

voir fichiers similaires: <http://130.149.60.45/~farbmetrik/QF49/QF49L0FA.TXT> / .PS
informations techniques: <http://www.ps.bam.de> ou <http://130.149.60.45/~farbmetrik>

TUB enregistrement: 20130201-QF49/QF49L0FA.TXT / .PS
application pour la mesure des sorties sur imprimante laser

TUB matériel: code=rha4ta

Entrée et sortie: Système Printer Reflective FRS06a pour la teinte CIELAB relative $h_{ab,rel} = h_{ab}/360 = 102/360 = 0.28$

$H^*_{-} = Y25G_{-}$

Données de couleurs périphériques (d)

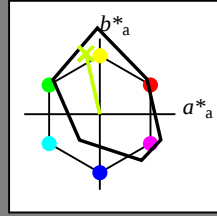
ou élémentaires (e):

HIC^*_{-}

code de teinte pour les couleurs de cette page:

$H^*_{-} = Y25G_{-}$

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
W ₋ ,Ma	91.9	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):

$LabCh^*_{-,Ma}$: 83 -18 79 81 102

$HIC^*_{-,Ma}$: Y25G_100_100_

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

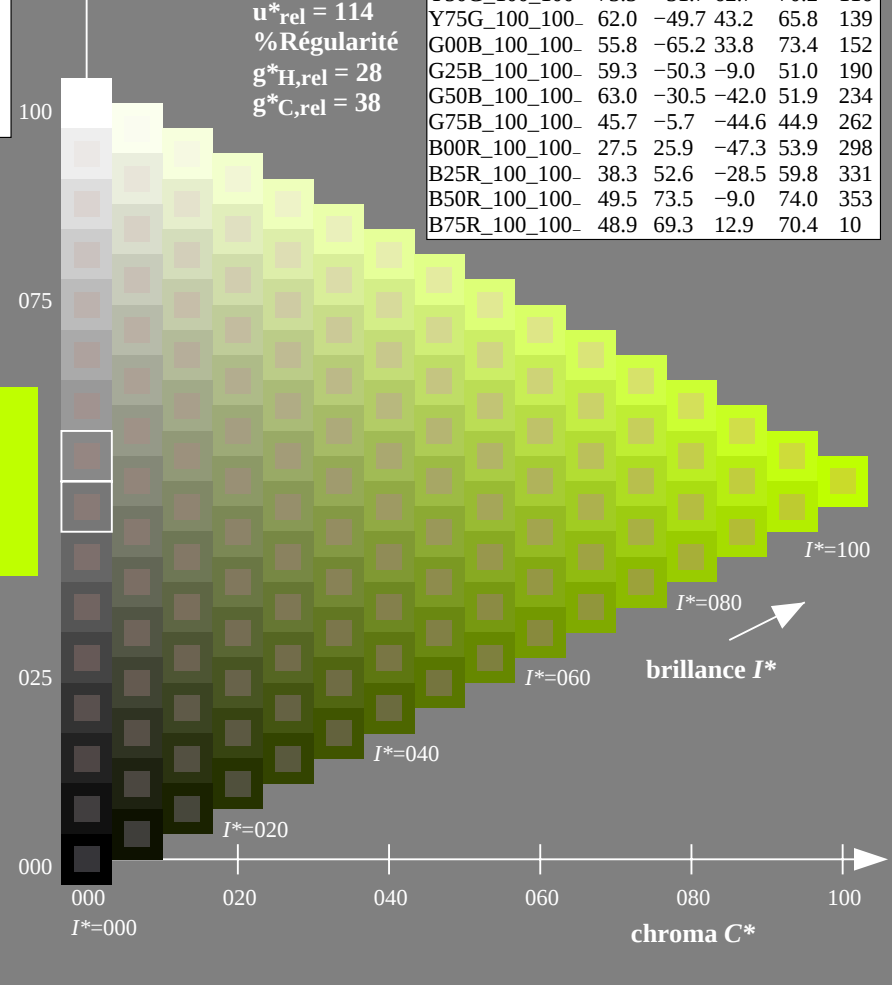
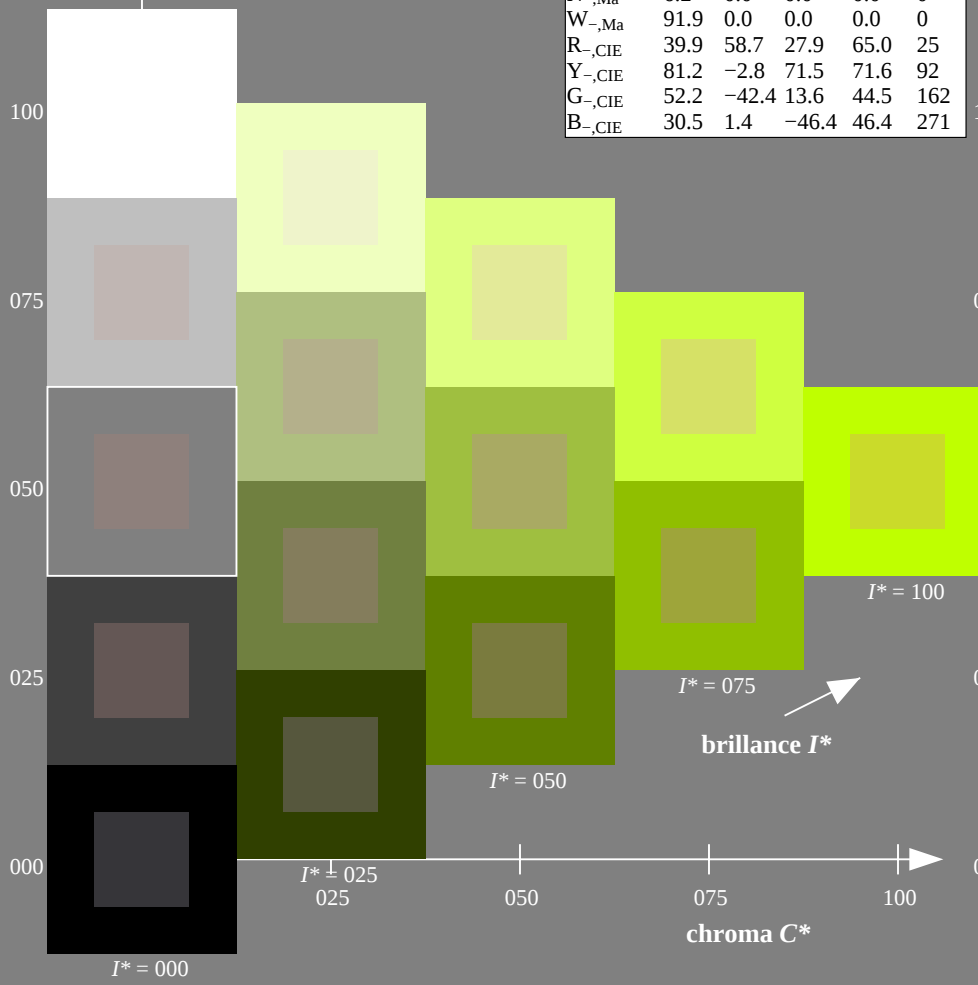
0.76 1.0 0.0 1.0 1.0

triangle de luminosité T^*

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

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 QF490-7N

graphique TUB-QF49; code de teinte: $H^*_{-}=Y25G_{-}$
graphique conforme à DIN 33872, 3D=1, de=0, cmk^*

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

voir fichiers similaires: <http://130.149.60.45/~farbmetrik/QF49/QF49L0FA.TXT> / .PS
informations techniques: <http://www.ps.bam.de> ou <http://130.149.60.45/~farbmetrik>

Entrée et sortie: Système Printer Reflective FRS06a pour la teinte CIELAB relative $h_{ab,a,rel} = h_{ab}/360 = 103/360 = 0.28$

$H^*_d = Y25G_d$

Données de couleurs périphériques (d)

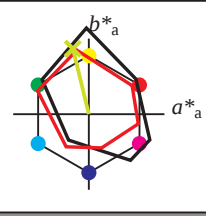
ou élémentaires (e):

HIC^*_d

code de teinte pour les couleurs de cette page:

$H^*_d = Y25G_d$

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):

$LabCh^*_{d,Ma}$: 90 -20 86 89 103

$HIC^*_{d,Ma}$: Y25G_100_100d

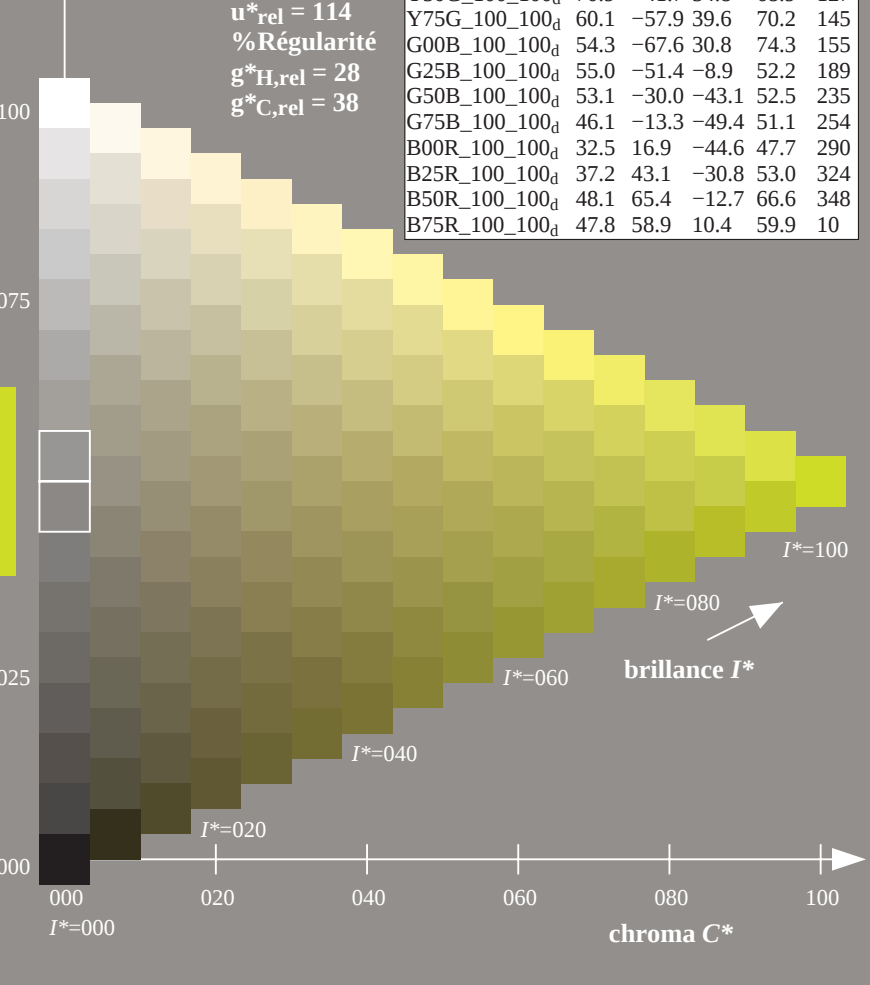
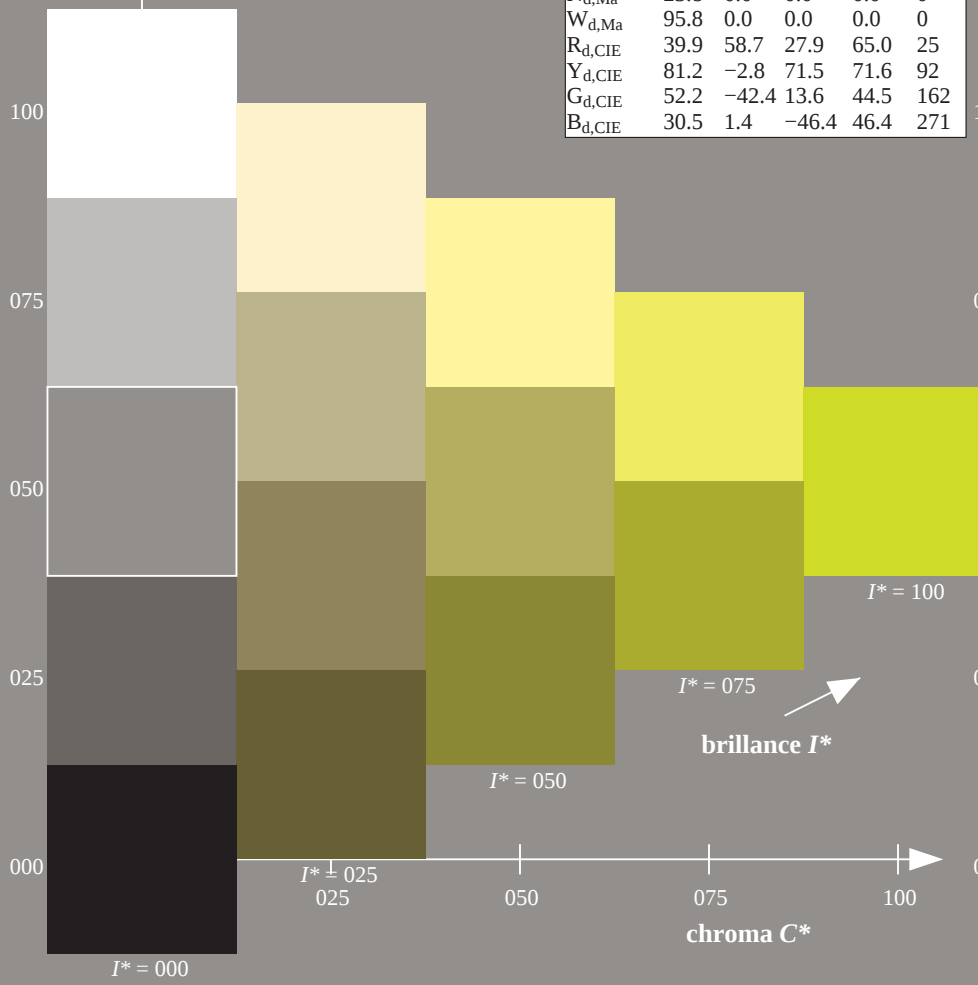
$rgbic^*_{d,Ma}$:

0.76 1.0 0.0 1.0 1.0

triangle de luminosité T^*

LRS18a; données CIELAB (a) adaptées

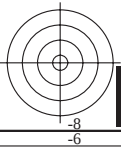
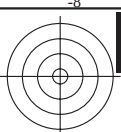
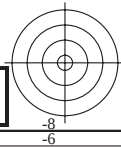
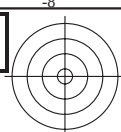
H^*_d	$L^*=L^*_a a^*_a$	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
$R00Y_{100_100d}$	47.5	57.2	37.8	68.6
$R25Y_{100_100d}$	57.4	43.5	54.5	69.7
$R50Y_{100_100d}$	70.5	19.2	66.2	69.0
$R75Y_{100_100d}$	83.5	-2.9	76.8	76.9
$Y00G_{100_100d}$	91.5	-15.8	84.6	86.1
$Y25G_{100_100d}$	90.4	-20.9	86.5	89.0
$Y50G_{100_100d}$	70.9	-41.7	54.8	68.9
$Y75G_{100_100d}$	60.1	-57.9	39.6	70.2
$G00B_{100_100d}$	54.3	-67.6	30.8	74.3
$G25B_{100_100d}$	55.0	-51.4	-8.9	52.2
$G50B_{100_100d}$	53.1	-30.0	-43.1	52.5
$G75B_{100_100d}$	46.1	-13.3	-49.4	51.1
$B00R_{100_100d}$	32.5	16.9	-44.6	47.7
$B25R_{100_100d}$	37.2	43.1	-30.8	53.0
$B50R_{100_100d}$	48.1	65.4	-12.7	66.6
$B75R_{100_100d}$	47.8	58.9	10.4	59.9



graphique TUB-QF49; code de teinte: $H^*_d = Y25G_d$
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-QF49/QF49L0FA.TXT /.PS TUB matériel: code=rha4ta
application pour la mesure des sorties sur imprimante laser, séparation cmk^*_{6*} (CMYK)



Entrée et sortie: Systeme Printer Reflective FR506a pour la teinte CIELAB relative $h_{ab,abrel} = h_{ab}/360 = 103/360 = 0.28$

$H^*_d = Y25G_d$

Données de couleurs périphériques (d)

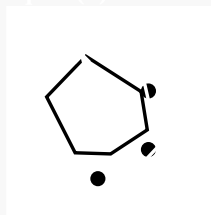
ou élémentaires (e):

HIC^*_d

code de teinte pour les couleurs de cette page:

$H^*_d = Y25G_d$

triangle de luminosité T^*



Les données de couleur maximale (Ma):

$LabCh^*_{d,Ma}$: 90 -20 86 89 103

$HIC^*_{d,Ma}$: Y25G_100_100d

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

0.76 1.0 0.0 1.0 1.0

triangle de luminosité T^*

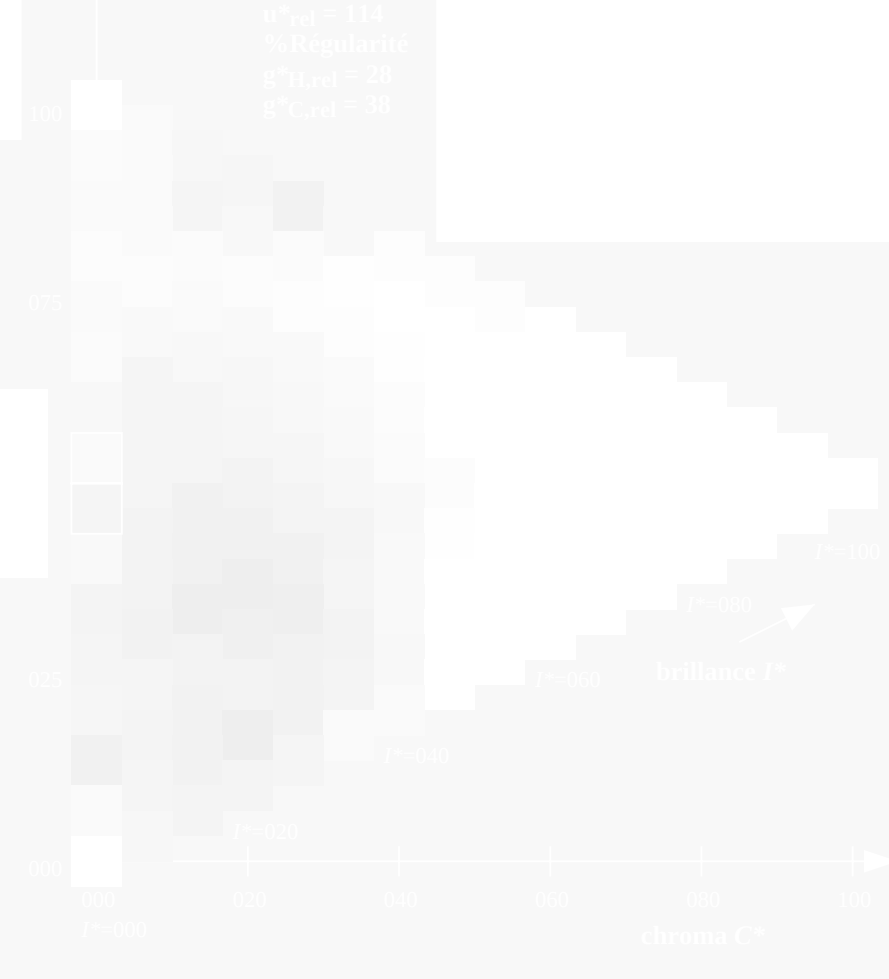
%Gamme

$u^*_{rel} = 114$

%Régularité

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

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



Entrée et sortie: Système Printer Reflective FRS06a pour la teinte CIELAB relative $h_{ab,a,rel} = h_{ab}/360 = 103/360 = 0.28$

$H^*_d = Y25G_d$

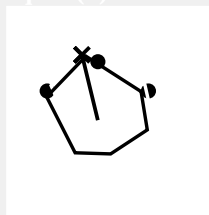
Données de couleurs périphériques (d)
ou élémentaires (e):

HIC^*_d

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

$H^*_d = Y25G_d$

triangle de luminosité T^*



Les données de couleur maximale (Ma):

$LabCh^*_{d,Ma}$: 90 -20 86 89 103

$HIC^*_{d,Ma}$: Y25G_100_100d

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

0.76 1.0 0.0 1.0 1.0

triangle de luminosité T^*

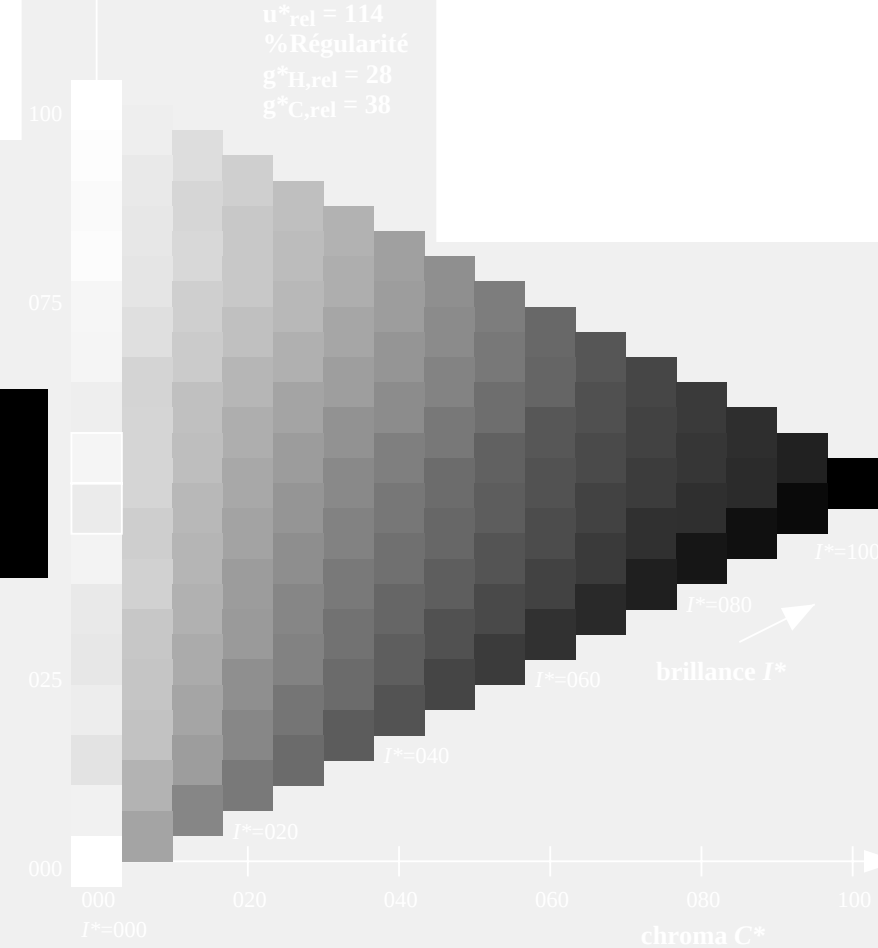
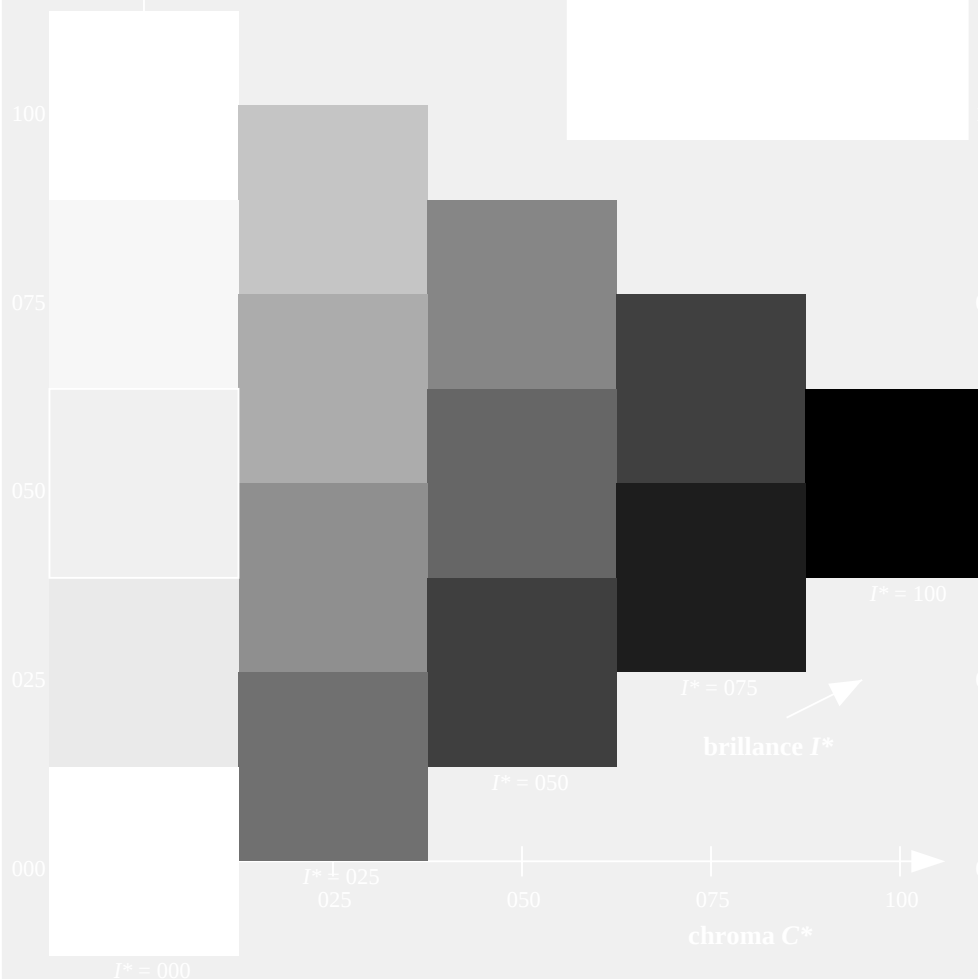
% Gamme

