

Entrée et sortie: Système Printer Reflective FRS06a

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

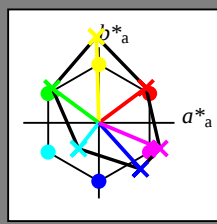
HIC*-

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

H*_- = R00Y-, R25Y-, ..., B75R-

ORS20a; données CIELAB (a) adaptées

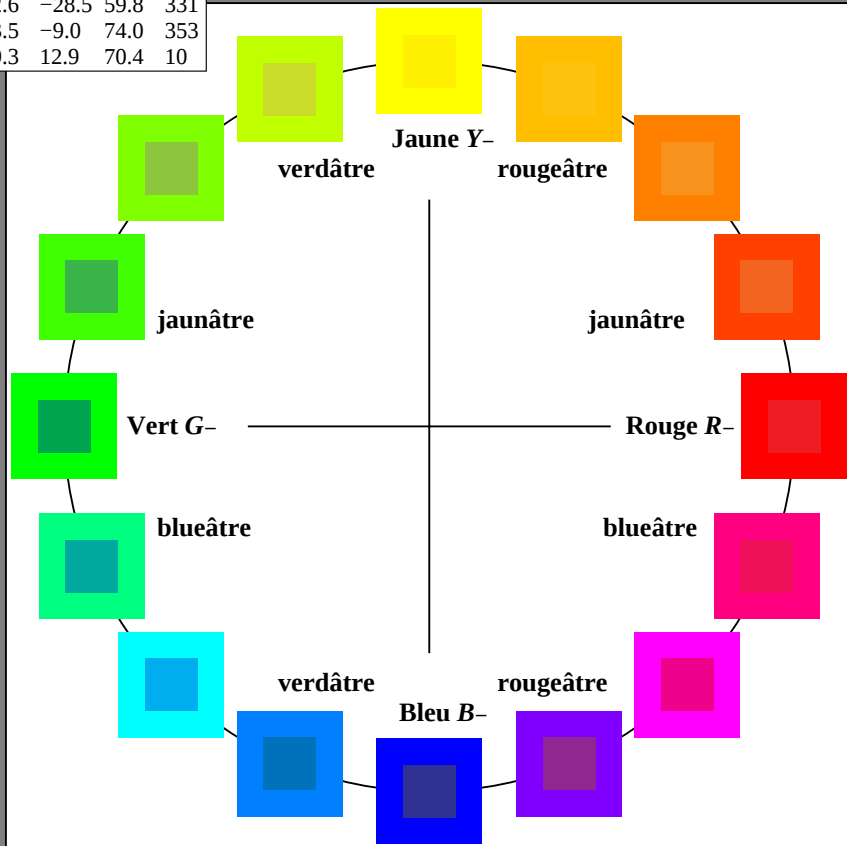
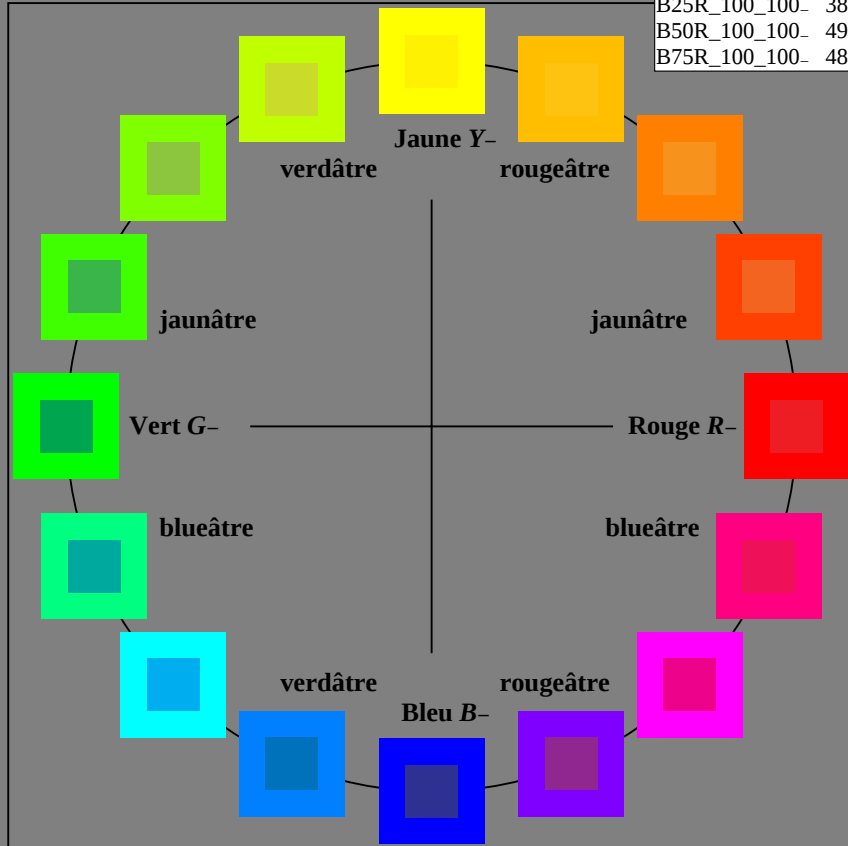
H*_-	L*=L*_a a*_a	b*_a	C*_ab,a	h*_ab,a
R00Y_100_100_	48.4	66.1	40.2	77.3
R25Y_100_100_	56.8	48.0	50.5	69.6
R50Y_100_100_	68.6	25.0	63.9	68.6
R75Y_100_100_	80.6	4.8	77.2	77.3
Y00G_100_100_	90.2	-9.6	88.2	88.7
Y25G_100_100_	83.2	-18.4	79.9	81.9
Y50G_100_100_	73.3	-31.7	62.7	70.2
Y75G_100_100_	62.0	-49.7	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



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

FRS06a; données CIELAB (a) adaptées

nom	L*=L*_a a*_a	b*_a	C*_ab,a	h*_ab,a
R-,Ma	32.5	62.3	46.4	77.7
Y-,Ma	82.7	-3.1	113.9	114.0
G-,Ma	39.4	-61.8	45.8	76.9
C-,Ma	47.8	-26.8	-34.2	43.4
B-,Ma	10.1	55.1	-61.0	82.2
M-,Ma	34.5	80.6	-33.9	87.5
N-,Ma	6.2	0.0	0.0	0.0
W-,Ma	91.9	0.0	0.0	0.0
R-,CIE	39.9	58.7	27.9	65.0
Y-,CIE	81.2	-2.8	71.5	71.6
G-,CIE	52.2	-42.4	13.6	44.5
B-,CIE	30.5	1.4	-46.4	46.4



3-103030-L0 PF890-7N

graphique TUB-PF89; cercle de teinte, 16 étapes
graphique conforme à DIN 33872, 3D=1, de=0, cmyk*

entrée : rgb/cmyk -> rgb/cmyk
sortie : aucun changement

TUB enregistrement: 20130201-PF89/PF89L0FA.TXT /PS
application pour la mesure des sorties sur imprimante laser

TUB matériel: code=rha4ta

Entrée et sortie: Système Printer Reflective FRS06a

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

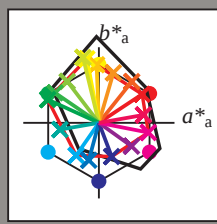
HIC^*_d

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

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

LRS18a; données CIELAB (a) adaptées

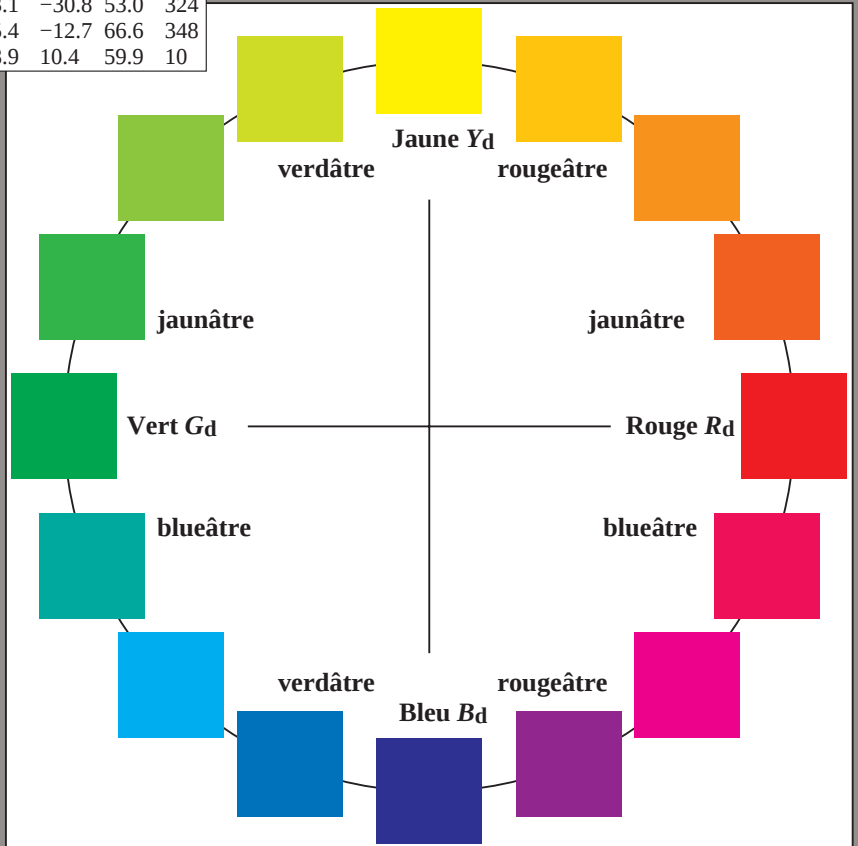
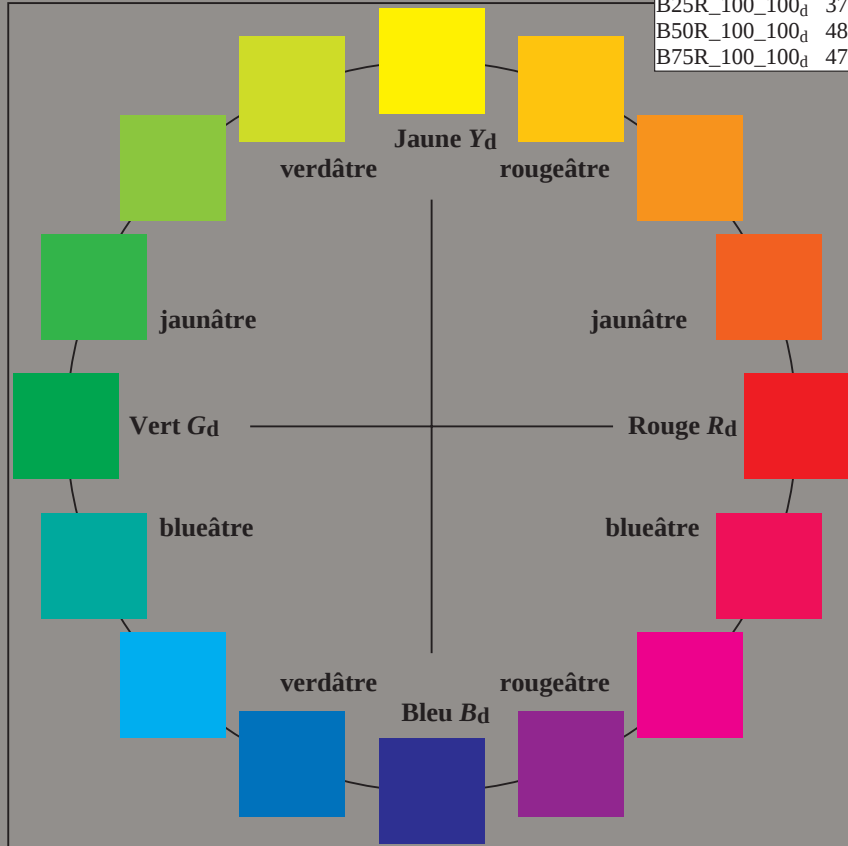
H^*_d	$L^*=L^*_a a^*_a$	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
R00Y_100_100_d	47.5	57.2	37.8	68.6
R25Y_100_100_d	57.4	43.5	54.5	69.7
R50Y_100_100_d	70.5	19.2	66.2	69.0
R75Y_100_100_d	83.5	-2.9	76.8	76.9
Y00G_100_100_d	91.5	-15.8	84.6	86.1
Y25G_100_100_d	90.4	-20.9	86.5	89.0
Y50G_100_100_d	70.9	-41.7	54.8	68.9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



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

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



3-103130-L0 PF890-72

graphique TUB-PF89; cercle de teinte, 16 étapes
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-PF89/PF89L0FA.TXT /PS
application pour la mesure des sorties sur imprimante laser, séparation $cmyk^*$ (CMYK)
TUB matériel: code=rha4ta



Entrée et sortie: Systeme Printer Reflective PRS06a

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

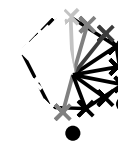
H^*_{d}

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

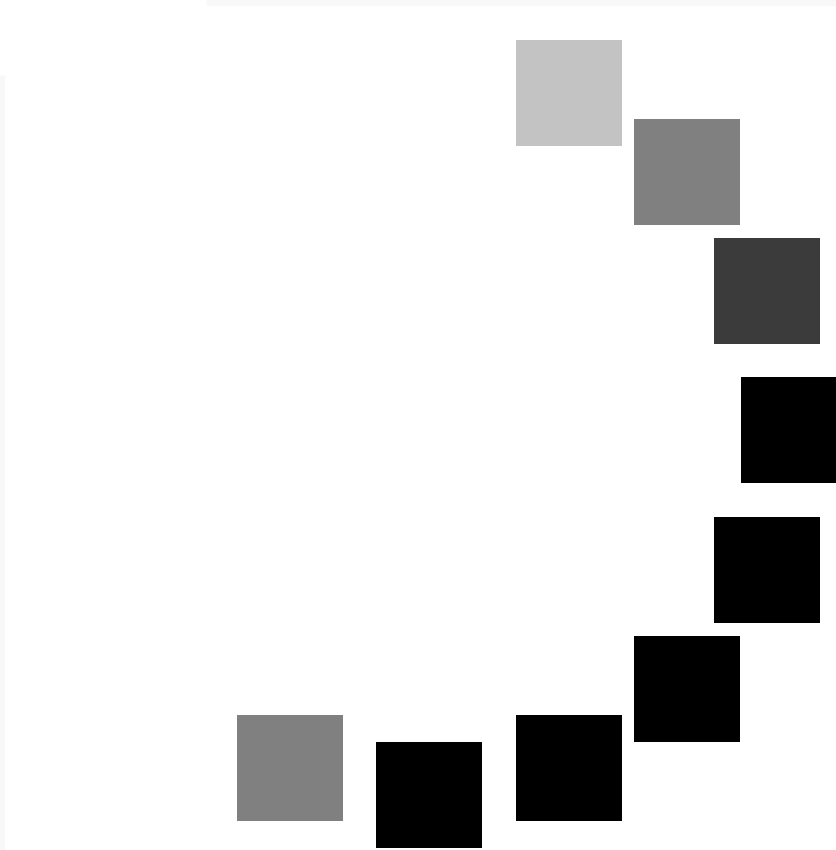
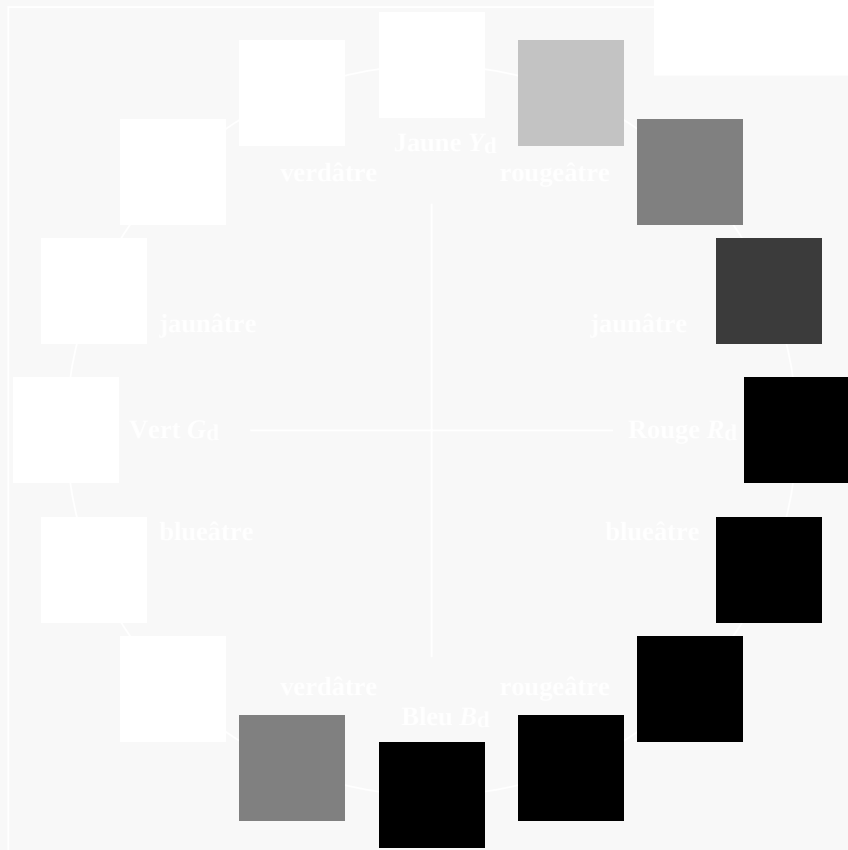
$H^*_{d} = R00Y_{d}, R25Y_{d}, \dots, B75R_{d}$

voir fichiers similaires: <http://130.149.60.45/~farbmetrik/PF89/PF89.HTM>
informations techniques: <http://www.ps.bam.de> ou <http://130.149.60.45/~farbmetrik>

TUB enregistrement: 20130201-PF89/PF89L0FA.TXT /.PS TUB matériel: code=rha4ta
application pour la mesure des sorties sur imprimante laser, séparation cmyk* (CMYK)



% Gamme
 $u^*_{rel} = 114$
% Régularité
 $g^*H_{rel} = 26$
 $g^*C_{rel} = 30$



3-103330-L0 PF890-72

graphique TUB-PF89; cercle de teinte, 16 étapes
graphique conforme à DIN 33872, 3D=1, de=0, cmyk*

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

3-103330-F0

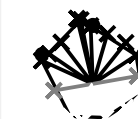
Entrée et sortie: Système Printer Reflective FRS06a

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

HIC^*_d

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

$H^*_d = R00Y_d, R25Y_d, ..., B75R_d$



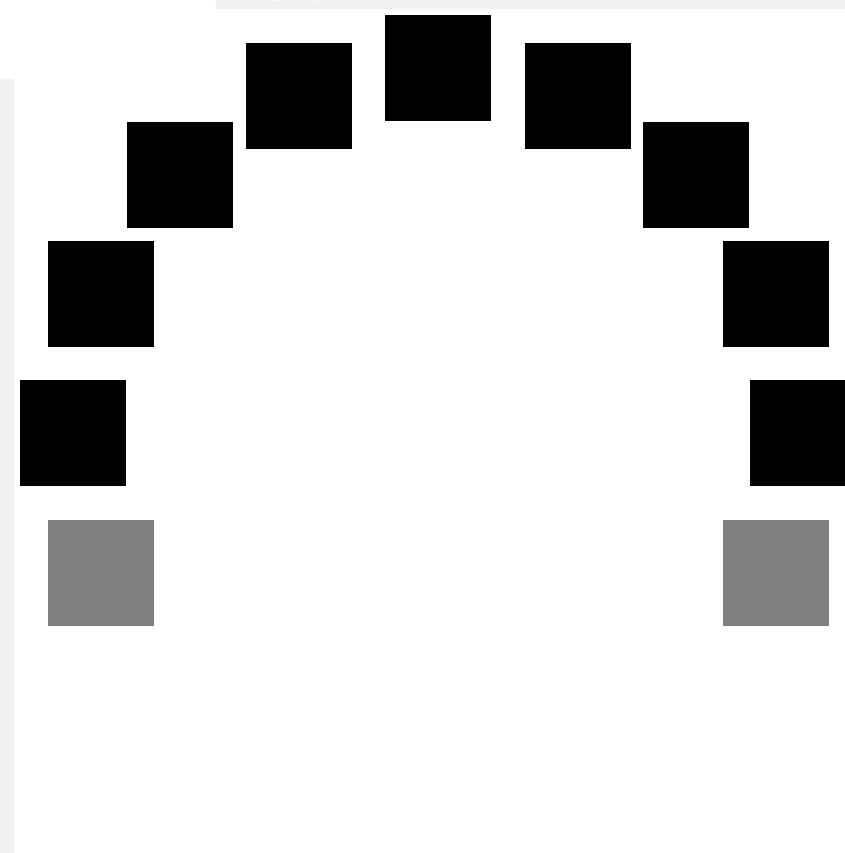
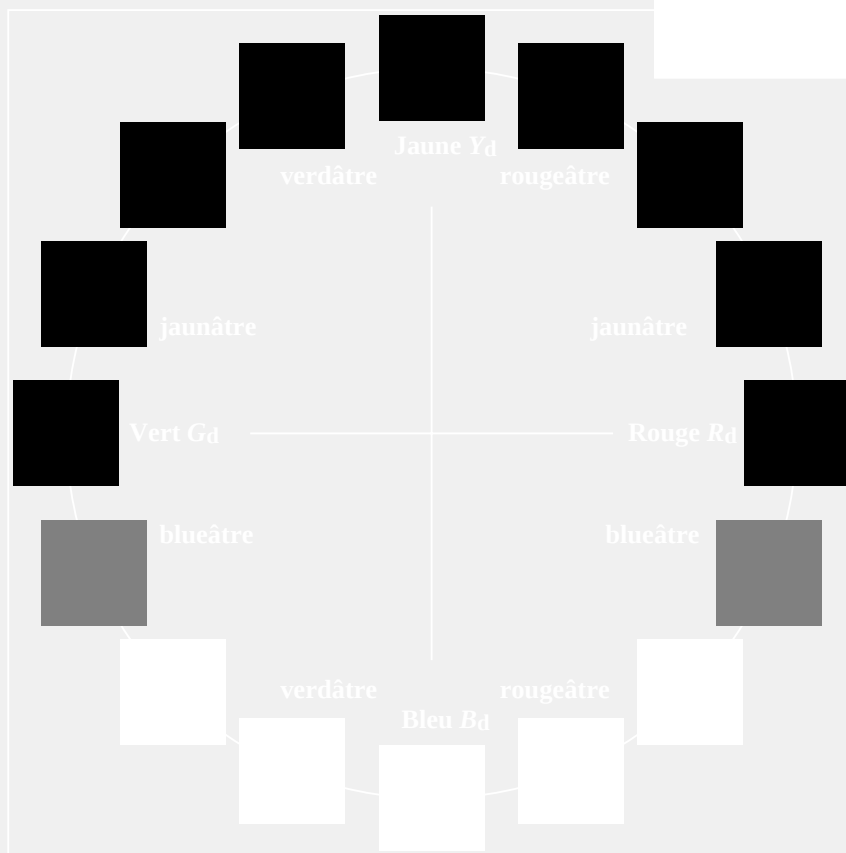
% Gamme

