	47.5 56.0 26.7
267	R40Y.037.037de	0.375 0.25 0.125	0.375 0.375 0.187	414	0.375 0.25 0.56	35.1 42.6 0.0	23.2 25.4 0.0	0.729 0.525 0.651	62.1 25.4 62.1	375 354 375	1.0 0.0 0.263	47.5 56.0 26.7
268	R50Y.037.037de	0.375 0.25 0.125	0.375 0.375 0.187	415	0.375 0.25 0.67	35.2 43.5 0.0	23.2 25.4 0.0	0.729 0.525 0.651	62.1 25.4 62.1	375 354 375	1.0 0.0 0.263	47.5 56.0 26.7
269	R60Y.037.037de	0.375 0.25 0.125	0.375 0.375 0.187	416	0.375 0.25 0.78	35.3 44.4 0.0	23.2 25.4 0.0	0.729 0.525 0.651	62.1 25.4 62.1	375 354 375	1.0 0.0 0.263	47.5 56.0 26.7
270	R70Y.037.037de	0.375 0.25 0.125	0.375 0.375 0.187	417	0.375 0.25 0.89	35.4 45.3 0.0	23.2 25.4 0.0	0.729 0.525 0.651	62.1 25.4 62.1	375 354 375	1.0 0.0 0.263	47.5 56.0 26.7
271	R80Y.037.037de	0.375 0.25 0.125	0.375 0.375 0.187	418	0.375 0.25 1.00	35.5 46.2 0.0	23.2 25.4 0.0	0.729 0.525 0.651	62.1 25.4 62.1	375 354 375	1.0 0.0 0.263	47.5 56.0 26.7
272	R90Y.037.037de	0.375 0.25 0.125	0.375 0.375 0.187	419	0.375 0.25 1.11	35.6 47.1 0.0	23.2 25.4 0.0	0.729 0.525 0.651	62.1 25.4 62.1	375 354 375	1.0 0.0 0.263	47.5 56.0 26.7
273	R00Y.037.037de	0.375 0.375 0.125	0.375 0.375 0.187	420	0.375 0.375 0.125	35.7 48.0 0.0	23.2 25.4 0.0	0.729 0.525 0.651	62.1 25.4 62.1	375 354 375	1.0 0.0 0.263	47.5 56.0 26.7
274	R10Y.037.037de	0.375 0.375 0.125	0.375 0.375 0.187	421	0.375 0.375 0.23	35.8 48.9 0.0	23.2 25.4 0.0	0.729 0.525 0.651	62.1 25.4 62.1	375 354 375	1.0 0.0 0.263	47.5 56.0 26.7
275	R20Y.037.037de	0.375 0.375 0.125	0.375 0.375 0.187	422	0.375 0.375 0.34	35.9 49.8 0.0	23.2 25.4 0.0	0.729 0.525 0.651	62.1 25.4 62.1	375 354 375	1.0 0.0 0.263	47.5 56.0 26.7
276	R30Y.037.037de	0.375 0.375 0.125	0.375 0.375 0.187	423	0.375 0.375 0.45	36.0 50.7 0.0	23.2 25.4 0.0	0.729 0.525 0.651	62.1 25.4 62.1	375 354 375	1.0 0.0 0.263	47.5 56.0 26.7
277	R40Y.037.037de	0.375 0.375 0.125	0.375 0.375 0.187	424	0.375 0.375 0.56	36.1 51.6 0.0	23.2 25.4 0.0	0.729 0.525 0.651	62.1 25.4 62.1	375 354 375	1.0 0.0 0.263	47.5 56.0 26.7
278	R50Y.037.037de	0.375 0.375 0.125	0.375 0.375 0.187	425	0.375 0.375 0.67	36.2 52.5 0.0	23.2 25.4 0.0	0.729 0.525 0.651	62.1 25.4 62.1	375 354 375	1.0 0.0 0.263	47.5 56.0 26.7
279	R60Y.037.037de	0.375 0.375 0.125	0.375 0.375 0.187	426	0.375 0.375 0.78	36.3 53.4 0.0	23.2 25.4 0.0	0.729 0.525 0.651	62.1 25.4 62.1	375 354 375	1.0 0.0 0.263	47.5 56.0 26.7
280	R70Y.037.037de	0.375 0.375 0.125	0.375 0.375 0.187	427	0.375 0.375 0.89	36.4 54.3 0.0	23.2 25.4 0.0	0.729 0.525 0.651	62.1 25.4 62.1	375 354 375	1.0 0.0 0.263	47.5 56.0 26.7
281	R80Y.037.037de	0.375 0.375 0.125	0.375 0.375 0.187	428	0.375 0.375 1.00	36.5 55.2 0.0	23.2 25.4 0.0	0.729 0.525 0.651	62.1 25.4 62.1	375 354 375	1.0 0.0 0.263	47.5 56.0 26.7
282	R90Y.037.037de	0.375 0.375 0.125	0.375 0.375 0.187	429	0.375 0.375 1.11	36.6 56.1 0.0	23.2 25.4 0.0	0.729 0.525 0.651	62.1 25.4 62.1	375 354 375	1.0 0.0 0.263	47.5 56.0 26.7
283	R00Y.037.037de	0.375 0.5 0.375	0.375 0.375 0.187	430	0.375 0.5 0.375	36.7 57.0 0.0	23.2 25.4 0.0	0.729 0.525 0.651	62.1 25.4 62.1	375 354 375	1.0 0.0 0.263	47.5 56.0 26.7
284	R10Y.037.037de	0.375 0.5 0.375	0.375 0.375 0.187	431	0.375 0.5 0.48	36.8 57.9 0.0	23.2 25.4 0.0	0.729 0.525 0.651	62.1 25.4 62.1	375 354 375	1.0 0.0 0.263	47.5 56.0 26.7
285	R20Y.037.037de	0.375 0.5 0.375	0.375 0.375 0.187	432	0.375 0.5 0.59	36.9 58.8 0.0	23.2 25.4 0.0	0.729 0.525 0.651	62.1 25.4 62.1	375 354 375	1.0 0.0 0.263	47.5 56.0 26.7
286	R30Y.037.037de	0.375 0.5 0.375	0.375 0.375 0.187	433	0.375 0.5 0.70	37.0 59.7 0.0	23.2 25.4 0.0	0.729 0.525 0.651	62.1 25.4 62.1	375 354 375	1.0 0.0 0.263	47.5 56.0 26.7
287	R40Y.037.037de	0.375 0.5 0.375	0.375 0.375 0.187	434	0.375 0.5 0.81	37.1 60.6 0.0	23.2 25.4 0.0	0.729 0.525 0.651	62.1 25.4 62.1	375 354 375	1.0 0.0 0.263	47.5 56.0 26.7
288	R50Y.037.037de	0.375 0.5 0.375	0.375 0.375 0.187	435	0.375 0.5 0.92	37.2 61.5 0.0	23.2 25.4 0.0	0.729 0.525 0.651	62.1 25.4 62.1	375 354 375	1.0 0.0 0.263	47.5 56.0 26.7
289	R60Y.037.037de	0.375 0.5 0.375	0.375 0.375 0.187	436	0.375 0.5 1.03	37.3 62.4 0.0	23.2 25.4 0.0	0.729 0.525 0.651	62.1 25.4 62.1	375 354 375	1.0 0.0 0.263	47.5 56.0 26.7
290	R70Y.037.037de	0.375 0.625 0.125	0.375 0.375 0.187	437	0.375 0.625 0.125	37.4 63.3 0.0	23.2 25.4 0.0	0.729 0.525 0.651	62.1 25.4 62.1	375 354 375	1.0 0.0 0.263	47.5 56.0 26.7
291	R80Y.037.037de	0.375 0.625 0.125	0.375 0.375 0.187	438	0.375 0.625 0.23	37.5 64.2 0.0	23.2 25.4 0.0	0.729 0.525 0.651	62.1 25.4 62.1	375 354 375	1.0 0.0 0.263	47.5 56.0 26.7
292	R90Y.037.037de	0.375 0.625 0.125	0.375 0.375 0.187	439	0.375 0.625 0.34	37.6 65.1 0.0	23.2 25.4 0.0	0.729 0.525 0.651	62.1 25.4 62.1	375 354 375	1.0 0.0 0.263	47.5 56.0 26.7
293	G25B.062.037de	0.375 0.625 0.375	0.375 0.625 0.375	440	0.375 0.625 0.375	37.7 66.0 0.0	23.2 25.4 0.0	0.729 0.525 0.651	62.1 25.4 62.1	375 354 375	1.0 0.0 0.263	47.5 56.0 26.7
294	G35B.062.037de	0.375 0.625 0.375	0.375 0.625 0.375	441	0.375 0.625 0.48	37.8 66.9 0.0	23.2 25.4 0.0	0.729 0.525 0.651	62.1 25.4 62.1	375 354 375	1.0 0.0 0.263	47.5 56.0 26.7
295	G45B.062.037de	0.375 0.625 0.375										

voir fichiers similaires: <http://130.149.60.45/~farbmetrik/QF69/QF69.HTM>
 informations techniques: <http://www.ps.bam.de> ou <http://130.149.60.45/~farbmetrik>