$u^*_{rel} = 114$

% Régularité

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

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



3-103430-L0 QF490-72

graphique TUB-QF49; code de teinte: $H^*_d = Y25G_d$
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 $h_{ab,a,rel} = h_{ab}/360 = 103/360 = 0.28$

$H^*_d = Y25G_d$

Données de couleurs périphériques (d)

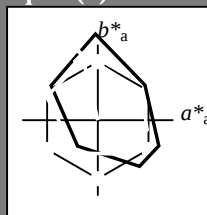
ou élémentaires (e):

HIC^*_d

code de teinte pour les couleurs de cette page:

$H^*_d = Y25G_d$

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):

$LabCh^*_{d,Ma}$: 90 -20 86 89 103

$HIC^*_{d,Ma}$: Y25G_100_100d

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

0.76 1.0 0.0 1.0 1.0

triangle de luminosité T^*

% Gamme

$u^*_{rel} = 114$

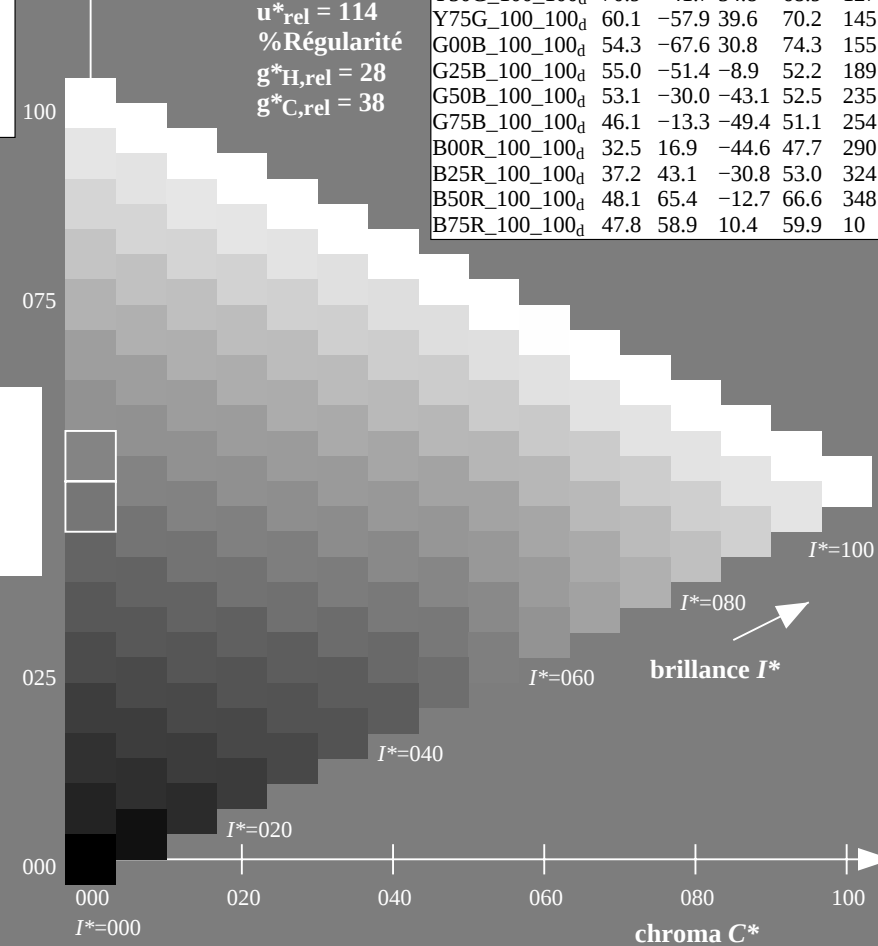
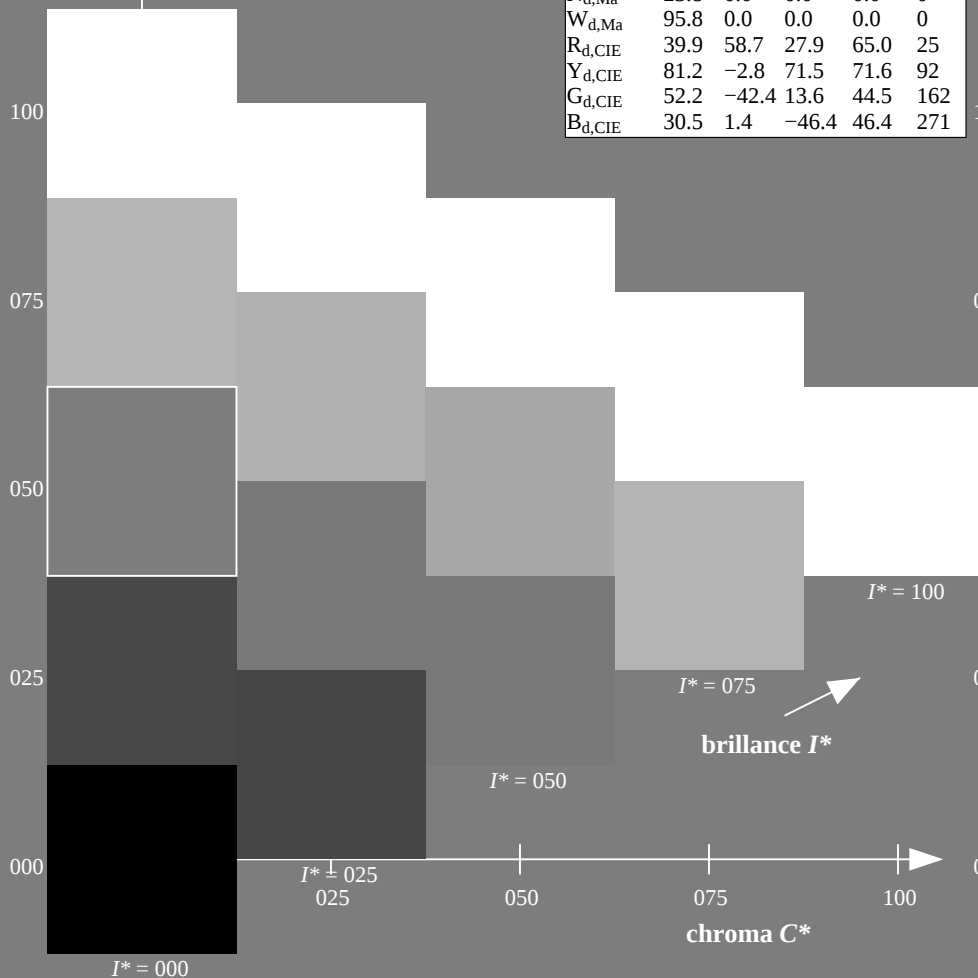
% Régularité

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

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

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-QF49; code de teinte: $H^*_d = Y25G_d$
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 $RYGCBM_e$: $h_{ab,e} = 25.5, 92.3, 162.2, 217.0, 271.7, 328.6$

$J=Y_d$
CIELAB (a^*_d, b^*_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
CIELAB (a^*_e, b^*_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
CIELAB (a^*_s, b^*_s)

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

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

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

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

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

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

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

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

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

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

$h_{ab,s}$

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

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

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

$h_{ab,e}$

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

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

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

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

rgb^*_{de}

3-103630-L0 QF490-72 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-QF49; code de teinte: $H^*_d=Y25G_d$
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 $RYGBCM_s$: $h_{ab,ds} = 30.0, 90.0, 150.0, 210.0, 270.0, 330.0$; Six angles de teinte des couleurs périphériques $RYGBCM_d$: $h_{ab,d} = 33.5, 100.6, 155.5, 235.2, 290.8, 348.9$; Six angles de teinte des couleurs élémentaires $RYGBCM_e$: $h_{ab,e} = 25.5, 92.3, 162.2, 217.0, 271.7, 328.6$

Lab A										Lab B										Lab C										Lab D									
hab.s			habs			rgb*dd64M			LAB*ddx64M (x=LabCh)			rgb*ddx361M			LAB*ddx361M (x=LabCh)			rgb*dsx361M			LAB*dsx361M (x=LabCh)			rgb*dex361M			LAB*dex361M												
hab.d	hab.a	hab.b	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																			

QF490-72	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-QF49; code de teinte: $H^*_d=Y25G_d$
cercle chromatique 48 paliers: tableaux *rgb-LabCh**

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

sortie: Laser printer output; separation cmyn6*, D65, page 8/33

TUB enregistrement: 20130201-QF49/QF49L0FA.TXT /.PS TUB matériel: code=rh4ta
application pour la mesure des sorties sur imprimante laser, séparation cmyk6* (CMYK)

TUB matériel: code=rha4ta

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 QF490-72 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

graphique TUB-QF49; code de teinte: $H^*_d=Y25G_d$
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 9/33

TUB enregistrement: 20130201-QF49/QF49L0FA.TXT /.PS
application pour la mesure des sorties sur imprimante laser, séparation cmy6* (CMYK)
TUB matériel: code=rha4ta

Couleur maximale dans le système colorimétrique : Laser printer output; separation 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 $RYGCBM_c$; $h_{ab,e} = 25.5, 92.3, 162.2, 217.0, 271.7, 328.6$															
$h_{ab,d}$	$h_{ab,s}$	$h_{ab,e}$	rgb^*_{dd361M}	$LAB^*_{ddx361Mi} (x=LabCh)$	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

3-103930-L0 QF490-72 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-QF49; code de teinte: $H^*_d=Y25G_d$
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/QF49/QF49L0FA.TXT> / .PS
informations techniques: <http://www.ps.bam.de> ou <http://130.149.60.45/~farbmetrik>

TUB enregistrement: 20130201-QF49/QF49L0FA.TXT /.PS TUB matériel: code=rha4ta
application pour la mesure des sorties sur imprimante laser, séparation cmy6* (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 $RYGCBM_c$; $h_{ab,ds} = 30.0, 90.0, 150.0, 210.0, 270.0, 330.0$;
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}	$LAB^*_{dsx361Mi} (x=LabCh)$	$rgb^*_{ds361Mi}$	$LAB^*_{dsx361Mi} (x=LabCh)$	$rgb^*_{dd361Mi}$	$LAB^*_{de361Mi}$	$rgb^*_{de361Mi}$	$LAB^*_{dex361Mi} (x=LabCh)$	$rgb^*_{dd361Mi}$			
-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	82.9	-2.0 76.9 77.0	-268	R_d
92	76	76	1.0	0.766 0.0	83.5	-2.9 76.8 76.9	92		1.0	0.767 0.0	83.5	-2.9 76.8 76.9	92	
92	77	77	1.0	0.783 0.0	84.2	-3.9 76.7 76.8	92		1.0	0.783 0.0	84.2	-3.9 76.7 76.8	92	
93	78	78	1.0	0.8 0.0	84.8	-4.8 76.5 76.7	93		1.0	0.8 0.0	84.8	-4.8 76.5 76.7	93	
94	79	80	1.0	0.816 0.0	85.4	-5.8 76.4 76.6	94		1.0	0.817 0.0	85.4	-5.8 76.4 76.6	94	
95	80	81	1.0	0.833 0.0	86.0	-6.7 76.2 76.5	95		1.0	0.833 0.0	86.0	-6.7 76.2 76.5	95	
95	81	82	1.0	0.85 0.0	86.6	-7.6 76.0 76.4	95		1.0	0.85 0.0	86.6	-7.6 76.0 76.4	95	
96	82	83	1.0	0.866 0.0	87.3	-8.6 75.8 76.3	96		1.0	0.867 0.0	87.3	-8.6 75.8 76.3	96	
97	83	84	1.0	0.883 0.0	87.8	-9.4 76.3 76.9	97		1.0	0.883 0.0	87.8	-9.4 76.3 76.9	97	
97	84	85	1.0	0.9 0.0	88.4	-10.3 77.6 78.2	97		1.0	0.9 0.0	88.4	-10.3 77.6 78.2	97	
98	85	86	1.0	0.916 0.0	88.9	-11.2 78.8 79.6	98		1.0	0.917 0.0	88.9	-11.2 78.8 79.6	98	
98	86	87	1.0	0.933 0.0	89.4	-12.0 80.0 80.9	98		1.0	0.933 0.0	89.4	-12.0 80.0 80.9	98	
99	87	88	1.0	0.95 0.0	89.9	-12.9 81.1 82.2	99		1.0	0.95 0.0	89.9	-12.9 81.1 82.2	99	
99	88	90	1.0	0.966 0.0	90.5	-13.9 82.3 83.5	99		1.0	0.967 0.0	90.5	-13.9 82.3 83.5	99	
100	89	91	1.0	0.983 0.0	91.0	-14.8 83.5 84.8	100		1.0	0.983 0.0	91.0	-14.8 83.5 84.8	100	
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	91.5	-15.8 84.6 86.1	100	Y_d
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	91.7	-16.1 85.3 86.8	100	
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	91.9	-16.4 85.9 87.5	100	
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	92.0	-16.7 86.5 88.2	100	
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	92.2	-17.0 87.2 88.8	101	
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	92.4	-17.3 87.8 89.5	101	
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	92.5	-17.6 88.4 90.2	101	
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	92.7	-18.0 89.1 90.9	101	
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	92.6	-18.3 89.2 91.0	101	
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	92.2	-18.8 88.7 90.7	101	
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	91.9	-19.2 88.3 90.3	102	
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	91.5	-19.6 87.8 90.0	102	
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	91.1	-20.1 87.4 89.7	102	
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	90.8	-20.5 86.9 89.3	103	
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	90.4	-20.9 86.5 89.0	103	
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	90.1	-21.3 86.0 88.6	103	
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	88.7	-23.1 83.7 86.8	105	
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	87.3	-24.7 81.3 85.0	106	
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	86.0	-26.2 78.9 83.2	108	
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	84.6	-27.6 76.5 81.3	109	
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	83.3	-28.9 74.1 79.5	111	
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	81.9	-30.1 71.6 77.7	112	
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	80.5	-31.2 69.2 75.9	114	
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	79.3	-32.5 67.1 74.6	115	
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	78.1	-34.0 65.4 73.8	117	
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	76.9	-35.5 63.7 72.9	119	
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	75.7	-36.9 62.0 72.1	120	
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	74.5	-38.2 60.2 71.3	122	
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	73.3	-39.4 58.4 70.5	124	
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	72.1	-40.6 56.6 69.7	125	
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	70.9	-41.7 54.8 68.9	127	

3-1031030-L0 QF490-72 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-QF49; code de teinte: $H^*_d=Y25G_d$
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 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 $RYGCBM_d$; $h_{ab,d} = 33.5, 100.6, 155.5, 235.2, 290.8, 348.9$; Six angles de teinte des couleurs élémentaires $RYGCBM_e$; $h_{ab,e} = 25.5, 92.3, 162.2, 217.0, 271.7, 328.6$																	
$h_{ab,d}$	$h_{ab,s}$	$h_{ab,e}$	rgb^*_{dd361M}	$LAB^*_{dd361Mi}$ (x=LabCh)	$rgb^*_{ds361Mi}$	$LAB^*_{dsx361Mi}$ (x=LabCh)	$rgb^*_{dd361Mi}$	$rgb^*_{de361Mi}$	$LAB^*_{dex361Mi}$ (x=LabCh)	$rgb^*_{dd361Mi}$	$rgb^*_{dd361Mi}$						
127	120	127	0.5	1.0	0.0	70.9	-41.7	54.8	68.9	127	0.5	1.0	0.0				
128	121	128	0.483	1.0	0.0	70.4	-42.6	53.9	68.7	128	0.483	1.0	0.0				
129	122	129	0.466	1.0	0.0	69.8	-43.4	53.0	68.5	129	0.466	1.0	0.0				
130	123	130	0.45	1.0	0.0	69.2	-44.2	52.1	68.3	130	0.45	1.0	0.0				
131	124	131	0.433	1.0	0.0	68.6	-45.0	51.2	68.2	131	0.433	1.0	0.0				
132	125	133	0.416	1.0	0.0	68.0	-45.7	50.3	68.0	132	0.416	1.0	0.0				
133	126	134	0.4	1.0	0.0	67.4	-46.5	49.4	67.8	133	0.4	1.0	0.0				
134	127	135	0.383	1.0	0.0	66.8	-47.2	48.5	67.7	134	0.383	1.0	0.0				
135	128	136	0.366	1.0	0.0	66.1	-48.2	47.5	67.7	135	0.366	1.0	0.0				
136	129	137	0.35	1.0	0.0	65.4	-49.5	46.6	68.1	136	0.35	1.0	0.0				
138	130	138	0.333	1.0	0.0	64.6	-50.9	45.7	68.4	138	0.333	1.0	0.0				
139	131	140	0.316	1.0	0.0	63.8	-52.2	44.7	68.7	139	0.316	1.0	0.0				
140	132	141	0.3	1.0	0.0	63.0	-53.5	43.7	69.1	140	0.3	1.0	0.0				
142	133	142	0.283	1.0	0.0	62.2	-54.7	42.6	69.4	142	0.283	1.0	0.0				
143	134	143	0.266	1.0	0.0	61.4	-56.0	41.5	69.7	143	0.266	1.0	0.0				
144	135	144	0.25	1.0	0.0	60.6	-57.2	40.4	70.1	144	0.25	1.0	0.0				
145	136	145	0.233	1.0	0.0	60.1	-57.9	39.6	70.2	145	0.233	1.0	0.0				
146	137	147	0.216	1.0	0.0	59.6	-58.6	38.9	70.3	146	0.216	1.0	0.0				
147	138	148	0.2	1.0	0.0	59.1	-59.3	38.1	70.5	147	0.2	1.0	0.0				
148	139	149	0.183	1.0	0.0	58.7	-59.9	37.3	70.6	148	0.183	1.0	0.0				
148	140	150	0.166	1.0	0.0	58.2	-60.6	36.4	70.7	148	0.166	1.0	0.0				
149	141	151	0.15	1.0	0.0	57.7	-61.2	35.6	70.9	149	0.15	1.0	0.0				
150	142	152	0.133	1.0	0.0	57.2	-61.9	34.8	71.0	150	0.133	1.0	0.0				
151	143	154	0.116	1.0	0.0	56.8	-62.5	34.1	71.3	151	0.116	1.0	0.0				
151	144	155	0.1	1.0	0.0	56.4	-63.3	33.7	71.7	151	0.1	1.0	0.0				
152	145	156	0.083	1.0	0.0	56.1	-64.0	33.2	72.1	152	0.083	1.0	0.0				
153	146	157	0.066	1.0	0.0	55.7	-64.7	32.8	72.6	153	0.066	1.0	0.0				
153	147	158	0.049	1.0	0.0	55.4	-65.5	32.3	73.0	153	0.049	1.0	0.0				
154	148	159	0.033	1.0	0.0	55.0	-66.2	31.8	73.5	154	0.033	1.0	0.0				
154	149	161	0.016	1.0	0.0	54.7	-66.9	31.3	73.9	154	0.016	1.0	0.0				
155	150	162	0.0	1.0	0.0	54.3	-67.6	30.8	74.3	155	0.0	1.0	0.0				
156	151	163	0.0	1.0	0.016	54.2	-67.5	29.7	73.8	156	0.0	1.0	0.017				
156	152	164	0.0	1.0	0.033	54.2	-67.4	28.6	73.2	156	0.0	1.0	0.033				
157	153	164	0.0	1.0	0.05	54.1	-67.2	27.6	72.7	157	0.0	1.0	0.05				
158	154	165	0.0	1.0	0.066	54.0	-67.1	26.6	72.1	158	0.0	1.0	0.067				
159	155	166	0.0	1.0	0.083	53.9	-66.9	25.5	71.6	159	0.0	1.0	0.083				
159	156	167	0.0	1.0	0.1	53.9	-66.7	24.5	71.1	159	0.0	1.0	0.1				
160	157	168	0.0	1.0	0.116	53.8	-66.5	23.5	70.5	160	0.0	1.0	0.117				
161	158	169	0.0	1.0	0.133	53.8	-66.2	22.3	69.9	161	0.0	1.0	0.133				
162	159	170	0.0	1.0	0.15	53.8	-65.8	20.8	69.1	162	0.0	1.0	0.15				
163	160	171	0.0	1.0	0.166	53.8	-65.5	19.4	68.3	163	0.0	1.0	0.167				
164	161	172	0.0	1.0	0.183	53.8	-65.0	18.1	67.5	164	0.0	1.0	0.183				
165	162	173	0.0	1.0	0.2	53.8	-64.6	16.7	66.7	165	0.0	1.0	0.2				
166	163	174	0.0	1.0	0.216	53.7	-64.1	15.4	66.0	166	0.0	1.0	0.217				
167	164	175	0.0	1.0	0.233	53.7	-63.6	14.1	65.2	167	0.0	1.0	0.233				
168	165	175	0.0	1.0	0.25	53.7	-63.1	12.8	64.4	168	0.0	1.0	0.25				