$u^*_{rel} = 114$

% Régularité

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

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



3-103430-L0 PF890-72

graphique TUB-PF89; cercle de teinte, 16 étapes
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-PF89/PF89L0FA.TXT /.PS TUB matériel: code=rha4ta
application pour la mesure des sorties sur imprimante laser, séparation $cmyk^*$ (CMYK)

Entrée et sortie: Système Printer Reflective FRS06a

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

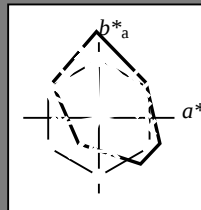
HIC^*_d

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

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

LRS18a; données CIELAB (a) adaptées

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



% Gamme

$u^*_{rel} = 114$

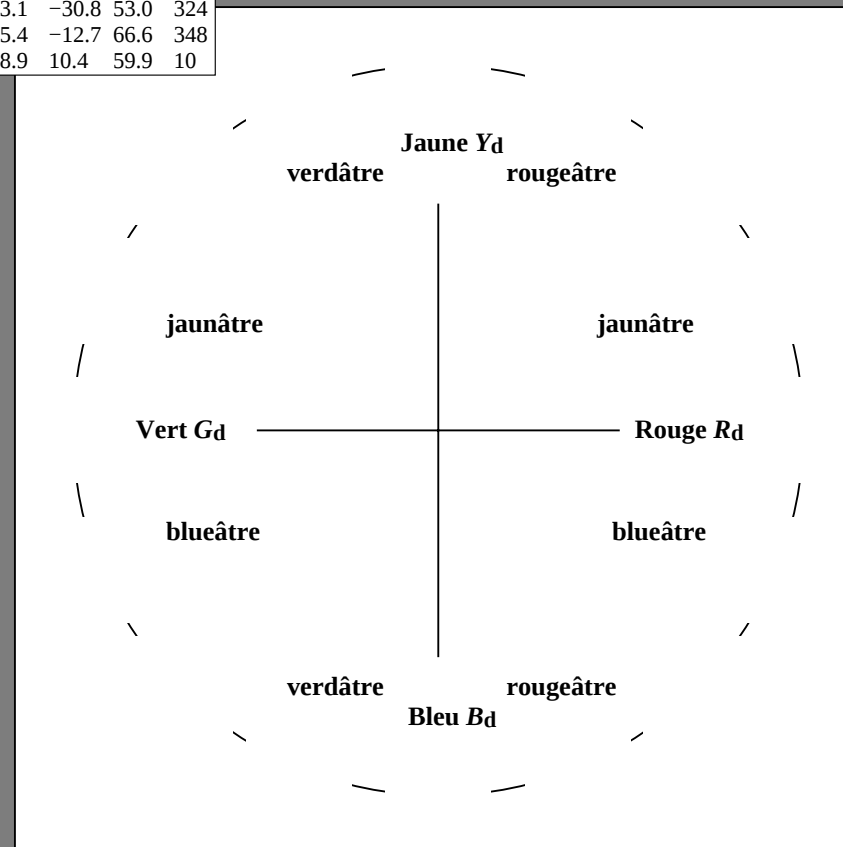
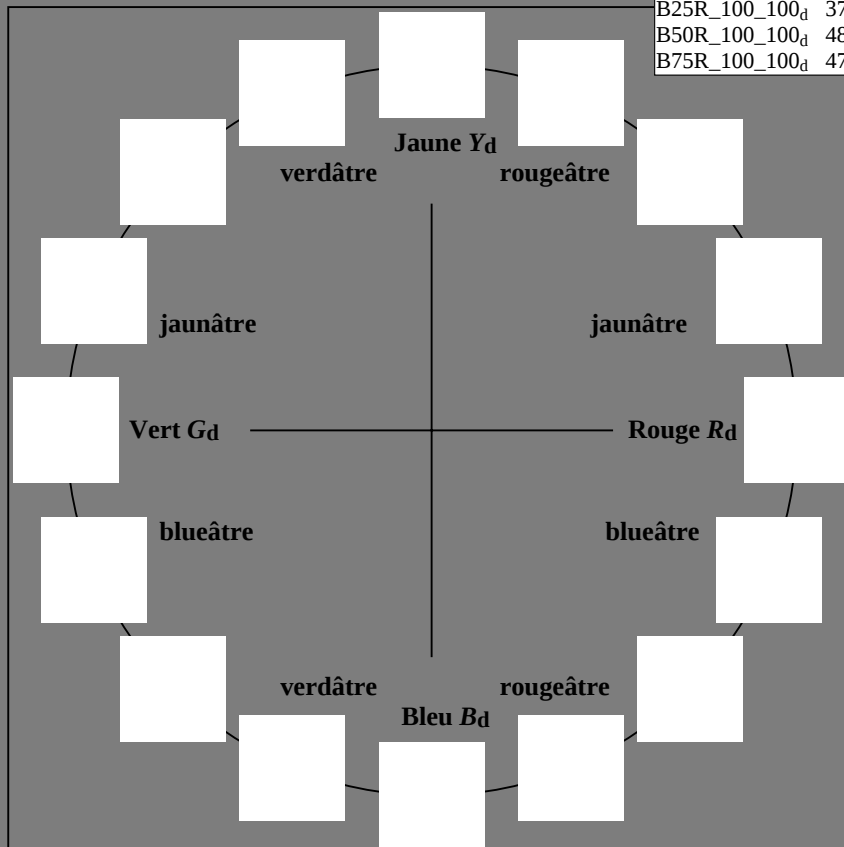
% Régularité

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

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

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



3-103530-L0 PF890-72

graphique TUB-PF89; cercle de teinte, 16 étapes
graphique conforme à DIN 33872, 3D=1, de=0, cmk^*

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

$h_{ab,s}$

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

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

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

$h_{ab,e}$

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

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

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

$h_{ab,d}$

rgb^*_{de}

Couleur maximale dans le système colorimétrique : Laser printer output; separation cmyn6*, D65 pour l'entrée et sortie; Six angles de teinte à 60 degrés couleurs standard $RYGCBM_c$; $h_{ab,ds} = 30.0, 90.0, 150.0, 210.0, 270.0, 330.0$;
Six angles de teinte des couleurs périphériques $RYGCBM_d$; $h_{ab,d} = 33.5, 100.6, 155.5, 235.2, 290.8, 348.9$; Six angles de teinte des couleurs élémentaires $RYGCBM_e$; $h_{ab,e} = 25.5, 92.3, 162.2, 217.0, 271.7, 328.6$

$h_{ab,d}$	$h_{ab,s}$	$h_{ab,e}$	rgb^*_{dd64M}			$LAB^*_{ddx64M}(x=LabCh)$					$rgb^*_{ddx361M}$			$LAB^*_{ddx361M}(x=LabCh)$					$rgb^*_{dsx361M}$			$LAB^*_{dsx361M}(x=LabCh)$					$rgb^*_{dex361M}$			$LAB^*_{dex361M}$				
33.4	30.0	25.4	1.0	0.0	0.0	47.5	57.2	37.8	68.6	33.4	1.0	0.0	0.0	47.6	57.2	37.9	68.6	33	1.0	0.0	0.158	47.7	56.3	32.5	65.0	30	1.0	0.0	0.263	47.6	56.1	26.7	62.1	25
42.1	37.5	33.8	1.0	0.125	0.0	51.9	54.3	49.2	73.2	42.1	1.0	0.117	0.0	51.7	54.6	48.5	73.0	41	1.0	0.05	0.0	49.4	56.3	42.4	70.5	37	1.0	0.0	0.012	47.6	57.2	37.5	68.4	33
52.8	45.0	42.1	1.0	0.25	0.0	58.2	41.8	55.1	69.2	52.8	1.0	0.25	0.0	58.3	41.8	55.2	69.2	52	1.0	0.158	0.0	53.6	51.1	51.1	72.2	45	1.0	0.125	0.0	52.0	54.3	49.2	73.3	42
63.7	52.5	50.5	1.0	0.375	0.0	64.6	29.8	60.4	67.3	63.7	1.0	0.367	0.0	64.2	30.6	60.1	67.5	63	1.0	0.24	0.0	57.8	42.8	54.8	69.6	52	1.0	0.216	0.0	56.6	45.2	53.9	70.3	49
73.8	60.0	58.8	1.0	0.5	0.0	70.5	19.2	66.2	69.0	73.8	1.0	0.5	0.0	70.5	19.2	66.3	69.0	73	1.0	0.332	0.0	62.5	34.0	58.9	68.0	60	1.0	0.32	0.0	61.8	35.2	58.4	68.2	58
80.7	67.5	67.2	1.0	0.625	0.0	74.9	11.4	70.7	71.6	80.7	1.0	0.617	0.0	74.6	12.0	70.5	71.5	80	1.0	0.416	0.0	66.6	26.5	62.5	67.9	67	1.0	0.412	0.0	66.4	26.9	62.3	67.9	66
91.5	75.0	75.6	1.0	0.75	0.0	82.9	-2.0	76.9	77.0	91.5	1.0	0.75	0.0	83.0	-1.9	77.0	77.0	-268	1.0	0.521	0.0	71.3	18.0	67.1	69.5	75	1.0	0.532	0.0	71.6	17.3	67.5	69.7	75
96.8	82.5	83.9	1.0	0.875	0.0	87.6	-9.0	75.7	76.3	96.8	1.0	0.867	0.0	87.3	-8.5	75.9	76.4	96	1.0	0.639	0.0	75.8	10.1	71.6	72.3	82	1.0	0.655	0.0	76.9	8.4	72.5	73.0	83
100.5	90.0	92.3	1.0	1.0	0.0	91.5	-15.8	84.6	86.1	100.5	1.0	1.0	0.0	91.6	-15.7	84.7	86.2	100	1.0	0.732	0.0	81.8	0.0	76.3	76.3	90	1.0	0.769	0.0	83.7	-3.0	76.8	76.9	92
101.4	97.5	101.0	0.875	1.0	0.0	92.8	-18.1	89.4	91.2	101.4	0.883	1.0	0.0	92.7	-17.9	89.1	90.9	101	1.0	0.88	0.0	87.8	-9.3	76.2	76.7	97	1.0	0.996	0.0	91.5	-15.5	84.4	85.8	100
103.9	105.0	109.7	0.75	1.0	0.0	90.1	-21.3	86.0	88.6	103.9	0.75	1.0	0.0	90.1	-21.3	86.0	88.7	103	0.738	1.0	0.0	89.2	-22.5	84.4	87.4	105	0.684	1.0	0.0	84.7	-27.5	76.7	81.5	109
115.0	112.5	118.5	0.625	1.0	0.0	79.9	-31.7	67.9	75.0	115.0	0.633	1.0	0.0	80.6	-31.1	69.2	75.9	114	0.659	1.0	0.0	82.7	-29.4	73.0	78.8	112	0.595	1.0	0.0	77.8	-34.4	65.0	73.6	117
127.3	120.0	127.2	0.5	1.0	0.0	70.9	-41.7	54.8	68.9	127.3	0.5	1.0	0.0	71.0	-41.7	54.8	68.9	127	0.574	1.0	0.0	76.3	-36.2	62.8	72.6	120	0.501	1.0	0.0	71.0	-41.6	54.9	68.9	127
134.7	127.5	136.0	0.375	1.0	0.0	66.5	-47.5	48.0	67.6	134.7	0.383	1.0	0.0	66.9	-47.1	48.5	67.7	134	0.503	1.0	0.0	71.2	-41.5	55.2	69.1	127	0.366	1.0	0.0	66.2	-48.2	47.6	67.8	135
144.7	135.0	144.7	0.25	1.0	0.0	60.6	-57.2	40.4	70.1	144.7	0.25	1.0	0.0	60.6	-57.2	40.5	70.1	144	0.372	1.0	0.0	66.4	-47.8	47.9	67.7	135	0.25	1.0	0.0	60.6	-57.1	40.5	70.1	144
151.0	142.5	153.4	0.125	1.0	0.0	57.0	-62.2	34.4	71.1	151.0	0.133	1.0	0.0	57.3	-61.8	34.8	71.0	150	0.284	1.0	0.0	62.3	-54.6	42.7	69.4	142	0.073	1.0	0.0	55.9	-64.4	33.0	72.5	152
155.5	150.0	162.2	0.0	1.0	0.0	54.3	-67.6	30.8	74.3	155.5	0.0	1.0	0.0	54.3	-67.6	30.8	74.4	155	0.146	1.0	0.0	57.6	-61.3	35.5	70.9	150	0.0	1.0	0.147	53.8	-65.9	21.1	69.3	162
160.8	157.5	169.0	0.0	1.0	0.125	53.8	-66.4	23.0	70.2	160.8	0.0	1.0	0.117	53.9	-66.4	23.5	70.6	160	0.0	1.0	0.035	54.2	-67.3	28.6	73.2	157	0.0	1.0	0.251	53.8	-63.0	12.7	64.4	168
168.5	165.0	175.9	0.0	1.0	0.25	53.7	-63.1	12.8	64.4	168.5	0.0	1.0	0.25	53.8	-63.1	12.8	64.4	168	0.0	1.0	0.192	53.8	-64.7	17.4	67.1	165	0.0	1.0	0.331	54.4	-59.3	4.2	59.5	175
179.9	172.5	182.7	0.0	1.0	0.375	54.7	-56.8	0.0	56.8	179.9	0.0	1.0	0.367	54.7	-57.2	0.8	57.3	179	0.0	1.0	0.288	54.1	-61.4	8.6	62.1	172	0.0	1.0	0.405	54.8	-55.6	-2.1	55.7	182
189.8	180.0	189.6	0.0	1.0	0.5	55.0	-51.4	-8.9	52.2	189.8	0.0	1.0	0.5	55.0	-51.4	-8.8	52.2	189	0.0	1.0	0.375	54.8	-56.7	0.0	56.8	180	0.0	1.0	0.497	55.0	-51.5	-8.6	52.3	189
204.4	187.5	196.4	0.0	1.0	0.625	55.3	-44.1	-20.0	48.5	204.4	0.0	1.0	0.617	55.3	-44.6	-19.3	48.8	203	0.0	1.0	0.464	55.0	-53.0	-6.4	53.5	187	0.0	1.0	0.553	55.2	-48.6	-13.9	50.7	195
214.4	195.0	203.2	0.0	1.0	0.75	55.2	-39.5	-27.1	47.9	214.4	0.0	1.0	0.75	55.2	-39.4	-27.0	47.9	214	0.0	1.0	0.544	55.2	-49.1	-13.1	50.9	195	0.0	1.0	0.615	55.3	-44.7	-19.2	48.8	203
221.9	202.5	210.1	0.0	1.0	0.875	54.4	-36.7	-33.0	49.4	221.9	0.0	1.0	0.867	54.5	-36.9	-32.6	49.4	221	0.0	1.0	0.604	55.3	-45.5	-18.3	49.1	202	0.0	1.0	0.69	55.3	-41.8	-23.8	48.2	209
235.1	210.0	216.9	0.0	1.0	1.0	53.1	-30.0	-43.1	52.5	235.1	0.0	1.0	1.0	53.1	-29.9	-43.0	52.5	235	0.0	1.0	0.694	55.3	-41.6	-24.0	48.2	210	0.0	1.0	0.792	55.0	-38.6	-29.0	48.4	216
237.9	217.5	223.8	0.0	0.875	1.0	53.1	-27.9	-47.7	52.7	237.9	0.0	0.883	1.0	53.1	-28.0	-44.5	52.8	237	0.0	1.0	0.792	55.0	-38.6	-29.1	48.5	217	0.0	1.0	0.888	54.3	-36.1	-34.1	49.8	223
241.3	225.0	230.6	0.0	0.75	1.0	52.9	-25.9	-44.5	54.1	241.3	0.0	0.75	1.0	52.9	-25.8	-47.5	54.2	241	0.0	1.0	0.904	54.2	-35.4	-35.4	50.2	225	0.0	1.0	0.957	53.6	-32.5	-39.7	51.5	230
247.2	232.5	237.5	0.0	0.625	1.0	50.5	-20.8	-49.5	53.7	247.2	0.0	0.633	1.0	50.7	-21.1	-49.3	53.8	246	0.0	1.0	0.97	53.5	-31.8	-40.7	51.8	232	0.0	0.916	1.0	53.1	-28.6	-44.1	52.7	237
254.9	240.0	244.3	0.0	0.5	1.0	46.1	-13.3	-49.4	51.1	254.9	0.0	0.5	1.0	46.2	-13.2	-49.3	51.2	254	0.0	0.801	1.0	53.0	-26.7	-46.3	53.6	240	0.0	0.686	1.0	51.7	-23.3	-48.5	54.0	244
262.6	247.5	251.2	0.0	0.375	1.0	41.4	-6.3	-49.2	49.6	262.6	0.0	0.383	1.0	41.7	-6.7	-49.2	49.8	262	0.0	0.63	1.0	50.7	-20.9	-49.4	53.8	247	0.0	0.568	1.0	48.6	-17.2	-49.5	52.6	250
272.6	255.0	258.0	0.0	0.25	1.0	36.8	2.2	-48.5	48.6	272.6	0.0	0.25	1.0	36.9	2.2	-48.5	48.6	272	0.0	0.499	1.0	46.1	-13.1	-49.3	51.2	255	0.0	0.449	1.0	44.2	-10.4	-49.4	50.6	255
281.4	262.5	264.8	0.0	0.125	1.0	35.0	9.4	-46.3	47.3	281.4	0.0	0.133	1.0	35.2	8.9	-46.5	47.4	280	0.0	0.386	1.0	41.8	-6.8	-49.2	49.8	262	0.0	0.353	1.0	40.6	-4.7	-49.2	49.5	264
290.8	270.0	271.7	0.0	0.0	1.0	32.5	16.9	-44.6	47.7	290.8	0.0	0.0	1.0	32.6	16.9	-44.5	47.7	290	0.0	0.283	1.0	38.1	0.0	-48.8	48.9	270	0.0	0.261	1					

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 PF890-72 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-PF89; cercle de teinte, 16 étapes
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-PF89/PF89L0FA.TXT /PS
application pour la mesure des sorties sur imprimante laser, séparation cmy6* (CMYK)
TUB matériel: code=rh4ta

Couleur maximale dans le système colorimétrique : Laser printer output; separation 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* _{dd361M} (x=LabCh)	rgb* _{ds361Mi}	LAB* _{dsx361Mi} (x=LabCh)	rgb* _{dd361Mi}	rgb* _{de361Mi}	LAB* _{dex361Mi} (x=LabCh)	rgb* _{dd361Mi}	rgb* _{de361Mi}
-268	75	75	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				
92	77	77	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				
94	79	80	1.0	0.816 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				
95	81	82	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				
97	83	84	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				
98	85	86	1.0	0.916 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				
99	87	88	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				
100	89	91	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			
100	91	93	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				
100	93	95	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				
101	95	98	0.916	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				
101	97	100	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				
101	99	102	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				
102	101	105	0.816	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				
103	103	107	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				
103	105	109	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				
106	107	112	0.716	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				
109	109	114	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				
112	111	116	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				
115	113	119	0.616	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				
119	115	121	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				
122	117	123	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				
125	119	126	0.516	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				

3-1031030-L0 PF890-72 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-PF89; cercle de teinte, 16 étapes
cercle chromatique 48 paliers; tableaux rgb-LabCh*

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

sortie: Laser printer output; separation cmyn6*, D65, page 11/33

3-1031030-F0

Couleur maximale dans le système colorimétrique : Laser printer output; separation cmyn6*, D65 pour l'entrée et sortie; Six angles de teinte à 60 degrés couleurs standard $RYGCBM_c$; $h_{ab,ds} = 30.0, 90.0, 150.0, 210.0, 270.0, 330.0$; Six angles de teinte des couleurs périphériques $RYGCBM_d$; $h_{ab,d} = 33.5, 100.6, 155.5, 235.2, 290.8, 348.9$; Six angles de teinte des couleurs élémentaires $RYGCBM_e$; $h_{ab,e} = 25.5, 92.3, 162.2, 217.0, 271.7, 328.6$												
$h_{ab,d}$	$h_{ab,s}$	$h_{ab,e}$	rgb^*_{dd361M}	$LAB^*_{dd361Mi} (x=LabCh)$	$rgb^*_{ds361Mi}$	$LAB^*_{dsx361Mi} (x=LabCh)$	$rgb^*_{dd361Mi}$	$LAB^*_{de361Mi}$	$rgb^*_{dex361Mi} (x=LabCh)$	$rgb^*_{dd361Mi}$	$rgb^*_{dd361Mi}$	
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