<http://130.149.60.45/~farbmatrik/QF69/QF69L0FP.PDF> /PS; linéarisation 3D F: linéarisation 3D QF69/QF69L30FP.DAT dans fichier (F), page 24/33

graphique TUB-QF69; code de teinte: H_e^{*}=Y75G_e

entrée : $rgb/cmyk \rightarrow rgb_{de}$
 sortie : linéarisation 3D selon $cmyk^*_{de}$

[illegible]

n	HC*Fide	rgb_Fide	icr_Fide	hsa_Fide	rgb_Fide	LabCh*Fide	cmyk*_sep_Fide	delta	hsa_Mde	rgb_Mde	LabCh*_Mde			
486	R00Y_075_075de	0.75	0.0	0.75	0.75	41.6	0.0	0.884	375	1.0	0.263	47.5	56.0	25.4
487	R35Y_075_075de	0.75	0.125	0.75	0.75	43.0	0.0	0.882	365	1.0	0.0423	47.5	56.0	15.4
488	R18Y_075_075de	0.75	0.0	0.75	0.75	41.6	0.0	0.882	354	1.0	0.0	0.588	47.5	61.2
489	R00Y_075_075de	0.75	0.0	0.75	0.75	41.6	0.0	0.858	339	1.0	0.0	0.588	47.5	61.2
490	B65R_075_075de	0.75	0.0	0.75	0.75	41.6	0.0	0.853	327	1.0	0.0	0.853	47.5	61.2
491	B57R_075_075de	0.75	0.0	0.75	0.75	41.6	0.0	0.854	314	1.0	0.0	0.854	47.5	61.2
492	B50R_075_075de	0.75	0.0	0.75	0.75	41.6	0.0	0.854	305	1.0	0.0	0.854	47.5	61.2
493	B43R_075_075de	0.75	0.0	0.75	0.75	41.6	0.0	0.854	295	1.0	0.0	0.854	47.5	61.2
494	B38R_100_100de	0.75	0.0	1.0	0.5	31.6	0.0	0.854	289	1.0	0.0	0.854	47.5	61.2
495	R15Y_075_075de	0.75	0.125	0.75	0.75	41.6	0.0	0.873	31	1.0	0.028	47.5	56.0	35.5
496	R00Y_075_075de	0.75	0.0	0.75	0.75	41.6	0.0	0.873	375	1.0	0.0	0.263	47.5	56.0
497	R35Y_075_075de	0.75	0.125	0.75	0.75	43.0	0.0	0.873	365	1.0	0.0	0.0423	47.5	56.0
498	R18Y_075_075de	0.75	0.0	0.75	0.75	41.6	0.0	0.873	354	1.0	0.0	0.588	47.5	61.2
499	R00Y_075_075de	0.75	0.0	0.75	0.75	41.6	0.0	0.873	339	1.0	0.0	0.588	47.5	61.2
500	B65R_075_075de	0.75	0.0	0.75	0.75	41.6	0.0	0.873	327	1.0	0.0	0.873	47.5	61.2
501	B57R_075_075de	0.75	0.0	0.75	0.75	41.6	0.0	0.873	316	1.0	0.0	0.873	47.5	61.2
502	B50R_075_075de	0.75	0.0	0.75	0.75	41.6	0.0	0.873	305	1.0	0.0	0.873	47.5	61.2
503	B43R_075_075de	0.75	0.0	0.75	0.75	41.6	0.0	0.873	294	1.0	0.0	0.873	47.5	61.2
504	B38R_100_100de	0.75	0.0	1.0	0.5	31.6	0.0	0.873	288	1.0	0.0	0.873	47.5	61.2
505	R15Y_075_075de	0.75	0.125	0.75	0.75	41.6	0.0	0.873	39	1.0	0.028	47.5	56.0	35.5
506	R00Y_075_075de	0.75	0.0	0.75	0.75	41.6	0.0	0.873	33	1.0	0.0	0.263	47.5	56.0
507	R35Y_075_075de	0.75	0.125	0.75	0.75	43.0	0.0	0.873	365	1.0	0.0	0.0423	47.5	56.0
508	R18Y_075_075de	0.75	0.0	0.75	0.75	41.6	0.0	0.873	354	1.0	0.0	0.588	47.5	61.2
509	R00Y_075_075de	0.75	0.0	0.75	0.75	41.6	0.0	0.873	339	1.0	0.0	0.588	47.5	61.2
510	B65R_075_075de	0.75	0.0	0.75	0.75	41.6	0.0	0.873	320	1.0	0.0	0.873	47.5	61.2
511	B57R_075_075de	0.75	0.0	0.75	0.75	41.6	0.0	0.873	305	1.0	0.0	0.873	47.5	61.2
512	B50R_075_075de	0.75	0.0	0.75	0.75	41.6	0.0	0.873	292	1.0	0.0	0.873	47.5	61.2
513	B43R_075_075de	0.75	0.0	0.75	0.75	41.6	0.0	0.873	286	1.0	0.0	0.873	47.5	61.2
514	B38R_100_100de	0.75	0.0	1.0	0.5	31.6	0.0	0.873	48	1.0	0.0	0.873	47.5	61.2
515	R15Y_075_075de	0.75	0.125	0.75	0.75	41.6	0.0	0.873	35	1.0	0.028	47.5	56.0	35.5
516	R00Y_075_075de	0.75	0.0	0.75	0.75	41.6	0.0	0.873	375	1.0	0.0	0.263	47.5	56.0
517	R35Y_075_075de	0.75	0.125	0.75	0.75	43.0	0.0	0.873	365	1.0	0.0	0.0423	47.5	56.0
518	R18Y_075_075de	0.75	0.0	0.75	0.75	41.6	0.0	0.873	354	1.0	0.0	0.588	47.5	61.2
519	R00Y_075_075de	0.75	0.0	0.75	0.75	41.6	0.0	0.873	339	1.0	0.0	0.588	47.5	61.2
520	B65R_075_075de	0.75	0.0	0.75	0.75	41.6	0.0	0.873	327	1.0	0.0	0.873	47.5	61.2
521	B57R_075_075de	0.75	0.0	0.75	0.75	41.6	0.0	0.873	305	1.0	0.0	0.873	47.5	61.2
522	B50R_075_075de	0.75	0.0	0.75	0.75	41.6	0.0	0.873	289	1.0	0.0	0.873	47.5	61.2
523	B43R_075_075de	0.75	0.0	0.75	0.75	41.6	0.0	0.873	286	1.0	0.0	0.873	47.5	61.2
524	B38R_100_100de	0.75	0.0	1.0	0.5	31.6	0.0	0.873	48	1.0	0.0	0.873	47.5	61.2
525	R15Y_075_075de	0.75	0.125	0.75	0.75	41.6	0.0	0.873	39	1.0	0.028	47.5	56.0	35.5
526	R00Y_075_075de	0.75	0.0	0.75	0.75	41.6	0.0	0.873	375	1.0	0.0	0.263	47.5	56.0
527	R35Y_075_075de	0.75	0.125	0.75	0.75	43.0	0.0	0.873	365	1.0	0.0	0.0423	47.5	56.0
528	R18Y_075_075de	0.75	0.0	0.75	0.75	41.6	0.0	0.873	354	1.0	0.0	0.588	47.5	61.2
529	R00Y_075_075de	0.75	0.0	0.75	0.75	41.6	0.0	0.873	339	1.0	0.0	0.588	47.5	61.2
530	B65R_075_075de	0.75	0.0	0.75	0.75	41.6	0.0	0.873	327	1.0	0.0	0.873	47.5	61.2
531	B57R_075_075de	0.75	0.0	0.75	0.75	41.6	0.0	0.873	305	1.0	0.0	0.873	47.5	61.2
532	B50R_075_075de	0.75	0.0	0.75	0.75	41.6	0.0	0.873	289	1.0	0.0	0.873	47.5	61.2
533	B43R_075_075de	0.75	0.0	0.75	0.75	41.6	0.0	0.873	286	1.0	0.0	0.873	47.5	61.2
534	B38R_100_100de	0.75	0.0	1.0	0.5	31.6	0.0	0.873	48	1.0	0.0	0.873	47.5	61.2
535	R15Y_075_075de	0.75	0.125	0.75	0.75	41.6	0.0	0.873	39	1.0	0.028	47.5	56.0	35.5
536	R00Y_075_075de	0.75	0.0	0.75	0.75	41.6	0.0	0.873	375	1.0	0.0	0.263	47.5	56.0
537	R35Y_075_075de	0.75	0.125	0.75	0.75	43.0	0.0	0.873	365	1.0	0.0	0.0423	47.5	56.0
538	R18Y_075_075de	0.75	0.0	0.75	0.75	41.6	0.0	0.873	354	1.0	0.0	0.588	47.5	61.2
539	R00Y_075_075de	0.75	0.0	0.75	0.75	41.6	0.0	0.873	339	1.0	0.0	0.588	47.5	61.2
540	B65R_075_075de	0.75	0.0	0.75	0.75	41.6	0.0	0.873	327	1.0	0.0	0.873	47.5	61.2
541	B57R_075_075de	0.75	0.0	0.75	0.75	41.6	0.0	0.873	305	1.0	0.0	0.873	47.5	61.2
542	B50R_075_075de	0.75	0.0	0.75	0.75	41.6	0.0	0.873	289	1.0	0.0	0.873	47.5	61.2
543	B43R_075_075de	0.75	0.0	0.75	0.75	41.6	0.0	0.873	286	1.0	0.0	0.873	47.5	61.2
544	B38R_100_100de	0.75	0.0	1.0	0.5	31.6	0.0	0.873	48	1.0	0.0	0.873	47.5	61.2
545	R15Y_075_075de	0.75	0.125	0.75	0.75	41.6	0.0	0.873	39	1.0	0.028	47.5	56.0	35.5
546	R00Y_075_075de	0.75	0.0	0.75	0.75	41.6	0.0	0.873	375	1.0	0.0	0.263	47.5	56.0
547	R35Y_075_075de	0.75	0.125	0.75	0.75	43.0	0.0	0.873	365	1.0	0.0	0.0423	47.5	56.0
548	R18Y_075_075de	0.75	0.0	0.75	0.75	41.6	0.0	0.873	354	1.0	0.0	0.588	47.5	61.2
549	R00Y_075_075de	0.75	0.0	0.75	0.75	41.6	0.0	0.873	339	1.0	0.0	0.588	47.5	61.2
550	B65R_075_075de	0.75	0.0	0.75	0.75	41.6	0.0	0.873	327	1.0	0.0	0.873	47.5	61.2
551	B57R_075_075de	0.75	0.0	0.75	0.75	41.6	0.0	0.873	305	1.0	0.0	0.873	47.5	61.2
552	B50R_075_075de	0.75	0.0	0.75	0.75	41.6	0.0	0.873	289	1.0	0.0	0.873	47.5	61.2
553	B43R_075_075de	0.75	0.0	0.75	0.75	41.6	0.0	0.873	286	1.0	0.0	0.873	47.5	61.2
554	B38R_100_100de	0.75	0.0	1.0	0.5	31.6	0.0	0.873	48	1.0	0.0	0.873	47.5	61.2
555	R15Y_075_075de	0.75	0.125	0.75	0.75	41.6	0.0	0.873	39	1.0	0.028	47.5	56.0	35.5
556	R00Y_075_075de	0.75	0.0	0.75	0.75	41.6	0.0	0.873	375	1.0	0.0	0.263	47.5	56.0
557	R35Y_075_075de	0.75	0.125	0.75	0.75	4								