3-1031130-L0 QF490-72 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-QF49; code de teinte: $H^*_d=Y25G_d$
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 cmyk6*, 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)										$rgb^*_{dd361Mi}$ $rgb^*_{de361Mi}$ $LAB^*_{dex361Mi}$ (x=LabCh)										$rgb^*_{dd361Mi}$ $rgb^*_{dd361Mi}$ $rgb^*_{ds361Mi}$ $rgb^*_{de361Mi}$									
168	165	175	0.0	1.0	0.25	53.7	-63.1	12.8	64.4	168	0.0	1.0	0.192	53.8	-64.7	17.4	67.1	165	0.0	1.0	0.25	0.0	1.0	0.331	54.4	-59.3	4.2	59.5	175	0.0	1.0	0.25							
170	166	176	0.0	1.0	0.266	53.9	-62.4	10.9	63.4	170	0.0	1.0	0.209	53.8	-64.3	16.1	66.4	166	0.0	1.0	0.267	0.0	1.0	0.341	54.5	-58.7	3.3	58.9	176	0.0	1.0	0.267							
171	167	177	0.0	1.0	0.283	54.0	-61.7	9.1	62.4	171	0.0	1.0	0.225	53.8	-63.8	14.8	65.6	167	0.0	1.0	0.283	0.0	1.0	0.351	54.6	-58.2	2.3	58.3	177	0.0	1.0	0.283							
173	168	178	0.0	1.0	0.3	54.1	-60.9	7.3	61.3	173	0.0	1.0	0.242	53.8	-63.3	13.5	64.8	168	0.0	1.0	0.3	0.0	1.0	0.361	54.7	-57.6	1.4	57.7	178	0.0	1.0	0.3							
174	169	179	0.0	1.0	0.316	54.3	-60.1	5.6	60.3	174	0.0	1.0	0.255	53.8	-62.8	12.2	64.1	169	0.0	1.0	0.317	0.0	1.0	0.371	54.7	-57.0	0.4	57.1	179	0.0	1.0	0.317							
176	170	180	0.0	1.0	0.333	54.4	-59.2	3.9	59.3	176	0.0	1.0	0.266	53.9	-62.4	11.0	63.5	170	0.0	1.0	0.333	0.0	1.0	0.382	54.8	-56.5	-0.4	56.6	180	0.0	1.0	0.333							
177	171	181	0.0	1.0	0.35	54.5	-58.2	2.3	58.3	177	0.0	1.0	0.277	54.0	-61.9	9.8	62.8	171	0.0	1.0	0.35	0.0	1.0	0.393	54.8	-56.0	-1.3	56.2	181	0.0	1.0	0.35							
179	172	182	0.0	1.0	0.366	54.7	-57.3	0.8	57.3	179	0.0	1.0	0.288	54.1	-61.4	8.6	62.1	172	0.0	1.0	0.367	0.0	1.0	0.405	54.8	-55.6	-2.1	55.7	182	0.0	1.0	0.367							
180	173	183	0.0	1.0	0.383	54.7	-56.5	-0.6	56.5	180	0.0	1.0	0.299	54.2	-60.9	7.5	61.5	173	0.0	1.0	0.383	0.0	1.0	0.416	54.9	-55.1	-3.0	55.3	183	0.0	1.0	0.383							
181	174	184	0.0	1.0	0.4	54.8	-55.8	-1.8	55.9	181	0.0	1.0	0.31	54.3	-60.4	6.4	60.8	174	0.0	1.0	0.4	0.0	1.0	0.428	54.9	-54.6	-3.8	54.9	184	0.0	1.0	0.4							
183	175	185	0.0	1.0	0.416	54.8	-55.2	-3.1	55.2	183	0.0	1.0	0.321	54.3	-59.8	5.2	60.1	175	0.0	1.0	0.417	0.0	1.0	0.439	54.9	-54.1	-4.7	54.5	185	0.0	1.0	0.417							
184	176	185	0.0	1.0	0.433	54.8	-54.5	-4.3	54.6	184	0.0	1.0	0.332	54.4	-59.2	4.1	59.5	176	0.0	1.0	0.433	0.0	1.0	0.451	54.9	-53.6	-5.5	54.0	185	0.0	1.0	0.433							
185	177	186	0.0	1.0	0.45	54.9	-53.7	-5.5	54.0	185	0.0	1.0	0.343	54.5	-58.6	3.1	58.8	177	0.0	1.0	0.45	0.0	1.0	0.463	55.0														

3-1031230-L0	QF490-72	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 13/33

graphique TUB-QF49; code de teinte: $H^*_d=Y25G_d$
cercle chromatique 48 paliers; tableaux *rgb-LabCh**

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

~~3-1031230-F0~~

TUB enregistrement: 20130201-QF49/QF49L0FA.TXT /.PS TUB matériel: code=rh4tha
application pour la mesure des sorties sur imprimante laser, séparation cmyk6* (CMYK)

Couleur maximale dans le système colorimétrique : Laser printer output; separation cmyn6*, D65 pour l'entrée et sortie; Six angles de teinte à 60 degrés couleurs standard $RYGCBM_s$; $h_{ab,ds} = 30.0, 90.0, 150.0, 210.0, 270.0, 330.0$; 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)	C_s	$rgb^*_{dd361Mi}$	$LAB^*_{de361Mi}$	$rgb^*_{dex361Mi}$ (x=LabCh)	$rgb^*_{dd361Mi}$		
235	210	216	0.0	1.0	1.0	53.1	-30.0	-43.1	52.5	235	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	0.983	1.0
235	212	218	0.0	0.966	1.0	53.1	-29.4	-43.5	52.5	235	0.0	1.0	0.967	1.0
236	213	219	0.0	0.95	1.0	53.1	-29.2	-43.7	52.6	236	0.0	1.0	0.95	1.0
236	214	220	0.0	0.933	1.0	53.1	-28.9	-43.9	52.6	236	0.0	1.0	0.933	1.0
237	215	221	0.0	0.916	1.0	53.1	-28.6	-44.2	52.6	237	0.0	1.0	0.917	1.0
237	216	222	0.0	0.9	1.0	53.1	-28.3	-44.4	52.7	237	0.0	1.0	0.9	1.0
237	217	223	0.0	0.883	1.0	53.1	-28.1	-44.6	52.7	237	0.0	1.0	0.883	1.0
238	218	224	0.0	0.866	1.0	53.0	-27.8	-44.9	52.8	238	0.0	1.0	0.867	1.0
238	219	225	0.0	0.85	1.0	53.0	-27.5	-45.3	53.0	238	0.0	1.0	0.85	1.0
239	220	226	0.0	0.833	1.0	53.0	-27.3	-45.6	53.2	239	0.0	1.0	0.833	1.0
239	221	227	0.0	0.816	1.0	53.0	-27.0	-46.0	53.4	239	0.0	1.0	0.817	1.0
240	222	227	0.0	0.8	1.0	52.9	-26.7	-46.4	53.6	240	0.0	1.0	0.8	1.0
240	223	228	0.0	0.783	1.0	52.9	-26.5	-46.8	53.8	240	0.0	1.0	0.783	1.0
240	224	229	0.0	0.766	1.0	52.9	-26.2	-47.2	53.9	240	0.0	1.0	0.767	1.0
241	225	230	0.0	0.75	1.0	52.9	-25.9	-47.5	54.1	241	0.0	1.0	0.75	1.0
242	226	231	0.0	0.733	1.0	52.6	-25.2	-47.8	54.1	242	0.0	1.0	0.733	1.0
242	227	232	0.0	0.716	1.0	52.2	-24.5	-48.1	54.0	242	0.0	1.0	0.717	1.0
243	228	233	0.0	0.7	1.0	51.9	-23.9	-48.4	54.0	243	0.0	1.0	0.7	1.0
244	229	234	0.0	0.683	1.0	51.6	-23.2	-48.6	53.9	244	0.0	1.0	0.683	1.0
245	230	235	0.0	0.666	1.0	51.3	-22.5	-48.9	53.8	245	0.0	1.0	0.667	1.0
246	231	236	0.0	0.65	1.0	51.0	-21.8	-49.1	53.8	246	0.0	1.0	0.65	1.0
246	232	237	0.0	0.633	1.0	50.7	-21.1	-49.4	53.7	246	0.0	1.0	0.633	1.0
247	233	237	0.0	0.616	1.0	50.2	-20.2	-49.5	53.5	247	0.0	1.0	0.617	1.0
248	234	238	0.0	0.6	1.0	49.7	-19.2	-49.6	53.2	248	0.0	1.0	0.6	1.0
249	235	239	0.0	0.583	1.0	49.1	-18.2	-49.6	52.8	249	0.0	1.0	0.583	1.0
250	236	240	0.0	0.566	1.0	48.5	-17.2	-49.6	52.5	250	0.0	1.0	0.567	1.0
251	237	241	0.0	0.55	1.0	47.9	-16.2	-49.5	52.2	251	0.0	1.0	0.55	1.0
252	238	242	0.0	0.533	1.0	47.3	-15.2	-49.5	51.8	252	0.0	1.0	0.533	1.0
253	239	243	0.0	0.516	1.0	46.7	-14.3	-49.4	51.5	253	0.0	1.0	0.517	1.0
254	240	244	0.0	0.5	1.0	46.1	-13.3	-49.4	51.1	254	0.0	1.0	0.5	1.0
255	241	245	0.0	0.483	1.0	45.5	-12.3	-49.4	50.9	255	0.0	1.0	0.483	1.0
256	242	246	0.0	0.466	1.0	44.8	-11.4	-49.4	50.7	256	0.0	1.0	0.467	1.0
258	243	247	0.0	0.45	1.0	44.2	-10.5	-49.4	50.5	258	0.0	1.0	0.45	1.0
259	244	248	0.0	0.433	1.0	43.6	-9.5	-49.4	50.3	259	0.0	1.0	0.433	1.0
260	245	248	0.0	0.416	1.0	42.9	-8.6	-49.4	50.1	260	0.0	1.0	0.417	1.0
261	246	249	0.0	0.4	1.0	42.3	-7.7	-49.3	49.9	261	0.0	1.0	0.4	1.0
262	247	250	0.0	0.383	1.0	41.7	-6.8	-49.3	49.7	262	0.0	1.0	0.383	1.0
263	248	251	0.0	0.366	1.0	41.1	-5.7	-49.2	49.6	263	0.0	1.0	0.367	1.0
264	249	252	0.0	0.35	1.0	40.5	-4.6	-49.2	49.4	264	0.0	1.0	0.35	1.0
265	250	253	0.0	0.333	1.0	39.9	-3.4	-49.2	49.3	265	0.0	1.0	0.333	1.0
267	251	254	0.0	0.316	1.0	39.3	-2.3	-49.1	49.1	267	0.0	1.0	0.317	1.0
268	252	255	0.0	0.3	1.0	38.7	-1.1	-49.0	49.0	268	0.0	1.0	0.3	1.0
269	253	256	0.0	0.283	1.0	38.1	0.0	-48.9	48.9	269	0.0	1.0	0.283	1.0
271	254	257	0.0	0.266	1.0	37.4	1.1	-48.7	48.7	271	0.0	1.0	0.267	1.0
272	255	258	0.0	0.25	1.0	36.8	2.2	-48.5	48.6	272	0.0	1.0	0.25	1.0

3-1031330-L0 QF490-72 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 cmyn6*, D65, page 14/33

graphique TUB-QF49; code de teinte: $H^*_d=Y25G_d$
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/QF49/QF49L0FA.TXT> / .PS
informations techniques: <http://www.ps.bam.de> ou <http://130.149.60.45/~farbmetrik>

TUB enregistrement: 20130201-QF49/QF49L0FA.TXT /.PS
application pour la mesure des sorties sur imprimante laser, séparation cmyn6* (CMYK)
TUB matériel: code=rha4ta

Couleur maximale dans le système colorimétrique : Laser printer output; separation 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	0.0	0.25 1.0
273	256	258	0.0	0.233 1.0	36.6	3.2	-48.3 48.4	273	0.0	0.233 1.0
274	257	259	0.0	0.216 1.0	36.4	4.1	-48.0 48.2	274	0.0	0.217 1.0
276	258	260	0.0	0.2 1.0	36.1	5.1	-47.8 48.1	276	0.0	0.2 1.0
277	259	261	0.0	0.183 1.0	35.9	6.1	-47.5 47.9	277	0.0	0.183 1.0
278	260	262	0.0	0.166 1.0	35.6	7.0	-47.2 47.7	278	0.0	0.167 1.0
279	261	263	0.0	0.15 1.0	35.4	8.0	-46.9 47.5	279	0.0	0.15 1.0
280	262	264	0.0	0.133 1.0	35.2	8.9	-46.5 47.4	280	0.0	0.133 1.0
282	263	265	0.0	0.116 1.0	34.9	9.9	-46.3 47.3	282	0.0	0.117 1.0
283	264	266	0.0	0.1 1.0	34.5	10.9	-46.1 47.4	283	0.0	0.1 1.0
284	265	267	0.0	0.083 1.0	34.2	11.9	-45.9 47.4	284	0.0	0.083 1.0
285	266	268	0.0	0.066 1.0	33.9	12.9	-45.7 47.5	285	0.0	0.067 1.0
287	267	269	0.0	0.049 1.0	33.5	13.9	-45.4 47.5	287	0.0	0.05 1.0
288	268	269	0.0	0.033 1.0	33.2	14.9	-45.2 47.6	288	0.0	0.033 1.0
289	269	270	0.0	0.016 1.0	32.9	15.9	-44.9 47.6	289	0.0	0.017 1.0
290	270	271	0.0	0.0 1.0	32.5	16.9	-44.6 47.7	290	0.0	0.0 1.0
291	271	272	0.016 0.0	1.0	32.4	17.8	-44.3 47.8	291	0.0	0.017 0.0
293	272	273	0.033 0.0	1.0	32.3	18.7	-44.0 47.9	293	0.0	0.033 0.0
294	273	274	0.05 0.0	1.0	32.1	19.6	-43.7 47.9	294	0.0	0.05 0.0
295	274	275	0.066 0.0	1.0	32.0	20.5	-43.4 48.0	295	0.0	0.067 0.0
296	275	276	0.083 0.0	1.0	31.9	21.4	-43.1 48.1	296	0.0	0.083 0.0
297	276	277	0.1 0.0	1.0	31.8	22.3	-42.7 48.2	297	0.1	0.0 1.0
298	277	278	0.116 0.0	1.0	31.6	23.1	-42.4 48.3	298	0.0	0.117 0.0
299	278	279	0.133 0.0	1.0	31.5	24.1	-42.0 48.4	299	0.0	0.133 0.0
300	279	280	0.15 0.0	1.0	31.4	25.0	-41.7 48.6	300	0.0	0.15 0.0
302	280	281	0.166 0.0	1.0	31.4	25.9	-41.4 48.8	302	0.0	0.167 0.0
303	281	282	0.183 0.0	1.0	31.3	26.8	-41.0 49.0	303	0.0	0.183 0.0
304	282	283	0.2 0.0	1.0	31.2	27.8	-40.6 49.2	304	0.0	0.2 0.0
305	283	284	0.216 0.0	1.0	31.1	28.7	-40.2 49.4	305	0.0	0.217 0.0
306	284	285	0.233 0.0	1.0	31.1	29.6	-39.8 49.6	306	0.0	0.233 0.0
307	285	286	0.25 0.0	1.0	31.0	30.5	-39.3 49.8	307	0.0	0.25 0.0
309	286	287	0.266 0.0	1.0	31.4	31.6	-38.8 50.1	309	0.0	0.267 0.0
310	287	288	0.283 0.0	1.0	31.8	32.6	-38.3 50.3	310	0.0	0.283 0.0
311	288	288	0.3 0.0	1.0	32.3	33.6	-37.8 50.6	311	0.0	0.3 0.0
312	289	289	0.316 0.0	1.0	32.7	34.7	-37.2 50.9	312	0.0	0.317 0.0
314	290	290	0.333 0.0	1.0	33.1	35.7	-36.6 51.2	314	0.0	0.333 0.0
315	291	291	0.35 0.0	1.0	33.6	36.7	-36.0 51.4	315	0.012 0.0	1.0
316	292	292	0.366 0.0	1.0	34.0	37.7	-35.3 51.7	316	0.026 0.0	1.0
317	293	293	0.383 0.0	1.0	34.4	38.5	-34.7 51.9	317	0.041 0.0	1.0
318	294	294	0.4 0.0	1.0	34.8	39.2	-34.2 52.1	318	0.055 0.0	1.0
319	295	295	0.416 0.0	1.0	35.2	39.9	-33.7 52.2	319	0.069 0.0	1.0
320	296	296	0.433 0.0	1.0	35.6	40.5	-33.1 52.4	320	0.083 0.0	1.0
321	297	297	0.45 0.0	1.0	36.0	41.2	-32.6 52.5	321	0.097 0.0	1.0
322	298	298	0.466 0.0	1.0	36.4	41.8	-32.0 52.7	322	0.111 0.0	1.0
323	299	299	0.483 0.0	1.0	36.8	42.5	-31.4 52.9	323	0.125 0.0	1.0
324	300	300	0.5 0.0	1.0	37.2	43.1	-30.8 53.0	324	0.139 0.0	1.0

3-1031430-L0 QF490-72 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 15/33

graphique TUB-QF49; code de teinte: $H^*_d=Y25G_d$
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)	$rgb^*_{dex361Mi}$	$LAB^*_{dd361Mi}$	$rgb^*_{dd361Mi}$																																																																																																																																																																																																																																																																																																																																																						
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	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	0.166 0.0 1.0	31.4 26.0 -41.3 48.9	302	0.533 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	0.194 0.0 1.0	31.3 27.5 -40.7 49.2	304	0.567 0.0 1.0	0.209 0.0 1.0	31.2 28.3 -40.3 49.4	305	0.583 0.0 1.0	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	0.612 0.0 1.0	38.9 47.9 -27.6 55.4	330	0.983 0.0 1.0	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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 QF490-72 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-QF49; code de teinte: $H^*_d=Y25G_d$
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 cmyk*, D65 pour l'entrée et sortie; Six angles de teinte à 60 degrés couleurs standard $RYGCBM_s; h_{a,b,d,s} = 30.0, 90.0, 150.0, 210.0, 270.0, 330.0;$

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

[illegible]

3-1031630-L0	QF490-72	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 17/38

graphique TUB-QF49; code de teinte: $H^*_d=Y25G_d$
cercle chromatique 48 paliers; tableaux *rgb-LabCh**

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

TUB enregistrement: 20130201-QF49/QF49L0FA.TXT /PS
application pour la mesure des sorties sur imprimante laser, séparation cmyk* (CMYK)

TUB matériel: code=rha4ta

graphique TUB-QF49; code de teinte: H*d=Y25Gd
couleurs et différences, ΔE,*

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

n°	H*Ch*Fid	rgb_Fid	icr_Fid	hsa_Fid	rgb*Fid	LabCh*Fid	cmyk*_sep_Fid	hax*dd	rgb*dd	LabCh*dd	delta
0/648	R00Y_100_100dd	1.0	0.0	0.0	1.0	0.0	0.0	389	1.0	0.0	0.0
1/657	R13Y_100_100dd	0.0	0.125	0.0	1.0	0.116	0.0	361	0.0	0.0	33.4
2/666	R25Y_100_100dd	0.0	0.25	0.0	1.0	0.233	0.0	369	0.0	0.0	68.6
3/675	R38Y_100_100dd	0.0	0.375	0.0	1.0	0.366	0.0	389	0.0	0.0	37.8
4/684	R50Y_100_100dd	0.0	0.5	0.0	1.0	0.5	0.0	42	0.0	0.005	57.2
5/693	R63Y_100_100dd	0.0	0.625	0.0	1.0	0.632	0.0	361	0.0	0.0	51.6
6/702	R75Y_100_100dd	0.0	0.75	0.0	1.0	0.766	0.0	51	0.0	0.0	43.5
7/711	R88Y_100_100dd	0.0	0.875	0.0	1.0	0.883	0.0	69	0.0	0.0	54.5
8/720	Y00C_100_100dd	1.0	0.0	0.0	0.0	0.0	0.0	51	0.0	0.0	60.1
9/639	Y13C_100_100dd	0.875	0.0	0.0	0.0	0.0	0.0	68	0.0	0.0	70.5
10/658	Y25C_100_100dd	0.75	0.0	0.0	0.0	0.0	0.0	77	0.0	0.0	71.2
11/477	Y38C_100_100dd	0.625	0.0	0.0	0.0	0.0	0.0	88	0.0	0.0	83.5
12/396	Y50C_100_100dd	0.5	0.0	0.0	0.0	0.0	0.0	73	0.0	0.0	89.2
13/315	Y63C_100_100dd	0.375	0.0	0.0	0.0	0.0	0.0	77	0.0	0.0	92.2
14/234	Y75C_100_100dd	0.25	0.0	0.0	0.0	0.0	0.0	88	0.0	0.0	97.0
15/153	Y88C_100_100dd	0.125	0.0	0.0	0.0	0.0	0.0	89	0.0	0.0	100.5
16/72	G00C_100_100dd	0.0	0.0	1.0	0.0	0.0	0.0	96	0.0	0.0	90.9
17/73	G13C_100_100dd	0.0	0.125	1.0	0.0	0.0	0.0	102	0.0	0.0	89.1
18/74	G25C_100_100dd	0.0	0.25	1.0	0.0	0.0	0.0	106	0.0	0.0	86.1
19/75	G38C_100_100dd	0.0	0.375	1.0	0.0	0.0	0.0	111	0.0	0.0	83.5
20/76	G50C_100_100dd	0.0	0.5	1.0	0.0	0.0	0.0	119	0.0	0.0	80.5
21/77	G63C_100_100dd	0.0	0.625	1.0	0.0	0.0	0.0	127	0.0	0.0	77.0
22/78	G75C_100_100dd	0.0	0.75	1.0	0.0	0.0	0.0	138	0.0	0.0	73.8
23/79	G88C_100_100dd	0.0	0.875	1.0	0.0	0.0	0.0	143	0.0	0.0	70.5
24/80	C00B_100_100dd	0.0	0.0	1.0	0.0	0.0	0.0	149	0.0	0.0	66.1
25/71	C13B_100_100dd	0.0	0.125	1.0	0.0	0.0	0.0	156	0.0	0.0	62.5
26/62	C25B_100_100dd	0.0	0.25	1.0	0.0	0.0	0.0	171	0.0	0.0	58.1
27/63	C38B_100_100dd	0.0	0.375	1.0	0.0	0.0	0.0	188	0.0	0.0	54.5
28/44	C50B_100_100dd	0.0	0.5	1.0	0.0	0.0	0.0	197	0.0	0.0	51.6
29/35	C63B_100_100dd	0.0	0.625	1.0	0.0	0.0	0.0	207	0.0	0.0	48.4
30/26	C75B_100_100dd	0.0	0.75	1.0	0.0	0.0	0.0	216	0.0	0.0	45.8
31/17	C88B_100_100dd	0.0	0.875	1.0	0.0	0.0	0.0	221	0.0	0.0	43.1
32/8	B00M_100_100dd	0.0	0.0	1.0	0.0	0.0	0.0	227	0.0	0.0	40.5
33/89	B13M_100_100dd	0.125	0.0	1.0	0.0	0.0	0.0	231	0.0	0.0	37.8
34/170	B25M_100_100dd	0.25	0.0	1.0	0.0	0.0	0.0	232	0.0	0.0	35.2
35/251	B38M_100_100dd	0.375	0.0	1.0	0.0	0.0	0.0	240	0.0	0.0	32.6
36/332	B50M_100_100dd	0.5	0.0	1.0	0.0	0.0	0.0	248	0.0	0.0	30.0
37/413	B63M_100_100dd	0.625	0.0	1.0	0.0	0.0	0.0	257	0.0	0.0	27.4
38/494	B75M_100_100dd	0.75	0.0	1.0	0.0	0.0	0.0	263	0.0	0.0	24.8
39/575	B88M_100_100dd	0.875	0.0	1.0	0.0	0.0	0.0	270	0.0	0.0	22.2
40/656	M00R_100_100dd	1.0	0.0	0.0	0.0	0.0	0.0	276	0.0	0.0	19.6
41/655	M13R_100_100dd	1.0	0.0	0.0	0.0	0.0	0.0	282	0.0	0.0	17.0
42/654	M25R_100_100dd	1.0	0.0	0.0	0.0	0.0	0.0	291	0.0	0.0	14.4
43/653	M38R_100_100dd	1.0	0.0	0.0	0.0	0.0	0.0	300	0.0	0.0	11.8
44/652	M50R_100_100dd	1.0	0.0	0.0	0.0	0.0	0.0	308	0.0	0.0	9.2
45/651	M63R_100_100dd	1.0	0.0	0.0	0.0	0.0	0.0	317	0.0	0.0	6.6
46/650	M75R_100_100dd	1.0	0.0	0.0	0.0	0.0	0.0	323	0.0	0.0	4.0
47/649	M88R_100_100dd	1.0	0.0	0.0	0.0	0.0	0.0	330	0.0	0.0	1.4
48/648	R00Y_100_100dd	1.0	0.0	0.0	0.0	0.0	0.0	336	0.0	0.0	0.0
49/0	NW_000dd	0.0	0.0	0.0	0.0	0.0	0.0	342	0.0	0.0	0.0
50/91	NW_013dd	0.125	0.0	0.0	0.0	0.0	0.0	351	0.0	0.0	0.0
51/182	NW_025dd	0.25	0.0	0.0	0.0	0.0	0.0	360	0.0	0.0	0.0
52/273	NW_038dd	0.375	0.0	0.0	0.0	0.0	0.0	368	0.0	0.0	0.0
53/364	NW_050dd	0.5	0.0	0.0	0.0	0.0	0.0	377	0.0	0.0	0.0
54/455	NW_063dd	0.625	0.0	0.0	0.0	0.0	0.0	383	0.0	0.0	0.0
55/546	NW_075dd	0.75	0.0	0.0	0.0	0.0	0.0	389	0.0	0.0	0.0
56/637	NW_088dd	0.875	0.0	0.0	0.0	0.0	0.0	396	0.0	0.0	0.0
57/728	NW_100dd	1.0	0.0	0.0	0.0	0.0	0.0	399	0.0	0.0	0.0