3-1031130-L0 PF890-72 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 12/33

graphique TUB-PF89; cercle de teinte, 16 étapes
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}	$LAB^*_{dd361M}(x=LabCh)$	$rgb^*_{ds361Mi}$	$LAB^*_{ds361Mi}(x=LabCh)$	$rgb^*_{dd361Mi}$	$LAB^*_{de361Mi}$	$rgb^*_{dex361Mi}(x=LabCh)$	$rgb^*_{dd361Mi}$	$rgb^*_{ds361Mi}$
168	165	175	0.0	1.0	0.25	53.7	-63.1	12.8	64.4	168	168
170	166	176	0.0	1.0	0.266	53.9	-62.4	10.9	63.4	170	170
171	167	177	0.0	1.0	0.283	54.0	-61.7	9.1	62.4	171	171
173	168	178	0.0	1.0	0.3	54.1	-60.9	7.3	61.3	173	173
174	169	179	0.0	1.0	0.316	54.3	-60.1	5.6	60.3	174	174
176	170	180	0.0	1.0	0.333	54.4	-59.2	3.9	59.3	176	176
177	171	181	0.0	1.0	0.35	54.5	-58.2	2.3	58.3	177	177
179	172	182	0.0	1.0	0.366	54.7	-57.3	0.8	57.3	179	179
180	173	183	0.0	1.0	0.383	54.7	-56.5	-0.6	56.5	180	180
181	174	184	0.0	1.0	0.4	54.8	-55.8	-1.8	55.9	181	181
183	175	185	0.0	1.0	0.416	54.8	-55.2	-3.1	55.2	183	183
184	176	185	0.0	1.0	0.433	54.8	-54.5	-4.3	54.6	184	184
185	177	186	0.0	1.0	0.45	54.9	-53.7	-5.5	54.0	185	185
187	178	187	0.0	1.0	0.466	54.9	-53.0	-6.6	53.4	187	187
188	179	188	0.0	1.0	0.483	55.0	-52.2	-7.8	52.8	188	188
189	180	189	0.0	1.0	0.5	55.0	-51.4	-8.9	52.2	189	189
191	181	190	0.0	1.0	0.516	55.0	-50.6	-10.5	51.7	191	191
193	182	191	0.0	1.0	0.533	55.1	-49.7	-12.1	51.2	193	193
195	183	192	0.0	1.0	0.55	55.1	-48.8	-13.7	50.7	195	195
197	184	193	0.0	1.0	0.566	55.2	-47.8	-15.2	50.2	197	197
199	185	194	0.0	1.0	0.583	55.2	-46.8	-16.6	49.7	199	199
201	186	195	0.0	1.0	0.6	55.2	-45.8	-18.0	49.2	201	201
203	187	195	0.0	1.0	0.616	55.3	-44.7	-19.4	48.7	203	203
205	188	196	0.0	1.0	0.633	55.3	-43.8	-20.5	48.4	205	205
206	189	197	0.0	1.0	0.65	55.3	-43.3	-21.5	48.3	206	206
207	190	198	0.0	1.0	0.666	55.3	-42.7	-22.5	48.3	207	207
209	191	199	0.0	1.0	0.683	55.2	-42.1	-23.4	48.2	209	209
210	192	200	0.0	1.0	0.7	55.2	-41.5	-24.4	48.1	210	210
211	193	201	0.0	1.0	0.716	55.2	-40.8	-25.3	48.0	211	211
213	194	202	0.0	1.0	0.733	55.2	-40.2	-26.2	48.0	213	213
214	195	203	0.0	1.0	0.75	55.2	-39.5	-27.1	47.9	214	214
215	196	204	0.0	1.0	0.766	55.1	-39.2	-27.9	48.1	215	215
216	197	205	0.0	1.0	0.783	55.0	-38.8	-28.7	48.3	216	216
217	198	206	0.0	1.0	0.8	54.9	-38.5	-29.5	48.5	217	217
218	199	206	0.0	1.0	0.816	54.8	-38.1	-30.3	48.7	218	218
219	200	207	0.0	1.0	0.833	54.7	-37.7	-31.1	48.9	219	219
220	201	208	0.0	1.0	0.85	54.6	-37.3	-31.9	49.1	220	220
221	202	209	0.0	1.0	0.866	54.5	-36.9	-32.6	49.3	221	221
222	203	210	0.0	1.0	0.883	54.3	-36.4	-33.7	49.6	222	222
224	204	211	0.0	1.0	0.9	54.2	-35.6	-35.1	50.0	224	224
226	205	212	0.0	1.0	0.916	54.0	-34.8	-36.5	50.4	226	226
228	206	213	0.0	1.0	0.933	53.8	-33.9	-37.8	50.8	228	228
229	207	214	0.0	1.0	0.95	53.6	-33.0	-39.2	51.2	229	229
231	208	215	0.0	1.0	0.966	53.4	-32.0	-40.5	51.7	231	231
233	209	216	0.0	1.0	0.983	53.3	-31.0	-41.8	52.1	233	233
235	210	216	0.0	1.0	1.0	53.1	-30.0	-43.1	52.5	235	235

3-1031230-L0 PF890-72 LAB*la0, YN=0%, XYZnw=3.9, 4.1, 4.1, 84.7, 89.6, 93.9, LAB*nw=23.9, 0.0, 0.0, 95.8, 0.0, 0.0

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

graphique TUB-PF89; cercle de teinte, 16 étapes
cercle chromatique 48 paliers; tableaux $rgb-LabCh^*$

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

TUB enregistrement: 20130201-PF89/PF89L0FA.TXT /PS
application pour la mesure des sorties sur imprimante laser, séparation cmy6* (CMYK)
TUB matériel: code=rha4ta

Couleur maximale dans le système colorimétrique : Laser printer output; separation cmyn6*, D65 pour l'entrée et sortie; Six angles de teinte à 60 degrés couleurs standard RYGBM _s ; h _{ab,ds} = 30.0, 90.0, 150.0, 210.0, 270.0, 330.0; Six angles de teinte des couleurs périphériques RYGBM _q ; h _{ab,d} = 33.5, 100.6, 155.5, 235.2, 290.8, 348.9; Six angles de teinte des couleurs élémentaires RYGBM _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* dd361Mi	LAB* ddx361Mi (x=LabCh)	rgb* ds361Mi	LAB* dsx361Mi (x=LabCh)	rgb* dd361Mi	LAB* de361Mi	rgb* dex361Mi (x=LabCh)	rgb* dd361Mi	LAB* dd361Mi	rgb* dd361Mi	LAB* dd361Mi	rgb* dd361Mi	LAB* dd361Mi	rgb* dd361Mi	LAB* dd361Mi	rgb* dd361Mi	LAB* dd361Mi		
235	210	216	0.0	1.0	0.0	1.0	0.0	1.0	0.0	1.0	0.0	1.0	0.0	1.0	0.0	1.0	0.0	1.0	0.0		
235	211	217	0.0	0.983	1.0	53.1	-29.7	-43.3	52.5	235	0.0	1.0	0.0	0.983	1.0	0.0	1.0	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	0.0	0.967	1.0	0.0	1.0	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	0.0	0.95	1.0	0.0	1.0	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	0.0	0.933	1.0	0.0	1.0	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	0.0	0.917	1.0	0.0	1.0	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	0.0	0.9	1.0	0.0	1.0	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	0.0	0.883	1.0	0.0	1.0	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	0.0	0.867	1.0	0.0	1.0	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	0.0	0.85	1.0	0.0	1.0	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	0.0	0.833	1.0	0.0	1.0	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	0.0	0.817	1.0	0.0	1.0	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	0.0	0.8	1.0	0.0	1.0	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	0.0	0.783	1.0	0.0	1.0	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	0.0	0.767	1.0	0.0	1.0	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	0.0	0.75	1.0	0.0	1.0	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	0.0	0.733	1.0	0.0	1.0	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	0.0	0.717	1.0	0.0	1.0	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	0.0	0.7	1.0	0.0	1.0	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	0.0	0.683	1.0	0.0	1.0	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	0.0	0.667	1.0	0.0	1.0	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	0.0	0.65	1.0	0.0	1.0	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	0.0	0.633	1.0	0.0	1.0	0.0	0.633	1.0	
247	233	237	0.0	0.616	1.0	50.2	-20.2	-49.5	53.5	247	0.0	1.0	0.0	0.617	1.0	0.0	1.0	0.0	0.617	1.0	
248	234	238	0.0	0.6	1.0	49.7	-19.2	-49.6	53.2	248	0.0	1.0	0.0	0.6	1.0	0.0	1.0	0.0	0.6	1.0	
249	235	239	0.0	0.583	1.0	49.1	-18.2	-49.6	52.8	249	0.0	1.0	0.0	0.583	1.0	0.0	1.0	0.0	0.583	1.0	
250	236	240	0.0	0.566	1.0	48.5	-17.2	-49.6	52.5	250	0.0	0.963	1.0	53.1	-29.3	-43.5	52.6	237	0.0	0.567	1.0
251	237	241	0.0	0.55	1.0	47.9	-16.2	-49.5	52.2	251	0.0	0.918	1.0	53.1	-28.6	-44.1	52.7	237	0.0	0.55	1.0
252	238	242	0.0	0.533	1.0	47.3	-15.2	-49.5	51.8	252	0.0	0.874	1.0	53.1	-27.9	-44.7	52.8	238	0.0	0.533	1.0
253	239	243	0.0	0.516	1.0	46.7	-14.3	-49.4	51.5	253	0.0	0.838	1.0	53.0	-27.3	-45.5	53.2	239	0.0	0.517	1.0
254	240	244	0.0	0.5	1.0	46.1	-13.3	-49.4	51.1	254	0.0	0.801	1.0	53.0	-26.7	-46.3	53.6	240	0.0	0.5	1.0
255	241	245	0.0	0.483	1.0	45.5	-12.3	-49.4	50.9	255	0.0	0.764	1.0	52.9	-26.1	-47.2	54.0	241	0.0	0.483	1.0
256	242	246	0.0	0.466	1.0	44.8	-11.4	-49.4	50.7	256	0.0	0.737	1.0	52.7	-25.3	-47.7	54.1	242	0.0	0.467	1.0
258	243	247	0.0	0.45	1.0	44.2	-10.5	-49.4	50.5	258	0.0	0.716	1.0	52.3	-24.4	-48.1	54.1	243	0.0	0.45	1.0
259	244	248	0.0	0.433	1.0	43.6	-9.5	-49.4	50.3	259	0.0	0.694	1.0	51.9	-23.6	-48.4	54.0	244	0.0	0.433	1.0
260	245	248	0.0	0.416	1.0	42.9	-8.6	-49.4	50.1	260	0.0	0.673	1.0	51.5	-22.7	-48.8	53.9	245	0.0	0.417	1.0
261	246	249	0.0	0.4	1.0	42.3	-7.7	-49.3	49.9	261	0.0	0.651	1.0	51.1	-21.8	-49.1	53.8	246	0.0	0.4	1.0
262	247	250	0.0	0.383	1.0	41.7	-6.8	-49.3	49.7	262	0.0	0.63	1.0	50.7	-20.9	-49.4	53.8	247	0.0	0.383	1.0
263	248	251	0.0	0.366	1.0	41.1	-5.7	-49.2	49.6	263	0.0	0.612	1.0	50.1	-19.9	-49.5	53.5	248	0.0	0.367	1.0
264	249	252	0.0	0.35	1.0	40.5	-4.6	-49.2	49.4	264	0.0	0.596	1.0	49.6	-18.9	-49.5	53.1	249	0.0	0.35	1.0
265	250	253	0.0	0.333	1.0	39.9	-3.4	-49.2	49.3	265	0.0	0.58	1.0	49.0	-18.0	-49.5	52.8	250	0.0	0.333	1.0
267	251	254	0.0	0.316	1.0	39.3	-2.3	-49.1	49.1	267	0.0	0.564	1.0	48.4	-17.0	-49.5	52.5	251	0.0	0.317	1.0
268	252	255	0.0	0.3	1.0	38.7	-1.1	-49.0	49.0	268	0.0	0.547	1.0	47.8	-16.0	-49.5	52.1	252	0.0	0.3	1.0
269	253	256	0.0	0.283	1.0	38.1	0.0	-48.9	48.9	269	0.0	0.531	1.0	47.3	-15.0	-49.4	51.8	253	0.0	0.283	1.0
271	254	257	0.0	0.266	1.0	37.4	1.1	-48.7	48.7	271	0.0	0.515	1.0	46.7	-14.1	-49.4	51.5	254	0.0	0.267	1.0
272	255	258	0.0	0.25	1.0	36.8	2.2	-48.5	48.6	272	0.0	0.499	1.0	46.1	-13.1	-49.3	51.2	255	0.0	0.25	1.0

3-1031330-L0 PF890-72 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-PF89; cercle de teinte, 16 étapes
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/PF89/PF89.HTM>
informations techniques: <http://www.ps.bam.de> ou <http://130.149.60.45/~farbmetrik>

TUB enregistrement: 20130201-PF89/PF89L0FA.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 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)	$rgb^*_{dd361Mi}$	$LAB^*_{dex361Mi}$ (x=LabCh)	$rgb^*_{dd361Mi}$	$LAB^*_{dex361Mi}$ (x=LabCh)									
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						
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						
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						
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						
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						
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						
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						
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						
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						
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						
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						
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						
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						
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						
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						
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						
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					
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					
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					
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					
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					
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					
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					
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					
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					
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					
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					
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					
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					
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					
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					
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					
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					
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					
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					
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					
315	291	291	0.35 0.0	1.0	33.6	36.7	-36.0 51.4	315	0.003 0.0	1.0	32.5	17.1	-44.5 47.7	291	0.35 0.0	1.0	33.6	36.7	-36.0 51.4
316	292	292	0.366 0.0	1.0	34.0	37.7	-35.3 51.7	316	0.018 0.0	1.0	32.4	17.9	-44.2 47.8	292	0.366 0.0	1.0	34.0	37.7	-35.3 51.7
317	293	293	0.383 0.0	1.0	34.4	38.5	-34.7 51.9	317	0.033 0.0	1.0	32.3	18.7	-44.0 47.9	293	0.383 0.0	1.0	34.4	38.5	-34.7 51.9
318	294	294	0.4 0.0	1.0	34.8	39.2	-34.2 52.1	318	0.047 0.0	1.0	32.2	19.5	-43.7 48.0	294	0.4 0.0	1.0	34.8	39.2	-34.2 52.1
319	295	295	0.416 0.0	1.0	35.2	39.9	-33.7 52.2	319	0.062 0.0	1.0	32.1	20.3	-43.5 48.1	295	0.416 0.0	1.0	35.2	39.9	-33.7 52.2
320	296	296	0.433 0.0	1.0	35.6	40.5	-33.1 52.4	320	0.077 0.0	1.0	32.0	21.1	-43.2 48.1	296	0.433 0.0	1.0	35.6	40.5	-33.1 52.4
321	297	297	0.45 0.0	1.0	36.0	41.2	-32.6 52.5	321	0.092 0.0	1.0	31.9	21.9	-42.9 48.2	297	0.45 0.0	1.0	36.0	41.2	-32.6 52.5
322	298	298	0.466 0.0	1.0	36.4	41.8	-32.0 52.7	322	0.107 0.0	1.0	31.7	22.7	-42.5 48.3	298	0.466 0.0	1.0	36.4	41.8	-32.0 52.7
323	299	299	0.483 0.0	1.0	36.8	42.5	-31.4 52.9	323	0.122 0.0	1.0	31.6	23.5	-42.2 48.4	299	0.483 0.0	1.0	36.8	42.5	-31.4 52.9
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	37.2	43.1	-30.8 53.0

3-1031430-L0 PF890-72 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-PF89; cercle de teinte, 16 étapes
cercle chromatique 48 paliers; tableaux $rgb-LabCh^*$

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

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

TUB enregistrement: 20130201-PF89/PF89L0FA.TXT /PS
application pour la mesure des sorties sur imprimante laser, séparation cmyn6* (CMYK)
TUB matériel: code=rha4ta

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

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

$h_{ab,d}$	$h_{ab,s}$	$h_{ab,c}$	rgb^*_{dd361M}	$LAB^*_{\text{ddx361Mi}}(x=\text{LabCh})$	rgb^*_{ds361Mi}	$LAB^*_{\text{dsx361Mi}}(x=\text{LabCh})$	rgb^*_{dd361Mi}	rgb^*_{de361Mi}	$LAB^*_{\text{dex361Mi}}(x=\text{LabCh})$	rgb^*_{dd361Mi}											
324	300	300	0.5	0.0	1.0	37.2	43.1	-30.8	53.0	324	0.136	0.0	1.0	31.6	24.3	-41.9	48.5	300	0.5	0.0	1.0
325	301	301	0.516	0.0	1.0	37.4	43.8	-30.4	53.4	325	0.151	0.0	1.0	31.5	25.1	-41.6	48.7	301	0.517	0.0	1.0
326	302	302	0.533	0.0	1.0	37.7	44.5	-29.9	53.7	326	0.165	0.0	1.0	31.4	25.9	-41.3	48.9	302	0.533	0.0	1.0
326	303	303	0.55	0.0	1.0	37.9	45.3	-29.5	54.0	326	0.18	0.0	1.0	31.4	26.7	-41.0	49.0	303	0.55	0.0	1.0
327	304	303	0.566	0.0	1.0	38.2	46.0	-29.0	54.4	327	0.194	0.0	1.0	31.3	27.5	-40.7	49.2	304	0.567	0.0	1.0
328	305	304	0.583	0.0	1.0	38.4	46.7	-28.5	54.7	328	0.209	0.0	1.0	31.2	28.3	-40.3	49.4	305	0.583	0.0	1.0
329	306	305	0.6	0.0	1.0	38.7	47.4	-28.0	55.1	329	0.224	0.0	1.0	31.1	29.1	-40.0	49.5	306	0.6	0.0	1.0
330	307	306	0.616	0.0	1.0	38.9	48.1	-27.5	55.4	330	0.238	0.0	1.0	31.1	29.9	-39.6	49.7	307	0.617	0.0	1.0
331	308	307	0.633	0.0	1.0	39.2	48.9	-26.9	55.8	331	0.252	0.0	1.0	31.1	30.7	-39.2	49.9	308	0.633	0.0	1.0
332	309	308	0.65	0.0	1.0	39.6	49.8	-26.2	56.3	332	0.265	0.0	1.0	31.4	31.5	-38.8	50.1	309	0.65	0.0	1.0
333	310	309	0.666	0.0	1.0	40.0	50.7	-25.4	56.8	333	0.278	0.0	1.0	31.8	32.3	-38.4	50.3	310	0.667	0.0	1.0
334	311	310	0.683	0.0	1.0	40.4	51.6	-24.7	57.2	334	0.291	0.0	1.0	32.1	33.1	-38.0	50.5	311	0.683	0.0	1.0
335	312	311	0.7	0.0	1.0	40.7	52.5	-23.9	57.7	335	0.304	0.0	1.0	32.4	33.9	-37.6	50.7	312	0.7	0.0	1.0
336	313	312	0.716	0.0	1.0	41.1	53.4	-23.1	58.2	336	0.317	0.0	1.0	32.8	34.7	-37.2	50.9	313	0.717	0.0	1.0
337	314	313	0.733	0.0	1.0	41.5	54.3	-22.3	58.7	337	0.33	0.0	1.0	33.1	35.5	-36.7	51.1	314	0.733	0.0	1.0
338	315	314	0.75	0.0	1.0	41.8	55.1	-21.4	59.1	338	0.343	0.0	1.0	33.4	36.3	-36.2	51.4	315	0.75	0.0	1.0
339	316	315	0.766	0.0	1.0	42.4	55.8	-20.9	59.6	339	0.356	0.0	1.0	33.8	37.1	-35.7	51.6	316	0.767	0.0	1.0
340	317	316	0.783	0.0	1.0	42.9	56.5	-20.4	60.1	340	0.368	0.0	1.0	34.1	37.9	-35.2	51.8	317	0.783	0.0	1.0
340	318	317	0.8	0.0	1.0	43.4	57.2	-19.8	60.5	340	0.384	0.0	1.0	34.5	38.6	-34.7	52.0	318	0.8	0.0	1.0
341	319	318	0.816	0.0	1.0	43.9	57.8	-19.3	61.0	341	0.402	0.0	1.0	34.9	39.3	-34.1	52.1	319	0.817	0.0	1.0
342	320	319	0.833	0.0	1.0	44.4	58.5	-18.7	61.4	342	0.42	0.0	1.0	35.3	40.1	-33.5	52.3	320	0.833	0.0	1.0
342	321	320	0.85	0.0	1.0	44.9	59.1	-18.2	61.9	342	0.438	0.0	1.0	35.8	40.8	-32.9	52.5	321	0.85	0.0	1.0
343	322	321	0.866	0.0	1.0	45.4	59.8	-17.6	62.3	343	0.456	0.0	1.0	36.2	41.5	-32.3	52.7	322	0.867	0.0	1.0
344	323	321	0.883	0.0	1.0	45.8	60.5	-17.0	62.8	344	0.474	0.0	1.0	36.6	42.2	-31.7	52.8	323	0.883	0.0	1.0
344	324	322	0.9	0.0	1.0	46.1	61.2	-16.4	63.4	344	0.492	0.0	1.0	37.1	42.9	-31.1	53.0	324	0.9	0.0	1.0
345	325	323	0.916	0.0	1.0	46.5	61.9	-15.9	63.9	345	0.512	0.0	1.0	37.4	43.7	-30.5	53.3	325	0.917	0.0	1.0
346	326	324	0.933	0.0	1.0	46.8	62.6	-15.3	64.5	346	0.532	0.0	1.0	37.7	44.5	-29.9	53.7	326	0.933	0.0	1.0
346	327	325	0.95	0.0	1.0	47.1	63.3	-14.6	65.0	346	0.552	0.0	1.0	38.0	45.4	-29.4	54.1	327	0.95	0.0	1.0
347	328	326	0.966	0.0	1.0	47.5	64.0	-14.0	65.5	347	0.572	0.0	1.0	38.3	46.2	-28.8	54.5	328	0.967	0.0	1.0
348	329	327	0.983	0.0	1.0	47.8	64.7	-13.4	66.1	348	0.592	0.0	1.0	38.6	47.1	-28.2	54.9	329	0.983	0.0	1.0
348	330	328	1.0	0.0	1.0	48.1	65.4	-12.7	66.6	348	0.612	0.0	1.0	38.9	47.9	-27.6	55.4	330	1.0	0.0	1.0
349	331	329	1.0	0.0	0.983	48.3	65.5	-12.5	66.7	349	0.631	0.0	1.0	39.2	48.8	-26.9	55.8	331	1.0	0.0	0.983
349	332	330	1.0	0.0	0.966	48.5	65.6	-12.2	66.7	349	0.646	0.0	1.0	39.6	49.6	-26.3	56.2	332	1.0	0.0	0.967
349	333	331	1.0	0.0	0.95	48.7	65.7	-11.9	66.8	349	0.662	0.0	1.0	39.9	50.5	-25.6	56.7	333	1.0	0.0	0.95
349	334	332	1.0	0.0	0.933	48.9	65.8	-11.7	66.8	349	0.677	0.0	1.0	40.3	51.3	-24.9	57.1	334	1.0	0.0	0.933
350	335	333	1.0	0.0	0.916	49.0	65.9	-11.4	66.9	350	0.692	0.0	1.0	40.6	52.1	-24.2	57.5	335	1.0	0.0	0.917
350	336	334	1.0	0.0	0.9	49.2	66.0	-11.1	66.9	350	0.708	0.0	1.0	41.0	53.0	-23.5	58.0	336	1.0	0.0	0.9
350	337	335	1.0	0.0	0.883	49.4	66.1	-10.9	67.0	350	0.723	0.0	1.0	41.3	53.8	-22.7	58.4	337	1.0	0.0	0.883
350	338	336	1.0	0.0	0.866	49.5	66.0	-10.4	66.9	350	0.738	0.0	1.0	41.6	54.6	-22.0	58.9	338	1.0	0.0	0.867
351	339	337	1.0	0.0	0.85	49.4	65.8	-9.9	66.6	351	0.756	0.0	1.0	42.1	55.4	-21.2	59.4	339	1.0	0.0	0.85
351	340	338	1.0	0.0	0.833	49.4	65.6	-9.3	66.3	351	0.78	0.0	1.0	42.8	56.4	-20.4	60.0	340	1.0	0.0	0.833
352	341	339	1.0	0.0	0.816	49.4	65.4	-8.7	66.0	352	0.804	0.0	1.0	43.5	57.4	-19.7	60.7	341	1.0	0.0	0.817
352	342	339	1.0	0.0	0.8	49.4	65.2	-8.2	65.7	352	0.828	0.0	1.0	44.3	58.3	-18.9	61.3	342	1.0	0.0	0.8
353	343	340	1.0	0.0	0.783	49.3	65.0	-7.6	65.4	353	0.852	0.0	1.0	45.0	59.3	-18.0	62.0	343	1.0	0.0	0.783
353	344	341	1.0	0.0	0.766	49.3	64.7	-7.1	65.1	353	0.877	0.0	1.0	45.7	60.2	-17.2	62.7	344	1.0	0.0	0.767
354	345	342	1.0	0.0	0.75	49.3	64.5	-6.5	64.8	354	0.902	0.0	1.0	46.2	61.3	-16.3	63.5	345	1.0	0.0	0.75