n	HC*File	rgb*File	icL*File	hsa*File	rgb*File	LabCh*File	cmyk*sep*File	delta	delta
567	R00Y.087.087de	0.875 0.0 0.125	0.875 0.875 0.437	390	0.875 0.0 0.23	44.5 49.0	0.928	0.7	0.147
568	R36Y.087.087de	0.875 0.0 0.125	0.875 0.875 0.437	382	0.875 0.0 0.357	44.5 50.0	0.927	0.568	0.148
569	R20Y.087.087de	0.875 0.0 0.125	0.875 0.875 0.437	374	0.875 0.0 0.608	44.5 52.4	0.903	0.446	0.148
570	R00Y.087.087de	0.875 0.0 0.375	0.875 0.875 0.437	365	0.875 0.0 0.608	45.6 55.4	0.903	0.289	0.151
571	B70K.087.087de	0.875 0.0 0.875	0.875 0.875 0.437	355	0.875 0.0 0.716	46.2 57.2	0.903	0.196	0.149
572	B63K.087.087de	0.875 0.0 0.625	0.875 0.875 0.437	346	0.875 0.0 0.875	46.2 57.2	0.903	0.004	0.25
573	B56K.087.087de	0.875 0.0 0.875	0.875 0.875 0.437	338	0.875 0.0 0.875	46.2 57.2	0.903	0.004	0.25
574	B50K.087.087de	0.875 0.0 0.875	0.875 0.875 0.437	330	0.875 0.0 0.875	46.2 57.2	0.903	0.004	0.25
575	B44K.100.100de	0.875 0.0 1.0	0.875 0.875 0.437	323	0.875 0.0 1.0	46.2 57.2	0.903	0.004	0.25
576	R13Y.087.087de	0.875 0.125 0.125	0.875 0.875 0.437	38	0.875 0.011 0.0	45.0 49.8	0.93	0.141	0.141
577	R00Y.087.075de	0.875 0.125 0.125	0.875 0.875 0.437	390	0.875 0.125 0.322	50.6 42.0	0.778	0.527	0.16
578	R33Y.087.075de	0.875 0.125 0.125	0.875 0.875 0.437	381	0.875 0.125 0.42	50.6 42.0	0.774	0.416	0.167
579	R18Y.087.075de	0.875 0.125 0.375	0.875 0.875 0.437	371	0.875 0.125 0.566	50.6 42.0	0.769	0.298	0.167
580	R00Y.087.075de	0.875 0.125 0.375	0.875 0.875 0.437	360	0.875 0.125 0.745	52.0 49.1	0.764	0.148	0.163
581	B65K.087.075de	0.875 0.125 0.625	0.875 0.875 0.437	349	0.875 0.125 0.875	52.0 49.1	0.756	0.054	0.215
582	B57K.087.075de	0.875 0.125 0.625	0.875 0.875 0.437	339	0.875 0.125 0.875	52.0 49.1	0.756	0.054	0.215
583	B43K.100.075de	0.875 0.125 0.875	0.875 0.875 0.437	330	0.875 0.125 0.875	52.0 49.1	0.756	0.054	0.215
584	B34K.100.075de	0.875 0.125 1.0	0.875 0.875 0.437	322	0.875 0.125 1.0	52.0 49.1	0.756	0.054	0.215
585	R15Y.087.075de	0.875 0.25 0.0	0.875 0.875 0.437	46	0.875 0.12 0.0	43.2 35.7	0.76	0.149	0.149
586	R15Y.087.075de	0.875 0.25 0.125	0.875 0.875 0.437	39	0.875 0.12 0.125	51.4 42.5	0.792	0.156	0.156
587	R00Y.087.062de	0.875 0.25 0.375	0.875 0.875 0.437	390	0.875 0.25 0.375	51.4 42.5	0.789	0.093	0.141
588	R31Y.087.062de	0.875 0.25 0.375	0.875 0.875 0.437	379	0.875 0.25 0.534	56.7 36.4	0.767	0.046	0.144
589	R11Y.087.062de	0.875 0.25 0.625	0.875 0.875 0.437	369	0.875 0.25 0.662	57.1 39.1	0.664	0.024	0.154
590	B60K.087.062de	0.875 0.25 0.625	0.875 0.875 0.437	353	0.875 0.25 0.812	57.1 39.1	0.657	0.012	0.156
591	B53K.087.062de	0.875 0.25 0.875	0.875 0.875 0.437	341	0.875 0.25 0.875	57.1 39.1	0.657	0.012	0.156
592	B46K.100.062de	0.875 0.25 1.0	0.875 0.875 0.437	329	0.875 0.25 1.0	57.1 39.1	0.657	0.012	0.156
593	R34Y.087.075de	0.875 0.375 0.0	0.875 0.875 0.437	55	0.875 0.25 0.0	54.2 36.1	0.711	0.096	0.154
594	R11Y.087.075de	0.875 0.375 0.125	0.875 0.875 0.437	49	0.875 0.25 0.125	55.9 36.8	0.711	0.096	0.154
595	R00Y.087.075de	0.875 0.375 0.125	0.875 0.875 0.437	40	0.875 0.25 0.125	58.0 35.0	0.729	0.093	0.141
596	R18Y.087.075de	0.875 0.375 0.375	0.875 0.875 0.437	390	0.875 0.375 0.506	62.7 28.0	0.679	0.082	0.137
597	R26Y.087.075de	0.875 0.375 0.375	0.875 0.875 0.437	376	0.875 0.375 0.625	63.8 29.7	0.531	0.261	0.142
598	R00Y.087.075de	0.875 0.375 0.625	0.875 0.875 0.437	360	0.875 0.375 0.788	63.8 29.7	0.531	0.261	0.142
599	B61K.087.075de	0.875 0.375 0.625	0.875 0.875 0.437	344	0.875 0.375 0.875	61.0 29.1	0.493	0.021	0.23
600	B50K.087.075de	0.875 0.375 0.875	0.875 0.875 0.437	330	0.875 0.375 0.875	61.0 29.1	0.493	0.021	0.23
601	B40K.100.075de	0.875 0.375 1.0	0.875 0.875 0.437	319	0.875 0.375 1.0	59.5 24.2	0.528	0.016	0.246
602	R58Y.087.075de	0.875 0.5 0.0	0.875 0.875 0.437	63	0.875 0.36 0.0	57.9 25.4	0.528	0.016	0.246
603	R58Y.087.075de	0.875 0.5 0.125	0.875 0.875 0.437	60	0.875 0.36 0.125	59.5 25.4	0.528	0.016	0.246
604	R50Y.087.075de	0.875 0.5 0.375	0.875 0.875 0.437	53	0.875 0.36 0.375	61.3 26.4	0.532	0.012	0.154
605	R23Y.087.075de	0.875 0.5 0.625	0.875 0.875 0.437	44	0.875 0.36 0.625	62.7 27.4	0.532	0.012	0.154