n/f	HfC*Fid	rgb_Fid	icr_Fid	hsa_Fid	rgb*Fid	LabCh*Fid	cmyk*_sep_Fid	cmyn*_sep_Fid	rgb*Mid	hsa_Mid	LabCh*Mid	delta
0/648	R00Y_100_100ad	1.0	0.0	0.0	1.0	0.0	0.0	0.0	1.0	0.0	0.0	0.0
1/666	R25Y_100_100ad	0.25	0.0	0.0	0.25	0.0	0.0	0.0	0.25	0.0	0.0	0.0
2/684	R50Y_100_100ad	0.5	0.0	0.0	0.5	0.0	0.0	0.0	0.5	0.0	0.0	0.0
3/702	R75Y_100_100ad	0.75	0.0	0.0	0.75	0.0	0.0	0.0	0.75	0.0	0.0	0.0
4/720	Y00C_100_100ad	1.0	0.0	0.0	1.0	0.0	0.0	0.0	1.0	0.0	0.0	0.0
5/738	Y25C_100_100ad	0.75	0.0	0.0	0.75	0.0	0.0	0.0	0.75	0.0	0.0	0.0
6/756	Y50C_100_100ad	0.5	0.0	0.0	0.5	0.0	0.0	0.0	0.5	0.0	0.0	0.0
7/774	Y75C_100_100ad	0.25	0.0	0.0	0.25	0.0	0.0	0.0	0.25	0.0	0.0	0.0
8/792	G00B_100_100ad	0.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	0.0	0.0
9/792	G25B_100_100ad	0.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	0.0	0.0
10/76	G50B_100_100ad	0.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	0.0	0.0
11/804	G75B_100_100ad	0.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	0.0	0.0
12/844	B00M_100_100ad	0.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	0.0
13/8	B25M_100_100ad	0.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	0.0
14/332	B50M_100_100ad	0.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	0.0
15/652	B75M_100_100ad	0.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	0.0
16/652	B50R_100_100ad	1.0	0.0	0.0	1.0	0.0	0.0	0.0	1.0	0.0	0.0	0.0
17/648	R00Y_100_100ad	1.0	0.0	0.0	1.0	0.0	0.0	0.0	1.0	0.0	0.0	0.0
18/688	R25Y_100_100ad	0.25	0.0	0.0	0.25	0.0	0.0	0.0	0.25	0.0	0.0	0.0
19/706	R50Y_100_100ad	0.5	0.0	0.0	0.5	0.0	0.0	0.0	0.5	0.0	0.0	0.0
20/724	R75Y_100_100ad	0.75	0.0	0.0	0.75	0.0	0.0	0.0	0.75	0.0	0.0	0.0
21/762	Y00C_100_100ad	1.0	0.0	0.0	1.0	0.0	0.0	0.0	1.0	0.0	0.0	0.0
22/400	G00B_100_100ad	0.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	0.0	0.0
23/468	G25B_100_100ad	0.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	0.0	0.0
24/468	G50B_100_100ad	0.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	0.0	0.0
25/692	B50R_100_100ad	1.0	0.0	0.0	1.0	0.0	0.0	0.0	1.0	0.0	0.0	0.0
26/688	R00Y_100_100ad	1.0	0.0	0.0	1.0	0.0	0.0	0.0	1.0	0.0	0.0	0.0
27/506	R00Y_075_050ad	0.75	0.25	0.25	0.75	0.25	0.25	0.25	0.75	0.25	0.25	0.0
28/524	R50Y_075_050ad	0.5	0.25	0.25	0.5	0.25	0.25	0.25	0.5	0.25	0.25	0.0
29/542	Y00C_075_050ad	0.75	0.25	0.25	0.75	0.25	0.25	0.25	0.75	0.25	0.25	0.0
30/218	G00B_075_050ad	0.25	0.75	0.25	0.25	0.75	0.25	0.25	0.25	0.75	0.25	0.0
31/218	G00B_075_050ad	0.25	0.75	0.25	0.25	0.75	0.25	0.25	0.25	0.75	0.25	0.0
32/222	G50B_075_050ad	0.25	0.75	0.25	0.25	0.75	0.25	0.25	0.25	0.75	0.25	0.0
33/186	B00R_075_050ad	0.25	0.25	0.75	0.25	0.25	0.25	0.25	0.25	0.25	0.75	0.0
34/510	B50R_075_050ad	0.75	0.25	0.25	0.75	0.25	0.25	0.25	0.75	0.25	0.25	0.0
35/506	R00Y_075_050ad	0.75	0.25	0.25	0.75	0.25	0.25	0.25	0.75	0.25	0.25	0.0
36/324	R00Y_050_050ad	0.5	0.0	0.0	0.5	0.0	0.0	0.0	0.5	0.0	0.0	0.0
37/342	R50Y_050_050ad	0.5	0.25	0.25	0.5	0.25	0.25	0.25	0.5	0.25	0.25	0.0
38/360	Y00C_050_050ad	0.5	0.5	0.25	0.5	0.25	0.25	0.25	0.5	0.25	0.25	0.0
39/198	Y50C_050_050ad	0.25	0.5	0.25	0.25	0.5	0.25	0.25	0.25	0.5	0.25	0.0
40/36	G00B_050_050ad	0.0	0.5	0.25	0.25	0.5	0.25	0.25	0.0	0.5	0.25	0.0
41/40	G50B_050_050ad	0.0	0.5	0.25	0.25	0.5	0.25	0.25	0.0	0.5	0.25	0.0
42/4	B00R_050_050ad	0.0	0.5	0.25	0.25	0.5	0.25	0.25	0.0	0.5	0.25	0.0
43/328	B50R_050_050ad	0.5	0.0	0.5	0.5	0.25	0.25	0.25	0.5	0.0	0.5	0.0
44/324	R00Y_050_050ad	0.5	0.0	0.5	0.5	0.25	0.25	0.25	0.5	0.0	0.5	0.0
45/0	NW_000ad	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
46/91	NW_013ad	0.125	0.125	0.125	0.125	0.125	0.125	0.125	0.125	0.125	0.125	0.0
47/182	NW_025ad	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.0
48/273	NW_038ad	0.375	0.375	0.375	0.375	0.375	0.375	0.375	0.375	0.375	0.375	0.0
49/364	NW_050ad	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.0
50/455	NW_065ad	0.625	0.625	0.625	0.625	0.625	0.625	0.625	0.625	0.625	0.625	0.0
51/66	NW_080ad	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.0
52/66	NW_080ad	0.875	0.875	0.875	0.875	0.875	0.875	0.875	0.875	0.875	0.875	0.0
53/728	NW_100ad	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.0

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

graphique TUB-QF49; code de teinte: H*_d=Y25Gd
couleurs et différences, ΔE,*

QF490-7N, 1933-F

3-1031830-F0

http://130.149.60.45/~farbmatrik/QF49/QF49L0FA.TXT /PS; linéarisation 3D F: linéarisation 3D QF49/QF49L30FA.DAT dans fichier (F), page 20/33

graphique TUB-QF49; code de teinte: H_d^{*}=Y25G_d

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

voir fichiers similaires: <http://130.149.60.45/~farbmetrik/QF49/QF49.HTM>
 informations techniques: <http://www.ps.bam.de> ou <http://130.149.60.45/~farbmetrik>

voir fichiers similaires: <http://130.149.60.45/~farbmatrik/QF49/QF49.HTM>
 informations techniques: <http://www.ps.bam.de> ou <http://130.149.60.45/~farbmatrik>

F: linéarisation 3D QF49/QF49L30FA.DAT dans fichier (F), page 21/33

graphique TUB-QF49; code de teinte: H_d^{*}=Y25Gd

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

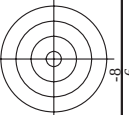
<i>n</i>	<i>HIC*Ftd</i>	<i>rgb_Ftd</i>	<i>lcr_Ftd</i>	<i>h3a_Ftd</i>	<i>rgb*Ftd</i>	<i>LatCh*Ftd</i>	<i>cmym*sep_Ftd</i>	<i>h3a_Mtd</i>	<i>rgb_Mtd</i>	<i>LatCh*Mid</i>	<i>delta</i>
81	R00Y_012_012ad	0.125	0.0	0.125	0.125	0.0	0.0	0.125	0.0	0.0	33.4
82	B50R_012_012ad	0.125	0.0	0.125	0.125	0.0	0.0	0.125	0.0	0.0	8.5
83	B00Y_012_012ad	0.125	0.0	0.125	0.125	0.0	0.0	0.125	0.0	0.0	4.7
84	B25R_027_025ad	0.125	0.0	0.125	0.125	0.0	0.0	0.125	0.0	0.0	7.1
85	B15R_037_037ad	0.125	0.0	0.125	0.125	0.0	0.0	0.125	0.0	0.0	26.8
86	B11R_050_050ad	0.125	0.0	0.125	0.125	0.0	0.0	0.125	0.0	0.0	8.1
87	B09R_062_062ad	0.125	0.0	0.125	0.125	0.0	0.0	0.125	0.0	0.0	-1.5
88	B07R_075_075ad	0.125	0.0	0.125	0.125	0.0	0.0	0.125	0.0	0.0	10.7
89	B05R_100_100ad	0.125	0.0	0.125	0.125	0.0	0.0	0.125	0.0	0.0	13.2
90	Y00G_012_012ad	0.125	0.0	0.125	0.125	0.0	0.0	0.125	0.0	0.0	31.4
91	NW_012ad	0.125	0.0	0.125	0.125	0.0	0.0	0.125	0.0	0.0	27.1
92	B00R_027_025ad	0.125	0.0	0.125	0.125	0.0	0.0	0.125	0.0	0.0	13.0
93	B00R_037_037ad	0.125	0.0	0.125	0.125	0.0	0.0	0.125	0.0	0.0	-13.9
94	B00R_062_060ad	0.125	0.0	0.125	0.125	0.0	0.0	0.125	0.0	0.0	19.1
95	B00R_027_025ad	0.125	0.0	0.125	0.125	0.0	0.0	0.125	0.0	0.0	24.8
96	B00R_062_062ad	0.125	0.0	0.125	0.125	0.0	0.0	0.125	0.0	0.0	30.6
97	B00R_075_075ad	0.125	0.0	0.125	0.125	0.0	0.0	0.125	0.0	0.0	36.5
98	B06R_087_087ad	0.125	0.0	0.125	0.125	0.0	0.0	0.125	0.0	0.0	30.9
99	B00R_100_100ad	0.125	0.0	0.125	0.125	0.0	0.0	0.125	0.0	0.0	48.6
100	Y00G_012_012ad	0.125	0.0	0.125	0.125	0.0	0.0	0.125	0.0	0.0	30.3
101	G50R_027_025ad	0.125	0.0	0.125	0.125	0.0	0.0	0.125	0.0	0.0	31.4
102	G50R_037_037ad	0.125	0.0	0.125	0.125	0.0	0.0	0.125	0.0	0.0	25.0
103	G84B_050_037ad	0.125	0.0	0.125	0.125	0.0	0.0	0.125	0.0	0.0	24.1
104	G80B_062_050ad	0.125	0.0	0.125	0.125	0.0	0.0	0.125	0.0	0.0	35.6
105	G80B_075_062ad	0.125	0.0	0.125	0.125	0.0	0.0	0.125	0.0	0.0	47.5
106	G93B_100_087ad	0.125	0.0	0.125	0.125	0.0	0.0	0.125	0.0	0.0	27.3
107	G93B_100_087ad	0.125	0.0	0.125	0.125	0.0	0.0	0.125	0.0	0.0	46.5
108	Y60G_037_037ad	0.125	0.0	0.125	0.125	0.0	0.0	0.125	0.0	0.0	78.1
109	G60G_037_025ad	0.125	0.0	0.125	0.125	0.0	0.0	0.125	0.0	0.0	41.4
110	G50B_037_025ad	0.125	0.0	0.125	0.125	0.0	0.0	0.125	0.0	0.0	16.7
111	G50B_037_025ad	0.125	0.0	0.125	0.125	0.0	0.0	0.125	0.0	0.0	25.7
112	G50B_037_025ad	0.125	0.0	0.125	0.125	0.0	0.0	0.125	0.0	0.0	18.8
113	G50B_062_050ad	0.125	0.0	0.125	0.125	0.0	0.0	0.125	0.0	0.0	13.1
114	G50B_062_050ad	0.125	0.0	0.125	0.125	0.0</					

<http://130.149.60.45/~farbmatrik/QF49/QF49L0FA.TXT> /PS; linéarisation 3D F: linéarisation 3D QF49/QF49LF30FA.DAT dans fichier (F), page 24/33

graphique TUB-QF49; code de teinte: H_d^{*}=Y25G_d

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

n	HC ⁺ Fold	rgb ⁺ Fold	ict ⁺ Fold	hs ⁺ Fold	rgb ⁺ Fold	LabCh ⁺ Fold	cmv ⁺ sep ⁺ Fold	hs ⁺ Mid	rgb ⁺ Mid	LabCh ⁺ Mid
3224	R26Y_050_050Mid	0.5	0.0	0.5	0.5	0.0	0.0	389	1.0	0.0
3225	R26Y_050_050Mid	0.5	0.0	0.125	0.5	0.0	0.0	377	1.0	0.0
3226	R26Y_050_050Mid	0.5	0.0	0.25	0.5	0.0	0.0	360	1.0	0.0
3227	R26Y_050_050Mid	0.5	0.0	0.25	0.5	0.0	0.0	342	1.0	0.0
3228	R26Y_050_050Mid	0.5	0.0	0.25	0.5	0.0	0.0	330	1.0	0.0
3229	B40R_062_062Mid	0.5	0.0	0.625	0.625	0.312	0.312	330	0.816	0.0
3230	B40R_062_062Mid	0.5	0.0	0.625	0.625	0.312	0.312	311	0.683	0.0
3231	B40R_062_062Mid	0.5	0.0	0.625	0.625	0.312	0.312	305	0.583	0.0
3232	B40R_062_062Mid	0.5	0.0	0.625	0.625	0.312	0.312	300	0.5	0.0
3233	B40R_062_062Mid	0.5	0.0	0.625	0.625	0.312	0.312	300	0.5	0.0
3234	B40R_062_062Mid	0.5	0.0	0.625	0.625	0.312	0.312	42	0.0	0.0
3235	R23Y_100_100Mid	0.5	0.125	0.125	0.5	0.0	0.0	389	1.0	0.0
3236	R23Y_100_100Mid	0.5	0.125	0.125	0.5	0.0	0.0	371	1.0	0.0
3237	R23Y_100_100Mid	0.5	0.125	0.125	0.5	0.0	0.0	348	1.0	0.0
3238	R23Y_100_100Mid	0.5	0.125	0.125	0.5	0.0	0.0	330	1.0	0.0
3239	R23Y_100_100Mid	0.5	0.125	0.125	0.5	0.0	0.0	317	0.766	0.0
3240	R23Y_100_100Mid	0.5	0.125	0.125	0.5	0.0	0.0	307	0.616	0.0
3241	R23Y_100_100Mid	0.5	0.125	0.125	0.5	0.0	0.0	300	0.5	0.0
3242	R23Y_100_100Mid	0.5	0.125	0.125	0.5	0.0	0.0	294	0.416	0.0
3243	R23Y_100_100Mid	0.5	0.125	0.125	0.5	0.0	0.0	59	1.0	0.0
3244	R23Y_100_100Mid	0.5	0.125	0.125	0.5	0.0	0.0	48	1.0	0.0
3245	R23Y_100_100Mid	0.5	0.125	0.125	0.5	0.0	0.0	389	1.0	0.0
3246	R23Y_100_100Mid	0.5	0.125	0.125	0.5	0.0	0.0	360	1.0	0.0
3247	R23Y_100_100Mid	0.5	0.125	0.125	0.5	0.0	0.0	331	1.0	0.0
3248	R23Y_100_100Mid	0.5	0.125	0.125	0.5	0.0	0.0	311	0.683	0.0
3249	R23Y_100_100Mid	0.5	0.125	0.125	0.5	0.0	0.0	292	0.383	0.0
3250	R23Y_100_100Mid	0.5	0.125	0.125	0.5	0.0	0.0	288	0.316	0.0
3251	R23Y_100_100Mid	0.5	0.125	0.125	0.5	0.0	0.0	77	1.0	0.0
3252	R23Y_100_100Mid	0.5	0.125	0.125	0.5	0.0	0.0	58	1.0	0.0
3253	R23Y_100_100Mid	0.5	0.125	0.125	0.5	0.0	0.0	389	1.0	0.0
3254	R23Y_100_100Mid	0.5	0.125	0.125	0.5	0.0	0.0	360	1.0	0.0
3255	R23Y_100_100Mid	0.5	0.125	0.125	0.5	0.0	0.0	331	1.0	0.0
3256	R23Y_100_100Mid	0.5	0.125	0.125	0.5	0.0	0.0	292	0.383	0.0
3257	R23Y_100_100Mid	0.5	0.125	0.125	0.5	0.0	0.0	288	0.316	0.0
3258	R23Y_100_100Mid	0.5	0.125	0.125	0.5	0.0	0.0	77	1.0	0.0
3259	R23Y_100_100Mid	0.5	0.125	0.125	0.5	0.0	0.0	58	1.0	0.0
3260	R23Y_100_100Mid	0.5	0.125	0.125	0.5	0.0	0.0	389	1.0	0



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

graphique TUB-QF49; code de teinte: H_d^{*}=Y25G_d

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

[illegible]

TUB enregistrement: 20130201-QF49/QF49L0FA.TXT /PS TUB matériel: code=rha4ta
application pour la mesure des sorties sur imprimante laser, séparation cmyk6* (CMYK)

n	HVC*_Fid	rgb*_Fid	lcr*_Fid	hsa*_Fid	rgb*_Fid	LabCH*_Fid	cmyk*_sep_Fid	0.02	0.019	0.164	hsa*_del	rgb*_Mdd	LabCH*_Mdd	0.0	0.0	0.0
1053	NW_086ad	0.866 0.866 0.866	0.866 0.866 0.866	0.866 0.866 0.866	0.866 0.866 0.866	86.1 0.0 0.0	0.0 0.0 0.0	0.005	0.016	0.103	360	1.0 1.0 1.0	95.8 0.0 0.0	0.0	0.0	0.0
1054	NW_093ad	0.933 0.933 0.933	0.933 0.933 0.933	0.933 0.933 0.933	0.933 0.933 0.933	91.0 0.0 0.0	0.0 0.0 0.0	0.0	0.0	0.0	360	1.0 1.0 1.0	95.8 0.0 0.0	0.0	0.0	0.0
1055	NW_100ad	1.0 1.0 1.0	1.0 1.0 1.0	1.0 1.0 1.0	1.0 1.0 1.0	95.8 0.0 0.0	0.0 0.0 0.0	0.0	0.0	0.0	360	1.0 1.0 1.0	95.8 0.0 0.0	0.0	0.0	0.0
1056	NW_006ad	0.066 0.066 0.066	0.066 0.066 0.066	0.066 0.066 0.066	0.066 0.066 0.066	28.6 0.0 0.0	0.0 0.0 0.0	0.0	0.0	0.0	360	1.0 1.0 1.0	95.8 0.0 0.0	0.0	0.0	0.0
1057	NW_006ad	0.066 0.066 0.066	0.066 0.066 0.066	0.066 0.066 0.066	0.066 0.066 0.066	28.6 0.0 0.0	0.0 0.0 0.0	0.054	0.016	0.865	360	1.0 1.0 1.0	95.8 0.0 0.0	0.0	0.0	0.0
1058	NW_013ad	0.133 0.133 0.133	0.133 0.133 0.133	0.133 0.133 0.133	0.133 0.133 0.133	33.4 0.0 0.0	0.0 0.0 0.0	0.109	0.053	0.809	360	1.0 1.0 1.0	95.8 0.0 0.0	0.0	0.0	0.0
1059	NW_026ad	0.266 0.266 0.266	0.266 0.266 0.266	0.266 0.266 0.266	0.266 0.266 0.266	42.9 0.0 0.0	0.0 0.0 0.0	0.068	0.034	0.76	360	1.0 1.0 1.0	95.8 0.0 0.0	0.0	0.0	0.0
1060	NW_026ad	0.266 0.266 0.266	0.266 0.266 0.266	0.266 0.266 0.266	0.266 0.266 0.266	42.9 0.0 0.0	0.0 0.0 0.0	0.092	0.039	0.701	360	1.0 1.0 1.0	95.8 0.0 0.0	0.0	0.0	0.0
1061	NW_033ad	0.333 0.333 0.333	0.333 0.333 0.333	0.333 0.333 0.333	0.333 0.333 0.333	47.8 0.0 0.0	0.0 0.0 0.0	0.048	0.044	0.608	360	1.0 1.0 1.0	95.8 0.0 0.0	0.0	0.0	0.0
1062	NW_040ad	0.4 0.4 0.4	0.4 0.4 0.4	0.4 0.4 0.4	0.4 0.4 0.4	52.6 0.0 0.0	0.0 0.0 0.0	0.078	0.023	0.539	360	1.0 1.0 1.0	95.8 0.0 0.0	0.0	0.0	0.0
1063	NW_046ad	0.466 0.466 0.466	0.466 0.466 0.466	0.466 0.466 0.466	0.466 0.466 0.466	57.3 0.0 0.0	0.0 0.0 0.0	0.085	0.028	0.482	360	1.0 1.0 1.0	95.8 0.0 0.0	0.0	0.0	0.0
1064	NW_053ad	0.533 0.533 0.533	0.533 0.533 0.533	0.533 0.533 0.533	0.533 0.533 0.533	62.2 0.0 0.0	0.0 0.0 0.0	0.04	0.017	0.404	360	1.0 1.0 1.0	95.8 0.0 0.0	0.0	0.0	0.0
1065	NW_060ad	0.6 0.6 0.6	0.6 0.6 0.6	0.6 0.6 0.6	0.6 0.6 0.6	67.0 0.0 0.0	0.0 0.0 0.0	0.064	0.015	0.381	360	1.0 1.0 1.0	95.8 0.0 0.0	0.0	0.0	0.0
1066	NW_066ad	0.666 0.666 0.666	0.666 0.666 0.666	0.666 0.666 0.666	0.666 0.666 0.666	71.7 0.0 0.0	0.0 0.0 0.0	0.038	0.017	0.338	360	1.0 1.0 1.0	95.8 0.0 0.0	0.0	0.0	0.0
1067	NW_073ad	0.734 0.734 0.734	0.734 0.734 0.734	0.734 0.734 0.734	0.734 0.734 0.734	76.6 0.0 0.0	0.0 0.0 0.0	0.033	0.011	0.301	360	1.0 1.0 1.0	95.8 0.0 0.0	0.0	0.0	0.0
1068	NW_086ad	0.8 0.8 0.8	0.8 0.8 0.8	0.8 0.8 0.8	0.8 0.8 0.8	81.4 0.0 0.0	0.0 0.0 0.0	0.02	0.019	0.164	360	1.0 1.0 1.0	95.8 0.0 0.0	0.0	0.0	0.0
1069	NW_086ad	0.866 0.866 0.866	0.866 0.866 0.866	0.866 0.866 0.866	0.866 0.866 0.866	86.1 0.0 0.0	0.0 0.0 0.0	0.005	0.016	0.103	360	1.0 1.0 1.0	95.8 0.0 0.0	0.0	0.0	0.0
1070	NW_093ad	0.933 0.933 0.933	0.933 0.933 0.933	0.933 0.933 0.933	0.933 0.933 0.933	91.0 0.0 0.0	0.0 0.0 0.0	0.0	0.0	0.0	360	1.0 1.0 1.0	95.8 0.0 0.0	0.0	0.0	0.0
1071	NW_100ad	1.0 1.0 1.0	1.0 1.0 1.0	1.0 1.0 1.0	1.0 1.0 1.0	95.8 0.0 0.0	0.0 0.0 0.0	0.0	0.0	0.0	360	1.0 1.0 1.0	95.8 0.0 0.0	0.0	0.0	0.0
1072	NW_000ad	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 0.0 0.0	0.0	0.0	0.0	360	1.0 1.0 1.0	95.8 0.0 0.0	0.0	0.0	0.0
1073	NW_100ad	1.0 1.0 1.0	1.0 1.0 1.0	1.0 1.0 1.0	1.0 1.0 1.0	95.8 0.0 0.0	0.0 0.0 0.0	0.0	0.0	0.0	360	1.0 1.0 1.0	95.8 0.0 0.0	0.0	0.0	0.0
1074	ROY_100_100ad	0.0 0.0 0.0	0.0 0.0 0.0	0.0 0.0 0.0	0.0 0.0 0.0	47.5 37.8 33.4	0.999 0.0 0.0	0.0	0.0	0.0	389	1.0 0.0 0.0	57.2 37.8 33.4	0.0	0.0	0.0
1075	G50B_100_100ad	0.0 1.0 0.0	1.0 1.0 0.0	0.0 0.0 0.0	0.0 1.0 0.0	53.1 -30.0 -43.1	0.0 0.0 0.0	0.0	0.0	0.0	210	0.0 1.0 0.0	53.1 -30.0 -43.1	0.0	0.0	0.0
1076	Y06C_100_100ad	0.0 1.0 0.0	1.0 1.0 0.0	0.0 0.0 0.0	0.0 1.0 0.0	91.5 84.6 66.1	0.0 0.0 0.0	0.0	0.0	0.0	89	1.0 0.0 0.0	91.5 84.6 66.1	0.0	0.0	0.0
1077	B00R_100_100ad	0.0 0.0 1.0	0.0 0.0 1.0	0.0 0.0 0.0	0.0 0.0 1.0	32.5 16.9 44.6	0.0 0.0 0.0	0.0	0.0	0.0	270	0.0 0.0 1.0	32.5 16.9 44.6	0.0	0.0	0.0
1078	B00R_100_100ad	0.0 0.0 1.0	0.0 0.0 1.0	0.0 0.0 0.0	0.0 0.0 1.0	54.3 38.8 74.3	0.0 0.0 0.0	0.0	0.0	0.0	340	0.0 0.0 1.0	54.3 38.8 74.3	0.0	0.0	0.0
1079	B50R_100_100ad	1.0 0.0 0.0	1.0 1.0 0.0	0.0 0.0 0.0	1.0 0.0 0.0	65.4 -12.7 66.6	0.0 0.0 0.0	0.0	1.0	0.0	330	1.0 0.0 0.0	65.4 -12.7 66.6	0.0	0.0	0.0