3-1031530-L0	PF890-72	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 16/33

graphique TUB-PF89; cercle de teinte, 16 étapes
cercle chromatique 48 paliers; tableaux *rgb-LabCh**

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

~~3-1031530-F0~~

TUB enregistrement: 20130201-PF89/PF89L0FA.TXT /.PS TUB matériel: code=rhatha
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 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 $RYGCBM_a$: $h_{ab,a} = 33.5, 100.6, 155.5, 235.2, 290.8, 348.9$; 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	PF890-72	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 17/33

graphique TUB-PF89; cercle de teinte, 16 étapes
cercle chromatique 48 paliers: tableaux *rgb-LabCh**

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

http://130.149.60.45/~farbmetrik/PF89/PF89L0FA.TXT /.PS; linéarisation 3D
F: linéarisation 3D PF89/PF89L0FA.DAT dans fichier (F), page 18/33

n/f	HC*Fid	rgb_Fid	icr_Fid	hsa_Fid	rgb*Fid	LabCh*Fid	cmyk*_sep_Fid	hsa_Mid	rgb*_Mid	LabCh*_Mid	delta
0/648	R00Y_100_100ad	1.0	0.0	1.0	0.0	47.5	57.2	37.8	68.6	33.4	0.0
1/657	R13Y_100_100ad	0.0	0.125	0.0	0.0	51.6	54.5	48.4	72.9	41.6	0.0005
2/666	R25Y_100_100ad	0.0	0.25	0.0	0.0	57.4	43.5	54.5	69.7	51.4	0.0
3/675	R38Y_100_100ad	0.0	0.375	0.0	0.0	64.2	30.6	60.1	67.5	63.0	0.0
4/684	R50Y_100_100ad	0.0	0.5	0.0	0.0	70.5	19.2	66.2	69.0	73.8	0.0
5/693	R63Y_100_100ad	0.0	0.625	0.0	0.0	75.4	10.6	71.2	72.0	81.5	0.0
6/702	R75Y_100_100ad	0.0	0.75	0.0	0.0	83.5	-2.9	76.8	76.9	92.2	0.0001
7/711	R88Y_100_100ad	0.0	0.875	0.0	0.0	87.8	-9.4	76.3	76.9	97.0	0.0
8/720	Y00C_100_100ad	1.0	1.0	0.0	0.0	91.5	-15.8	84.6	86.1	100.5	0.0
9/639	Y13C_100_100ad	0.875	1.0	0.0	0.0	92.7	-18.0	89.1	90.9	101.4	0.0
10/658	Y25C_100_100ad	0.75	1.0	0.0	0.0	90.4	-20.9	86.5	89.0	103.6	0.0
11/477	Y38C_100_100ad	0.625	1.0	0.0	0.0	80.5	-31.2	69.2	75.9	112.3	0.0
12/396	Y50C_100_100ad	0.5	1.0	0.0	0.0	70.9	-41.7	54.8	68.9	127.3	0.0
13/315	Y63C_100_100ad	0.375	1.0	0.0	0.0	66.1	-48.2	47.5	67.7	135.3	0.0
14/234	Y75C_100_100ad	0.25	1.0	0.0	0.0	60.1	-57.9	39.6	70.2	145.5	0.0
15/153	Y88C_100_100ad	0.125	1.0	0.0	0.0	56.8	-62.5	34.1	71.3	151.3	0.0
16/72	G00C_100_100ad	0.0	1.0	0.0	0.0	54.3	-67.6	30.8	74.3	155.5	0.0
17/73	G13C_100_100ad	0.0	0.125	1.0	0.0	53.8	-66.5	23.5	70.5	160.5	0.0
18/74	G25C_100_100ad	0.0	0.25	1.0	0.0	53.7	-63.6	14.1	65.2	167.4	0.0
19/75	G38C_100_100ad	0.0	0.375	1.0	0.0	54.7	-57.3	0.8	57.3	179.1	0.0
20/76	G50C_100_100ad	0.0	0.5	1.0	0.0	55.0	-51.4	-6.9	52.2	189.8	0.0
21/77	G63C_100_100ad	0.0	0.625	1.0	0.0	55.3	-43.8	-20.5	48.4	205.1	0.0
22/78	G75C_100_100ad	0.0	0.75	1.0	0.0	55.1	-39.2	-27.9	48.1	215.4	0.0
23/79	G88C_100_100ad	0.0	0.875	1.0	0.0	54.3	-36.4	-33.7	49.6	222.8	0.0
24/80	C00B_100_100ad	0.0	1.0	0.0	0.0	53.1	-30.0	-43.1	52.5	235.1	0.0
25/71	C13B_100_100ad	0.0	0.875	1.0	0.0	53.1	-28.1	-44.6	52.7	237.7	0.0
26/62	C25B_100_100ad	0.0	0.75	1.0	0.0	52.9	-26.2	-47.2	53.9	240.9	0.0
27/63	C38B_100_100ad	0.0	0.625	1.0	0.0	50.7	-21.1	-49.4	53.7	246.8	0.0
28/44	C50B_100_100ad	0.0	0.5	1.0	0.0	46.1	-13.3	-49.4	51.1	254.9	0.0
29/35	C63B_100_100ad	0.0	0.375	1.0	0.0	41.1	-5.7	-49.2	49.6	263.3	0.0
30/26	C75B_100_100ad	0.0	0.25	1.0	0.0	36.6	3.2	-48.3	48.4	273.8	0.0
31/17	C88B_100_100ad	0.0	0.125	1.0	0.0	34.9	9.9	-46.3	47.3	282.0	0.0
32/8	B00M_100_100ad	0.0	1.0	0.0	0.0	32.5	16.9	-44.6	47.7	290.8	0.0
33/89	B13M_100_100ad	0.125	1.0	0.0	0.0	31.6	23.1	-42.4	48.3	298.6	0.0
34/170	B25M_100_100ad	0.25	1.0	0.0	0.0	31.1	29.6	-39.8	49.6	306.6	0.0
35/251	B38M_100_100ad	0.375	1.0	0.0	0.0	34.0	37.7	-35.3	51.7	316.8	0.0
36/332	B50M_100_100ad	0.5	1.0	0.0	0.0	37.2	43.1	-30.8	53.0	324.4	0.0
37/413	B63M_100_100ad	0.625	1.0	0.0	0.0	39.2	48.9	-26.9	55.8	331.1	0.0
38/494	B75M_100_100ad	0.75	1.0	0.0	0.0	42.4	55.8	-20.9	59.6	339.4	0.0
39/575	B88M_100_100ad	0.875	1.0	0.0	0.0	45.8	60.5	-17.0	62.8	344.2	0.0
40/656	M00R_100_100ad	1.0	0.0	1.0	0.0	48.1	65.4	-12.7	66.6	348.9	0.0
41/655	M13R_100_100ad	1.0	0.0	0.875	1.0	48.1	66.1	-10.9	67.0	350.6	0.0
42/654	M25R_100_100ad	1.0	0.0	0.75	1.0	49.3	64.7	-7.1	65.1	353.7	0.0
43/653	M38R_100_100ad	1.0	0.0	0.625	1.0	48.0	62.0	1.5	62.0	1.4	0.0004
44/652	M50R_100_100ad	1.0	0.0	0.5	1.0	47.8	58.9	10.4	59.9	10.0	0.0
45/651	M63R_100_100ad	1.0	0.0	0.375	1.0	47.8	58.9	10.4	59.9	10.0	0.0
46/650	M75R_100_100ad	1.0	0.0	0.25	1.0	47.5	58.9	10.4	59.9	10.0	0.0
47/649	M88R_100_100ad	1.0	0.0	0.125	1.0	47.6	56.4	34.5	66.1	31.4	0.0
48/648	R00Y_100_100ad	1.0	0.0	0.0	0.0	47.5	57.2	37.8	68.6	33.4	0.0
49/0	NW_000ad	0.0	0.0	0.0	0.0	32.8	0.0	0.0	0.0	0.0	0.0
50/91	NW_013ad	0.125	0.0	0.0	0.0	32.8	0.0	0.0	0.0	0.0	0.0
51/182	NW_025ad	0.25	0.0	0.0	0.0	4.8	0.0	0.0	0.0	0.0	0.0
52/273	NW_038ad	0.375	0.0	0.0	0.0	50.8	0.0	0.0	0.0	0.0	0.0
53/364	NW_050ad	0.5	0.0	0.0	0.0	59.8	0.0	0.0	0.0	0.0	0.0
54/455	NW_063ad	0.625	0.0	0.0	0.0	69.8	0.0	0.0	0.0	0.0	0.0
55/546	NW_075ad	0.75	0.0	0.0	0.0	77.8	0.0	0.0	0.0	0.0	0.0
56/637	NW_088ad	0.875	0.0	0.0	0.0	86.8	0.0	0.0	0.0	0.0	0.0
57/728	NW_100ad	1.0	1.0	1.0	1.0	95.8	0.0	0.0	0.0	0.0	0.0

graphique TUB-PF89; cercle de teinte, 16 étapes
couleurs et différences, ΔE^*

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



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

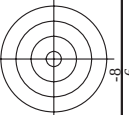
entrée : $rgb/cmyk \rightarrow rgb_{dd}$
 sortie : linéarisation 3D selon $cmyk^*_{dd}$

3-1031830-E0

voir fichiers similaires: <http://130.149.60.45/~farbmatrik/PF89/PF89.HTM>
 informations techniques: <http://www.ps.bam.de> ou <http://130.149.60.45/~farbmatrik>

[illegible]

n	H1C*Fid	rgb_Fid	icr_Fid	hsa_Fid	rgb*Fid	LabCh*Fid	cmyk*_sep_Fid	delta	rgb*Mid	hsa_Mid	LabCh*Mid
324	R050.050.050ad	0.5	0.0	0.0	0.0	35.7	28.6	18.9	34.3	18.9	34.3
325	R050.050.050ad	0.5	0.0	0.0	0.0	35.7	28.6	18.9	34.3	18.9	34.3
326	R050.050.050ad	0.5	0.0	0.0	0.0	35.7	28.6	18.9	34.3	18.9	34.3
327	B050.050.050ad	0.5	0.0	0.0	0.0	35.7	28.6	18.9	34.3	18.9	34.3
328	B050.050.050ad	0.5	0.0	0.0	0.0	35.7	28.6	18.9	34.3	18.9	34.3
329	B050.050.050ad	0.5	0.0	0.0	0.0	35.7	28.6	18.9	34.3	18.9	34.3
330	B050.050.050ad	0.5	0.0	0.0	0.0	35.7	28.6	18.9	34.3	18.9	34.3
331	B050.050.050ad	0.5	0.0	0.0	0.0	35.7	28.6	18.9	34.3	18.9	34.3
332	B050.050.050ad	0.5	0.0	0.0	0.0	35.7	28.6	18.9	34.3	18.9	34.3
333	B050.050.050ad	0.5	0.0	0.0	0.0	35.7	28.6	18.9	34.3	18.9	34.3
334	R050.050.050ad	0.5	0.0	0.0	0.0	35.7	28.6	18.9	34.3	18.9	34.3
335	R050.050.050ad	0.5	0.0	0.0	0.0	35.7	28.6	18.9	34.3	18.9	34.3
336	R050.050.050ad	0.5	0.0	0.0	0.0	35.7	28.6	18.9	34.3	18.9	34.3
337	R050.050.050ad	0.5	0.0	0.0	0.0	35.7	28.6	18.9	34.3	18.9	34.3
338	R050.050.050ad	0.5	0.0	0.0	0.0	35.7	28.6	18.9	34.3	18.9	34.3
339	R050.050.050ad	0.5	0.0	0.0	0.0	35.7	28.6	18.9	34.3	18.9	34.3
340	R050.050.050ad	0.5	0.0	0.0	0.0	35.7	28.6	18.9	34.3	18.9	34.3
341	R050.050.050ad	0.5	0.0	0.0	0.0	35.7	28.6	18.9	34.3	18.9	34.3
342	R050.050.050ad	0.5	0.0	0.0	0.0	35.7	28.6	18.9	34.3	18.9	34.3
343	R050.050.050ad	0.5	0.0	0.0	0.0	35.7	28.6	18.9	34.3	18.9	34.3
344	R050.050.050ad	0.5	0.0	0.0	0.0	35.7	28.6	18.9	34.3	18.9	34.3
345	R050.050.050ad	0.5	0.0	0.0	0.0	35.7	28.6	18.9	34.3	18.9	34.3
346	R050.050.050ad	0.5	0.0	0.0	0.0	35.7	28.6	18.9	34.3	18.9	34.3
347	R050.050.050ad	0.5	0.0	0.0	0.0	35.7	28.6	18.9	34.3	18.9	34.3
348	R050.050.050ad	0.5	0.0	0.0	0.0	35.7	28.6	18.9	34.3	18.9	34.3
349	R050.050.050ad	0.5	0.0	0.0	0.0	35.7	28.6	18.9	34.3	18.9	34.3
350	R050.050.050ad	0.5	0.0	0.0	0.0	35.7	28.6	18.9	34.3	18.9	34.3
351	R050.050.050ad	0.5	0.0	0.0	0.0	35.7	28.6	18.9	34.3	18.9	34.3
352	R050.050.050ad	0.5	0.0	0.0	0.0	35.7	28.6	18.9	34.3	18.9	34.3
353	R050.050.050ad	0.5	0.0	0.0	0.0	35.7	28.6	18.9	34.3	18.9	34.3
354	R050.050.050ad	0.5	0.0	0.0	0.0	35.7	28.6	18.9	34.3	18.9	34.3
355	R050.050.050ad	0.5	0.0	0.0	0.0	35.7	28.6	18.9	34.3	18.9	34.3
356	R050.050.050ad	0.5	0.0	0.0	0.0	35.7	28.6	18.9	34.3	18.9	34.3
357	R050.050.050ad	0.5	0.0	0.0	0.0	35.7	28.6	18.9	34.3	18.9	34.3
358	R050.050.050ad	0.5	0.0	0.0	0.0	35.7	28.6	18.9	34.3	18.9	34.3
359	R050.050.050ad	0.5	0.0	0.0	0.0	35.7	28.6	18.9	34.3	18.9	34.3
360	R050.050.050ad	0.5	0.0	0.0	0.0	35.7	28.6	18.9	34.3	18.9	34.3
361	R050.050.050ad	0.5	0.0	0.0	0.0	35.7	28.6	18.9	34.3	18.9	34.3
362	R050.050.050ad	0.5	0.0	0.0	0.0	35.7	28.6	18.9	34.3	18.9	34.3
363	R050.050.050ad	0.5	0.0	0.0	0.0	35.7	28.6	18.9	34.3	18.9	34.3
364	R050.050.050ad	0.5	0.0	0.0	0.0	35.7	28.6	18.9	34.3	18.9	34.3
365	R050.050.050ad	0.5	0.0	0.0	0.0	35.7	28.6	18.9	34.3	18.9	34.3
366	R050.050.050ad	0.5	0.0	0.0	0.0	35.7	28.6	18.9	34.3	18.9	34.3
367	R050.050.050ad	0.5	0.0	0.0	0.0	35.7	28.6	18.9	34.3	18.9	34.3
368	R050.050.050ad	0.5	0.0	0.0	0.0	35.7	28.6	18.9	34.3	18.9	34.3
369	R050.050.050ad	0.5	0.0	0.0	0.0	35.7	28.6	18.9	34.3	18.9	34.3
370	R050.050.050ad	0.5	0.0	0.0	0.0	35.7	28.6	18.9	34.3	18.9	34.3
371	R050.050.050ad	0.5	0.0	0.0	0.0	35.7	28.6	18.9	34.3	18.9	34.3
372	R050.050.050ad	0.5	0.0	0.0	0.0	35.7	28.6	18.9	34.3	18.9	34.3
373	R050.050.050ad	0.5	0.0	0.0	0.0	35.7	28.6	18.9	34.3	18.9	34.3
374	R050.050.050ad	0.5	0.0	0.0	0.0	35.7	28.6	18.9	34.3	18.9	34.3
375	R050.050.050ad	0.5	0.0	0.0	0.0	35.7	28.6	18.9	34.3	18.9	34.3
376	R050.050.050ad	0.5	0.0	0.0	0.0	35.7	28.6	18.9	34.3	18.9	34.3
377	R050.050.050ad	0.5	0.0	0.0	0.0	35.7	28.6	18.9	34.3	18.9	34.3
378	R050.050.050ad	0.5	0.0	0.0	0.0	35.7	28.6	18.9	34.3	18.9	34.3
379	R050.050.050ad	0.5	0.0	0.0	0.0	35.7	28.6	18.9	34.3	18.9	34.3
380	R050.050.050ad	0.5	0.0	0.0	0.0	35.7	28.6	18.9	34.3	18.9	34.3
381	R050.050.050ad	0.5	0.0	0.0	0.0	35.7	28.6	18.9	34.3	18.9	34.3
382	R050.050.050ad	0.5	0.0	0.0	0.0	35.7	28.6	18.9	34.3	18.9	34.3
383	R050.050.050ad	0.5	0.0	0.0	0.0	35.7	28.6	18.9	34.3	18.9	34.3
384	R050.050.050ad	0.5	0.0	0.0	0.0	35.7	28.6	18.9	34.3	18.9	34.3
385	R050.050.050ad	0.5	0.0	0.0	0.0	35.7	28.6	18.9	34.3	18.9	34.3
386	R050.050.050ad	0.5	0.0	0.0	0.0	35.7	28.6	18.9	34.3	18.9	34.3
387	R050.050.050ad	0.5	0.0	0.0	0.0	35.7	28.6	18.9	34.3	18.9	34.3
388	R050.050.050ad	0.5	0.0	0.0	0.0	35.7	28.6	18.9	34.3	18.9	34.3
389	R050.050.050ad	0.5	0.0	0.0	0.0	35.7	28.6	18.9	34.3	18.9	34.3
390	R050.050.050ad	0.5	0.0	0.0	0.0	35.7	28.6	18.9	34.3	18.9	34.3
391	R050.050.050ad	0.5	0.0	0.0	0.0	35.7	28.6	18.9	34.3	18.9	34.3
392	R050.050.050ad	0.5	0.0	0.0	0.0	35.7	28.6	18.9	34.3	18.9	34.3
393	R050.050.050ad	0.5	0.0	0.0	0.0	35.7	28.6	18.9	34.3	18.9	34.3
394	R050.050.050ad	0.5	0.0	0.0	0.0	35.7	28.6	18.9	34.3	18.9	34.3
395	R050.050.050ad	0.5	0.0	0.0	0.0	35.7	28.6	18.9	34.3	18.9	34.3
396	R050.050.050ad	0.5	0.0	0.0	0.0	35.7	28.6	18.9	34.3	18.9	34.3
397	R050.050.050ad	0.5	0.0	0.0	0.0	35.7	28.6	18.9	34.3	18.9	34.3
398	R050.050.050ad	0.5	0.0	0.0	0.0	35.7	28.6	18.9	34.3	18.9	34.3
399	R050.050.050ad	0.5	0.0	0.0	0.0	35.7	28.6	18.9	34.3	18.9	34.3
400	R050.050.050ad	0.5	0.0	0.0	0.0	35.7	28.6	18.9	34.3	18.9	34.3
401	R050.050.050ad	0.5	0.0	0.0	0.0	35.7	28.6	18.9	34.3	18.9	34.3
402	R050.050.050ad	0.5	0.0	0.0	0.0	35.7	28.6	18.9	34.3	18.9	34.3
403	R050.050.050ad	0.5	0.0	0.0	0.0	35.7	28.6	18.9	34.3	18.9	34.3
404	R050.050.050ad	0.5	0.0	0.0	0.0	35.7	28.6	18.9	34.3	18.9	34.3