606	R00Y.087.075de	0.875 0.5 0.875	0.875 0.875 0.437	390	0.875 0.429 0.875	64.6 27.4	0.532	0.012	0.154
607	R18Y.087.075de	0.875 0.5 0.875	0.875 0.875 0.437	371	0.875 0.429 0.875	64.6 27.4	0.532	0.012	0.154
608	B65K.087.075de	0.875 0.5 0.875	0.875 0.875 0.437	349	0.875 0.5 0.72	68.8 23.6	0.437	0.012	0.154
609	B50K.087.075de	0.875 0.5 0.875	0.875 0.875 0.437	330	0.875 0.5 0.875	68.8 23.6	0.437	0.012	0.154
610	B38K.100.075de	0.875 0.5 1.0	0.875 0.875 0.437	316	0.875 0.5 0.875	65.3 17.5	0.437	0.012	0.154
611	R73Y.087.075de	0.875 0.5 0.75	0.875 0.875 0.437	71	0.875 0.447 0.0	65.3 17.5	0.437	0.012	0.154
612	R68Y.087.075de	0.875 0.5 0.75	0.875 0.875 0.437	67	0.875 0.447 0.0	65.3 17.5	0.437	0.012	0.154
613	R61Y.087.075de	0.875 0.5 0.625	0.875 0.875 0.437	60	0.875 0.447 0.0	65.3 17.5	0.437	0.012	0.154
614	R50Y.087.075de	0.875 0.5 0.625	0.875 0.875 0.437	53	0.875 0.447 0.0	65.3 17.5	0.437	0.012	0.154
615	R34Y.087.075de	0.875 0.5 0.625	0.875 0.875 0.437	49	0.875 0.447 0.0	65.3 17.5	0.437	0.012	0.154
616	R18Y.087.075de	0.875 0.5 0.625	0.875 0.875 0.437	390	0.875 0.447 0.0	65.3 17.5	0.437	0.012	0.154
617	R00Y.087.075de	0.875 0.5 0.625	0.875 0.875 0.437	379	0.875 0.447 0.0	65.3 17.5	0.437	0.012	0.154
618	B60K.087.075de	0.875 0.5 0.625	0.875 0.875 0.437	353	0.875 0.447 0.0	65.3 17.5	0.437	0.012	0.154
619	B53K.087.075de	0.875 0.5 0.625	0.875 0.875 0.437	341	0.875 0.447 0.0	65.3 17.5	0.437	0.012	0.154
620	B46K.100.075de	0.875 0.5 0.625	0.875 0.875 0.437	329	0.875 0.447 0.0	65.3 17.5	0.437	0.012	0.154
621	R61Y.087.075de	0.875 0.5 0.5	0.875 0.875 0.437	61	0.875 0.573 0.0	70.2 7.3	0.334	0.316	0.164
622	R53Y.087.075de	0.875 0.5 0.5	0.875 0.875 0.437	53	0.875 0.573 0.0	70.2 7.3	0.334	0.316	0.164
623	R46Y.087.075de	0.875 0.5 0.5	0.875 0.875 0.437	46	0.875 0.573 0.0	70.2 7.3	0.334	0.316	0.164
624	R34Y.087.075de	0.875 0.5 0.5	0.875 0.875 0.437	49	0.875 0.573 0.0	70.2 7.3	0.334	0.316	0.164
625	R18Y.087.075de	0.875 0.5 0.5	0.875 0.875 0.437	390	0.875 0.573 0.0	70.2 7.3	0.334	0.316	0.164
626	B60K.087.075de	0.875 0.5 0.5	0.875 0.875 0.437	353	0.875 0.573 0.0	70.2 7.3	0.334	0.316	0.164
627	B53K.087.075de	0.875 0.5 0.5	0.875 0.875 0.437	341	0.875 0.573 0.0	70.2 7.3	0.334	0.316	0.164
628	B46K.100.075de	0.875 0.5 0.5	0.875 0.875 0.437	329	0.875 0.573 0.0	70.2 7.3	0.334	0.316	0.164
629	R61Y.087.075de	0.875 0.5 0.5	0.875 0.875 0.437	61	0.875 0.573 0.0	70.2 7.3	0.334	0.316	0.164
630	R53Y.087.075de	0.875 0.5 0.5	0.875 0.875 0.437	53	0.875 0.573 0.0	70.2 7.3	0.334	0.316	0.164
631	R46Y.087.075de	0.875 0.5 0.5	0.875 0.875 0.437	46	0.875 0.573 0.0	70.2 7.3	0.334	0.316	0.164
632	R34Y.087.075de	0.875 0.5 0.5	0.875 0.875 0.437	49	0.875 0.573 0.0	70.2 7.3	0.334	0.316	0.164
633	R18Y.087.075de	0.875 0.5 0.5	0.875 0.875 0.437	390	0.875 0.573 0.0	70.2 7.3	0.334	0.316	0.164
634	B60K.087.075de	0.875 0.5 0.5	0.875 0.875 0.437	353	0.875 0.573 0.0	70.2 7.3	0.334	0.316	0.164
635	B53K.087.075de	0.875 0.5 0.5	0.875 0.875 0.437	341	0.875 0.573 0.0	70.2 7.3	0.334	0.316	0.164
636	B46K.100.075de	0.875 0.5 0.5	0.875 0.875 0.437	329	0.875 0.573 0.0	70.2 7.3	0.334	0.316	0.164
637	R61Y.087.075de	0.875 0.5 0.5	0.875 0.875 0.437	61	0.875 0.573 0.0	70.2 7.3	0.334	0.316	0.164
638	R53Y.087.075de	0.875 0.5 0.5	0.875 0.875 0.437	53	0.875 0.573 0.0	70.2 7.3	0.334	0.316	0.164
639	R46Y.087.075de	0.875 0.5 0.5	0.875 0.875 0.437	46	0.875 0.573 0.0	70.2 7.3	0.334	0.316	0.164
640	R34Y.087.075de	0.875 0.5 0.5	0.875 0.875 0.437	49	0.875 0.573 0.0	70.2 7.3	0.334	0.316	0.164
641	R18Y.087.075de	0.875 0.5 0.5	0.875 0.875 0.437	390	0.875 0.573 0.0	70.2 7.3	0.334	0.316	0.164
642	B60K.087.075de	0.875 0.5 0.5	0.875 0.875 0.437	353	0.875 0.573 0.0	70.2 7.3	0.334	0.316	0.164
643	B53K.087.075de	0.875 0.5 0.5	0.875 0.875 0.437	341	0.875 0.573 0.0	70.2 7.3	0.334	0.316	0.164
644	B46K.100.075de	0.875 0.5 0.5	0.875 0.875 0.437	329	0.875 0.573 0.0	70.2 7.3	0.334	0.316	0.164
645	R61Y.087.075de	0.875 0.5 0.5	0.875 0.875 0.437	61	0.875 0.573 0.0	70.2 7.3	0.334	0.316	0.164
646	R53Y.087.075de	0.875 0.5 0.5	0.875 0.875 0.437	53	0.875 0.573 0.0	70.2 7.3	0.334	0.316	0.164
647	R46Y.087.075de	0.875 0.5 0.5	0.875 0.875 0.437	46	0.875 0.573 0.0	70.2 7.3	0.334	0.316	0.164