delta

voir fichiers similaires: <http://130.149.60.45/~farbmetrik/QF49/QF49.HTM>
informations techniques: <http://www.ps.bam.de> ou <http://130.149.60.45/~farbmetrik>

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

graphique TUB-QF49; code de teinte: H*_d=Y25Gd
couleurs et différences, ΔE^*

voir fichiers similaires: <http://130.149.60.45/~farbmetrik/QF49/QF49L0FA.TXT> / .PS
informations techniques: <http://www.ps.bam.de> ou <http://130.149.60.45/~farbmetrik>

Entrée et sortie: Système Printer Reflective FRS06a pour la teinte CIELAB relative $h_{ab,a,rel} = h_{ab}/360 = 102/360 = 0.28$

Données de couleurs périphériques (d)

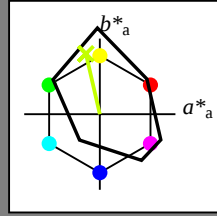
ou élémentaires (e):

HIC^*

code de teinte pour les couleurs de cette page:

$H^*_- = Y25G_-$

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
W _{-,Ma}	91.9	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):

$LabCh^*_{-,Ma}$: 83 -18 79 81 102

$HIC^*_{-,Ma}$: Y25G_100_100

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

0.76 1.0 0.0 1.0 1.0

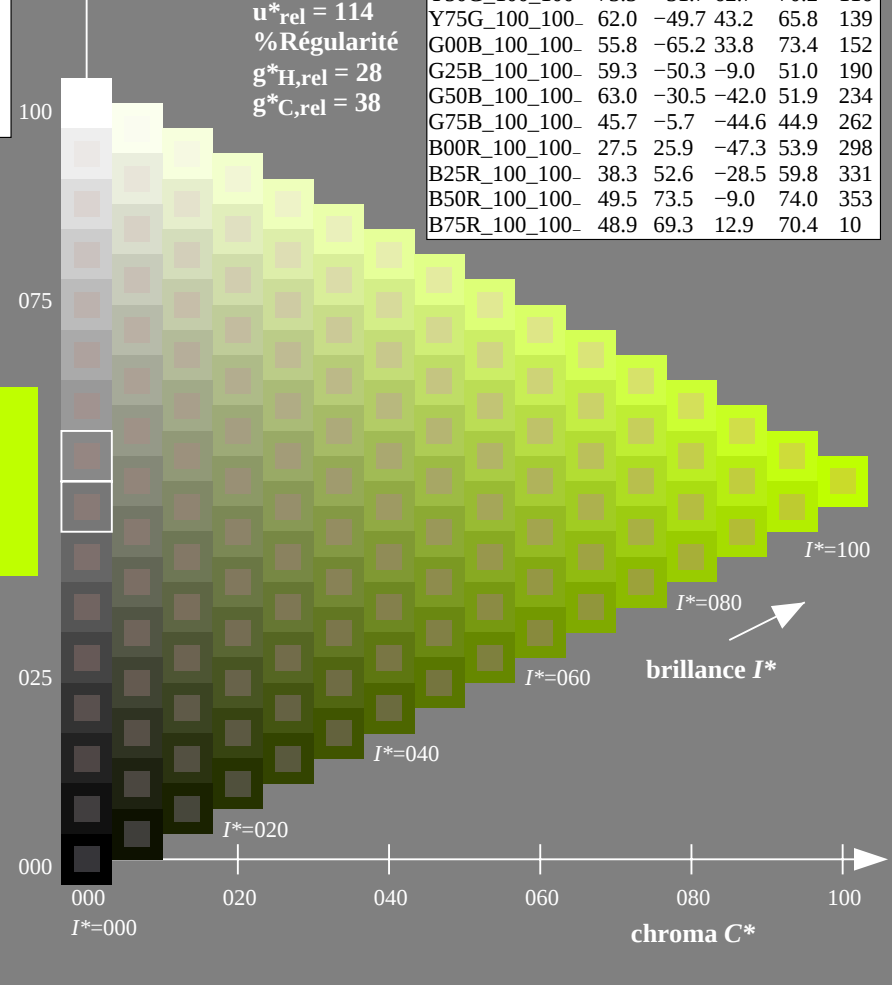
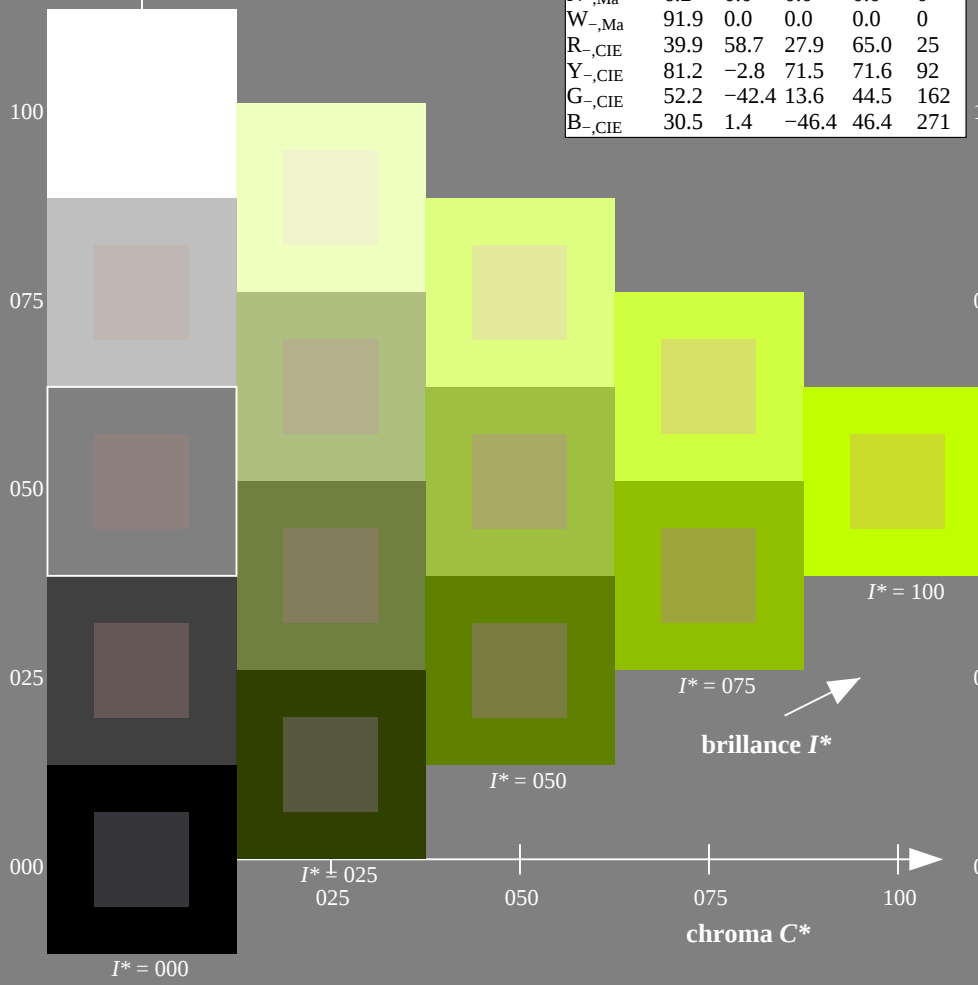
triangle de luminosité T^*

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

$H^*_- = Y25G_-$

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 QF490-7N

graphique TUB-QF49; code de teinte: $H^*_- = Y25G_-$
graphique conforme à DIN 33872, 3D=1, de=1, cmk^*

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

TUB enregistrement: 20130201-QF49/QF49L0FA.TXT / .PS
application pour la mesure des sorties sur imprimante laser

TUB matériel: code=rha4ta

voir fichiers similaires: <http://130.149.60.45/~farbmetrik/QF49/QF49L0FA.TXT> / .PS
informations techniques: <http://www.ps.bam.de> ou <http://130.149.60.45/~farbmetrik>

Entrée et sortie: Système Printer Reflective FRS06a pour la teinte CIELAB relative $h_{ab,a,rel} = h_{ab}/360 = 108/360 = 0.3$

$H^*_e = Y25G_e$

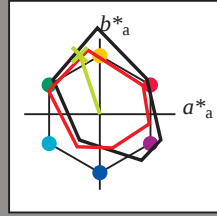
Données de couleurs périphériques (d)
ou élémentaires (e):

HIC^*_e

code de teinte pour les couleurs de cette page:

$H^*_e = Y25G_e$

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):

$LabCh^*_e, Ma$: 85 -26 78 82 108

HIC^*_e, Ma : Y25G_100_100_e

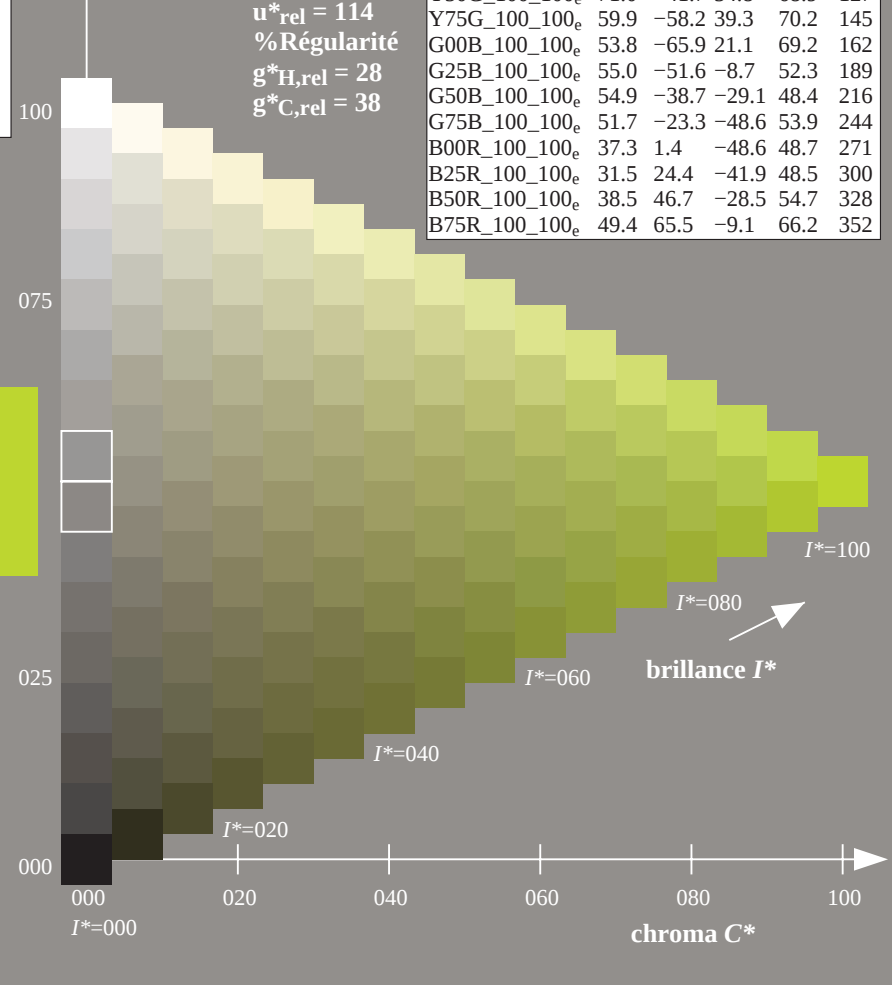
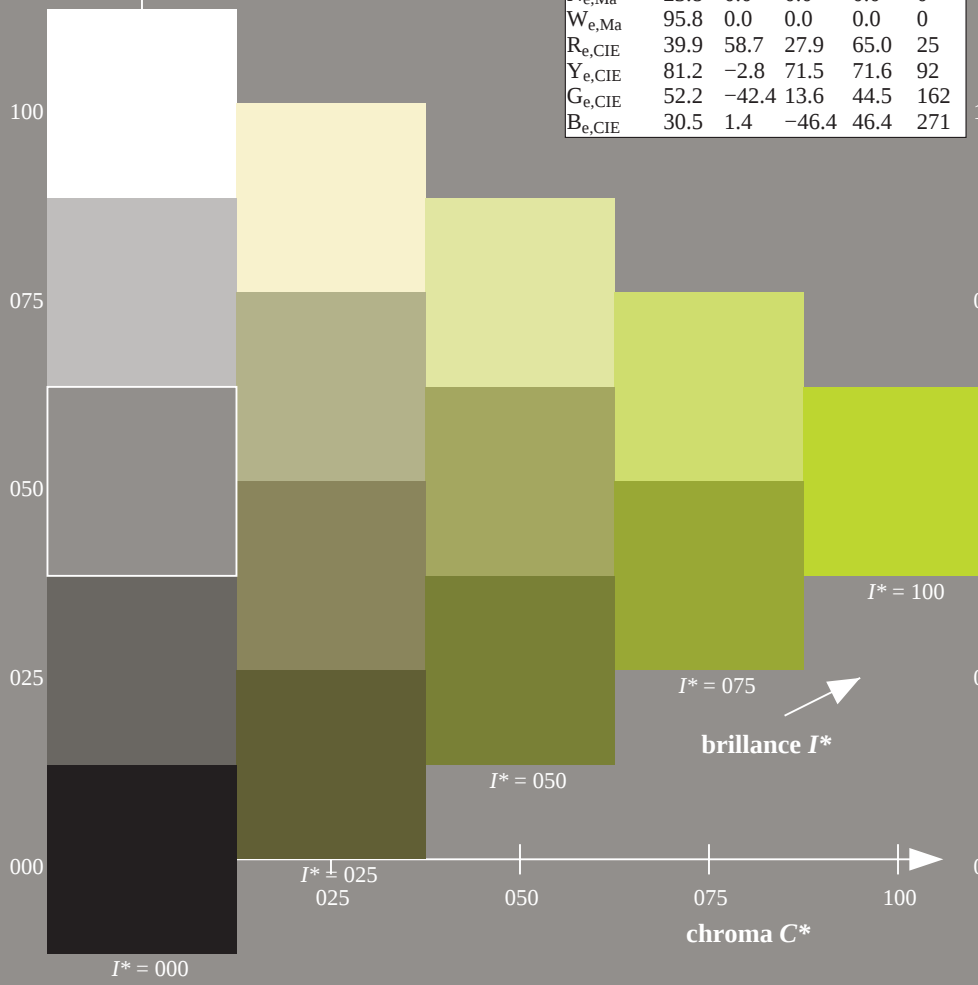
$rgbic^*_e, Ma$:

0.69 1.0 0.0 1.0 1.0

triangle de luminosité T^*

LRS18a; données CIELAB (a) adaptées

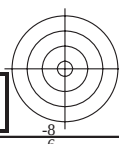
H^*_e	$L^*=L^*_a a^*_a$	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
R00Y_100_100_e	47.5	56.0	26.7	62.1
R25Y_100_100_e	51.4	54.8	47.7	72.6
R50Y_100_100_e	61.8	35.2	58.4	68.2
R75Y_100_100_e	72.3	16.1	68.2	70.1
Y00G_100_100_e	83.6	-3.1	76.8	76.9
Y25G_100_100_e	85.8	-26.4	78.5	82.9
Y50G_100_100_e	71.0	-41.7	54.8	68.9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



graphique TUB-QF49; code de teinte: $H^*_e = Y25G_e$
graphique conforme à DIN 33872, 3D=1, de=1, cmk^*

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

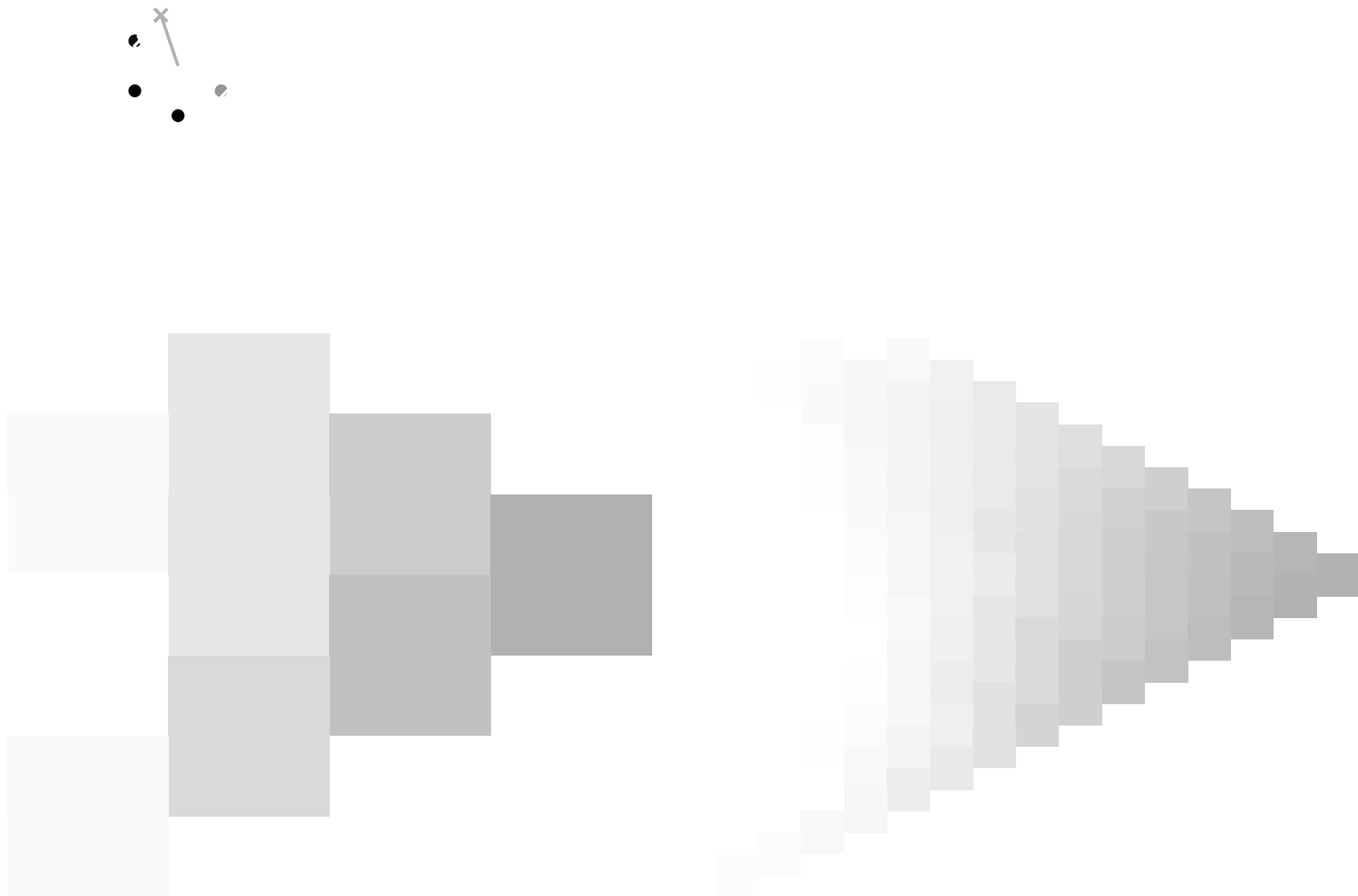
TUB enregistrement: 20130201-QF49/QF49L0FA.TXT /.PS
application pour la mesure des sorties sur imprimante laser, séparation cmk^*_{de} (CMYK)



http://130.149.60.45/~farbmetrik/QF49/QF49L0FA.TXT /.PS; linéarisation 3D
F: linéarisation 3D QF49/QF49LF30FA.DAT dans fichier (F), page 3/33



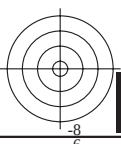
voir fichiers similaires: <http://130.149.60.45/~farbmetrik/QF49/QF49L0FA.TXT>
informations techniques: <http://www.ps.bam.de> ou <http://130.149.60.45/~farbmetrik>