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

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

n	HIC-Fold	rgb_Fold	lcr_Fold	hsa_Fold	rgb_Med	LabCH_Fold	cmym*exp_Fold	hsa_Med	rgb_Med	LabCH_Med	delta									
486	R00Y_075_075ad	0.75	0.0	0.75	0.75	0.375	390	389	1.0	0.0	0.254	0.834	0.889	0.755	0.888	0.255	37.8	66.6	33.4	
487	R00Y_075_075ad	0.75	0.125	0.75	0.75	0.0	41.6	42.2	0.0	0.112	42.9	28.3	51.4	24.6	48.9	30.3	0.0	0.889	0.75	57.2
488	R18Y_075_075ad	0.75	0.0	0.75	0.75	0.0	41.6	42.2	0.0	0.112	42.9	28.3	51.4	24.6	48.9	30.3	0.0	0.889	0.75	57.2
489	R00Y_075_075ad	0.75	0.0	0.75	0.75	0.0	41.6	42.2	0.0	0.112	42.9	28.3	51.4	24.6	48.9	30.3	0.0	0.889	0.75	57.2
490	B65R_075_075ad	0.75	0.0	0.75	0.75	0.0	41.6	42.2	0.0	0.112	42.9	28.3	51.4	24.6	48.9	30.3	0.0	0.889	0.75	57.2
491	B57R_075_075ad	0.75	0.0	0.75	0.75	0.0	41.6	42.2	0.0	0.112	42.9	28.3	51.4	24.6	48.9	30.3	0.0	0.889	0.75	57.2
492	B34R_087_087ad	0.75	0.0	0.75	0.75	0.0	41.6	42.2	0.0	0.112	42.9	28.3	51.4	24.6	48.9	30.3	0.0	0.889	0.75	57.2
493	B34R_087_087ad	0.75	0.0	0.75	0.75	0.0	41.6	42.2	0.0	0.112	42.9	28.3	51.4	24.6	48.9	30.3	0.0	0.889	0.75	57.2
494	B38R_100_100ad	0.75	0.0	0.75	0.75	0.0	41.6	42.2	0.0	0.112	42.9	28.3	51.4	24.6	48.9	30.3	0.0	0.889	0.75	57.2
495	R15Y_075_075ad	0.75	0.125	0.75	0.75	0.0	41.6	42.2	0.0	0.112	42.9	28.3	51.4	24.6	48.9	30.3	0.0	0.889	0.75	57.2
496	R00Y_075_062ad	0.75	0.125	0.75	0.75	0.0	41.6	42.2	0.0	0.112	42.9	28.3	51.4	24.6	48.9	30.3	0.0	0.889	0.75	57.2
497	R31Y_075_062ad	0.75	0.125	0.75	0.75	0.0	41.6	42.2	0.0	0.112	42.9	28.3	51.4	24.6	48.9	30.3	0.0	0.889	0.75	57.2
498	R11Y_075_062ad	0.75	0.125	0.75	0.75	0.0	41.6	42.2	0.0	0.112	42.9	28.3	51.4	24.6	48.9	30.3	0.0	0.889	0.75	57.2
499	B69R_075_062ad	0.75	0.125	0.75	0.75	0.0	41.6	42.2	0.0	0.112	42.9	28.3	51.4	24.6	48.9	30.3	0.0	0.889	0.75	57.2
500	B50R_075_062ad	0.75	0.125	0.75	0.75	0.0	41.6	42.2	0.0	0.112	42.9	28.3	51.4	24.6	48.9	30.3	0.0	0.889	0.75	57.2
501	B50R_075_062ad	0.75	0.125	0.75	0.75	0.0	41.6	42.2	0.0	0.112	42.9	28.3	51.4	24.6	48.9	30.3	0.0	0.889	0.75	57.2
502	B42R_087_075ad	0.75	0.125	0.75	0.75	0.0	41.6	42.2	0.0	0.112	42.9	28.3	51.4	24.6	48.9	30.3	0.0	0.889	0.75	57.2
503	B36R_100_087ad	0.75	0.125	0.75	0.75	0.0	41.6	42.2	0.0	0.112	42.9	28.3	51.4	24.6	48.9	30.3	0.0	0.889	0.75	57.2
504	R31Y_075_075ad	0.75	0.0	0.75	0.75	0.0	41.6	42.2	0.0	0.112	42.9	28.3	51.4	24.6	48.9	30.3	0.0	0.889	0.75	57.2
505	R18Y_075_062ad	0.75	0.0	0.75	0.75	0.0	41.6	42.2	0.0	0.112	42.9	28.3	51.4	24.6	48.9	30.3	0.0	0.889	0.75	57.2
506	R00Y_075_050ad	0.75	0.25	0.75	0.5	0.5	390	389	1.0	0.0	0.254	0.834	0.889	0.755	0.888	0.255	37.8	66.6	33.4	
507	R26Y_075_050ad	0.75	0.25	0.75	0.5	0.5	376	377	1.0	0.0	0.254	0.834	0.889	0.755	0.888	0.255	37.8	66.6	33.4	
508	R00Y_075_050ad	0.75	0.25	0.75	0.5	0.5	360	360	1.0	0.0	0.254	0.834	0.889	0.755	0.888	0.255	37.8	66.6	33.4	
509	B61R_075_050ad	0.75	0.25	0.75	0.5	0.5	344	345	1.0	0.0	0.254	0.834	0.889	0.755	0.888	0.255	37.8	66.6	33.4	
510	B50R_087_062ad	0.75	0.25	0.75	0.5	0.5	330	330	1.0	0.0	0.254	0.834	0.889	0.755	0.888	0.255	37.8	66.6	33.4	
511	B40R_087_062ad	0.75	0.25	0.75	0.5	0.5	310	311	1.0	0.0	0.254	0.834	0.889	0.755	0.888	0.255	37.8	66.6	33.4	
512	B40R_087_062ad	0.75	0.25	0.75	0.5	0.5	290	291	1.0	0.0	0.254	0.834	0.889	0.755	0.888	0.255	37.8	66.6	33.4	
513	B50R_075_075ad	0.75	0.375	0.0	0.75	0.375	400	400	1.0	0.0	0.375	400	400	1.0	0.0	0.375	400	400	1.0	
514	R38Y_075_062ad	0.75	0.375	0.125	0.75	0.625	437	438	1.0	0.0	0.375	437	438	1.0	0.0	0.375	437	438	1.0	
515	R23Y_075_050ad	0.75	0.375	0.25	0.75	0.5	44	44	1.0	0.0	0.375	44	44	1.0	0.0	0.375	44	44	1.0	
516	R00Y_075_037ad	0.75	0.375	0.375	0.75	0.375	562	562	1.0	0.0	0.375	562	562	1.0	0.0	0.375	562	562	1.0	
517	R18Y_075_037ad	0.75	0.375	0.5	0.75	0.375	562	562	1.0	0.0	0.375	562	562	1.0	0.0	0.375	562	562	1.0	
518	B65R_075_037ad	0.75	0.375	0.625	0.75	0.375	562	562	1.0	0.0	0.375	562	562	1.0	0.0	0.375	562	562	1.0	
519	B50R_075_037ad	0.75	0.375	0.75	0.75	0.375	562	562	1.0	0.0	0.375	562	562	1.0	0.0	0.375	562	562	1.0	
520	B38R_087_037ad	0.75	0.375	0.875	0.875	0.5	625	625	1.0	0.0	0.375	625	625	1.0	0.0	0.375	625	625	1.0	
521	B38R_100_062ad	0.75	0.375	1.0	1.0	0.625	687	687	1.0	0.0	0.375	687	687	1.0	0.0	0.375	687	687	1.0	
522	R68Y_075_075ad	0.75	0.5	0.125	0.75	0.625	437	437	1.0	0.0	0.375	437	437	1.0	0.0	0.375	437	437	1.0	
523	R61Y_075_062ad	0.75	0.5	0.25	0.75	0.5	60	60	1.0	0.0	0.375	60	60	1.0	0.0	0.375	60	60	1.0	
524	R50Y_075_037ad	0.75	0.5	0.375	0.75	0.625	437	437	1.0	0.0	0.375	437	437	1.0	0.0	0.375	437	437	1.0	
525	R31Y_075_037ad	0.75	0.5	0.75	0.75	0.625	437	437	1.0	0.0	0.375	437	437	1.0	0.0	0.375	437	437	1.0	
526	R00Y_075_025ad	0.75	0.5	0.75	0.75	0.625	437	437	1.0	0.0	0.375	437	437	1.0	0.0	0.375	437	437	1.0	
527	R00Y_075_025ad	0.75	0.5	0.75	0.75	0.625	437	437	1.0	0.0	0.375	437	437	1.0	0.0	0.375	437	437	1.0	
528	B50R_075_025ad	0.75	0.5	0.75	0.75	0.625	437	437	1.0	0.0	0.375	437	437	1.0	0.0	0.375	437	437	1.0	
529	B34R_087_037ad	0.75	0.5	0.875	0.875	0.375	687	687	1.0	0.0	0.375	687	687	1.0	0.0	0.375	687	687	1.0	
530	B25R_100_050ad	0.75	0.5	1.0	1.0	0.5	300	300	1.0	0.0	0.375	300	300	1.0	0.0	0.375	300	300	1.0	
531	R85Y_075_075ad	0.75	0.625	0.0	0.75	0.75	81	81	1.0	0.0	0.375	81	81	1.0	0.0	0.375	81	81	1.0	
532	R81Y_075_062ad	0.75	0.625	0.125	0.75	0.625	437	437	1.0	0.0	0.375	437	437	1.0	0.0	0.375	437	437	1.0	
533	R76Y_075_050ad	0.75	0.625	0.25	0.75	0.5	76	76	1.0	0.0	0.375	76	76	1.0	0.0	0.375	76	76	1.0	
534	R68Y_075_037ad	0.75	0.625	0.375	0.75	0.375	562	562	1.0	0.0	0.375	562	562	1.0	0.0	0.375	562	562	1.0	
535	R50Y_075_025ad	0.75	0.625	0.5	0.75	0.25	625	625	1.0	0.0	0.375	625	625	1.0	0.0	0.375	625	625	1.0	
536	R00Y_075_025ad	0.75	0.625	0.625	0.75	0.625	437	437	1.0	0.0	0.375	437	437	1.0	0.0	0.375	437	437	1.0	
537	B50R_075_025ad	0.75	0.625	0.75	0.75	0.625	437	437	1.0	0.0	0.375	437	437	1.0	0.0	0.375	437	437	1.0	
538	B50R_075_025ad	0.75	0.625	0.875	0.875	0.5	625	625	1.0	0.0	0.375	625	625	1.0	0.0	0.375	625	625	1.0	
539	B15R_100_037ad	0.75	0.625	1.0	1.0	0.375	0812	889	1.0	0.0	0.375	0812	889	1.0	0.0	0.375	0812	889	1.0	
540	Y00G_075_075ad	0.75	0.75	0.125	0.75	0.75	0.625	437	1.0	0.0	0.375	0812	889	1.0	0.0	0.375	0812	889	1.0	
541	Y00G_075_062ad	0.75	0.75	0.25	0.75	0.75	0.625	437	1.0	0.0	0.375	0812	889	1.0	0.0	0.375	0812	889	1.0	
542	Y00G_075_050ad	0.75	0.75	0.375	0.75	0.75	0.625	437	1.0	0.0	0.375	0812	889	1.0	0.0	0.375	0812	889	1.0	
543	Y00G_075_037ad	0.75	0.75	0.375	0.75	0.75	0.625	437	1.0	0.0	0.375	0812	889	1.0	0.0	0.375	0812	889	1.0	
544	Y00G_075_025ad	0.75	0.75	0.5	0.75	0.25	625	625	1.0	0.0	0.375	0812	889	1.0	0.0	0.375	0812	889	1.0	
545	Y00G_075_012ad	0.75	0.75	0.625	0.75	0.125	687	687	1.0	0.0	0.375	0812	889	1.0	0.0	0.375	0812	889	1.0	
546	NW_10_Fold	0.75	0.75	0.75	0.75	0.75	360	360	1.0	0.0	0.375	0812	889	1.0	0.0	0.375	0812	889	1.0	
547	B00R_087_012ad	0.75	0.75	0.875	0.125	0.812	270	270	1.0	0.0	0.375	0812	889	1.0	0.0	0.375	0812	889	1.0	
548	Y00G_100_025ad	0.75	0.75	1.0	1.0	0.25	687	687	1.0	0.0	0.375	0812	889	1.0	0.0	0.375	0812	889	1.0	
549	Y00G_100_012ad	0.75	0.75	1.0	1.0	0.25	687	687	1.0	0.0	0.375	0812	889	1.0	0.0	0.375	0812	889	1.0	
550	Y18R_087_075ad	0.75	0.875	0.125	0.875	0.375	562	562	1.0	0.0	0.375	0812	889	1.0	0.0	0.375	0812	889	1.0	
55																				

n	HIC*Fid	rgb_Fid	icr_Fid	hsa_Fid	rgb*Fid	LabCh*Fid	cmyk*_sep_Fid	delta	rgb*dd	LabCh*dd
567	R00Y.087.087Ad	0.875 0.0 0.125	0.875 0.875 0.437	390	0.875 0.0 0.0	44.6 50.0	0.0 0.939	0.922	1.0 0.0	47.5 57.2
568	R36Y.087.087Ad	0.875 0.0 0.125	0.875 0.875 0.437	382	0.875 0.0 0.116	44.6 49.3	0.0 0.933	0.819	1.0 0.0	47.5 57.2
569	R23Y.087.087Ad	0.875 0.0 0.375	0.875 0.875 0.437	374	0.875 0.0 0.233	44.5 50.5	0.0 0.928	0.697	1.0 0.0	47.5 57.2
570	R08Y.087.087Ad	0.875 0.0 0.375	0.875 0.875 0.437	365	0.875 0.0 0.364	44.5 50.5	0.0 0.927	0.559	1.0 0.0	47.5 57.2
571	B70K.087.087Ad	0.875 0.0 0.625	0.875 0.875 0.437	355	0.875 0.0 0.511	44.9 53.3	0.0 0.925	0.409	1.0 0.0	47.5 57.2
572	B63K.087.087Ad	0.875 0.0 0.625	0.875 0.875 0.437	346	0.875 0.0 0.641	45.9 56.2	0.0 0.898	0.245	1.0 0.0	47.5 57.2
573	B56K.087.087Ad	0.875 0.0 0.75	0.875 0.875 0.437	338	0.875 0.0 0.758	46.3 57.8	0.0 0.911	0.173	1.0 0.0	47.5 57.2
574	B50K.087.087Ad	0.875 0.0 0.875	0.875 0.875 0.437	330	0.875 0.0 0.875	45.1 57.2	0.0 0.925	0.137	1.0 0.0	47.5 57.2
575	B44K.100.100Ad	0.875 0.0 1.0	0.875 0.875 0.437	323	0.883 0.0 1.0	45.8 60.5	0.0 0.999	0.0	1.0 0.0	47.5 57.2
576	R13Y.087.087Ad	0.875 0.125 0.0	0.875 0.875 0.437	38	0.875 0.116 0.0	48.8 46.8	0.0 0.823	0.927	1.0 0.0	47.5 57.2
577	R30Y.087.087Ad	0.875 0.125 0.125	0.875 0.75 0.5	381	0.875 0.125 0.125	50.6 42.2	0.0 0.798	0.666	1.0 0.0	47.5 57.2
578	R35Y.087.087Ad	0.875 0.125 0.25	0.875 0.75 0.5	380	0.875 0.125 0.25	50.7 42.2	0.0 0.787	0.604	1.0 0.0	47.5 57.2
579	R18Y.087.087Ad	0.875 0.125 0.375	0.875 0.75 0.5	371	0.875 0.125 0.362	50.5 42.4	0.0 0.777	0.491	1.0 0.0	47.5 57.2
580	R00Y.087.087Ad	0.875 0.125 0.375	0.875 0.75 0.5	360	0.875 0.125 0.5	50.8 44.2	0.0 0.77	0.357	1.0 0.0	47.5 57.2
581	B65K.087.087Ad	0.875 0.125 0.625	0.875 0.75 0.5	349	0.875 0.125 0.637	51.4 47.4	0.0 0.765	0.231	1.0 0.0	47.5 57.2
582	B57K.087.087Ad	0.875 0.125 0.75	0.875 0.75 0.5	339	0.875 0.125 0.762	52.0 49.4	0.0 0.764	0.139	1.0 0.0	47.5 57.2
583	B43K.100.100Ad	0.875 0.125 1.0	0.875 0.75 0.5	332	0.875 0.125 0.875	51.1 52.3	0.0 0.765	0.097	1.0 0.0	47.5 57.2
584	B43K.100.100Ad	0.875 0.125 1.0	0.875 0.562 0.32	46	0.883 0.125 1.0	51.1 52.3	0.0 0.786	0.134	1.0 0.0	47.5 57.2
585	R26Y.087.087Ad	0.875 0.25 0.0	0.875 0.875 0.437	39	0.875 0.237 0.125	54.7 35.2	0.0 0.701	0.938	1.0 0.0	47.5 57.2
586	R15Y.087.087Ad	0.875 0.25 0.125	0.875 0.75 0.5	36	0.875 0.233 0.125	54.8 38.8	0.0 0.738	0.76	1.0 0.0	47.5 57.2
587	R31Y.087.087Ad	0.875 0.25 0.25	0.875 0.625 0.562	390	0.875 0.25 0.364	56.7 35.1	0.0 0.693	0.542	1.0 0.0	47.5 57.2
588	R31Y.087.087Ad	0.875 0.25 0.375	0.875 0.625 0.562	379	0.875 0.25 0.489	56.5 35.1	0.0 0.679	0.485	1.0 0.0	47.5 57.2
589	B00K.087.087Ad	0.875 0.25 0.625	0.875 0.625 0.562	353	0.875 0.25 0.635	56.9 36.5	0.0 0.665	0.38	1.0 0.0	47.5 57.2
590	B69K.087.087Ad	0.875 0.25 0.625	0.875 0.625 0.562	341	0.875 0.25 0.76	57.8 40.9	0.0 0.665	0.251	1.0 0.0	47.5 57.2
591	B59K.087.087Ad	0.875 0.25 0.75	0.875 0.625 0.562	331	0.875 0.25 0.875	57.8 40.9	0.0 0.658	0.143	1.0 0.0	47.5 57.2
592	B42K.100.100Ad	0.875 0.25 1.0	0.875 0.625 0.562	321	0.887 0.25 1.0	57.8 40.9	0.0 0.658	0.11	1.0 0.0	47.5 57.2
593	R18Y.087.087Ad	0.875 0.375 0.0	0.875 0.875 0.437	55	0.875 0.364 0.0	61.2 33.1	0.0 0.549	0.937	1.0 0.0	47.5 57.2
594	R18Y.087.087Ad	0.875 0.375 0.125	0.875 0.75 0.5	49	0.875 0.362 0.125	61.2 33.1	0.0 0.581	0.782	1.0 0.0	47.5 57.2
595	R37Y.087.087Ad	0.875 0.375 0.25	0.875 0.625 0.562	41	0.875 0.364 0.25	61.2 33.1	0.0 0.578	0.659	1.0 0.0	47.5 57.2
596	R00Y.087.087Ad	0.875 0.375 0.375	0.875 0.5 0.625	390	0.875 0.375 0.375	62.7 28.6	0.0 0.564	0.457	1.0 0.0	47.5 57.2
597	R26Y.087.087Ad	0.875 0.375 0.5	0.875 0.5 0.625	376	0.875 0.375 0.491	62.7 28.6	0.0 0.551	0.262	1.0 0.0	47.5 57.2
598	R26Y.087.087Ad	0.875 0.375 0.625	0.875 0.5 0.625	360	0.875 0.375 0.625	62.8 29.4	0.0 0.532	0.147	1.0 0.0	47.5 57.2
599	B01K.087.087Ad	0.875 0.375 0.625	0.875 0.5 0.625	344	0.875 0.375 0.758	63.0 32.7	0.0 0.532	0.102	1.0 0.0	47.5 57.2
600	B50K.087.087Ad	0.875 0.375 0.875	0.875 0.5 0.625	330	0.875 0.375 0.875	63.0 32.7	0.0 0.532	0.085	1.0 0.0	47.5 57.2
601	B40K.100.100Ad	0.875 0.375 1.0	0.875 0.5 0.625	319	0.885 0.375 1.0	63.0 32.7	0.0 0.532	0.056	1.0 0.0	47.5 57.2
602	R30Y.087.087Ad	0.875 0.5 0.0	0.875 0.875 0.437	65	0.875 0.51 0.0	67.2 12.3	0.0 0.41	0.938	1.0 0.0	47.5 57.2
603	R30Y.087.087Ad	0.875 0.5 0.125	0.875 0.75 0.5	60	0.875 0.5 0.125	67.2 12.3	0.0 0.427	0.78	1.0 0.0	47.5 57.2
604	R50Y.087.087Ad	0.875 0.5 0.25	0.875 0.625 0.562	53	0.875 0.489 0.25	67.5 14.4	0.0 0.467	0.662	1.0 0.0	47.5 57.2
605	R23Y.087.087Ad	0.875 0.5 0.375	0.875 0.5 0.625	44	0.875 0.491 0.375	67.6 21.1	0.0 0.49	0.525	1.0 0.0	47.5 57.2
606	R00Y.087.087Ad	0.875 0.5 0.625	0.875 0.375 0.687	390	0.875 0.5 0.618	68.7 21.1	0.0 0.454	0.344	1.0 0.0	47.5 57.2
607	R00Y.087.087Ad	0.875 0.5 0.625	0.875 0.375 0.687	371	0.875 0.5 0.618	68.7 21.1	0.0 0.43	0.264	1.0 0.0	47.5 57.2
608	B65K.087.087Ad	0.875 0.5 0.875	0.875 0.375 0.687	349	0.875 0.5 0.756	69.1 23.7	0.0 0.414	0.15	1.0 0.0	47.5 57.2
609	B65K.087.087Ad	0.875 0.5 0.875	0.875 0.375 0.687	330	0.875 0.5 0.875	68.9 24.9	0.0 0.408	0.09	1.0 0.0	47.5 57.2
610	B50K.087.087Ad	0.875 0.5 1.0	0.875 0.375 0.687	316	0.883 0.5 1.0	69.1 27.9	0.0 0.43	0.0	1.0 0.0	47.5 57.2
611	B38K.100.100Ad	0.875 0.5 1.0	0.875 0.375 0.687	300	0.875 0.641 0.0	74.6 0.0	0.0 0.237	0.873	1.0 0.0	47.5 57.2
612	R73Y.087.087Ad	0.875 0.625 0.0	0.875 0.875 0.437	74	0.875 0.637 0.125	73.9 4.0	0.0 0.29	0.767	1.0 0.0	47.5 57.2
613	R88Y.087.087Ad	0.875 0.625 0.125	0.875 0.75 0.5	71	0.875 0.635 0.25	73.5 7.5	0.0 0.336	0.684	1.0 0.0	47.5 57.2
614	R61Y.087.087Ad	0.875 0.625 0.25	0.875 0.625 0.562	67	0.875 0.625 0.375	74.1 9.6	0.0 0.329	0.535	1.0 0.0	47.5 57.2
615	R50Y.087.087Ad	0.875 0.625 0.375	0.875 0.5 0.625	60	0.875 0.618 0.5	74.0 13.3	0.0 0.355	0.407	1.0 0.0	47.5 57.2
616	R00Y.087.087Ad	0.875 0.625 0.5	0.875 0.375 0.687	49	0.875 0.618 0.5	74.0 13.3	0.0 0.355	0.299	1.0 0.0	47.5 57.2
617	R00Y.087.087Ad	0.875 0.625 0.625	0.875 0.25 0.75	390	0.875 0.625 0.625	74.7 14.3	0.0 0.32	0.239	1.0 0.0	47.5 57.2
618	R00Y.087.087Ad	0.875 0.625 0.75	0.875 0.25 0.75	360	0.875 0.625 0.75	74.8 14.3	0.0 0.292	0.153	1.0 0.0	47.5 57.2
619	B50K.087.087Ad	0.875 0.625 0.875	0.875 0.25 0.75	330	0.875 0.625 0.875	74.9 16.3	0.0 0.285	0.071	1.0 0.0	47.5 57.2
620	B34K.100.100Ad	0.875 0.625 1.0	0.875 0.375 0.687	311	0.881 0.625 1.0	75.0 19.3	0.0 0.311	0.0	1.0 0.0	47.5 57.2
621	R86Y.087.087Ad	0.875 0.75 0.0	0.875 0.875 0.437	82	0.875 0.762 0.125	79.9 -3.7	0.0 0.103	0.793	1.0 0.0	47.5 57.2
622	R83Y.087.087Ad	0.875 0.75 0.125	0.875 0.75 0.5	71	0.875 0.762 0.125	79.9 -3.7	0.0 0.134	0.726	1.0 0.0	47.5 57.2
623	R34K.100.100Ad	0.875 0.75 0.25	0.875 0.625 0.562	79	0.875 0.762 0.125	80.0 -1.6	0.0 0.154	0.644	1.0 0.0	47.5 57.2
624	R76Y.087.087Ad	0.875 0.75 0.375	0.875 0.5 0.625	76	0.875 0.762 0.125	80.0 -1.6	0.0 0.188	0.568	1.0 0.0	47.5 57.2
625	B65Y.087.087Ad	0.875 0.75 0.625	0.875 0.375 0.687	71	0.875 0.756 0.5	80.3 2.4	0.0 0.188	0.468	1.0 0.0	47.5 57.2
626	B50Y.087.087Ad	0.875 0.75 0.625	0.875 0.375 0.687	60	0.875 0.756 0.5	80.3 2.4	0.0 0.188	0.368	1.0 0.0	47.5 57.2
627	R00Y.087.087Ad	0.875 0.75 0.75	0.875 0.25 0.75	390	0.875 0.75 0.75	80.8 8.1	0.0 0.17	0.268	1.0 0.0	47.5 57.2
628	R00Y.087.087Ad	0.875 0.75 0.875	0.875 0.125 0.812	390	0.875 0.75 0.875	80.8 8.1	0.0 0.159	0.145	1.0 0.0	47.5 57.2
629	B25K.100.100Ad	0.875 0.75 1.0	0.875 0.25 0.875	300	0.875 0.75 1.0	81.1 -7.7	0.0 0.203	0.0		