n	HC*File	rgb*File	ic*File	hsa*File	rgb*File	LabCh*File	cmyk*sep*File	hsa*de	rgb*de	LabCh*de	delta
648	R00Y_100_100de	1.0	0.0	0.0	0.0	47.5	0.0	0.0	0.0	47.5	0.0
649	R38Y_100_100de	1.0	0.0	0.0	0.0	392	0.0	0.0	0.0	392	0.0
650	R26Y_100_100de	1.0	0.0	0.0	0.0	383	0.0	0.0	0.0	383	0.0
651	R13Y_100_100de	1.0	0.0	0.0	0.0	376	0.0	0.0	0.0	376	0.0
652	R00Y_100_100de	1.0	0.0	0.0	0.0	368	0.0	0.0	0.0	368	0.0
653	R68R_100_100de	1.0	0.0	0.0	0.0	360	0.0	0.0	0.0	360	0.0
654	B61R_100_100de	1.0	0.0	0.0	0.0	352	0.0	0.0	0.0	352	0.0
655	B55R_100_100de	1.0	0.0	0.0	0.0	347	0.0	0.0	0.0	347	0.0
656	B50R_100_100de	1.0	0.0	0.0	0.0	330	0.0	0.0	0.0	330	0.0
657	R11Y_100_100de	1.0	0.0	0.0	0.0	330	0.0	0.0	0.0	330	0.0
658	R00Y_100_100de	1.0	0.0	0.0	0.0	322	0.0	0.0	0.0	322	0.0
659	R36Y_100_100de	1.0	0.0	0.0	0.0	320	0.0	0.0	0.0	320	0.0
660	R23Y_100_100de	1.0	0.0	0.0	0.0	314	0.0	0.0	0.0	314	0.0
661	R00Y_100_100de	1.0	0.0	0.0	0.0	307	0.0	0.0	0.0	307	0.0
662	B70R_100_100de	1.0	0.0	0.0	0.0	307	0.0	0.0	0.0	307	0.0
663	B63R_100_100de	1.0	0.0	0.0	0.0	300	0.0	0.0	0.0	300	0.0
664	B56R_100_100de	1.0	0.0	0.0	0.0	298	0.0	0.0	0.0	298	0.0
665	B50R_100_100de	1.0	0.0	0.0	0.0	290	0.0	0.0	0.0	290	0.0
666	R23Y_100_100de	1.0	0.0	0.0	0.0	288	0.0	0.0	0.0	288	0.0
667	R13Y_100_100de	1.0	0.0	0.0	0.0	288	0.0	0.0	0.0	288	0.0
668	R00Y_100_100de	1.0	0.0	0.0	0.0	280	0.0	0.0	0.0	280	0.0
669	R35Y_100_100de	1.0	0.0	0.0	0.0	275	0.0	0.0	0.0	275	0.0
670	R18Y_100_100de	1.0	0.0	0.0	0.0	275	0.0	0.0	0.0	275	0.0
671	R00Y_100_100de	1.0	0.0	0.0	0.0	268	0.0	0.0	0.0	268	0.0
672	B63R_100_100de	1.0	0.0	0.0	0.0	268	0.0	0.0	0.0	268	0.0
673	B56R_100_100de	1.0	0.0	0.0	0.0	260	0.0	0.0	0.0	260	0.0
674	B50R_100_100de	1.0	0.0	0.0	0.0	258	0.0	0.0	0.0	258	0.0
675	R36Y_100_100de	1.0	0.0	0.0	0.0	252	0.0	0.0	0.0	252	0.0
676	R26Y_100_100de	1.0	0.0	0.0	0.0	248	0.0	0.0	0.0	248	0.0
677	R15Y_100_100de	1.0	0.0	0.0	0.0	245	0.0	0.0	0.0	245	0.0
678	R00Y_100_100de	1.0	0.0	0.0	0.0	239	0.0	0.0	0.0	239	0.0
679	R31Y_100_100de	1.0	0.0	0.0	0.0	237	0.0	0.0	0.0	237	0.0
680	R11Y_100_100de	1.0	0.0	0.0	0.0	235	0.0	0.0	0.0	235	0.0
681	B69R_100_100de	1.0	0.0	0.0	0.0	235	0.0	0.0	0.0	235	0.0
682	B62R_100_100de	1.0	0.0	0.0	0.0	230	0.0	0.0	0.0	230	0.0
683	B59R_100_100de	1.0	0.0	0.0	0.0	228	0.0	0.0	0.0	228	0.0
684	R50Y_100_100de	1.0	0.0	0.0	0.0	228	0.0	0.0	0.0	228	0.0
685	R41Y_100_100de	1.0	0.0	0.0	0.0	225	0.0	0.0	0.0	225	0.0
686	R31Y_100_100de	1.0	0.0	0.0	0.0	225	0.0	0.0	0.0	225	0.0
687	R18Y_100_100de	1.0	0.0	0.0	0.0	225	0.0	0.0	0.0	225	0.0
688	R00Y_100_100de	1.0	0.0	0.0	0.0	220	0.0	0.0	0.0	220	0.0
689	R26Y_100_100de	1.0	0.0	0.0	0.0	215	0.0	0.0	0.0	215	0.0
690	R00Y_100_100de	1.0	0.0	0.0	0.0	215	0.0	0.0	0.0	215	0.0
691	B61R_100_100de	1.0	0.0	0.0	0.0	215	0.0	0.0	0.0	215	0.0
692	B50R_100_100de	1.0	0.0	0.0	0.0	215	0.0	0.0	0.0	215	0.0
693	R63Y_100_100de	1.0	0.0	0.0	0.0	215	0.0	0.0	0.0	215	0.0
694	R38Y_100_100de	1.0	0.0	0.0	0.0	215	0.0	0.0	0.0	215	0.0
695	R30Y_100_100de	1.0	0.0	0.0	0.0	215	0.0	0.0	0.0	215	0.0
696	R00Y_100_100de	1.0	0.0	0.0	0.0	215	0.0	0.0	0.0	215	0.0
697	R23Y_100_100de	1.0	0.0	0.0	0.0	215	0.0	0.0	0.0	215	0.0
698	R00Y_100_100de	1.0	0.0	0.0	0.0	215	0.0	0.0	0.0	215	0.0
699	R18Y_100_100de	1.0	0.0	0.0	0.0	215	0.0	0.0	0.0	215	0.0
700	B63R_100_100de	1.0	0.0	0.0	0.0	215	0.0	0.0	0.0	215	0.0
701	R76Y_100_100de	1.0	0.0	0.0	0.0	215	0.0	0.0	0.0	215	0.0
702	R73Y_100_100de	1.0	0.0	0.0	0.0	215	0.0	0.0	0.0	215	0.0
703	R70Y_100_100de	1.0	0.0	0.0	0.0	215	0.0	0.0	0.0	215	0.0
704	R67Y_100_100de	1.0	0.0	0.0	0.0	215	0.0	0.0	0.0	215	0.0
705	R64Y_100_100de	1.0	0.0	0.0	0.0	215	0.0	0.0	0.0	215	0.0
706	R61Y_100_100de	1.0	0.0	0.0	0.0	215	0.0	0.0	0.0	215	0.0
707	R58Y_100_100de	1.0	0.0	0.0	0.0	215	0.0	0.0	0.0	215	0.0
708	R55Y_100_100de	1.0	0.0	0.0	0.0	215	0.0	0.0	0.0	215	0.0
709	R52Y_100_100de	1.0	0.0	0.0	0.0	215	0.0	0.0	0.0	215	0.0
710	R49Y_100_100de	1.0	0.0	0.0	0.0	215	0.0	0.0	0.0	215	0.0
711	R46Y_100_100de	1.0	0.0	0.0	0.0	215	0.0	0.0	0.0	215	0.0
712	R43Y_100_100de	1.0	0.0	0.0	0.0	215	0.0	0.0	0.0	215	0.0
713	R40Y_100_100de	1.0	0.0	0.0	0.0	215	0.0	0.0	0.0	215	0.0
714	R37Y_100_100de	1.0	0.0	0.0	0.0	215	0.0	0.0	0.0	215	0.0
715	R34Y_100_100de	1.0	0.0	0.0	0.0	215	0.0	0.0	0.0	215	0.0
716	R31Y_100_100de	1.0	0.0	0.0	0.0	215	0.0	0.0	0.0	215	0.0
717	R28Y_100_100de	1.0	0.0	0.0	0.0	215	0.0	0.0	0.0	215	0.0
718	R25Y_100_100de	1.0	0.0	0.0	0.0	215	0.0	0.0	0.0	215	0.0
719	R22Y_100_100de	1.0	0.0	0.0	0.0	215	0.0	0.0	0.0	215	0.0
720	R19Y_100_100de	1.0	0.0	0.0	0.0	215	0.0	0.0	0.0	215	0.0
721	R16Y_100_100de	1.0	0.0	0.0	0.0	215	0.0	0.0	0.0	215	0.0
722	R13Y_100_100de	1.0	0.0	0.0	0.0	215	0.0	0.0	0.0	215	0.0
723	R10Y_100_100de	1.0	0.0	0.0	0.0	215	0.0	0.0	0.0	215	0.0
724	R07Y_100_100de	1.0	0.0	0.0	0.0	215	0.0	0.0	0.0	215	0.0
725	R04Y_100_100de	1.0	0.0	0.0	0.0	215	0.0	0.0	0.0	215	0.0
726	R01Y_100_100de	1.0	0.0	0.0	0.0	215	0.0	0.0	0.0	215	0.0
727	Y00C_100_100de	1.0	0.0	0.0	0.0	215	0.0	0.0	0.0	215	0.0
728	NW_100de	1.0	0.0	0.0	0.0	215	0.0	0.0	0.0	215	0.0