3-113230-L0 QF490-73

graphique TUB-QF49; code de teinte: $H^*_e=Y25G_e$
graphique conforme à DIN 33872, 3D=1, de=1, cmyk*

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



3-113230-F0

Entrée et sortie: Systeme Printer Reflective PRS06a pour la teinte CIELAB relative $h_{ab,abrel} = h_{ab}/360 = 108/360 = 0.3$

$H^*_e = Y25G_e$

Données de couleurs périphériques (d)

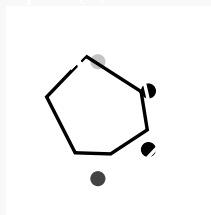
ou élémentaires (e):

HIC^*_e

code de teinte pour les couleurs de cette page:

$H^*_e = Y25G_e$

triangle de luminosité T^*



Les données de couleur maximale (Ma):

$LabCh^*_{e,Ma}: 85 \ -26 \ 78 \ 82 \ 100$

$HIC^*_{e,Ma}: Y25G_{100_100_e}$

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

0.69 1.0 0.0 1.0 1.0

triangle de luminosité T^*

%Gamme

$u^*_{rel} = 114$

%Régularité

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

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



graphique TUB-QF49; code de teinte: $H^*_e=Y25G_e$
graphique conforme à DIN 33872, 3D=1, $de=1$, cmk^*

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

Entrée et sortie: Système Printer Reflective FRS06a pour la teinte CIELAB relative $h_{ab,a,rel} = h_{ab}/360 = 108/360 = 0.3$

$H^*_e = Y25G_e$

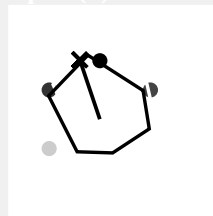
Données de couleurs périphériques (d)
ou élémentaires (e):

HIC^*_e

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

$H^*_e = Y25G_e$

triangle de luminosité T^*



Les données de couleur maximale (Ma):

$LabCh^*_{e,Ma}$: 85 -26 78 82 108

$HIC^*_{e,Ma}$: Y25G_100_100_e

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

0.69 1.0 0.0 1.0 1.0

triangle de luminosité T^*

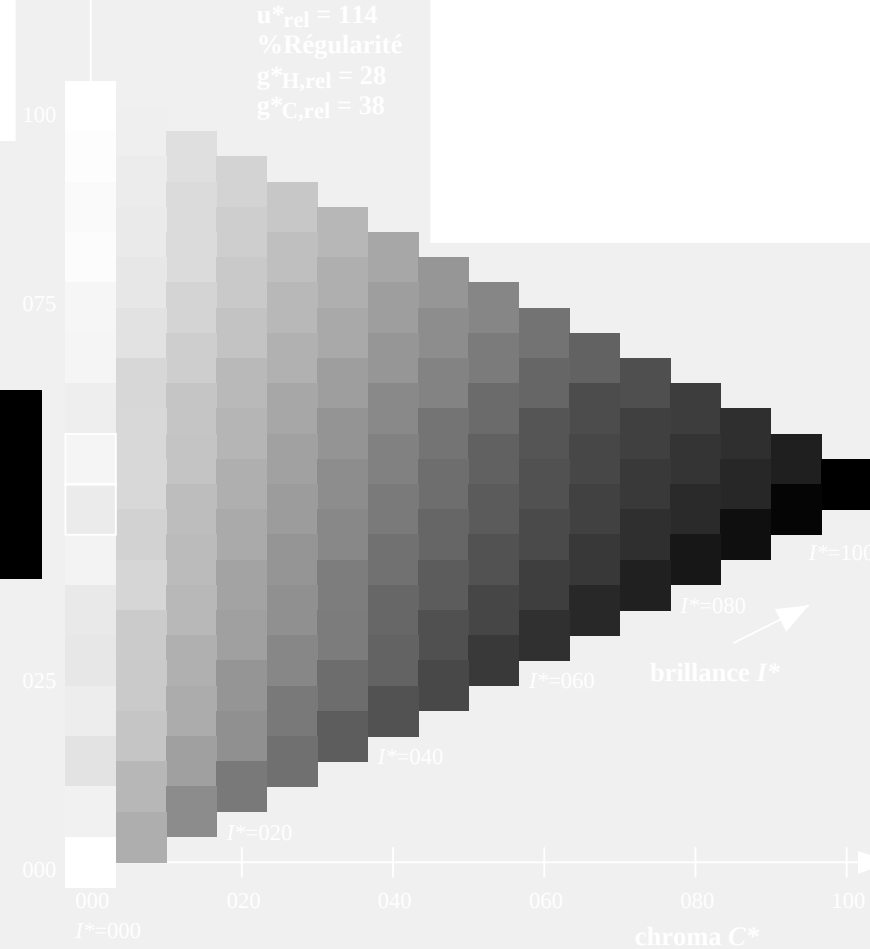
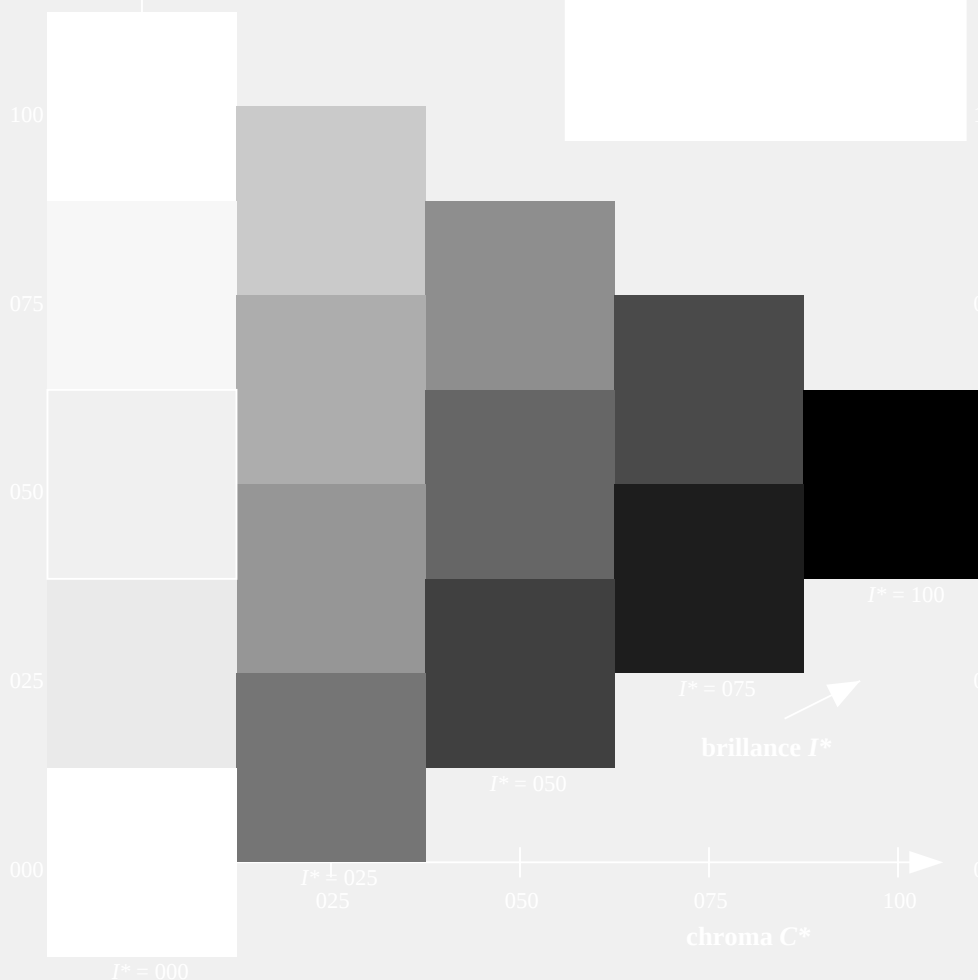
% Gamme

$u^*_{rel} = 114$

% Régularité

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

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



graphique TUB-QF49; code de teinte: $H^*_e = Y25G_e$
graphique conforme à DIN 33872, 3D=1, $de=1$, cmk^*

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

Entrée et sortie: Système Printer Reflective FRS06a pour la teinte CIELAB relative $h_{ab,a,rel} = h_{ab}/360 = 108/360 = 0.3$

$H^*_e = Y25G_e$

Données de couleurs périphériques (d)

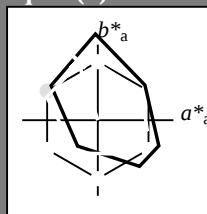
ou élémentaires (e):

HIC^*_e

code de teinte pour les couleurs de cette page:

$H^*_e = Y25G_e$

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):

$LabCh^*_{e,Ma}$: 85 -26 78 82 108

$HIC^*_{e,Ma}$: Y25G_100_100_e

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

0.69 1.0 0.0 1.0 1.0

triangle de luminosité T^*

% Gamme

$u^*_{rel} = 114$

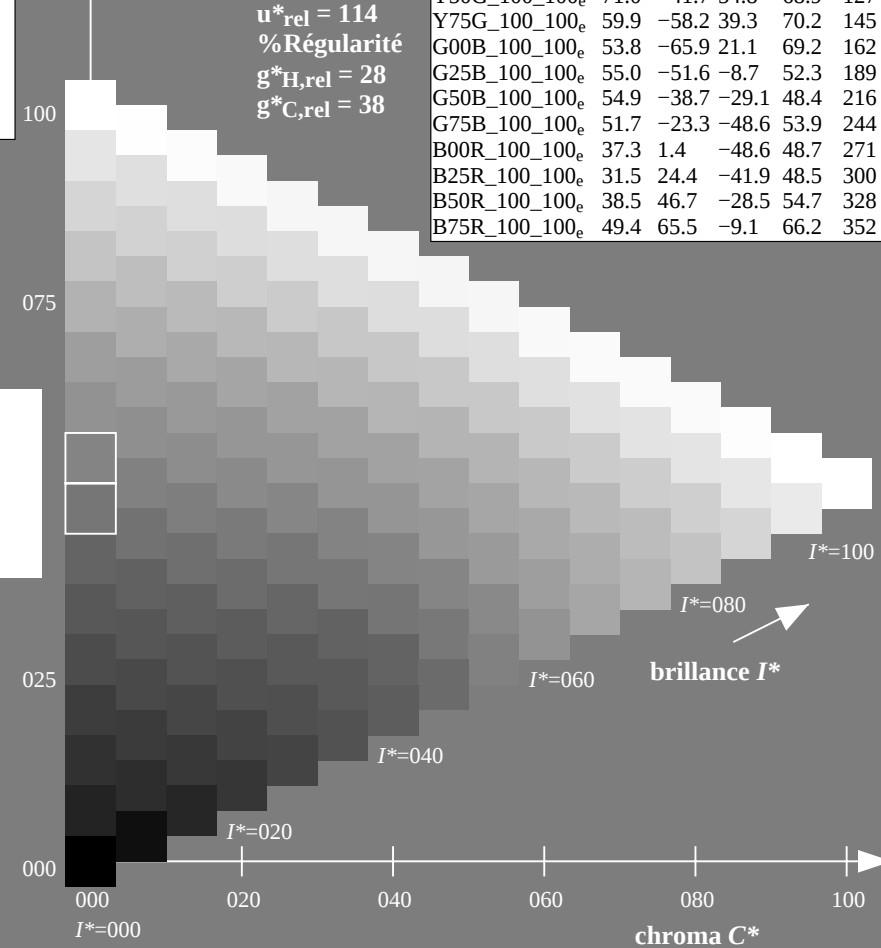
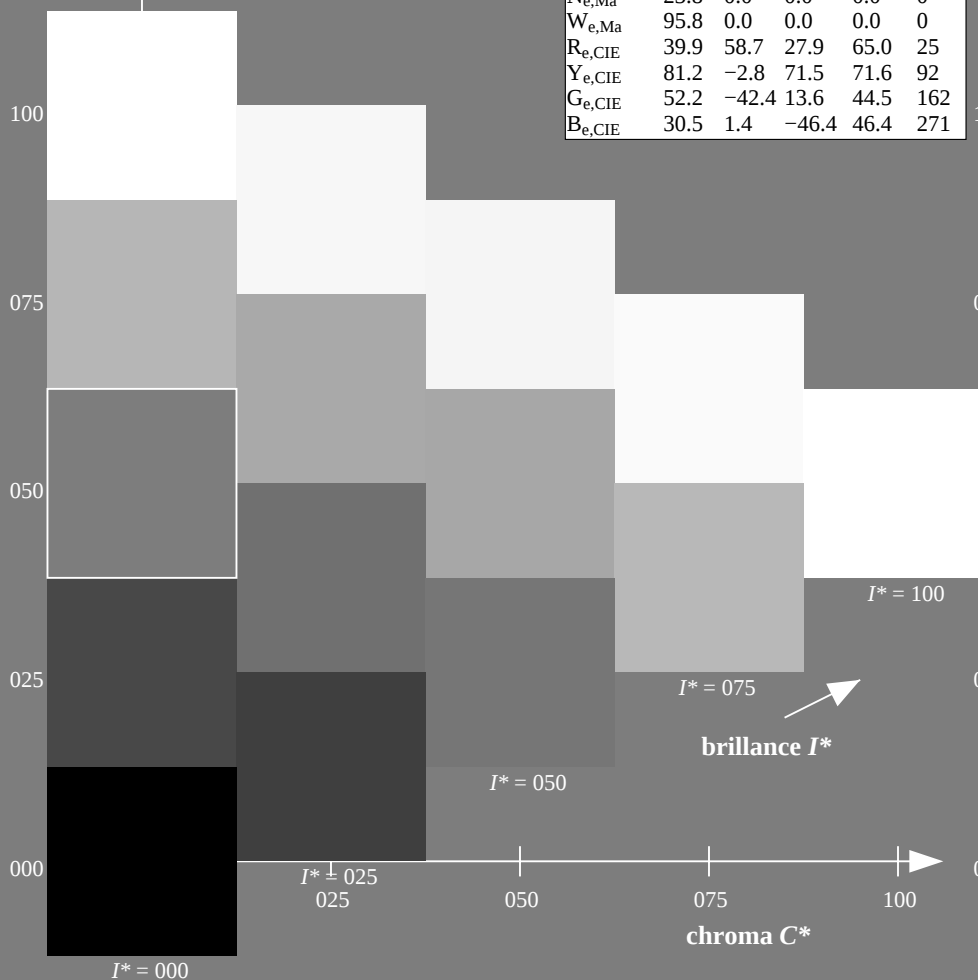
% Régularité

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

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

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-QF49; code de teinte: $H^*_e = Y25G_e$
graphique conforme à DIN 33872, 3D=1, $de=1$, cmk^*

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 $RYGCBM_d$: $h_{ab,d} = 33.5, 100.6, 155.5, 235.2, 290.8, 348.9$; 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 QF490-73 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-QF49; code de teinte: $H^*_e=Y25G_e$
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 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 $RYGCBM_e$: $h_{ab,e} = 25.5, 92.3, 162.2, 217.0, 271.7, 328.6$

h _{ab} d	h _{ab} s	h _{ab} e	rgb*dd64M			LAB*dd64M (x=LabCh)					rgb*ddx361M			LAB*ddx361M (x=LabCh)					rgb*dxx361M			LAB*dxx361M (x=LabCh)					rgb*dex361M			LAB*dex361M				
33.4	30.0	25.4	1.0	0.0	0.0	47.5	57.2	37.8	68.6	33.4	1.0	0.0	0.0	47.6	57.2	37.9	68.6	33	1.0	0.0	0.158	47.7	56.3	32.5	65.0	30	1.0	0.0	0.263	47.6	56.1	26.7	62.1	25
42.1	37.5	33.8	1.0	0.125	0.0	51.9	54.3	49.2	73.2	42.1	1.0	0.117	0.0	51.7	54.6	48.5	73.0	41	1.0	0.05	0.0	49.4	56.3	42.4	70.5	37	1.0	0.0	0.012	47.6	57.2	37.5	68.4	33
52.8	45.0	42.1	1.0	0.25	0.0	58.2	41.8	55.1	69.2	52.8	1.0	0.25	0.0	58.3	41.8	55.2	69.2	52	1.0	0.158	0.0	53.6	51.1	51.1	72.2	45	1.0	0.125	0.0	52.0	54.3	49.2	73.3	42
63.7	52.5	50.5	1.0	0.375	0.0	64.6	29.8	60.4	67.3	63.7	1.0	0.367	0.0	64.2	30.6	60.1	67.5	63	1.0	0.24	0.0	57.8	42.8	54.8	69.6	52	1.0	0.216	0.0	56.6	45.2	53.9	70.3	49
73.8	60.0	58.8	1.0	0.5	0.0	70.5	19.2	66.2	69.0	73.8	1.0	0.5	0.0	70.5	19.2	66.3	69.0	73	1.0	0.332	0.0	62.5	34.0	58.9	68.0	60	1.0	0.32	0.0	61.8	35.2	58.4	68.2	58
80.7	67.5	67.2	1.0	0.625	0.0	74.9	11.4	70.7	71.6	80.7	1.0	0.617	0.0	74.6	12.0	70.5	71.5	80	1.0	0.416	0.0	66.6	26.5	62.5	67.9	67	1.0	0.412	0.0	66.4	26.9	62.3	67.9	66
91.5	75.0	75.6	1.0	0.75	0.0	82.9	-2.0	76.9	77.0	91.5	1.0	0.75	0.0	83.0	-1.9	77.0	77.0	-268	1.0	0.521	0.0	71.3	18.0	67.1	69.5	75	1.0	0.532	0.0	71.6	17.3	67.3	69.7	75
96.8	82.5	83.9	1.0	0.875	0.0	87.6	-9.0	75.7	76.3	96.8	1.0	0.867	0.0	87.3	-8.5	75.9	76.4	96	1.0	0.639	0.0	75.8	10.1	71.6	72.3	82	1.0	0.655	0.0	76.9	8.4	72.5	73.0	83
100.5	90.0	92.3	1.0	1.0	0.0	91.5	-15.8	84.6	86.1	100.5	1.0	1.0	0.0	91.6	-15.7	84.7	86.2	100	1.0	0.732	0.0	81.8	0.0	76.3	76.3	90	1.0	0.769	0.0	83.7	-3.0	76.8	76.9	92
101.4	97.5	101.0	0.875	1.0	0.0	92.8	-18.1	89.4	91.2	101.4	0.883	1.0	0.0	92.7	-17.9	89.1	90.9	101	1.0	0.88	0.0	87.8	-9.3	76.2	76.7	97	1.0	0.996	0.0	91.5	-15.5	84.4	85.8	100
103.9	105.0	109.7	0.75	1.0	0.0	90.1	-21.3	86.0	88.6	103.9	0.75	1.0	0.0	90.1	-21.3	86.0	88.7	103	0.738	1.0	0.0	89.2	-22.5	84.4	87.4	105	0.684	1.0	0.0	84.7	-27.5	76.7	81.5	100
115.0	112.5	118.5	0.625	1.0	0.0	79.9	-31.7	67.9	75.0	115.0	0.633	1.0	0.0	80.6	-31.1	69.2	75.9	114	0.659	1.0	0.0	82.7	-29.4	73.0	78.8	112	0.595	1.0	0.0	77.8	-34			

QF490-73	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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graphique TUB-QF49; code de teinte: $H^*_e=Y25G_e$
cercle chromatique 48 paliers: tableaux *rgb-LabCh**

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

sortie: Laser printer output; separation cmyn6*, D65, page 8/33

TUB enregistrement: 20130201-QF49/QF49L0FA.TXT /.PS TUB matériel: code=rh4ta
application pour la mesure des sorties sur imprimante laser, séparation cmyk* (CMYK)

voir fichiers similaires: <http://130.149.60.45/~farbmestik/QF49/QF49.HTM>
informations techniques: <http://www.ps.bam.de> ou <http://130.149.60.45/~farbmestik>

TUB matériel: code=rha4ta
 ration cmvn6* (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 $RYGCBM_c$; $h_{ab,ds} = 30.0, 90.0, 150.0, 210.0, 270.0, 330.0$;
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

QF490-73

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 9/33

graphique TUB-QF49; code de teinte: $H^*_e=Y25G_e$
cercle chromatique 48 paliers; tableaux $rgb-LabCh^*$

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

TUB enregistrement: 20130201-QF49/QF49L0FA.TXT /.PS
application pour la mesure des sorties sur imprimante laser, séparation cmy6* (CMYK)
TUB matériel: code=rha4ta

Couleur maximale dans le système colorimétrique : Laser printer output; separation 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}	$LAB^*_{ddx361Mi} (x=LabCh)$	R_d	$rgb^*_{ds361Mi}$	$LAB^*_{dsx361Mi} (x=LabCh)$	R_s	$rgb^*_{dd361Mi}$	$LAB^*_{dex361Mi} (x=LabCh)$	R_e	$rgb^*_{dd361Mi}$	$rgb^*_{ds361Mi}$	$rgb^*_{de361Mi}$										
33	30	25	1.0	0.0	0.0	47.5	57.2	37.8	68.6	33	1.0	0.0	0.0	0.0										
34	31	26	1.0	0.016	0.0	48.1	56.9	39.3	69.2	34	1.0	0.0	0.017	0.0										
35	32	27	1.0	0.033	0.0	48.7	56.6	40.8	69.8	35	1.0	0.0	0.033	0.0										
36	33	28	1.0	0.05	0.0	49.3	56.3	42.3	70.4	36	1.0	0.0	0.05	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										
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										
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										
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										
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										
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										
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										
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										
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										
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										
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										
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										
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										
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										
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										
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										
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										
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										
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										
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										
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										
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										
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										
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										
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										
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										
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										
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										
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										
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										
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										
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										
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										
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										
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										
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										
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										
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										
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										
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										
-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										
-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										

3-113930-L0 QF490-73 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-QF49; code de teinte: $H^*_e=Y25G_e$
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/QF49/QF49L0FA.TXT> / .PS
informations techniques: <http://www.ps.bam.de> ou <http://130.149.60.45/~farbmetrik>