n	HIC*Fid	rgb_Fid	icr_Fid	hsa_Fid	rgb*Fid	LabCh*Fid	cmyk*_sep_Fid	hsa_id	rgb*id	LabCh*id	delta				
648	R00Y_100_100ad	1.0	0.0	0.5	1.0	0.0	0.0	390	1.0	0.0	47.5	57.2	37.8	68.6	33.4
649	R38Y_100_100ad	1.0	0.125	1.0	0.0	0.0	0.0	383	1.0	0.0	0.116	47.6	56.4	34.5	66.1
650	R26Y_100_100ad	1.0	0.0	0.5	1.0	0.0	0.0	376	1.0	0.0	0.233	47.5	56.0	28.4	62.8
651	R13Y_100_100ad	1.0	0.375	1.0	0.0	0.0	0.0	368	1.0	0.0	0.366	47.4	56.8	20.0	60.2
652	R00Y_100_100ad	1.0	0.0	0.5	1.0	0.0	0.0	360	1.0	0.0	0.5	47.8	58.9	10.4	59.9
653	B68R_100_100ad	1.0	0.0	0.625	1.0	0.0	0.0	352	1.0	0.0	0.633	48.0	62.0	1.5	62.0
654	B61R_100_100ad	1.0	0.0	0.75	1.0	0.0	0.0	344	1.0	0.0	0.766	49.3	64.7	-7.1	65.1
655	B55R_100_100ad	1.0	0.0	0.875	1.0	0.0	0.0	337	1.0	0.0	0.883	49.4	66.1	-10.9	67.0
656	B50R_100_100ad	1.0	0.0	1.0	1.0	0.0	0.0	330	1.0	0.0	1.0	48.1	65.4	-12.7	66.6
657	R11Y_100_100ad	1.0	0.0	0.5	1.0	0.116	0.0	36	1.0	0.0	0.116	0.0	51.6	54.5	48.4
658	R00Y_100_087ad	1.0	0.125	0.5	1.0	0.125	0.0	389	1.0	0.0	0.0	0.0	37.8	68.6	33.4
659	R36Y_100_087ad	1.0	0.125	0.625	1.0	0.125	0.0	382	1.0	0.0	0.133	47.6	56.3	33.8	65.7
660	R23Y_100_087ad	1.0	0.125	0.75	1.0	0.125	0.0	375	1.0	0.0	0.246	47.5	56.1	26.5	62.0
661	R00Y_100_087ad	1.0	0.125	0.5	1.0	0.125	0.0	365	1.0	0.0	0.416	47.5	57.7	16.5	60.0
662	B70R_100_087ad	1.0	0.125	0.625	1.0	0.125	0.0	354	1.0	0.0	0.583	47.9	60.9	4.6	61.1
663	B63R_100_087ad	1.0	0.125	0.75	1.0	0.125	0.0	344	1.0	0.0	0.733	49.1	64.2	-5.3	64.4
664	B56R_100_087ad	1.0	0.125	0.875	1.0	0.125	0.0	337	1.0	0.0	0.886	49.5	66.0	-10.4	66.9
665	B50R_100_087ad	1.0	0.125	1.0	1.0	0.125	0.0	330	1.0	0.0	1.0	48.1	65.4	-12.7	66.6
666	R23Y_100_100ad	1.0	0.25	0.0	1.0	0.233	0.0	42	1.0	0.0	0.233	0.0	57.4	54.5	69.7
667	R13Y_100_087ad	1.0	0.25	0.125	1.0	0.241	0.0	37	1.0	0.0	0.133	0.0	52.3	49.7	73.0
668	R00Y_100_075ad	1.0	0.25	0.5	1.0	0.25	0.0	389	1.0	0.0	0.0	0.0	37.8	68.6	33.4
669	R35Y_100_075ad	1.0	0.25	0.625	1.0	0.25	0.0	382	1.0	0.0	0.15	47.6	56.3	32.9	65.2
670	R18Y_100_075ad	1.0	0.25	0.5	1.0	0.25	0.0	371	1.0	0.0	0.316	47.4	56.5	23.2	61.1
671	R00Y_100_075ad	1.0	0.25	0.625	1.0	0.25	0.0	360	1.0	0.0	0.5	47.8	58.9	10.4	59.9
672	B65R_100_075ad	1.0	0.25	0.75	1.0	0.25	0.0	348	1.0	0.0	0.683	48.6	63.2	-1.8	63.2
673	B57R_100_075ad	1.0	0.25	0.875	1.0	0.25	0.0	337	1.0	0.0	0.85	49.4	65.8	-9.9	66.6
674	B50R_100_075ad	1.0	0.25	1.0	1.0	0.25	0.0	330	1.0	0.0	1.0	48.1	65.4	-12.7	66.6
675	R36Y_100_100ad	1.0	0.375	0.0	1.0	0.366	0.0	51	1.0	0.0	0.366	0.0	64.2	60.1	67.5
676	R26Y_100_087ad	1.0	0.375	0.125	1.0	0.358	0.0	44	1.0	0.0	0.286	0.0	59.1	40.2	56.0
677	R13Y_100_075ad	1.0	0.375	0.25	1.0	0.362	0.0	37	1.0	0.0	0.15	0.0	53.2	51.8	50.6
678	R00Y_100_062ad	1.0	0.375	0.375	1.0	0.375	0.0	389	1.0	0.0	0.0	0.0	37.8	68.6	33.4
679	R31Y_100_062ad	1.0	0.375	0.5	1.0	0.375	0.0	380	1.0	0.0	0.183	47.6	56.2	31.1	64.2
680	R11Y_100_062ad	1.0	0.375	0.625	1.0	0.375	0.0	367	1.0	0.0	0.383	47.4	57.0	18.9	60.0
681	B69R_100_062ad	1.0	0.375	0.75	1.0	0.375	0.0	352	1.0	0.0	0.616	47.9	61.6	2.7	61.7
682	B59R_100_062ad	1.0	0.375	0.875	1.0	0.375	0.0	339	1.0	0.0	0.816	49.4	65.4	-8.7	66.0
683	B50R_100_062ad	1.0	0.375	1.0	1.0	0.375	0.0	330	1.0	0.0	1.0	48.1	65.4	-12.7	66.6
684	R50Y_100_100ad	1.0	0.5	0.0	1.0	0.489	0.0	59	1.0	0.0	0.416	0.0	66.2	69.0	73.8
685	R41Y_100_097ad	1.0	0.5	0.125	1.0	0.489	0.0	54	1.0	0.0	0.416	0.0	66.2	69.0	73.8
686	R31Y_100_075ad	1.0	0.5	0.25	1.0	0.487	0.0	48	1.0	0.0	0.316	0.0	66.6	69.0	73.8
687	R00Y_100_062ad	1.0	0.5	0.375	1.0	0.489	0.0	39	1.0	0.0	0.183	0.0	54.9	48.5	59.2
688	R18Y_100_050ad	1.0	0.5	0.5	1.0	0.5	0.0	389	1.0	0.0	0.0	0.0	37.8	68.6	33.4
689	R26Y_100_050ad	1.0	0.5	0.625	1.0	0.5	0.0	377	1.0	0.0	0.233	47.5	56.0	28.4	62.8
690	R00Y_100_050ad	1.0	0.5	0.75	1.0	0.5	0.0	360	1.0	0.0	0.5	47.8	58.9	10.4	59.9
691	B61R_100_050ad	1.0	0.5	0.875	1.0	0.5	0.0	342	1.0	0.0	0.766	49.3	64.7	-7.1	65.1
692	B50R_100_050ad	1.0	0.5	1.0	1.0	0.5	0.0	330	1.0	0.0	1.0	48.1	65.4	-12.7	66.6
693	R63Y_100_100ad	1.0	0.625	0.0	1.0	0.633	0.0	68	1.0	0.0	0.633	0.0	75.4	106	71.2
694	R38Y_100_087ad	1.0	0.625	0.125	1.0	0.635	0.0	65	1.0	0.0	0.583	0.0	73.4	141	69.3
695	R50Y_100_075ad	1.0	0.625	0.25	1.0	0.625	0.0	59	1.0	0.0	0.5	0.0	70.5	192	66.2
696	R38Y_100_062ad	1.0	0.625	0.375	1.0	0.614	0.0	52	1.0	0.0	0.583	0.0	65.0	291	60.8
697	R23Y_100_050ad	1.0	0.625	0.5	1.0	0.616	0.0	42	1.0	0.0	0.233	0.0	57.4	43.5	69.7
698	R00Y_100_037ad	1.0	0.625	0.625	1.0	0.625	0.0	389	1.0	0.0	0.0	0.0	37.8	68.6	33.4
699	R18Y_100_037ad	1.0	0.625	0.75	1.0	0.625	0.0	371	1.0	0.0	0.0	0.0	47.5	57.2	37.8
700	B65R_100_037ad	1.0	0.625	0.875	1.0	0.625	0.0	348	1.0	0.0	0.636	48.6	63.2	-1.8	63.2
701	B50R_100_037ad	1.0	0.625	1.0	1.0	0.625	0.0	330	1.0	0.0	1.0	48.1	65.4	-12.7	66.6
702	R76Y_100_100ad	1.0	0.75	0.0	1.0	0.766	0.0	77	1.0	0.0	0.766	0.0	83.5	76.3	90.0
703	R73Y_100_087ad	1.0	0.75	0.125	1.0	0.766	0.0	71	1.0	0.0	0.633	0.0	78.6	5.4	73.9
704	R69Y_100_075ad	1.0	0.75	0.25	1.0	0.762	0.0	67	1.0	0.0	0.616	0.0	74.6	12.0	70.4
705	R61Y_100_062ad	1.0	0.75	0.375	1.0	0.762	0.0	59	1.0	0.0	0.5	0.0	70.5	192	66.2
706	R50Y_100_050ad	1.0	0.75	0.5	1.0	0.762	0.0	48	1.0	0.0	0.316	0.0	61.6	55.2	58.2
707	R31Y_100_037ad	1.0	0.75	0.625	1.0	0.75	0.0	389	1.0	0.0	0.0	0.0	37.8	68.6	33.4
708	R00Y_100_025ad	1.0	0.75	0.75	1.0	0.75	0.0	360	1.0	0.0	0.5	47.8	58.9	10.4	59.9
709	R00Y_100_025ad	1.0	0.75	0.875	1.0	0.75	0.0	339	1.0	0.0	0.883	0.0	76.3	76.9	97.0
710	B50R_100_025ad	1.0	0.75	1.0	1.0	0.75	0.0	330	1.0	0.0	1.0	48.1	65.4	-12.7	66.6
711	R88Y_100_100ad	1.0	0.875	0.0	1.0	0.883	0.0	83	1.0	0.0	0.883	0.0	87.8	-9.4	86.6
712	R86Y_100_087ad	1.0	0.875	0.125	1.0	0.883	0.0	82	1.0	0.0	0.886	0.0	87.3	-8.6	75.8
713	R85Y_100_075ad	1.0	0.875	0.25	1.0	0.887	0.0	81	1.0	0.0	0.886	0.0	86.6	-7.6	76.4
714	R81Y_100_062ad	1.0	0.875	0.375	1.0	0.885	0.0	80.							

n	H1C*Fid	rgb_Fid	icr_Fid	hsa_Fid	rgb*Fid	LabCh*Fid	cmyk*_sep_Fid	rgb*Mid	hsa_Mid	LabCh*Mid	delta
891	NW_1000ad	1.0	1.0	1.0	1.0	95.8	0.0	1.0	360	95.8	0.0
892	B50R_100.012ad	0.875	1.0	0.875	1.0	89.8	8.1	1.0	330	48.1	66.6
893	B50R_100.025ad	0.75	1.0	0.75	1.0	73.9	16.5	1.0	330	48.1	66.6
894	B50R_100.037ad	0.625	1.0	0.625	1.0	57.9	24.9	1.0	330	48.1	66.6
895	B50R_100.050ad	0.5	1.0	0.5	1.0	42.0	33.3	1.0	330	48.1	66.6
896	B50R_100.062ad	0.375	1.0	0.375	1.0	26.0	41.6	1.0	330	48.1	66.6
897	B50R_100.075ad	0.25	1.0	0.25	1.0	10.0	49.9	1.0	330	48.1	66.6
898	B50R_100.087ad	0.125	1.0	0.125	1.0	54.1	58.3	1.0	330	48.1	66.6
899	B50R_100.100ad	0.0	1.0	0.0	1.0	90.6	66.6	1.0	330	48.1	66.6
900	GOB_100.012ad	0.875	1.0	0.875	1.0	90.6	66.6	1.0	330	48.1	66.6
901	NW_087ad	0.875	0.875	0.875	0.875	90.6	66.6	1.0	330	48.1	66.6
902	B50R_087.012ad	0.875	0.875	0.875	0.875	80.8	8.1	1.0	330	48.1	66.6
903	B50R_087.025ad	0.875	0.875	0.875	0.875	74.9	16.5	1.0	330	48.1	66.6
904	B50R_087.037ad	0.875	0.875	0.875	0.875	68.9	24.9	1.0	330	48.1	66.6
905	B50R_087.050ad	0.875	0.875	0.875	0.875	63.0	33.3	1.0	330	48.1	66.6
906	B50R_087.062ad	0.875	0.875	0.875	0.875	57.0	41.6	1.0	330	48.1	66.6
907	B50R_087.075ad	0.875	0.875	0.875	0.875	51.1	49.9	1.0	330	48.1	66.6
908	B50R_087.087ad	0.875	0.875	0.875	0.875	45.2	58.3	1.0	330	48.1	66.6
909	GOB_100.025ad	0.75	1.0	0.75	1.0	85.4	66.6	1.0	330	48.1	66.6
910	GOB_100.037ad	0.625	1.0	0.625	1.0	69.5	74.9	1.0	330	48.1	66.6
911	B50R_075.012ad	0.75	0.875	0.75	0.875	71.8	8.1	1.0	330	48.1	66.6
912	B50R_075.025ad	0.75	0.875	0.75	0.875	65.9	16.5	1.0	330	48.1	66.6
913	B50R_075.037ad	0.75	0.875	0.75	0.875	59.9	24.9	1.0	330	48.1	66.6
914	B50R_075.050ad	0.75	0.875	0.75	0.875	54.0	33.3	1.0	330	48.1	66.6
915	B50R_075.062ad	0.75	0.875	0.75	0.875	48.1	41.6	1.0	330	48.1	66.6
916	B50R_075.075ad	0.75	0.875	0.75	0.875	42.2	49.9	1.0	330	48.1	66.6
917	GOB_100.037ad	0.625	1.0	0.625	1.0	80.8	8.1	1.0	330	48.1	66.6
918	GOB_100.050ad	0.5	1.0	0.5	1.0	64.9	16.5	1.0	330	48.1	66.6
919	GOB_100.062ad	0.375	1.0	0.375	1.0	49.0	24.9	1.0	330	48.1	66.6
920	GOB_075.012ad	0.625	0.875	0.625	0.875	76.4	8.1	1.0	330	48.1	66.6
921	GOB_075.025ad	0.625	0.875	0.625	0.875	70.5	16.5	1.0	330	48.1	66.6
922	B50R_062.012ad	0.625	0.625	0.625	0.625	64.6	24.9	1.0	330	48.1	66.6
923	B50R_062.025ad	0.625	0.625	0.625	0.625	58.7	33.3	1.0	330	48.1	66.6
924	B50R_062.037ad	0.625	0.625	0.625	0.625	52.8	41.6	1.0	330	48.1	66.6
925	B50R_062.050ad	0.625	0.625	0.625	0.625	46.9	49.9	1.0	330	48.1	66.6
926	B50R_062.062ad	0.625	0.625	0.625	0.625	41.0	58.3	1.0	330	48.1	66.6
927	GOB_100.050ad	0.5	1.0	0.5	1.0	26.0	41.6	1.0	330	48.1	66.6
928	GOB_075.037ad	0.5	0.875	0.5	0.875	20.1	49.9	1.0	330	48.1	66.6
929	GOB_075.050ad	0.5	0.875	0.5	0.875	14.2	58.3	1.0	330	48.1	66.6
930	GOB_062.012ad	0.5	0.625	0.5	0.625	8.3	66.6	1.0	330	48.1	66.6
931	NW_050ad	0.5	0.5	0.5	0.5	52.8	8.1	1.0	330	48.1	66.6
932	B50R_050.012ad	0.5	0.375	0.5	0.375	46.9	16.5	1.0	330	48.1	66.6
933	B50R_050.025ad	0.5	0.375	0.5	0.375	41.0	24.9	1.0	330	48.1	66.6
934	B50R_050.037ad	0.5	0.375	0.5	0.375	35.1	33.3	1.0	330	48.1	66.6
935	B50R_050.050ad	0.5	0.375	0.5	0.375	29.2	41.6	1.0	330	48.1	66.6
936	B50R_050.062ad	0.375	1.0	0.375	1.0	23.3	49.9	1.0	330	48.1	66.6
937	GOB_087.050ad	0.375	0.875	0.375	0.875	17.4	58.3	1.0	330	48.1	66.6
938	GOB_087.062ad	0.375	0.875	0.375	0.875	11.5	66.6	1.0	330	48.1	66.6
939	GOB_062.025ad	0.375	0.625	0.375	0.625	5.6	74.9	1.0	330	48.1	66.6
940	NW_037ad	0.375	0.375	0.375	0.375	50.0	8.1	1.0	330	48.1	66.6
941	B50R_037.012ad	0.375	0.375	0.375	0.375	44.1	16.5	1.0	330	48.1	66.6
942	B50R_037.025ad	0.375	0.375	0.375	0.375	38.2	24.9	1.0	330	48.1	66.6
943	B50R_037.037ad	0.375	0.375	0.375	0.375	32.3	33.3	1.0	330	48.1	66.6
944	B50R_037.050ad	0.375	0.375	0.375	0.375	26.4	41.6	1.0	330	48.1	66.6
945	GOB_100.075ad	0.25	1.0	0.25	1.0	10.0	58.3	1.0	330	48.1	66.6
946	GOB_100.087ad	0.25	1.0	0.25	1.0	4.1	66.6	1.0	330	48.1	66.6
947	GOB_062.062ad	0.25	0.625	0.25	0.625	0.0	74.9	1.0	330	48.1	66.6
948	GOB_050.025ad	0.25	0.375	0.25	0.375	0.0	83.3	1.0	330	48.1	66.6
949	GOB_050.037ad	0.25	0.375	0.25	0.375	0.0	77.4	1.0	330	48.1	66.6
950	GOB_037.012ad	0.25	0.375	0.25	0.375	0.0	71.5	1.0	330	48.1	66.6
951	NW_025ad	0.25	0.25	0.25	0.25	36.0	8.1	1.0	330	48.1	66.6
952	B50R_025.012ad	0.25	0.25	0.25	0.25	30.1	16.5	1.0	330	48.1	66.6
953	B50R_025.025ad	0.25	0.25	0.25	0.25	24.2	24.9	1.0	330	48.1	66.6
954	GOB_100.087ad	0.125	1.0	0.125	1.0	18.3	33.3	1.0	330	48.1	66.6
955	GOB_087.075ad	0.125	0.875	0.125	0.875	12.4	41.6	1.0	330	48.1	66.6
956	GOB_075.062ad	0.125	0.625	0.125	0.625	6.5	49.9	1.0	330	48.1	66.6
957	GOB_062.050ad	0.125	0.625	0.125	0.625	0.0	58.3	1.0	330	48.1	66.6
958	GOB_050.037ad	0.125	0.375	0.125	0.375	0.0	66.6	1.0	330	48.1	66.6
959	GOB_037.025ad	0.125	0.375	0.125	0.375	0.0	60.7	1.0	330	48.1	66.6
960	GOB_025.012ad	0.125	0.25	0.125	0.25	0.0	54.8	1.0	330	48.1	66.6
961	NW_012ad	0.125	0.125	0.125	0.125	0.0	48.9	1.0	330	48.1	66.6
962	B50R_012.012ad	0.125	0.125	0.125	0.125	0.0	43.0	1.0	330	48.1	66.6
963	GOB_100.100ad	0.0	1.0	0.0	1.0	54.3	66.6	1.0	330	48.1	66.6
964	GOB_087.087ad	0.0	0.875	0.0	0.875	48.4	74.9	1.0	330	48.1	66.6
965	GOB_075.075ad	0.0	0.75	0.0	0.75	42.5	83.3	1.0	330	48.1	66.6
966	GOB_062.062ad	0.0	0.625	0.0	0.625	36.6	91.7	1.0	330	48.1	66.6
967	GOB_050.050ad	0.0	0.5	0.0	0.5	30.7	100.0	1.0	330	48.1	66.6
968	GOB_037.037ad	0.0	0.375	0.0	0.375	24.8	108.3	1.0	330	48.1	66.6
969	GOB_025.025ad	0.0	0.25	0.0	0.25	18.9	116.7	1.0	330	48.1	66.6
970	GOB_012.012ad	0.0	0.125	0.0	0.125	13.0	125.0	1.0	330	48.1	66.6
971	NW_000ad	0.0	0.0	0.0	0.0	23.8	133.3	1.0	330	48.1	66.6