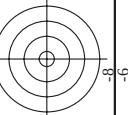
entrée : rgb/cmyk -> rgbde
sortie : linéarisation 3D selon cmyk*de

graphique TUB-QF69; code de teinte: H*e=Y75Ge
couleurs et différences, ΔE,*

QF690-7N, 2833-F

3-1132730-F0

n	HC*File	rgb_File	icr_File	hsa_File	rgb_File	LabCh*File	cmyk*_sep_File	hsa_Mde	LabCh*File	delta
729	NW_100.00e	0.875	1.0	1.0	0.0	95.8	0.0	360	95.8	0.0
730	G50B_100.0124e	0.875	1.0	1.0	0.0	95.8	0.0	360	95.8	0.0
731	G50B_100.0254e	0.875	1.0	1.0	0.0	95.8	0.0	360	95.8	0.0
732	G50B_100.0374e	0.875	1.0	1.0	0.0	95.8	0.0	360	95.8	0.0
733	G50B_100.0504e	0.875	1.0	1.0	0.0	95.8	0.0	360	95.8	0.0
734	G50B_100.0624e	0.875	1.0	1.0	0.0	95.8	0.0	360	95.8	0.0
735	G50B_100.0744e	0.875	1.0	1.0	0.0	95.8	0.0	360	95.8	0.0
736	G50B_100.0864e	0.875	1.0	1.0	0.0	95.8	0.0	360	95.8	0.0
737	G50B_100.0984e	0.875	1.0	1.0	0.0	95.8	0.0	360	95.8	0.0
738	ROY_100.0100e	0.875	1.0	1.0	0.0	95.8	0.0	360	95.8	0.0
739	ROY_100.0124e	0.875	1.0	1.0	0.0	95.8	0.0	360	95.8	0.0
740	ROY_100.0148e	0.875	1.0	1.0	0.0	95.8	0.0	360	95.8	0.0
741	ROY_100.0172e	0.875	1.0	1.0	0.0	95.8	0.0	360	95.8	0.0
742	ROY_100.0196e	0.875	1.0	1.0	0.0	95.8	0.0	360	95.8	0.0
743	ROY_100.0220e	0.875	1.0	1.0	0.0	95.8	0.0	360	95.8	0.0
744	ROY_100.0244e	0.875	1.0	1.0	0.0	95.8	0.0	360	95.8	0.0
745	ROY_100.0268e	0.875	1.0	1.0	0.0	95.8	0.0	360	95.8	0.0
746	ROY_100.0292e	0.875	1.0	1.0	0.0	95.8	0.0	360	95.8	0.0
747	ROY_100.0316e	0.875	1.0	1.0	0.0	95.8	0.0	360	95.8	0.0
748	ROY_100.0340e	0.875	1.0	1.0	0.0	95.8	0.0	360	95.8	0.0
749	ROY_100.0364e	0.875	1.0	1.0	0.0	95.8	0.0	360	95.8	0.0
750	ROY_100.0388e	0.875	1.0	1.0	0.0	95.8	0.0	360	95.8	0.0
751	ROY_100.0412e	0.875	1.0	1.0	0.0	95.8	0.0	360	95.8	0.0
752	ROY_100.0436e	0.875	1.0	1.0	0.0	95.8	0.0	360	95.8	0.0
753	ROY_100.0460e	0.875	1.0	1.0	0.0	95.8	0.0	360	95.8	0.0
754	ROY_100.0484e	0.875	1.0	1.0	0.0	95.8	0.0	360	95.8	0.0
755	ROY_100.0508e	0.875	1.0	1.0	0.0	95.8	0.0	360	95.8	0.0
756	ROY_100.0532e	0.875	1.0	1.0	0.0	95.8	0.0	360	95.8	0.0
757	ROY_100.0556e	0.875	1.0	1.0	0.0	95.8	0.0	360	95.8	0.0
758	ROY_100.0580e	0.875	1.0	1.0	0.0	95.8	0.0	360	95.8	0.0
759	ROY_100.0604e	0.875	1.0	1.0	0.0	95.8	0.0	360	95.8	0.0
760	ROY_100.0628e	0.875	1.0	1.0	0.0	95.8	0.0	360	95.8	0.0
761	ROY_100.0652e	0.875	1.0	1.0	0.0	95.8	0.0	360	95.8	0.0
762	ROY_100.0676e	0.875	1.0	1.0	0.0	95.8	0.0	360	95.8	0.0
763	ROY_100.0700e	0.875	1.0	1.0	0.0	95.8	0.0	360	95.8	0.0
764	ROY_100.0724e	0.875	1.0	1.0	0.0	95.8	0.0	360	95.8	0.0
765	ROY_100.0748e	0.875	1.0	1.0	0.0	95.8	0.0	360	95.8	0.0
766	ROY_100.0772e	0.875	1.0	1.0	0.0	95.8	0.0	360	95.8	0.0
767	ROY_100.0796e	0.875	1.0	1.0	0.0	95.8	0.0	360	95.8	0.0
768	ROY_100.0820e	0.875	1.0	1.0	0.0	95.8	0.0	360	95.8	0.0
769	ROY_100.0844e	0.875	1.0	1.0	0.0	95.8	0.0	360	95.8	0.0
770	ROY_100.0868e	0.875	1.0	1.0	0.0	95.8	0.0	360	95.8	0.0
771	ROY_100.0892e	0.875	1.0	1.0	0.0	95.8	0.0	360	95.8	0.0
772	ROY_100.0916e	0.875	1.0	1.0	0.0	95.8	0.0	360	95.8	0.0
773	ROY_100.0940e	0.875	1.0	1.0	0.0	95.8	0.0	360	95.8	0.0
774	ROY_100.0964e	0.875	1.0	1.0	0.0	95.8	0.0	360	95.8	0.0
775	ROY_100.0988e	0.875	1.0	1.0	0.0	95.8	0.0	360	95.8	0.0
776	ROY_100.1012e	0.875	1.0	1.0	0.0	95.8	0.0	360	95.8	0.0
777	ROY_100.1036e	0.875	1.0	1.0	0.0	95.8	0.0	360	95.8	0.0
778	ROY_100.1060e	0.875	1.0	1.0	0.0	95.8	0.0	360	95.8	0.0
779	ROY_100.1084e	0.875	1.0	1.0	0.0	95.8	0.0	360	95.8	0.0
780	ROY_100.1108e	0.875	1.0	1.0	0.0	95.8	0.0	360	95.8	0.0
781	ROY_100.1132e	0.875	1.0	1.0	0.0	95.8	0.0	360	95.8	0.0
782	ROY_100.1156e	0.875	1.0	1.0	0.0	95.8	0.0	360	95.8	0.0
783	ROY_100.1180e	0.875	1.0	1.0	0.0	95.8	0.0	360	95.8	0.0
784	ROY_100.1204e	0.875	1.0	1.0	0.0	95.8	0.0	360	95.8	0.0
785	ROY_100.1228e	0.875	1.0	1.0	0.0	95.8	0.0	360	95.8	0.0
786	ROY_100.1252e	0.875	1.0	1.0	0.0	95.8	0.0	360	95.8	0.0
787	ROY_100.1276e	0.875	1.0	1.0	0.0	95.8	0.0	360	95.8	0.0
788	ROY_100.1300e	0.875	1.0	1.0	0.0	95.8	0.0	360	95.8	0.0
789	ROY_100.1324e	0.875	1.0	1.0	0.0	95.8	0.0	360	95.8	0.0
790	ROY_100.1348e	0.875	1.0	1.0	0.0	95.8	0.0	360	95.8	0.0
791	ROY_100.1372e	0.875	1.0	1.0	0.0	95.8	0.0	360	95.8	0.0
792	ROY_100.1396e	0.875	1.0	1.0	0.0	95.8	0.0	360	95.8	0.0
793	ROY_100.1420e	0.875	1.0	1.0	0.0	95.8	0.0	360	95.8	0.0
794	ROY_100.1444e	0.875	1.0	1.0	0.0	95.8	0.0	360	95.8	0.0
795	ROY_100.1468e	0.875	1.0	1.0	0.0	95.8	0.0	360	95.8	0.0
796	ROY_100.1492e	0.875	1.0	1.0	0.0	95.8	0.0	360	95.8	0.0
797	ROY_100.1516e	0.875	1.0	1.0	0.0	95.8	0.0	360	95.8	0.0
798	ROY_100.1540e	0.875	1.0	1.0	0.0	95.8	0.0	360	95.8	0.0
799	ROY_100.1564e	0.875	1.0	1.0	0.0	95.8	0.0	360	95.8	0.0
800	ROY_100.1588e	0.875	1.0	1.0	0.0	95.8	0.0	360	95.8	0.0
801	ROY_100.1612e	0.875	1.0	1.0	0.0	95.8	0.0	360	95.8	0.0
802	ROY_100.1636e	0.875	1.0	1.0	0.0	95.8	0.0	360	95.8	0.0
803	ROY_100.1660e	0.875	1.0	1.0	0.0	95.8	0.0	360	95.8	0.0
804	ROY_100.1684e	0.875	1.0	1.0	0.0	95.8	0.0	360	95.8	0.0
805	ROY_100.1708e	0.875	1.0	1.0	0.0	95.8	0.0	360	95.8	0.0
806	ROY_100.1732e	0.875	1.0	1.0	0.0	95.8	0.0	360	95.8	0.0
807	ROY_100.1756e	0.875	1.0	1.0	0.0	95.8	0.0	360	95.8	0.0
808	ROY_100.1780e	0.875	1.0	1.0	0.0	95.8	0.0	360	95.8	0.0
809	ROY_100.1804e	0.875	1.0	1.0	0.0	95.8	0.0	360	95.8	0.0