TUB enregistrement: 20130201-QF49/QF49L0FA.TXT /.PS TUB matériel: code=rha4ta
application pour la mesure des sorties sur imprimante laser, séparation cmy6* (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 $RYGCBM_g$; $h_{ab,d} = 33.5, 100.6, 155.5, 235.2, 290.8, 348.9$; 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)	$rgb^*_{dd361Mi}$	$rgb^*_{de361Mi}$	$LAB^*_{dex361Mi}$ (x=LabCh)	$rgb^*_{dd361Mi}$	$rgb^*_{dd361Mi}$	
127	120	127	0.5	1.0	0.0	70.9	-41.7 54.8	68.9	127	0.5	1.0	0.0
128	121	128	0.483	1.0	0.0	70.4	-42.6 53.9	68.7	128	0.483	1.0	0.0
129	122	129	0.466	1.0	0.0	69.8	-43.4 53.0	68.5	129	0.466	1.0	0.0
130	123	130	0.45	1.0	0.0	69.2	-44.2 52.1	68.3	130	0.45	1.0	0.0
131	124	131	0.433	1.0	0.0	68.6	-45.0 51.2	68.2	131	0.433	1.0	0.0
132	125	133	0.416	1.0	0.0	68.0	-45.7 50.3	68.0	132	0.417	1.0	0.0
133	126	134	0.4	1.0	0.0	67.4	-46.5 49.4	67.8	133	0.4	1.0	0.0
134	127	135	0.383	1.0	0.0	66.8	-47.2 48.5	67.7	134	0.383	1.0	0.0
135	128	136	0.366	1.0	0.0	66.1	-48.2 47.5	67.7	135	0.367	1.0	0.0
136	129	137	0.35	1.0	0.0	65.4	-49.5 46.6	68.1	136	0.35	1.0	0.0
138	130	138	0.333	1.0	0.0	64.6	-50.9 45.7	68.4	138	0.333	1.0	0.0
139	131	140	0.316	1.0	0.0	63.8	-52.2 44.7	68.7	139	0.317	1.0	0.0
140	132	141	0.3	1.0	0.0	63.0	-53.5 43.7	69.1	140	0.3	1.0	0.0
142	133	142	0.283	1.0	0.0	62.2	-54.7 42.6	69.4	142	0.283	1.0	0.0
143	134	143	0.266	1.0	0.0	61.4	-56.0 41.5	69.7	143	0.267	1.0	0.0
144	135	144	0.25	1.0	0.0	60.6	-57.2 40.4	70.1	144	0.25	1.0	0.0
145	136	145	0.233	1.0	0.0	60.1	-57.9 39.6	70.2	145	0.233	1.0	0.0
146	137	147	0.216	1.0	0.0	59.6	-58.6 38.9	70.3	146	0.217	1.0	0.0
147	138	148	0.2	1.0	0.0	59.1	-59.3 38.1	70.5	147	0.2	1.0	0.0
148	139	149	0.183	1.0	0.0	58.7	-59.9 37.3	70.6	148	0.183	1.0	0.0
148	140	150	0.166	1.0	0.0	58.2	-60.6 36.4	70.7	148	0.167	1.0	0.0
149	141	151	0.15	1.0	0.0	57.7	-61.2 35.6	70.9	149	0.15	1.0	0.0
150	142	152	0.133	1.0	0.0	57.2	-61.9 34.8	71.0	150	0.133	1.0	0.0
151	143	154	0.116	1.0	0.0	56.8	-62.5 34.1	71.3	151	0.117	1.0	0.0
151	144	155	0.1	1.0	0.0	56.4	-63.3 33.7	71.7	151	0.1	1.0	0.0
152	145	156	0.083	1.0	0.0	56.1	-64.0 33.2	72.1	152	0.083	1.0	0.0
153	146	157	0.066	1.0	0.0	55.7	-64.7 32.8	72.6	153	0.067	1.0	0.0
153	147	158	0.049	1.0	0.0	55.4	-65.5 32.3	73.0	153	0.05	1.0	0.0
154	148	159	0.033	1.0	0.0	55.0	-66.2 31.8	73.5	154	0.033	1.0	0.0
154	149	161	0.016	1.0	0.0	54.7	-66.9 31.3	73.9	154	0.017	1.0	0.0
155	150	162	0.0	1.0	0.0	54.3	-67.6 30.8	74.3	155	0.0	1.0	0.0
156	151	163	0.0	1.0	0.016	54.2	-67.5 29.7	73.8	156	0.0	1.0	0.017
156	152	164	0.0	1.0	0.033	54.2	-67.4 28.6	73.2	156	0.0	1.0	0.033
157	153	164	0.0	1.0	0.05	54.1	-67.2 27.6	72.7	157	0.0	1.0	0.05
158	154	165	0.0	1.0	0.066	54.0	-67.1 26.6	72.1	158	0.0	1.0	0.067
159	155	166	0.0	1.0	0.083	53.9	-66.9 25.5	71.6	159	0.0	1.0	0.083
159	156	167	0.0	1.0	0.1	53.9	-66.7 24.5	71.1	159	0.0	1.0	0.1
160	157	168	0.0	1.0	0.116	53.8	-66.5 23.5	70.5	160	0.0	1.0	0.117
161	158	169	0.0	1.0	0.133	53.8	-66.2 22.3	69.9	161	0.0	1.0	0.133
162	159	170	0.0	1.0	0.15	53.8	-65.8 20.8	69.1	162	0.0	1.0	0.15
163	160	171	0.0	1.0	0.166	53.8	-65.5 19.4	68.3	163	0.0	1.0	0.167
164	161	172	0.0	1.0	0.183	53.8	-65.0 18.1	67.5	164	0.0	1.0	0.183
165	162	173	0.0	1.0	0.2	53.8	-64.6 16.7	66.7	165	0.0	1.0	0.2
166	163	174	0.0	1.0	0.216	53.7	-64.1 15.4	66.0	166	0.0	1.0	0.217
167	164	175	0.0	1.0	0.233	53.7	-63.6 14.1	65.2	167	0.0	1.0	0.233
168	165	175	0.0	1.0	0.25	53.7	-63.1 12.8	64.4	168	0.0	1.0	0.25

3-1131130-L0 QF490-73 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-QF49; code de teinte: $H^*_e=Y25G_e$
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 $RYGCBM_c$; $h_{ab,ds} = 30.0, 90.0, 150.0, 210.0, 270.0, 330.0$;
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}	$LAB^*_{dd361M}(x=LabCh)$	$rgb^*_{ds361Mi}$	$LAB^*_{ds361Mi}(x=LabCh)$	$rgb^*_{dd361Mi}$	$LAB^*_{dd361Mi}$	$rgb^*_{de361Mi}$	$LAB^*_{de361Mi}(x=LabCh)$	$rgb^*_{dd361Mi}$	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 QF490-73 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-QF49; code de teinte: $H^*_e=Y25G_e$
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 $RYGCBM_s$; $h_{ab,ds} = 30.0, 90.0, 150.0, 210.0, 270.0, 330.0$;

$h_{ab,d}$	$h_{ab,s}$	$h_{ab,e}$	rgb^*_{ds361M}	$LAB^*_{dxd361Mi}(x=LabCh)$	C_d	$rgb^*_{ds361Mi}$	$LAB^*_{dxd361Mi}(x=LabCh)$	C_s	$rgb^*_{dd361Mi}$	$LAB^*_{dex361Mi}(x=LabCh)$	$rgb^*_{dd361Mi}$	$rgb^*_{dd361Mi}$	rgb^*_{ds}	rgb^*_{ds}	rgb^*_{ds}
235	211	217	0.0	0.983 1.0	53.1	-29.7 -43.3 52.5	235	0.0	1.0	0.792 55.0	-38.6 -29.0 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	0.822 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	0.837 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	0.853 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	0.868 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	0.88 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	0.888 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	0.897 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	0.906 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	0.914 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	0.923 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	0.932 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	0.94 53.8	-33.5 -38.3 51.1	228	0.0	0.783 1.0	
240	224	229	0.0	0.766 1.0	52.9	-26.2 -47.2 53.9	240	0.0	1.0	0.949 53.7	-33.0 -39.0 51.3	229	0.0	0.767 1.0	
241	225	230	0.0	0.75 1.0	52.9	-25.9 -47.5 54.1	241	0.0	1.0	0.957 53.6	-32.5 -39.7 51.5	230	0.0	0.75 1.0	
242	226	231	0.0	0.733 1.0	52.6	-25.2 -47.8 54.1	242	0.0	1.0	0.966 53.5	-32.0 -40.4 51.7	231	0.0	0.733 1.0	
242	227	232	0.0	0.716 1.0	52.2	-24.5 -48.1 54.0	242	0.0	1.0	0.975 53.4	-31.5 -41.1 51.9	232	0.0	0.717 1.0	
243	228	233	0.0	0.7 1.0	51.9	-23.9 -48.4 54.0	243	0.0	1.0	0.983 53.3	-31.0 -41.7 52.1	233	0.0	0.7 1.0	
244	229	234	0.0	0.683 1.0	51.6	-23.2 -48.6 53.9	244	0.0	1.0	0.992 53.2	-30.4 -42.4 52.3	234	0.0	0.683 1.0	
245	230	235	0.0	0.666 1.0	51.3	-22.5 -48.9 53.8	245	0.0	1.0	0.997 1.0	53.1 -29.9 -43.1 52.5	235	0.0	0.667 1.0	
246	231	236	0.0	0.65 1.0	51.0	-21.8 -49.1 53.8	246	0.0	1.0	0.956 1.0	53.1 -29.2 -43.6 52.6	236	0.0	0.65 1.0	
246	232	237	0.0	0.633 1.0	50.7	-21.1 -49.4 53.7	246	0.0	1.0	0.916 1.0					

3-1131330-L0	QF490-73	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-QF49; code de teinte: $H^*_e=Y25G_e$
cercle chromatique 48 paliers; tableaux *rgb-LabCh**

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

TUB enregistrement: 20130201-QF49/QF49L0FA.TXT /.PS TUB matériel: code=rh4ta
application pour la mesure des sorties sur imprimante laser, séparation cmyk6* (CMYK)

voir fichiers similaires: <http://130.149.60.45/~farbmeterik/QF49/QF49.HTM>
informations techniques: <http://www.ps.bam.de> ou <http://130.149.60.45/~farbmeterik>

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

$h_{ab,d}$	$h_{ab,s}$	$h_{ab,e}$	rgb^*_{dd361M}	$LAB^*_{dsx361Mi}$ (x=LabCh)	$rgb^*_{ds361Mi}$	$LAB^*_{dsx361Mi}$ (x=LabCh)	$rgb^*_{dd361Mi}$	$rgb^*_{de361Mi}$	$LAB^*_{dex361Mi}$ (x=LabCh)	$rgb^*_{dd361Mi}$					
272	255	258	0.0	0.25 1.0	36.8	2.2	-48.5 48.6	272	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	0.0	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	0.0	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	0.0	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	0.0	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	0.0	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	0.0	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	0.0	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	0.0	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	0.0	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	0.0	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	0.0	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	0.0	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	0.0	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	0.0	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	0.0	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	0.0	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	0.0	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	0.0	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	0.0	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	0.0	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	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	

3-1131430-L0 QF490-73 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-QF49; code de teinte: $H^*_e=Y25G_e$
cercle chromatique 48 paliers; tableaux $rgb-LabCh^*$

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

sortie: Laser printer output; separation cmyn6*, D65, page 15/33

3-1131430-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 $RYGCBM_a$: $h_{ab,d} = 33.5, 100.6, 155.5, 235.2, 290.8, 348.9$; 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]

3-1131630-L0	QF490-73	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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graphique TUB-QF49; code de teinte: $H^*_e=Y25G_e$
cercle chromatique 48 paliers: tableaux *rgb-LabCh**

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

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

TUB enregistrement: 20130201-QF49/QF49L0FA.TXT /.PS TUB matériel: code=rh4ta
 application pour la mesure des sorties sur imprimante laser, séparation cmyk6* (CMYK)

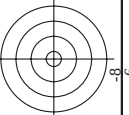
nj	HC*File	rgb_*file	ic*_File	hs*_File	rgb*_File	LabCh*File	cmyk*_sep*File	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100	101	102	103	104	105	106	107	108	109	110	111	112	113	114	115	116	117	118	119	120	121	122	123	124	125	126	127	128	129	130	131	132	133	134	135	136	137	138	139	140	141	142	143	144	145	146	147	148	149	150	151	152	153	154	155	156	157	158	159	160	161	162	163	164	165	166	167	168	169	170	171	172	173	174	175	176	177	178	179	180	181	182	183	184	185	186	187	188	189	190	191	192	193	194	195	196	197	198	199	200	201	202	203	204	205	206	207	208	209	210	211	212	213	214	215	216	217	218	219	220	221	222	223	224	225	226	227	228	229	230	231	232	233	234	235	236	237	238	239	240	241	242	243	244	245	246	247	248	249	250	251	252	253	254	255	256	257	258	259	260	261	262	263	264	265	266	267	268	269	270	271	272	273	274	275	276	277	278	279	280	281	282	283	284	285	286	287	288	289	290	291	292	293	294	295	296	297	298	299	300	301	302	303	304	305	306	307	308	309	310	311	312	313	314	315	316	317	318	319	320	321	322	323	324	325	326	327	328	329	330	331	332	333	334	335	336	337	338	339	340	341	342	343	344	345	346	347	348	349	350	351	352	353	354	355	356	357	358	359	360	361	362	363	364	365	366	367	368	369	370	371	372	373	374	375	376	377	378	379	380	381	382	383	384	385	386	387	388	389	390	391	392	393	394	395	396	397	398	399	400	401	402	403	404	405	406	407	408	409	410	411	412	413	414	415	416	417	418	419	420	421	422	423	424	425	426	427	428	429	430	431	432	433	434	435	436	437	438	439	440	441	442	443	444	445	446	447	448	449	450	451	452	453	454	455	456	457	458	459	460	461	462	463	464	465	466	467	468	469	470	471	472	473	474	475	476	477	478	479	480	481	482	483	484	485	486	487	488	489	490	491	492	493	494	495	496	497	498	499	500	501	502	503	504	505	506	507	508	509	510	511	512	513	514	515	516	517	518	519	520	521	522	523	524	525	526	527	528	529	530	531	532	533	534	535	536	537	538	539	540	541	542	543	544	545	546	547	548	549	550	551	552	553	554	555	556	557	558	559	560	561	562	563	564	565	566	567	568	569	570	571	572	573	574	575	576	577	578	579	580	581	582	583	584	585	586	587	588	589	590	591	592	593	594	595	596	597	598	599	600	601	602	603	604	605	606	607	608	609	610	611	612	613	614	615	616	617	618	619	620	621	622	623	624	625	626	627	628	629	630	631	632	633	634	635	636	637	638	639	640	641	642	643	644	645	646	647	648	649	650	651	652	653	654	655	656	657	658	659	660	661	662	663	664	665	666	667	668	669	670	671	672	673	674	675	676	677	678	679	680	681	682	683	684	685	686	687	688	689	690	691	692	693	694	695	696	697	698	699	700	701	702	703	704	705	706	707	708	709	710	711	712	713	714	715	716	717	718	719	720	721	722	723	724	725	726	727	728	729	730	731	732	733	734	735	736	737	738	739	740	741	742	743	744	745	746	747	748	749	750	751	752	753	754	755	756	757	758	759	760	761	762	763	764	765	766	767	768	769	770	771	772	773	774	775	776	777	778	779	780	781	782	783	784	785	786	787	788	789	790	791	792	793	794	795	796	797	798	799	800	801	802	803	804	805	806	807	808	809	810	811	812	813	814	815	816	817	818	819	820	821	822	823	824	825	826	827	828	829	830	831	832	833	834	835	836	837	838	839	840	841	842	843	844	845	846	847	848	849	850	851	852	853	854	855	856	857	858	859	860	861	862	863	864	865	866	867	868	869	870	871	872	873	874	875	876	877	878	879	880	881	882	883	884	885	886	887	888	889	890	891	892	893	894	895	896	897	898	899	900	901	902	903	904	905	906	907	908	909	910	911	912	913	914	915	916	917	918	919	920	921	922	923	924	925	926	927	928	929	930	931	932	933	934	935	936	937	938	939	940	941	942	943	944	945	946	947	948	949	950	951	952	953	954	955	956	957	958	959	960	961	962	963	964	965	966	967	968	969	970	971	972	973	974	975	976	977	978	979	980	981	982	983	984	985	986	987	988	989	990	991	992	993	994	995	996	997	998	999	1000
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voir fichiers similaires: <http://130.149.60.45/~farbmatrik/QF49/QF49.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 $cmyk^*_{de}$

<i>n/j</i>	<i>HIC₅₀</i>	<i>rgb₅₀</i>	<i>lcl₅₀</i>	<i>h₅₀</i>	<i>rgb₅₀</i>	<i>LabCH₅₀</i>	<i>cmym₅₀</i>	<i>cmym₅₀</i>	<i>h₅₀</i>	<i>rgb₅₀</i>	<i>LabCH₅₀</i>	<i>delta</i>
0/648	R066	1.0	0.0	0.5	390	0.0	0.0	0.0	375	0.0	0.0	25.4
1/666	R25Y_100_100de	1.0	0.25	0.5	44	0.0	0.0	0.0	35	1.0	0.0	62.1
2/684	R50Y_100_100de	1.0	0.5	0.5	60	0.0	0.0	0.0	48	1.0	0.0	26.7
3/702	R75Y_100_100de	1.0	0.75	0.5	76	0.0	0.0	0.0	63	0.0	0.0	56.0
4/720	Y00G_100_100de	1.0	1.0	0.5	90	0.0	0.0	0.0	83	0.0	0.0	47.7
5/558	Y25G_100_100de	0.75	1.0	0.5	104	0.0	0.0	0.0	107	0.0	0.0	51.4
6/396	Y50G_100_100de	0.5	1.0	0.5	120	0.0	0.0	0.0	119	0.0	0.0	68.2
7/234	Y75G_100_100de	0.25	1.0	0.5	136	0.0	0.0	0.0	137	0.0	0.0	35.2
8/72	G00B_100_100de	0.0	1.0	0.5	150	0.0	0.0	0.0	157	0.0	0.0	71.0
9/72	G00B_100_100de	0.0	1.0	0.5	150	0.0	0.0	0.0	157	0.0	0.0	85.8
10/76	G25B_100_100de	0.0	1.0	0.5	180	0.0	0.0	0.0	179	0.0	0.0	76.8
11/80	G50B_100_100de	0.0	1.0	0.5	210	0.0	0.0	0.0	198	0.0	0.0	62.1
12/44	G75B_100_100de	0.0	0.5	1.0	240	0.0	0.0	0.0	227	0.0	0.0	58.4
13/38	B00M_100_100de	0.0	0.0	1.0	270	0.0	0.0	0.0	255	0.0	0.0	68.2
14/32	B25R_100_100de	0.5	0.0	1.0	300	0.138	0.0	0.0	277	0.138	0.0	31.1
15/652	B50R_100_100de	1.0	0.0	1.0	330	0.584	0.0	0.0	305	0.584	0.0	85.8
16/688	B75R_100_100de	1.0	0.0	1.0	360	1.0	0.0	0.0	339	1.0	0.0	71.0
17/648	R00Y_100_100de	1.0	0.0	0.5	390	0.0	0.0	0.0	375	0.0	0.0	59.9
18/688	R00Y_100_050de	1.0	0.5	0.5	390	0.0	0.0	0.0	375	0.0	0.0	53.8
19/606	R00Y_075_050de	0.75	0.25	0.5	390	0.5	0.0	0.0	375	0.0	0.0	53.8
20/542	R50Y_100_050de	0.75	0.25	0.5	390	0.0	0.0	0.0	375	0.0	0.0	53.8
21/542	R50Y_075_050de	0.75	0.25	0.5	390	0.0	0.0	0.0	375	0.0	0.0	53.8
22/542	Y00G_100_050de	0.75	0.25	0.5	90	0.0	0.0	0.0	77	0.0	0.0	53.8
23/380	Y50G_075_050de	0.5	0.5	0.5	120	0.0	0.0	0.0	119	0.0	0.0	53.8
32/218	G00B_075_050de	0.25	0.75	0.5	150	0.0	0.0	0.0	157	0.0	0.0	53.8
32/222	G50B_075_050de	0.25	0.75	0.5	210	0.0	0.0	0.0	198	0.0	0.0	53.8
33/186	B00R_075_050de	0.25	0.75	0.5	270	0.0	0.0	0.0	255	0.0	0.0	53.8
34/510	B50R_075_050de	0.75	0.25	0.5	330	0.542	0.0	0.0	305	0.584	0.0	53.8
35/506	R00Y_075_050de	0.75	0.25	0.5	390	0.0	0.0	0.0	375	0.0	0.0	53.8
36/324	R00Y_050_050de	0.5	0.0	0.5	390	0.0	0.0	0.0	375	0.0	0.0	53.8
37/342	R50Y_050_050de	0.5	0.25	0.5	60	0.0	0.0	0.0	48	1.0	0.0	53.8
38/360	Y00G_050_050de	0.5	0.5	0.5	90	0.0	0.0	0.0	77	0.0	0.0	53.8



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

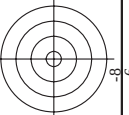
graphique TUB-QF49; code de teinte: $H_e^* = Y25G_e$

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

<i>n</i>	HIC [°] Fide	<i>rgb</i> [°] Fide	<i>lct</i> [°] Fide	<i>hsa</i> [°] Fide	<i>rgb</i> [°] Fide	<i>LabCH</i> [°] Fide	<i>cmyp</i> [°] sepFide	<i>hsa</i> [°] Mid	<i>rgb</i> [°] Mid	<i>LabCH</i> [°] Mid	<i>delta</i>
162	R00Y_025_025e25e	0.25	0.0	0.0	0.25	0.0	0.0	0.435	0.596	0.0	0.728
163	R00Y_025_025e25e	0.25	0.125	0.0	0.25	0.0	0.065	0.194	0.0	0.827	62.1
164	B50R_025_025e25e	0.25	0.125	360	0.25	0.0	0.0	0.581	0.0	0.0	25.4
165	B34R_037_037e25e	0.25	0.0	330	0.146	0.0	0.0	0.522	0.0	0.0	66.2
166	B25R_050_050e25e	0.25	0.0	330	0.107	0.0	0.0	0.256	0.0	0.0	352.0
167	B25R_050_050e25e	0.25	0.5	0.0	0.069	0.0	0.0	0.615	0.0	0.0	13.6
168	B19R_062_062e25e	0.25	0.0	0.0	0.025	0.0	0.0	0.585	0.0	0.0	328.6
169	B19R_075_075e25e	0.25	0.0	0.0	0.069	0.0	0.0	0.451	0.0	0.0	13.6
170	B19R_087_087e25e	0.25	0.0	0.0	0.017	0.0	0.0	0.704	0.0	0.0	29.2
171	B13R_087_087e25e	0.25	0.0	0.0	0.001	0.0	0.0	0.615	0.0	0.0	300.1
172	B11R_100_100e25e	0.25	0.0	0.0	0.001	0.0	0.0	0.759	0.0	0.0	0.0
173	R00Y_025_025e25e	0.25	0.125	0.0	0.001	0.0	0.0	0.789	0.0	0.0	27.2
174	R00Y_025_025e25e	0.25	0.125	360	0.0	0.045	0.0	0.0415	0.0	0.0	34.2
175	B25R_037_037e25e	0.25	0.125	330	0.0	0.0875	0.0	0.0415	0.0	0.0	16.1
176	B15R_050_050e25e	0.25	0.125	360	0.0	0.0875	0.0	0.0415	0.0	0.0	47.6
177	B19R_062_062e25e	0.25	0.125	360	0.0	0.0875	0.0	0.0415	0.0	0.0	289.7
178	B07R_087_087e25e	0.25	0.125	360	0.0	0.0875	0.0	0.0415	0.0	0.0	47.6
179	B06R_100_087e25e	0.25	0.125	360	0.0	0.0875	0.0	0.0415	0.0	0.0	286.9
180	Y00G_025_025e25e	0.25	0.125	90	0.0	0.0875	0.0	0.0415	0.0	0.0	47.6
181	Y00G_025_025e25e	0.25	0.125	90	0.0	0.0875	0.0	0.0415	0.0	0.0	285.0
182	NW_025e25e	0.25	0.125	360	0.0	0.0875	0.0	0.0415	0.0	0.0	58.8
183	NW_037_037e25e	0.25	0.125	360	0.0	0.0875	0.0	0.0415	0.0	0.0	62.1
184	B00R_062_062e25e	0.25	0.125	360	0.0	0.0875	0.0	0.0415	0.0	0.0	25.4
185	B00R_062_062e25e	0.25	0.125	360	0.0	0.0875	0.0	0.0415	0.0	0.0	32.6
186	B00R_075_075e25e	0.25	0.125	360	0.0	0.0875	0.0	0.0415	0.0	0.0	38.5
187	B00R_087_087e25e	0.25	0.125	360	0.0	0.0875	0.0	0.0415	0.0	0.0	48.5
188	B00R_100_075e25e	0.25	0.125	360	0.0	0.0875	0.0	0.0415	0.0	0.0	300.1
189	Y31G_037_037e25e	0.25	0.125	109	0.0	0.0875	0.0	0.0415	0.0	0.0	293.5
190	Y30G_037_037e25e	0.25	0.125	120	0.0	0.0875	0.0	0.0415	0.0	0.0	47.6
191	G50B_037_037e25e	0.25	0.125	150	0.0	0.0875	0.0	0.0415	0.0	0.0	286.9
192	G50B_037_037e25e	0.25	0.125	150	0.0	0.0875	0.0	0.0415	0.0	0.0	47.6
193	G75B_050_050e25e	0.25	0.125	210	0.0	0.0875	0.0	0.0415	0.0	0.0	285.0
194	G84B_062										