PF89-7N, 31/33-F

graphique TUB-PF89; cercle de teinte, 16 étapes
couleurs et différences, ΔE^*

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

n	HVC* _{Fid}	rgb* _{Fid}	lcr* _{Fid}	hsa* _{Fid}	rgb* _{Fid}	LabCh* _{Fid}	cmym* _{sep,Fid}	hsa* _{Mad}	rgb* _{Mad}	LabCh* _{Mad}	delta
972	NW_000 _{Mad}	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
973	NW_012 _{Mad}	0.125	0.0	0.125	0.0	0.0	0.0	0.0	0.0	0.0	0.0
974	NW_025 _{Mad}	0.25	0.25	0.25	0.0	0.0	0.0	0.0	0.0	0.0	0.0
975	NW_037 _{Mad}	0.375	0.375	0.375	0.0	0.0	0.0	0.0	0.0	0.0	0.0
976	NW_050 _{Mad}	0.5	0.5	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
977	NW_062 _{Mad}	0.625	0.625	0.625	0.0	0.0	0.0	0.0	0.0	0.0	0.0
978	NW_075 _{Mad}	0.75	0.75	0.75	0.0	0.0	0.0	0.0	0.0	0.0	0.0
979	NW_087 _{Mad}	0.875	0.875	0.875	0.0	0.0	0.0	0.0	0.0	0.0	0.0
980	NW_100 _{Mad}	1.0	1.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
981	NW_000 _{Fid}	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
982	NW_012 _{Fid}	0.125	0.125	0.125	0.0	0.0	0.0	0.0	0.0	0.0	0.0
983	NW_025 _{Fid}	0.25	0.25	0.25	0.0	0.0	0.0	0.0	0.0	0.0	0.0
984	NW_037 _{Fid}	0.375	0.375	0.375	0.0	0.0	0.0	0.0	0.0	0.0	0.0
985	NW_050 _{Fid}	0.5	0.5	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
986	NW_062 _{Fid}	0.625	0.625	0.625	0.0	0.0	0.0	0.0	0.0	0.0	0.0
987	NW_075 _{Fid}	0.75	0.75	0.75	0.0	0.0	0.0	0.0	0.0	0.0	0.0
988	NW_087 _{Fid}	0.875	0.875	0.875	0.0	0.0	0.0	0.0	0.0	0.0	0.0
989	NW_100 _{Fid}	1.0	1.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
990	NW_000 _{Mad}	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
991	NW_012 _{Mad}	0.125	0.125	0.125	0.0	0.0	0.0	0.0	0.0	0.0	0.0
992	NW_025 _{Mad}	0.25	0.25	0.25	0.0	0.0	0.0	0.0	0.0	0.0	0.0
993	NW_037 _{Mad}	0.375	0.375	0.375	0.0	0.0	0.0	0.0	0.0	0.0	0.0
994	NW_050 _{Mad}	0.5	0.5	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
995	NW_062 _{Mad}	0.625	0.625	0.625	0.0	0.0	0.0	0.0	0.0	0.0	0.0
996	NW_075 _{Mad}	0.75	0.75	0.75	0.0	0.0	0.0	0.0	0.0	0.0	0.0
997	NW_087 _{Mad}	0.875	0.875	0.875	0.0	0.0	0.0	0.0	0.0	0.0	0.0
998	NW_100 _{Mad}	1.0	1.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
999	NW_000 _{Fid}	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1000	NW_012 _{Fid}	0.125	0.125	0.125	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1001	NW_025 _{Fid}	0.25	0.25	0.25	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1002	NW_037 _{Fid}	0.375	0.375	0.375	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1003	NW_050 _{Fid}	0.5	0.5	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1004	NW_062 _{Fid}	0.625	0.625	0.625	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1005	NW_075 _{Fid}	0.75	0.75	0.75	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1006	NW_087 _{Fid}	0.875	0.875	0.875	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1007	NW_100 _{Fid}	1.0	1.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1008	NW_000 _{Mad}	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1009	NW_012 _{Mad}	0.066	0.066	0.066	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1010	NW_025 _{Mad}	0.133	0.133	0.133	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1011	NW_037 _{Mad}	0.2	0.2	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1012	NW_050 _{Mad}	0.266	0.266	0.266	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1013	NW_062 _{Mad}	0.333	0.333	0.333	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1014	NW_075 _{Mad}	0.4	0.4	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1015	NW_087 _{Mad}	0.466	0.466	0.466	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1016	NW_053 _{Mad}	0.533	0.533	0.533	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1017	NW_060 _{Mad}	0.6	0.6	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1018	NW_066 _{Mad}	0.666	0.666	0.666	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1019	NW_073 _{Mad}	0.734	0.734	0.734	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1020	NW_080 _{Mad}	0.8	0.8	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1021	NW_086 _{Mad}	0.866	0.866	0.866	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1022	NW_093 _{Mad}	0.933	0.933	0.933	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1023	NW_100 _{Mad}	1.0	1.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1024	NW_000 _{Fid}	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1025	NW_012 _{Fid}	0.066	0.066	0.066	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1026	NW_025 _{Fid}	0.133	0.133	0.133	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1027	NW_037 _{Fid}	0.2	0.2	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1028	NW_050 _{Fid}	0.266	0.266	0.266	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1029	NW_062 _{Fid}	0.333	0.333	0.333	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1030	NW_075 _{Fid}	0.4	0.4	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1031	NW_087 _{Fid}	0.466	0.466	0.466	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1032	NW_053 _{Fid}	0.533	0.533	0.533	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1033	NW_060 _{Fid}	0.6	0.6	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1034	NW_066 _{Fid}	0.666	0.666	0.666	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1035	NW_073 _{Fid}	0.734	0.734	0.734	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1036	NW_080 _{Fid}	0.8	0.8	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1037	NW_086 _{Fid}	0.866	0.866	0.866	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1038	NW_093 _{Fid}	0.933	0.933	0.933	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1039	NW_100 _{Fid}	1.0	1.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1040	NW_000 _{Mad}	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1041	NW_012 _{Mad}	0.066	0.066	0.066	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1042	NW_025 _{Mad}	0.133	0.133	0.133	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1043	NW_037 _{Mad}	0.2	0.2	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1044	NW_050 _{Mad}	0.266	0.266	0.266	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1045	NW_062 _{Mad}	0.333	0.333	0.333	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1046	NW_075 _{Mad}	0.4	0.4	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1047	NW_087 _{Mad}	0.466	0.466	0.466	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1048	NW_053 _{Mad}	0.533	0.533	0.533	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1049	NW_060 _{Mad}	0.6	0.6	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1050	NW_066 _{Mad}	0.666	0.666	0.666	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1051	NW_073 _{Mad}	0.734	0.734	0.734	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1052	NW_080 _{Mad}	0.8	0.8	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0



http://130.149.60.45/~farbmetrik/PF89/PF89L0FA.TXT /PS; linéarisation 3D
F: linéarisation 3D PF89/PF89L0FA.DAT dans fichier (F), page 33/33



voir fichiers similaires: <http://130.149.60.45/~farbmetrik/PF89/PF89.HTM>
informations techniques: <http://www.ps.bam.de> ou <http://130.149.60.45/~farbmetrik>

TUB enregistrement: 20130201-PF89/PF89L0FA.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	hsaX_idl	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	0.0016	0.0016	0.164	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	0.0016	0.0016	0.103	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	0.0016	0.0016	0.865	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	0.0016	0.0016	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	0.0034	0.0034	0.809	360	1.0 1.0 1.0	95.8 0.0 0.0	0.0	0.0	0.0
1059	NW_026ad	0.2 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	0.0039	0.0039	0.761	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	0.0044	0.0044	0.608	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	0.0044	0.0044	0.652	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	0.0038	0.0038	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	0.0038	0.0038	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	0.0028	0.0028	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	0.0017	0.0017	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	0.0015	0.0015	0.333	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	0.0011	0.0011	0.23	360	1.0 1.0 1.0	95.8 0.0 0.0	0.0	0.0	0.0
1068	NW_080ad	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	0.0019	0.0019	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	0.0016	0.0016	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	1.0 0.0 0.0	1.0 0.0 0.0	1.0 0.0 0.0	1.0 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	0.0 1.0 0.0	0.0 1.0 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 0.0 1.0	0.0 0.0 1.0	0.0 0.0 1.0	0.0 0.0 1.0	31.5 84.6 86.1	0.0 0.0 0.0	0.0	0.0	0.0	89	0.0 0.0 1.0	31.5 84.6 86.1	0.0	0.0	0.0
1077	B00R_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	16.9 44.6 47.7	0.0 0.0 0.0	0.0	0.0	0.0	270	0.0 0.0 0.0	16.9 44.6 47.7	0.0	0.0	0.0
1078	B00R_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	30.8 74.3 74.3	0.0 0.0 0.0	0.0	0.0	0.0	330	0.0 0.0 0.0	30.8 74.3 74.3	0.0	0.0	0.0
1079	B50R_100_100ad	1.0 0.0 0.0	1.0 0.0 0.0	1.0 0.0 0.0	1.0 0.0 0.0	65.4 -12.7 66.6	0.0 0.0 0.0	0.0	0.0	0.0	330	1.0 0.0 0.0	65.4 -12.7 66.6	0.0	0.0	0.0

delta

3-1033230-F0

PF890-7N, 33/33-F



graphique TUB-PF89; cercle de teinte, 16 étapes
couleurs et différences, ΔE^*

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



Entrée et sortie: Système Printer Reflective FRS06a

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

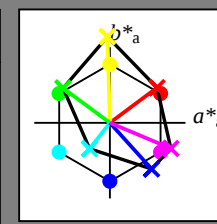
HIC*-

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

H*- = R00Y-, R25Y-, ..., B75R-

ORS20a; données CIELAB (a) adaptées

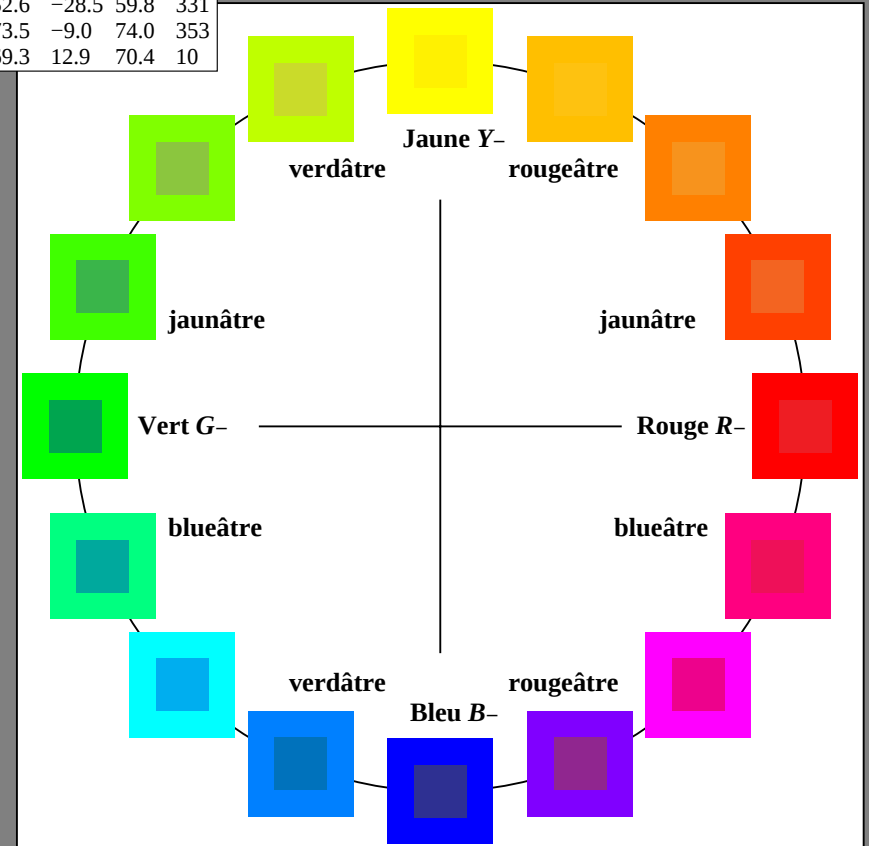
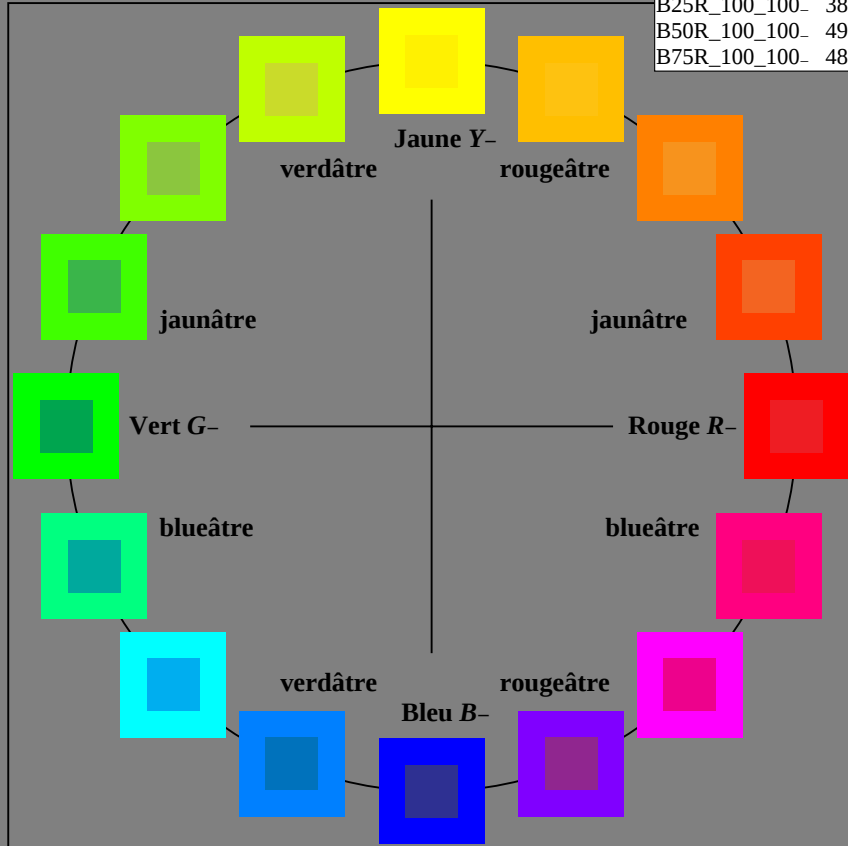
H*-	L*=L*a	a*	b*	C* _{ab,a}	h* _{ab,a}
R00Y_100_100_	48.4	66.1	40.2	77.3	31
R25Y_100_100_	56.8	48.0	50.5	69.6	46
R50Y_100_100_	68.6	25.0	63.9	68.6	68
R75Y_100_100_	80.6	4.8	77.2	77.3	86
Y00G_100_100_	90.2	-9.6	88.2	88.7	96
Y25G_100_100_	83.2	-18.4	79.9	81.9	102
Y50G_100_100_	73.3	-31.7	62.7	70.2	116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



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

FRS06a; données CIELAB (a) adaptées

nom	L*=L*a	a*	b*	C* _{ab,a}	h* _{ab,a}
R-,Ma	32.5	62.3	46.4	77.7	36
Y-,Ma	82.7	-3.1	113.9	114.0	91
G-,Ma	39.4	-61.8	45.8	76.9	143
C-,Ma	47.8	-26.8	-34.2	43.4	231
B-,Ma	10.1	55.1	-61.0	82.2	312
M-,Ma	34.5	80.6	-33.9	87.5	337
N-,Ma	6.2	0.0	0.0	0.0	0
W-,Ma	91.9	0.0	0.0	0.0	0
R-,CIE	39.9	58.7	27.9	65.0	25
Y-,CIE	81.2	-2.8	71.5	71.6	92
G-,CIE	52.2	-42.4	13.6	44.5	162
B-,CIE	30.5	1.4	-46.4	46.4	271



3-113030-L0 PF890-7N

graphique TUB-PF89; cercle de teinte, 16 étapes
graphique conforme à DIN 33872, 3D=1, de=1, cmk*

entrée : rgb/cmyk -> rgb/cmyk
sortie : aucun changement

TUB enregistrement: 20130201-PF89/PF89L0FA.TXT /PS
application pour la mesure des sorties sur imprimante laser