TUB matériel: code=rha4ta
 aration cmyn6* (CMYK)

entrée : $rgb/cmyk \rightarrow rgb_{de}$
 sortie : linéarisation 3D selon $cmyk^*$ de

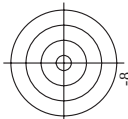
3-1132930-F0 QF690-7N, 3033-F

n	HVC*File	rgb*File	icv*File	hsa*File	rgb*File	LabCh*File	cmyk*sep*File	hsv*File	LabCh*File	hsv*File	LabCh*File	delta
891	NW_100de	1.0	1.0	1.0	1.0	95.8	0.0	0.0	0.0	0.0	95.8	0.0
892	B50R_100.012de	0.875	1.0	0.125	0.937	88.6	5.8	-3.5	6.8	328.6	360	0.0
893	B50R_100.025de	0.75	1.0	0.25	0.812	80.6	17.5	-7.1	13.6	328.6	305	0.0
894	B50R_100.037de	0.625	1.0	0.375	0.687	71.5	26.2	-10.7	20.5	328.6	305	0.0
895	B50R_100.050de	0.5	1.0	0.5	0.562	62.5	35.0	-14.2	27.3	328.6	305	0.0
896	B50R_100.062de	0.375	1.0	0.625	0.437	53.5	43.7	-17.8	34.2	328.6	305	0.0
897	B50R_100.075de	0.25	1.0	0.75	0.312	44.4	52.4	-21.4	41.0	328.6	305	0.0
898	B50R_100.087de	0.125	1.0	0.875	0.187	35.4	61.1	-25.0	47.9	328.6	305	0.0
899	B50R_100.100de	0.0	1.0	1.0	0.0	26.2	70.0	-28.5	54.7	328.6	305	0.0
900	COB_100.012de	0.875	1.0	0.125	0.937	95.8	0.0	0.0	0.0	0.0	95.8	0.0
901	NW_087de	0.875	0.875	0.875	0.875	95.8	0.0	0.0	0.0	0.0	95.8	0.0
902	B50R_087.012de	0.875	0.875	0.875	0.875	95.8	0.0	0.0	0.0	0.0	95.8	0.0
903	B50R_087.025de	0.875	0.875	0.875	0.875	95.8	0.0	0.0	0.0	0.0	95.8	0.0
904	B50R_087.037de	0.875	0.875	0.875	0.875	95.8	0.0	0.0	0.0	0.0	95.8	0.0
905	B50R_087.050de	0.875	0.875	0.875	0.875	95.8	0.0	0.0	0.0	0.0	95.8	0.0
906	B50R_087.062de	0.875	0.875	0.875	0.875	95.8	0.0	0.0	0.0	0.0	95.8	0.0
907	B50R_087.075de	0.875	0.875	0.875	0.875	95.8	0.0	0.0	0.0	0.0	95.8	0.0
908	B50R_087.087de	0.875	0.875	0.875	0.875	95.8	0.0	0.0	0.0	0.0	95.8	0.0
909	COB_100.025de	0.75	1.0	0.25	0.812	80.6	17.5	-7.1	13.6	328.6	305	0.0
910	COB_100.037de	0.625	1.0	0.375	0.687	71.5	26.2	-10.7	20.5	328.6	305	0.0
911	B50R_075.012de	0.75	0.75	0.75	0.75	95.8	0.0	0.0	0.0	0.0	95.8	0.0
912	B50R_075.025de	0.75	0.75	0.75	0.75	95.8	0.0	0.0	0.0	0.0	95.8	0.0
913	B50R_075.037de	0.75	0.75	0.75	0.75	95.8	0.0	0.0	0.0	0.0	95.8	0.0
914	B50R_075.050de	0.75	0.75	0.75	0.75	95.8	0.0	0.0	0.0	0.0	95.8	0.0
915	B50R_075.062de	0.75	0.75	0.75	0.75	95.8	0.0	0.0	0.0	0.0	95.8	0.0
916	B50R_075.075de	0.75	0.75	0.75	0.75	95.8	0.0	0.0	0.0	0.0	95.8	0.0
917	COB_100.037de	0.625	1.0	0.375	0.687	71.5	26.2	-10.7	20.5	328.6	305	0.0
918	COB_100.050de	0.5	1.0	0.5	0.562	62.5	35.0	-14.2	27.3	328.6	305	0.0
919	COB_100.062de	0.375	1.0	0.625	0.437	53.5	43.7	-17.8	34.2	328.6	305	0.0
920	COB_100.075de	0.25	1.0	0.75	0.312	44.4	52.4	-21.4	41.0	328.6	305	0.0
921	B50R_062.012de	0.625	0.625	0.625	0.625	95.8	0.0	0.0	0.0	0.0	95.8	0.0
922	B50R_062.025de	0.625	0.625	0.625	0.625	95.8	0.0	0.0	0.0	0.0	95.8	0.0
923	B50R_062.037de	0.625	0.625	0.625	0.625	95.8	0.0	0.0	0.0	0.0	95.8	0.0
924	B50R_062.050de	0.625	0.625	0.625	0.625	95.8	0.0	0.0	0.0	0.0	95.8	0.0
925	B50R_062.062de	0.625	0.625	0.625	0.625	95.8	0.0	0.0	0.0	0.0	95.8	0.0
926	COB_100.050de	0.5	1.0	0.5	0.562	62.5	35.0	-14.2	27.3	328.6	305	0.0
927	COB_100.062de	0.375	1.0	0.625	0.437	53.5	43.7	-17.8	34.2	328.6	305	0.0
928	COB_100.075de	0.25	1.0	0.75	0.312	44.4	52.4	-21.4	41.0	328.6	305	0.0
929	COB_100.087de	0.125	1.0	0.875	0.187	35.4	61.1	-25.0	47.9	328.6	305	0.0
930	COB_100.100de	0.0	1.0	1.0	0.0	26.2	70.0	-28.5	54.7	328.6	305	0.0
931	NW_050de	0.5	0.5	0.5	0.5	95.8	0.0	0.0	0.0	0.0	95.8	0.0