CE490-7N 22/33-F

3-1132130-F0



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

graphique TUB-QF49; code de teinte: H*_p=Y25G₉

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

	HIC ^{Fid}	rgb ^{Fid}	icL ^{Fid}	hsa ^{Fid}	rgb ^{Fid}	LabCh ^{Fid}	cmv ^{sepFid}	hsa ^{Nde}	rgb ^{Nde}	LabCh ^{Nde}
05	R30Y_062_062Ae	0.625 0.0 0.0	0.625 0.625 0.312	390	0.625 0.0	38.6	0.0	0.842	0.612	0.41
06	R30Y_062_062Ae	0.625 0.0 0.125	0.625 0.625 0.312	379	0.625 0.0	36.4	0.0	0.836	0.466	0.409
07	R18Y_062_062Ae	0.625 0.0 0.25	0.625 0.625 0.312	367	0.625 0.0	41.1	0.0	0.829	0.312	0.41
08	B69R_062_062Ae	0.625 0.0 0.375	0.625 0.625 0.312	353	0.625 0.0	39.1	0.0	0.812	0.157	0.42
09	B50R_062_062Ae	0.625 0.0 0.5	0.625 0.625 0.312	341	0.473 0.0	34.6	0.0	0.794	0.0	0.549
10	B50R_062_062Ae	0.625 0.0 0.625	0.625 0.625 0.312	330	0.365 0.0	32.0	0.0	0.781	0.0	0.543
11	B42R_075_075Ae	0.625 0.0 0.75	0.75 0.75 0.375	321	0.316 0.0	32.4	0.0	0.858	0.0	0.421
12	B36R_067_087Ae	0.625 0.0 0.875	0.875 0.875 0.437	314	0.282 0.0	31.7	0.0	0.926	0.0	0.295
13	B31R_100_100Ae	0.625 0.0 1.0	1.0 1.0 0.5	308	0.249 0.0	31.0	0.0	0.999	0.0	0.0
14	B31R_100_100Ae	0.625 0.125 0.0	0.625 0.625 0.312	41	0.249 0.0	31.0	0.0	0.83	0.373	0.33
15	R30Y_062_050Ae	0.625 0.125 0.125	0.625 0.625 0.312	390	0.625 0.125 0.066	44.7	0.0	0.705	0.387	0.25
16	R30Y_062_050Ae	0.625 0.125 0.25	0.625 0.625 0.312	379	0.625 0.125 0.133	42.8	0.0	0.689	0.383	0.25
17	B69R_062_050Ae	0.625 0.25 0.0	0.625 0.625 0.312	367	0.625 0.25 0.0	41.1	0.0	0.659	0.359	0.25
18	B61R_062_050Ae	0.625 0.375 0.0	0.625 0.625 0.312	353	0.537 0.0	39.1	0.0	0.611	0.327	0.25
19	B61R_062_050Ae	0.625 0.5 0.0	0.625 0.625 0.312	344	0.537 0.0	39.1	0.0	0.611	0.327	0.25
20	B61R_062_050Ae	0.625 0.625 0.0	0.625 0.625 0.312	330	0.417 0.125 0.625	40.1	0.0	0.595	0.0	0.541
21	B40R_075_062Ae	0.625 0.125 0.75	0.75 0.75 0.375	319	0.367 0.125 0.75	39.5	0.0	0.681	0.0	0.421
22	B36R_067_087Ae	0.625 0.125 0.875	0.875 0.75 0.5	311	0.339 0.125 0.875	38.9	0.0	0.772	0.0	0.349
23	B31R_100_100Ae	0.625 0.125 1.0	1.0 0.625 0.562	312	0.306 0.125 1.0	39.2	0.0	0.772	0.0	0.349
24	R30Y_062_050Ae	0.625 0.25 0.125	0.625 0.625 0.312	53	0.625 0.143 0.0	44.7	0.0	0.685	0.841	0.358
25	R30Y_062_050Ae	0.625 0.25 0.25	0.625 0.625 0.312	49	0.625 0.179 0.125	46.6	0.0	0.701	0.656	0.344
26	R18Y_062_037Ae	0.625 0.25 0.375	0.625 0.375 0.437	390	0.625 0.25 0.437	50.7	0.0	0.552	0.402	0.385
27	B69R_062_037Ae	0.625 0.25 0.5	0.625 0.375 0.437	371	0.603 0.25 0.47	50.8	0.0	0.508	0.267	0.402
28	B69R_062_037Ae	0.625 0.25 0.625	0.625 0.375 0.437	349	0.469 0.25 0.625	47.3	0.0	0.526	0.384	0.412
29	B36R_075_050Ae	0.625 0.25 0.75	0.75 0.5 0.5	316	0.424 0.25 0.75	46.6	0.0	0.496	0.0	0.496
30	B36R_075_050Ae	0.625 0.25 0.875	0.875 0.625 0.562	307	0.394 0.25 0.875	46.3	0.0	0.588	0.0	0.304
31	B25R_100_075Ae	0.625 0.25 1.0	1.0 0.75 0.625	300	0.357 0.25 1.0	47.6	0.0	0.594	0.0	0.173
32	R61Y_062_062Ae	0.625 0.375 0.0	0.625 0.625 0.312	67	0.625 0.257 0.0	50.4	0.0	0.525	0.837	0.354
33	R30Y_062_050Ae	0.625 0.375 0.125	0.625 0.625 0.312	518	0.625 0.284 0.125	51.8	0.0	0.547	0.681	0.357
34	R30Y_062_037Ae	0.625 0.375 0.25	0.625 0.375 0.437	49	0.625 0.316 0.25	53.3	0.0	0.528	0.532	0.346
35	R30Y_062_025Ae	0.625 0.375 0.375	0.625 0.375 0.437	390	0.625 0.375 0.44	56.7	0.0	0.399	0.334	0.391
36	R30Y_062_025Ae	0.625 0.375 0.5	0.625 0.375 0.437	360	0.625 0.375 0.5	56.7	0.0	0.389	0.16	0.398
37	R30Y_062_025Ae	0.625 0.375 0.625	0.625 0.375 0.437	330	0.442 0.375 0.625	54.5	0.0	0.274	0.034	0.493
38	B36R_075_037Ae	0.625 0.375 0.75	0.75 0.375 0.562	311	0.464 0.375 0.75	53.8	0.0	0.359	0.0	0.319
39	B36R_075_037Ae	0.625 0.375 0.875	0.875 0.375 0.562	293	0.444 0.375 0.875	54.0	0.0	0.347	0.0	0.319
40	B18R_100_062Ae	0.625 0.375 1.0	1.0 0.625 0.689	293	0.444 0.375 1.0	56.0	0.0	0.347	0.0	0.319
41	B18Y_062_062Ae	0.625 0.5 0.0	0.625 0.625 0.312	79	0.625 0.382 0.0	55.4	0.0	0.381	0.834	0.352
42	R61Y_062_050Ae	0.625 0.5 0.125	0.625 0.625 0.312	70	0.625 0.4 0.125	57.0	0.0	0.386	0.687	0.372
43	R69Y_062_037Ae	0.625 0.5 0.25	0.625 0.375 0.437	71	0.625 0.452 0.25	58.7	0.0	0.358	0.546	0.371
44	R69Y_062_025Ae	0.625 0.5 0.375	0.625 0.375 0.437	60	0.625 0.454 0.375	60.3	0.0	0.33	0.401	0.372
45	R50Y_062_012Ae	0.625 0.5 0.625	0.625 0.125 0.562	390	0.573 0.5 0.625	61.6	0.0	0.221	0.193	0.4
46	R50Y_062_012Ae	0.625 0.5 0.75	0.75 0.25 0.625	300	0.534 0.5 0.75	63.7	0.0	0.143	0.034	0.445
47	B15R_067_025Ae	0.625 0.5 0.875	0.875 0.375 0.687	289	0.5 0.395 0.875	63.2	0.0	0.102	0.192	0.0
48	B15R_067_025Ae	0.625 0.5 1.0	1.0 0.5 0.75	284	0.5 0.38 1.0	64.9	0.0	0.237	0.263	0.277
49	Y10R_100_050Ae	0.625 0.5 1.0	1.0 0.625 0.312	90	0.625 0.48 0.0	61.2	0.0	0.217	0.149	0.266
50	Y00G_062_062Ae	0.625 0.625 0.0	0.625 0.625 0.312	90	0.625 0.509 0.125	62.1	0.0	0.188	0.0	0.217
51	Y00G_062_050Ae	0.625 0.625 0.125	0.625 0.625 0.312	90	0.625 0.538 0.25	64.2	0.0	0.188	0.0	0.217
52	Y00G_062_037Ae	0.625 0.625 0.25	0.625 0.375 0.437	90	0.625 0.538 0.25	64.2	0.0	0.188	0.0	0.217
53	Y00G_062_025Ae	0.625 0.625 0.375	0.625 0.375 0.437	90	0.625 0.538 0.375	65.7	0.0	0.188	0.0	0.217
54	Y00G_062_012Ae	0.625 0.625 0.5	0.625 0.125 0.562	90	0.625 0.538 0.5	67.3	0.0	0.188	0.0	0.217
55	NW_062Ae	0.625 0.625 0.625	0.625 0.625 0.625	360	0.625 0.625 0.625	68.5	0.0	0.086	0.237	0.404
56	R69Y_062_012Ae	0.625 0.625 0.75	0.75 0.125 0.687	270	0.625 0.657 0.75	70.5	0.0	0.028	0.063	0.409
57	R69Y_062_025Ae	0.625 0.625 0.875	0.875 0.25 0.75	270	0.625 0.69 0.875	72.2	0.0	0.06	0.0	0.0
58	R69Y_100_037Ae	0.625 0.625 1.0	1.0 0.375 0.812	270	0.625 0.722 1.0	73.8	0.0	0.121	0.121	0.0
59	Y18G_075_075Ae	0.625 0.75 0.0	0.75 0.625 0.437	99	0.660 0.75 0.0	74.4	0.0	0.111	0.0	0.0
60	Y18G_075_062Ae	0.625 0.75 0.125	0.75 0.625 0.437	101	0.665 0.75 0.125	75.3	0.0	0.082	0.0	0.0
61	Y18G_075_050Ae	0.625 0.75 0.25	0.75 0.625 0.437	101	0.665 0.75 0.25	76.8	0.0	0.06	0.0	0.0
62	Y18G_075_037Ae	0.625 0.75 0.375	0.75 0.625 0.437	101	0.665 0.75 0.375	78.3	0.0	0.057	0.0	0.0
63	Y18G_075_025Ae	0.625 0.75 0.5	0.75 0.625 0.437	101	0.665 0.75 0.5	80.0	0.0	0.057	0.0	0.0
64	Y18G_075_012Ae	0.625 0.75 0.625	0.75 0.625 0.437	101	0.665 0.75 0.625	81.5	0.0	0.057	0.0	0.0
65	G50B_075_012Ae	0.625 0.75 0.75	0.75 0.125 0.687	150	0.625 0.75 0.75	82.5	0.0	0.057	0.0	0.0
66	G50B_075_012Ae	0.625 0.75 0.875	0.875 0.25 0.75	150	0.625 0.75 0.875	84.0	0.0	0.057	0.0	0.0
67	G50B_075_012Ae	0.625 0.75 1.0	1.0 0.375 0.812	129	0.625 0.75 1.0	85.5	0.0	0.057	0.0	0.0
68	G48R_067_087Ae	0.625 0.875 0.0	0.875 0.75 0.5	106	0.598 0.875 0.0	76.1	0.0	0.057	0.0	0.0
69	Y31G_067_075Ae	0.625 0.875 0.125	0.875 0.625 0.562	113	0.614 0.875 0.125	75.2	0.0	0.057	0.0	0.0
70	Y30G_067_062Ae	0.625 0.875 0.25	0.875 0.625 0.562	113	0.614 0.875 0.25	75.0	0.0	0.057	0.0	0.0
71	Y30G_067_050Ae	0.625 0.875 0.375	0.875 0.5 0.625	120	0.625 0.875 0.375	74.4	0.0	0.057	0.0	0.0
72	Y68R_067_037Ae	0.625 0.875 0.5	0.875 0.375 0.687	131	0.615 0.875 0.5	74.6	0.0	0.057	0.0	0.0
73	G00B_067_025Ae	0.625 0.875 0.625	0.875 0.25 0.75	180	0.625 0.875 0.625	76.3	0.0	0.057	0.0	0.0
74	G25B_067_025Ae	0.625 0.875 0.75	0.875 0.25 0.75	180	0.625 0.875 0.75	76.6	0.0	0.057	0.0	0.0
75	G50B_067_025Ae	0.625 0.875 0.875	0.875 0.25 0.75	180	0.625 0.875 0.875	76.6	0.0	0.057	0.0	0.0
76	G63B_100_037Ae	0.625 0.875 1.0	1.0 0.375 0.812	229	0.625 0.875 1.0	79.8	0.0	0.057	0.0	0.0
77	Y36G_100_100Ae	0.625 1.0 0.0	1.0 0.5 1.0	112	0.625 0.875 1.0	77.7	0.0	0.057	0.0	0.0
78	Y41G_100_100Ae	0.625 1.0 0.125	1.0 0.875 0.562	115	0.614 1.0 0.125	77.8	0.0	0.057	0.0	0.0
79	Y50G_100_075Ae	0.625 1.0 0.25	1.0 0.875 0.562	115	0.614 1.0 0.25	77.8	0.0	0.057	0.0	0.0
80	Y61G_100_050Ae	0.625 1.0 0.375	1.0 0.625 0.687	127	0.603 1.0 0.375	77.3	0.0	0.057	0.0	0.0
81	Y60G_100_025Ae	0.625 1.0 0.5	1.0 0.5 0.75	136	0.603 1.0 0.5	77.9	0.0	0.057	0.0	0.0
82	Y60G_100_012Ae	0.625 1.0 0.625	1.0 0.375 0.812	150	0.625 1.0 0.625	80.0	0.0	0.057	0.0	0.0
83	C13B_100_037Ae	0.625 1.0 0.75	1.0 0.375 0.812	169	0.625 1.0 0.75	81.4	0.0	0.057	0.0	0.0
84	C13B_100_012Ae	0.625 1.0 0.875	1.0 0.375 0.812	169	0.625 1.0 0.875	81.4	0.0	0.057	0.0	0.0
85	C50B_100_037Ae	0.625 1.0 1.0	1.0 0.375 0.812	210	0.625 1.0 1.0	80.5	0.0	0.057	0.0	0.0

0E490-7N 25/33-F

2-1132430-E0

TUB enregistrement: 20130201-QF49/QF49L0FA.TXT /PS TUB matériel: code=rha4ta
application pour la mesure des sorties sur imprimante laser, séparation cmyk6* (CMYK)

n	HC*Fide	rgb_Fide	icF_Fide	hsa_Fide	rgb*Fide	LabCH*Fide	cmyk*_sep_Fide	cmyn*_sep_Fide	hsaX.de	rgb*Fide	LabCH*Fide	delta
1053	NW_086de	0.866 0.866 0.866	0.866 0.866 0.866	0.866 0.866 0.866	0.866 0.866 0.866	86.1 0.0 0.0	0.0 0.0 0.0	0.0 0.0 0.0	360 360 360	1.0 1.0 1.0	95.8 0.0 0.0	0.0
1054	NW_093de	0.933 0.933 0.933	0.933 0.933 0.933	0.933 0.933 0.933	0.933 0.933 0.933	91.0 0.0 0.0	0.0 0.0 0.0	0.0 0.0 0.0	360 360 360	1.0 1.0 1.0	95.8 0.0 0.0	0.0
1055	NW_100de	1.0 1.0 1.0	1.0 1.0 1.0	1.0 1.0 1.0	1.0 1.0 1.0	95.8 0.0 0.0	0.0 0.0 0.0	0.0 0.0 0.0	360 360 360	1.0 1.0 1.0	95.8 0.0 0.0	0.0
1056	NW_006de	0.066 0.066 0.066	0.066 0.066 0.066	0.066 0.066 0.066	0.066 0.066 0.066	23.8 0.0 0.0	0.0 0.0 0.0	0.0 0.0 0.0	360 360 360	1.0 1.0 1.0	95.8 0.0 0.0	0.0
1057	NW_006de	0.066 0.066 0.066	0.066 0.066 0.066	0.066 0.066 0.066	0.066 0.066 0.066	23.8 0.0 0.0	0.0 0.0 0.0	0.0 0.0 0.0	360 360 360	1.0 1.0 1.0	95.8 0.0 0.0	0.0
1058	NW_013de	0.133 0.133 0.133	0.133 0.133 0.133	0.133 0.133 0.133	0.133 0.133 0.133	33.4 0.0 0.0	0.0 0.0 0.0	0.0 0.0 0.0	360 360 360	1.0 1.0 1.0	95.8 0.0 0.0	0.0
1059	NW_020de	0.2 0.2 0.2	0.2 0.2 0.2	0.2 0.2 0.2	0.2 0.2 0.2	38.2 0.0 0.0	0.0 0.0 0.0	0.0 0.0 0.0	360 360 360	1.0 1.0 1.0	95.8 0.0 0.0	0.0
1060	NW_026de	0.266 0.266 0.266	0.266 0.266 0.266	0.266 0.266 0.266	0.266 0.266 0.266	42.9 0.0 0.0	0.0 0.0 0.0	0.0 0.0 0.0	360 360 360	1.0 1.0 1.0	95.8 0.0 0.0	0.0
1061	NW_033de	0.333 0.333 0.333	0.333 0.333 0.333	0.333 0.333 0.333	0.333 0.333 0.333	47.8 0.0 0.0	0.0 0.0 0.0	0.0 0.0 0.0	360 360 360	1.0 1.0 1.0	95.8 0.0 0.0	0.0
1062	NW_040de	0.4 0.4 0.4	0.4 0.4 0.4	0.4 0.4 0.4	0.4 0.4 0.4	52.6 0.0 0.0	0.0 0.0 0.0	0.0 0.0 0.0	360 360 360	1.0 1.0 1.0	95.8 0.0 0.0	0.0
1063	NW_046de	0.466 0.466 0.466	0.466 0.466 0.466	0.466 0.466 0.466	0.466 0.466 0.466	57.3 0.0 0.0	0.0 0.0 0.0	0.0 0.0 0.0	360 360 360	1.0 1.0 1.0	95.8 0.0 0.0	0.0
1064	NW_053de	0.533 0.533 0.533	0.533 0.533 0.533	0.533 0.533 0.533	0.533 0.533 0.533	62.2 0.0 0.0	0.0 0.0 0.0	0.0 0.0 0.0	360 360 360	1.0 1.0 1.0	95.8 0.0 0.0	0.0
1065	NW_060de	0.6 0.6 0.6	0.6 0.6 0.6	0.6 0.6 0.6	0.6 0.6 0.6	67.0 0.0 0.0	0.0 0.0 0.0	0.0 0.0 0.0	360 360 360	1.0 1.0 1.0	95.8 0.0 0.0	0.0
1066	NW_066de	0.666 0.666 0.666	0.666 0.666 0.666	0.666 0.666 0.666	0.666 0.666 0.666	71.7 0.0 0.0	0.0 0.0 0.0	0.0 0.0 0.0	360 360 360	1.0 1.0 1.0	95.8 0.0 0.0	0.0
1067	NW_073de	0.734 0.734 0.734	0.734 0.734 0.734	0.734 0.734 0.734	0.734 0.734 0.734	76.6 0.0 0.0	0.0 0.0 0.0	0.0 0.0 0.0	360 360 360	1.0 1.0 1.0	95.8 0.0 0.0	0.0
1068	NW_080de	0.8 0.8 0.8	0.8 0.8 0.8	0.8 0.8 0.8	0.8 0.8 0.8	81.4 0.0 0.0	0.0 0.0 0.0	0.0 0.0 0.0	360 360 360	1.0 1.0 1.0	95.8 0.0 0.0	0.0
1069	NW_086de	0.866 0.866 0.866	0.866 0.866 0.866	0.866 0.866 0.866	0.866 0.866 0.866	86.1 0.0 0.0	0.0 0.0 0.0	0.0 0.0 0.0	360 360 360	1.0 1.0 1.0	95.8 0.0 0.0	0.0
1070	NW_093de	0.933 0.933 0.933	0.933 0.933 0.933	0.933 0.933 0.933	0.933 0.933 0.933	91.0 0.0 0.0	0.0 0.0 0.0	0.0 0.0 0.0	360 360 360	1.0 1.0 1.0	95.8 0.0 0.0	0.0
1071	NW_100de	1.0 1.0 1.0	1.0 1.0 1.0	1.0 1.0 1.0	1.0 1.0 1.0	95.8 0.0 0.0	0.0 0.0 0.0	0.0 0.0 0.0	360 360 360	1.0 1.0 1.0	95.8 0.0 0.0	0.0
1072	NW_000de	0.0 0.0 0.0	0.0 0.0 0.0	0.0 0.0 0.0	0.0 0.0 0.0	23.8 0.0 0.0	0.0 0.0 0.0	0.0 0.0 0.0	360 360 360	1.0 1.0 1.0	95.8 0.0 0.0	0.0
1073	NW_100de	1.0 1.0 1.0	1.0 1.0 1.0	1.0 1.0 1.0	1.0 1.0 1.0	95.8 0.0 0.0	0.0 0.0 0.0	0.0 0.0 0.0	360 360 360	1.0 1.0 1.0	95.8 0.0 0.0	0.0
1074	ROY_100_100de	1.0 0.0 0.0	1.0 1.0 0.0	1.0 0.0 0.0	1.0 0.0 0.0	26.7 62.1 25.4	0.0 0.0 0.0	0.0 0.0 0.0	375 198 198	0.0 0.0 0.0	47.5 56.0 26.7	62.1
1075	G50G_100_100de	0.0 1.0 0.0	1.0 0.0 1.0	0.0 1.0 0.0	0.0 0.0 1.0	-29.1 -31.7 48.4	0.0 0.0 0.0	0.0 0.0 0.0	375 198 198	0.0 0.0 0.0	-38.7 -31.7 48.4	25.4
1076	Y06G_100_100de	0.0 1.0 0.0	1.0 0.0 1.0	0.0 1.0 0.0	0.0 0.0 1.0	54.9 53.6 33.6	0.0 0.0 0.0	0.0 0.0 0.0	375 198 198	0.0 0.0 0.0	54.9 53.6 33.6	33.6
1077	B06G_100_100de	0.0 0.0 1.0	0.0 0.0 1.0	0.0 0.0 1.0	0.0 0.0 1.0	31.7 48.4 21.7	0.0 0.0 0.0	0.0 0.0 0.0	375 198 198	0.0 0.0 0.0	31.7 48.4 21.7	21.7
1078	B50R_100_100de	0.0 0.0 1.0	0.0 0.0 1.0	0.0 0.0 1.0	0.0 0.0 1.0	53.8 45.9 38.5	0.0 0.0 0.0	0.0 0.0 0.0	375 198 198	0.0 0.0 0.0	53.8 45.9 38.5	38.5
1079	B50R_100_100de	1.0 0.0 0.0	1.0 1.0 0.0	1.0 0.0 0.0	1.0 0.0 0.0	38.5 46.7 28.5	0.0 0.0 0.0	0.0 0.0 0.0	305 305 305	0.584 0.0 0.0	38.5 46.7 28.5	54.7

voir fichiers similaires: <http://130.149.60.45/~farbmetrik/QF49/QF49.HTM>
informations techniques: <http://www.ps.bam.de> ou <http://130.149.60.45/~farbmetrik>

entrée : rgb/cmyk -> rgbde
sortie : linéarisation 3D selon cmyk6* de

graphique TUB-QF49; code de teinte: H*_e=Y25Ge
couleurs et différences, ΔE^*