932	B50R_050.012de	0.5	0.5	0.5	0.5	95.8	0.0	0.0	0.0	0.0	95.8	0.0
933	B50R_050.025de	0.5	0.5	0.5	0.5	95.8	0.0	0.0	0.0	0.0	95.8	0.0
934	B50R_050.037de	0.5	0.5	0.5	0.5	95.8	0.0	0.0	0.0	0.0	95.8	0.0
935	B50R_050.050de	0.5	0.5	0.5	0.5	95.8	0.0	0.0	0.0	0.0	95.8	0.0
936	B50R_050.062de	0.5	0.5	0.5	0.5	95.8	0.0	0.0	0.0	0.0	95.8	0.0
937	COB_100.062de	0.375	1.0	0.625	0.437	53.5	43.7	-17.8	34.2	328.6	305	0.0
938	COB_100.075de	0.25	1.0	0.75	0.312	44.4	52.4	-21.4	41.0	328.6	305	0.0
939	COB_100.087de	0.125	1.0	0.875	0.187	35.4	61.1	-25.0	47.9	328.6	305	0.0
940	COB_100.100de	0.0	1.0	1.0	0.0	26.2	70.0	-28.5	54.7	328.6	305	0.0
941	NW_037de	0.375	0.375	0.375	0.375	95.8	0.0	0.0	0.0	0.0	95.8	0.0
942	B50R_037.012de	0.375	0.375	0.375	0.375	95.8	0.0	0.0	0.0	0.0	95.8	0.0
943	B50R_037.025de	0.375	0.375	0.375	0.375	95.8	0.0	0.0	0.0	0.0	95.8	0.0
944	B50R_037.037de	0.375	0.375	0.375	0.375	95.8	0.0	0.0	0.0	0.0	95.8	0.0
945	COB_100.075de	0.25	1.0	0.75	0.312	44.4	52.4	-21.4	41.0	328.6	305	0.0
946	COB_100.087de	0.125	1.0	0.875	0.187	35.4	61.1	-25.0	47.9	328.6	305	0.0
947	COB_100.100de	0.0	1.0	1.0	0.0	26.2	70.0	-28.5	54.7	328.6	305	0.0
948	COB_050.012de	0.25	0.25	0.25	0.25	95.8	0.0	0.0	0.0	0.0	95.8	0.0
949	COB_050.025de	0.25	0.25	0.25	0.25	95.8	0.0	0.0	0.0	0.0	95.8	0.0
950	COB_050.037de	0.25	0.25	0.25	0.25	95.8	0.0	0.0	0.0	0.0	95.8	0.0
951	NW_025de	0.25	0.25	0.25	0.25	95.8	0.0	0.0	0.0	0.0	95.8	0.0
952	B50R_025.012de	0.25	0.25	0.25	0.25	95.8	0.0	0.0	0.0	0.0	95.8	0.0
953	B50R_025.025de	0.25	0.25	0.25	0.25	95.8	0.0	0.0	0.0	0.0	95.8	0.0
954	B50R_025.037de	0.25	0.25	0.25	0.25	95.8	0.0	0.0	0.0	0.0	95.8	0.0
955	COB_087.075de	0.125	0.75	0.125	0.875	95.8	0.0	0.0	0.0	0.0	95.8	0.0
956	COB_087.087de	0.125	0.75	0.125	0.875	95.8	0.0	0.0	0.0	0.0	95.8	0.0
957	COB_087.100de	0.125	0.75	0.125	0.875	95.8	0.0	0.0	0.0	0.0	95.8	0.0
958	COB_050.037de	0.125	0.25	0.125	0.625	95.8	0.0	0.0	0.0	0.0	95.8	0.0
959	COB_050.050de	0.125	0.25	0.125	0.625	95.8	0.0	0.0	0.0	0.0	95.8	0.0
960	COB_050.062de	0.125	0.25	0.125	0.625	95.8	0.0	0.0	0.0	0.0	95.8	0.0
961	NW_012de	0.125	0.125	0.125	0.125	95.8	0.0	0.0	0.0	0.0	95.8	0.0
962	B50R_012.012de	0.125	0.125	0.125	0.125	95.8	0.0	0.0	0.0	0.0	95.8	0.0
963	COB_100.100de	0.0	1.0	1.0	0.0	26.2	70.0	-28.5	54.7	328.6	305	0.0
964	COB_100.087de	0.0	1.0	1.0	0.0	26.2	70.0	-28.5	54.7	328.6	305	0.0
965	COB_100.062de	0.0	1.0	1.0	0.0	26.2	70.0	-28.5	54.7	328.6	305	0.0
966	COB_087.075de	0.125	0.75	0.125	0.875	95.8	0.0	0.0	0.0	0.0	95.8	0.0
967	COB_087.087de	0.125	0.75	0.125	0.875	95.8	0.0	0.0	0.0	0.0	95.8	0.0
968	COB_087.100de	0.125	0.75	0.125	0.875	95.8	0.0	0.0	0.0	0.0	95.8	0.0
969	COB_050.037de	0.125	0.25	0.125	0.625	95.8	0.0	0.0	0.0	0.0	95.8	0.0
970	COB_050.050de	0.125	0.25	0.125	0.625	95.8	0.0	0.0	0.0	0.0	95.8	0.0
971	NW_000de	0.0	0.0	0.0	0.0	95.8	0.0	0.0	0.0	0.0	95.8	0.0

QF690-7N, 31/33-F

graphique TUB-QF69; code de teinte: H*e=Y75Ge
couleurs et différences, ΔE,*

entrée : rgb/cmyk -> rgbde
sortie : linéarisation 3D selon cmyk*de



voir fichiers similaires: <http://130.149.60.45/~farbmatrik/QF69/QF69.HTM>
 informations techniques: <http://www.ps.bam.de> ou <http://130.149.60.45/~farbmatrik>

entrée : $rgb/cmyk \rightarrow rgb_{de}$
 sortie : linéarisation 3D selon $cmyk^*_{de}$

graphique TUB-QF69; code de teinte: $H_e^* = Y75G_e$
couleurs et différences ΔE^*

delta