TUB matériel: code=rha4ta

Entrée et sortie: Système Printer Reflective FRS06a

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

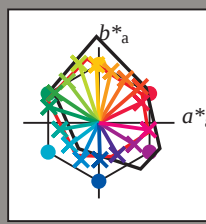
HIC^*_e

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

$H^*_e = R00Y_e, R25Y_e, ..., B75R_e$

LRS18a; données CIELAB (a) adaptées

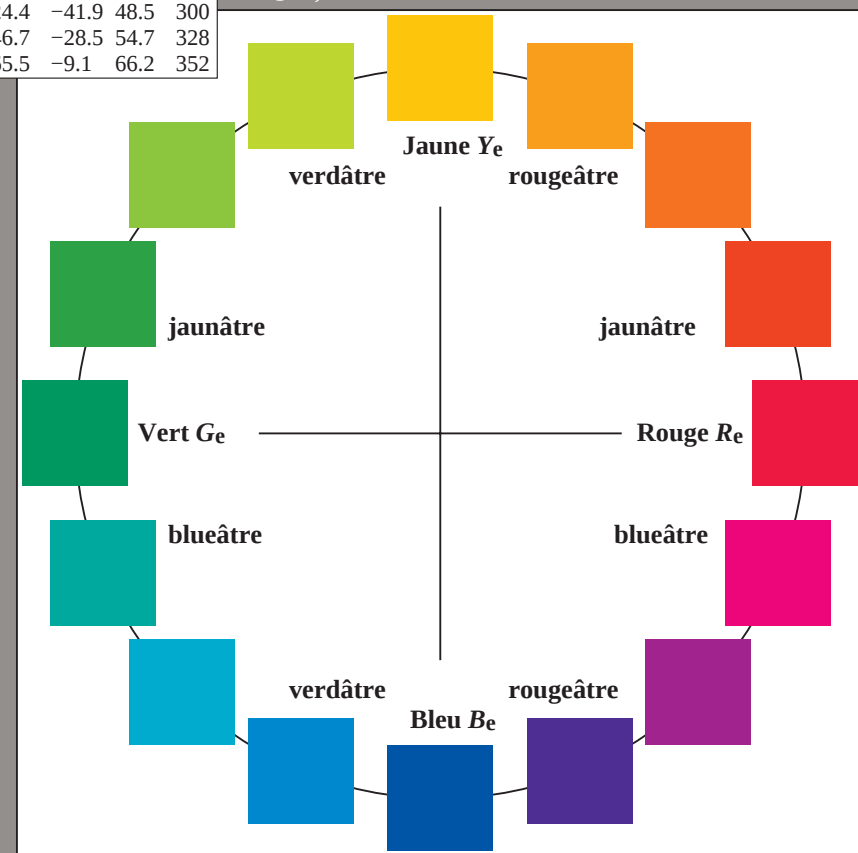
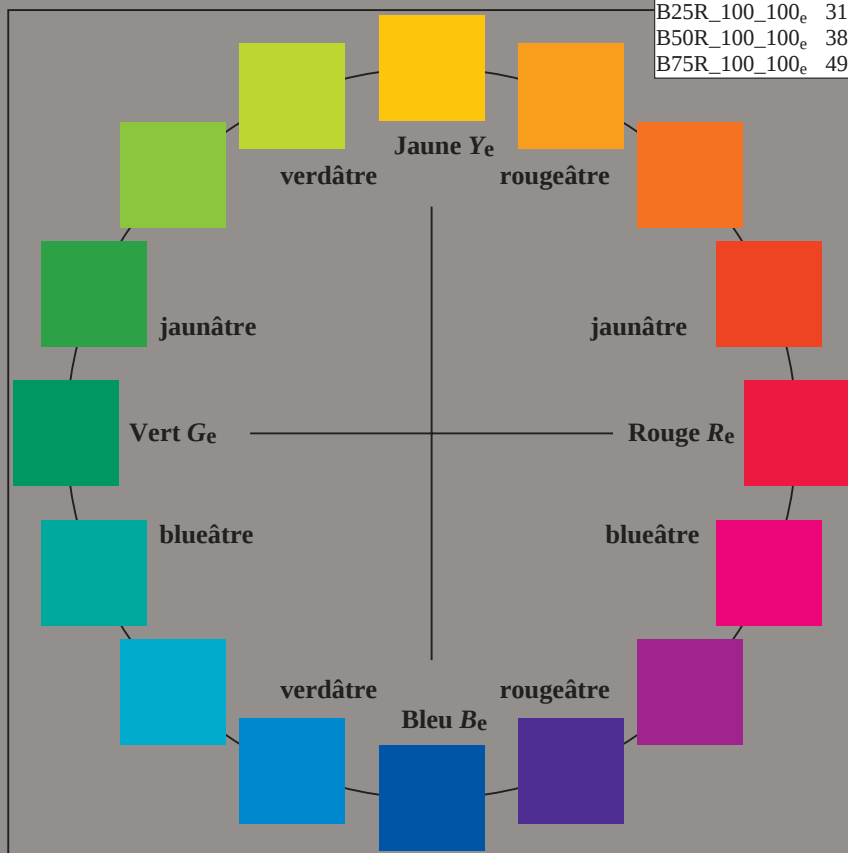
H^*_e	$L^*=L^*_a a^*_a$	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
R00Y_100_100_e	47.5	56.0	26.7	62.1
R25Y_100_100_e	51.4	54.8	47.7	72.6
R50Y_100_100_e	61.8	35.2	58.4	68.2
R75Y_100_100_e	72.3	16.1	68.2	70.1
Y00G_100_100_e	83.6	-3.1	76.8	76.9
Y25G_100_100_e	85.8	-26.4	78.5	82.9
Y50G_100_100_e	71.0	-41.7	54.8	68.9
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



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

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



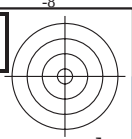
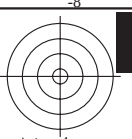
3-113130-L0 PF890-73

graphique TUB-PF89; cercle de teinte, 16 étapes
graphique conforme à DIN 33872, 3D=1, de=1, cmk^*

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

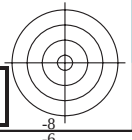
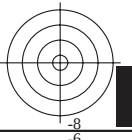
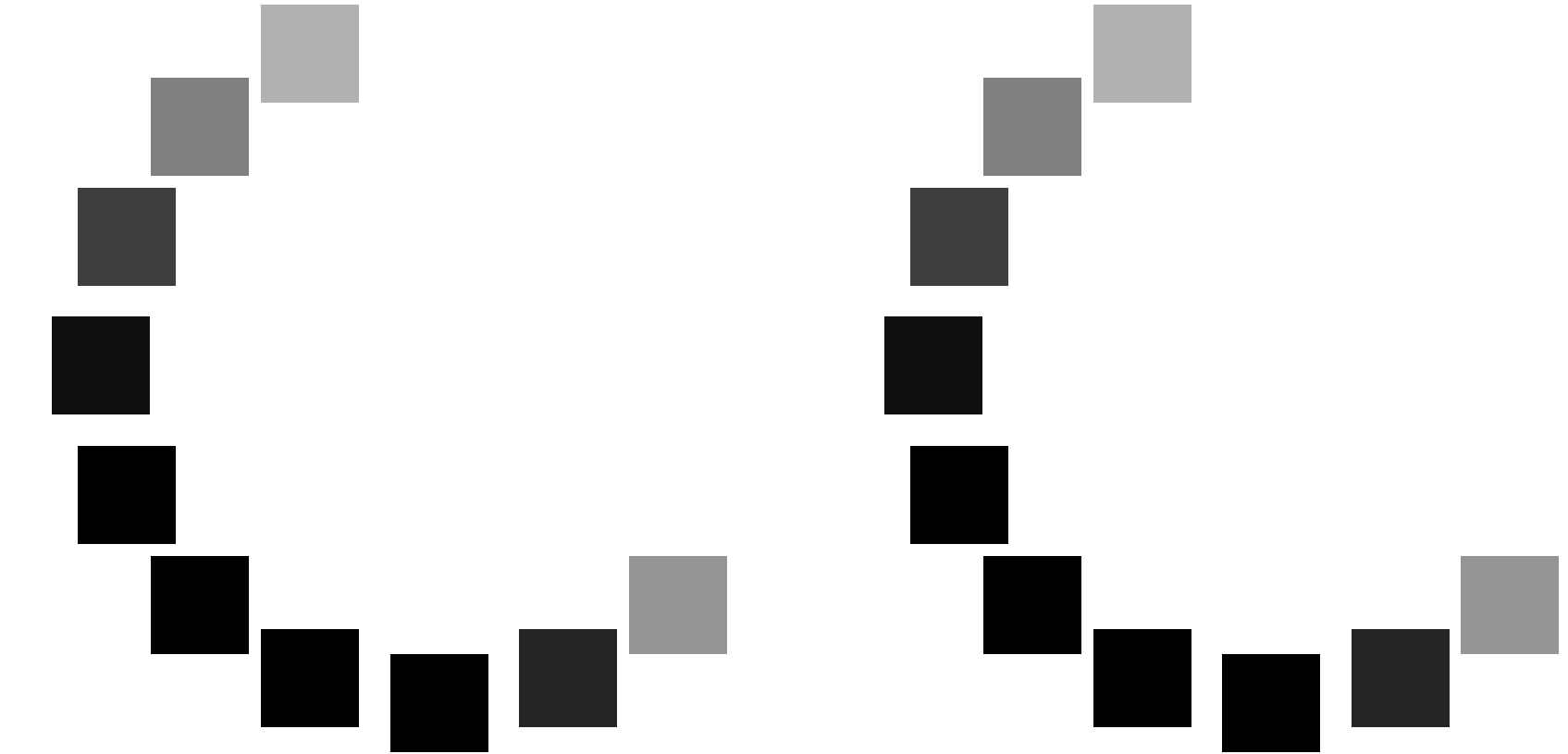
voir fichiers similaires: <http://130.149.60.45/~farbmetrik/PF89/PF89L0FA.TXT> /PS
informations techniques: <http://www.ps.bam.de> ou <http://130.149.60.45/~farbmetrik>

TUB enregistrement: 20130201-PF89/PF89L0FA.TXT /PS
application pour la mesure des sorties sur imprimante laser, séparation cmk^* (CMYK)
TUB matériel: code=rha4ta



voir fichiers similaires: <http://130.149.60.45/~farbmetrik/PF89/PF89L0FA.TXT> / .PS
informations techniques: <http://www.ps.bam.de> ou <http://130.149.60.45/~farbmetrik>

TUB enregistrement: 20130201-PF89/PF89L0FA.TXT /.PS TUB matériel: code=rha4ta
application pour la mesure des sorties sur imprimante laser, séparation cmyk* (CMYK)



3-113230-L0 PF890-73

graphique TUB-PF89; cercle de teinte, 16 étapes
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

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

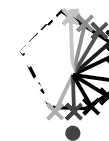
HIC^*_e

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

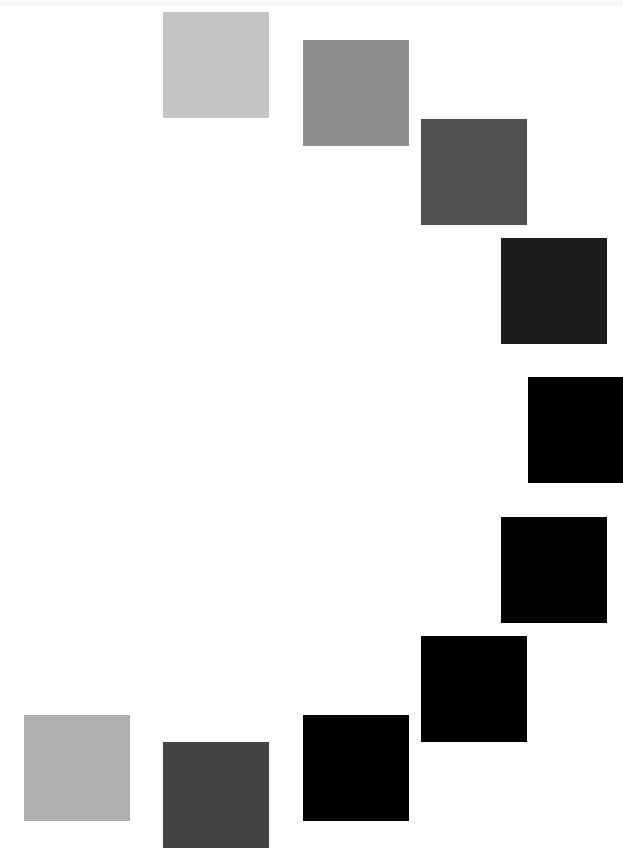
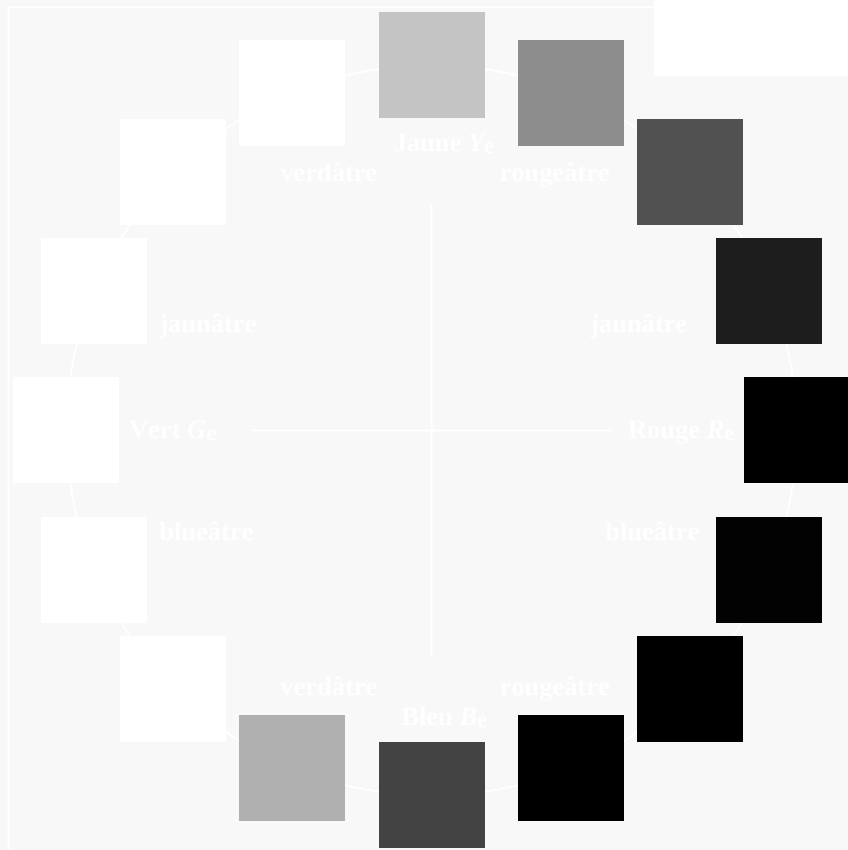
$H^*_e = R00Y_e, R25Y_e, \dots, B75R_e$

voir fichiers similaires: <http://130.149.60.45/~farbmetrik/PF89/PF89.HTM>
informations techniques: <http://www.ps.bam.de> ou <http://130.149.60.45/~farbmetrik>

TUB enregistrement: 20130201-PF89/PF89L0FA.TXT /.PS TUB matériel: code=rha4ta
application pour la mesure des sorties sur imprimante laser, séparation cmyk* (CMYK)



% Gamme
 $u^*_{rel} = 114$
% Régularité
 $g^*H_{rel} = 26$
 $g^*C_{rel} = 30$



graphique TUB-PF89; cercle de teinte, 16 étapes
graphique conforme à DIN 33872, 3D=1, de=1, cmyk*

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

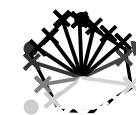
Entrée et sortie: Système Printer Reflective FRS06a

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

HIC^*_e

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

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



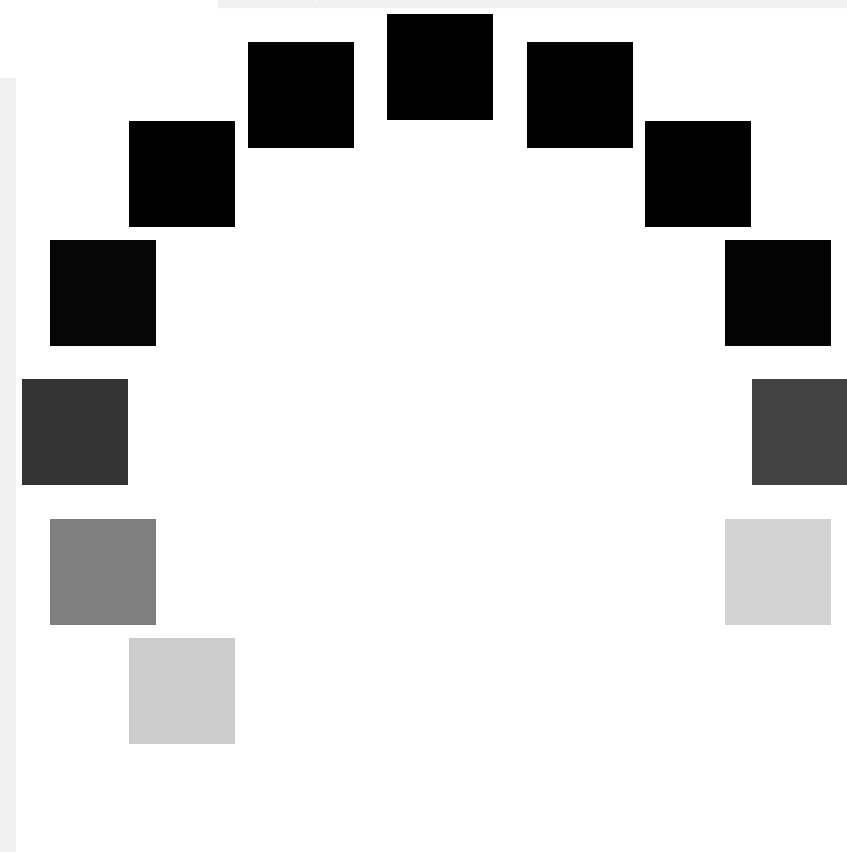
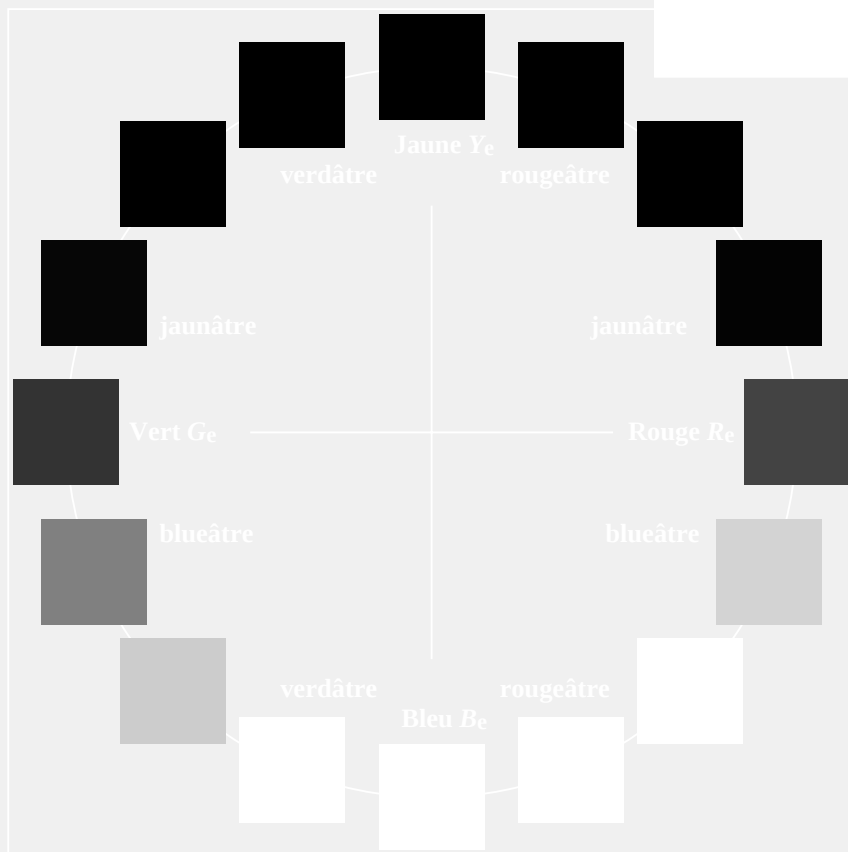
% Gamme

$u^*_{rel} = 114$

% Régularité

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

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



3-113430-L0 PF890-73

graphique TUB-PF89; cercle de teinte, 16 étapes
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-PF89/PF89L0FA.TXT /.PS TUB matériel: code=rha4ta
application pour la mesure des sorties sur imprimante laser, séparation $cmyn6^*$ (CMYK)

Entrée et sortie: Système Printer Reflective FRS06a

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

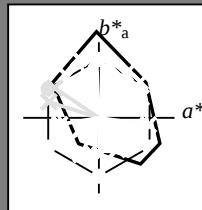
HIC^*_e

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

$H^*_e = R00Y_e, R25Y_e, ..., B75R_e$

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



% Gamme

$u^*_{rel} = 114$

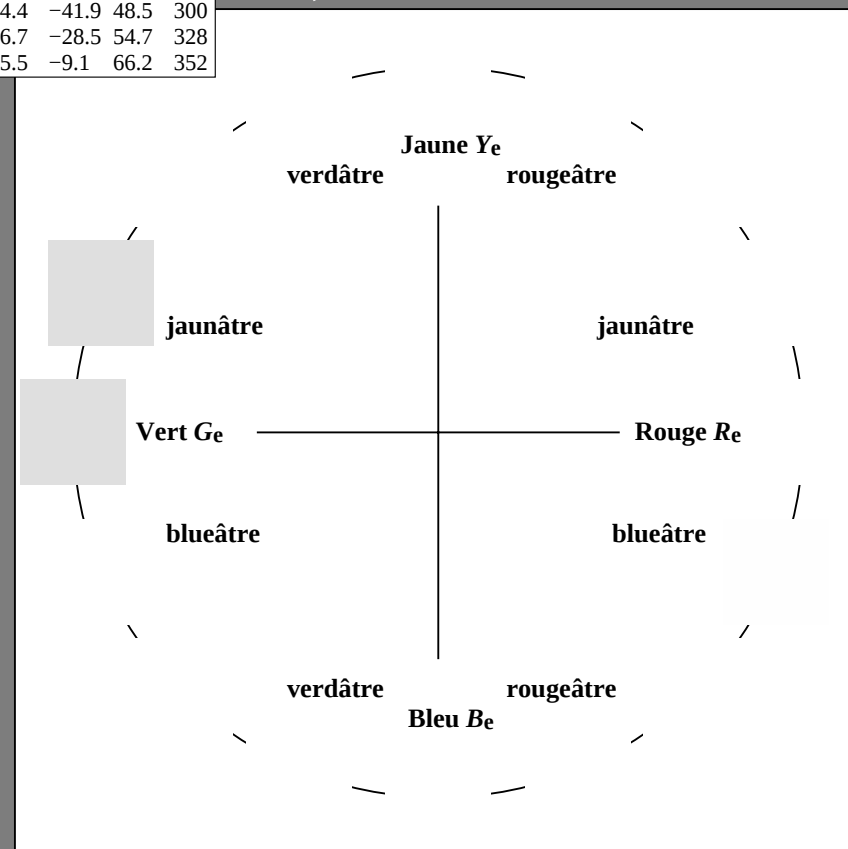
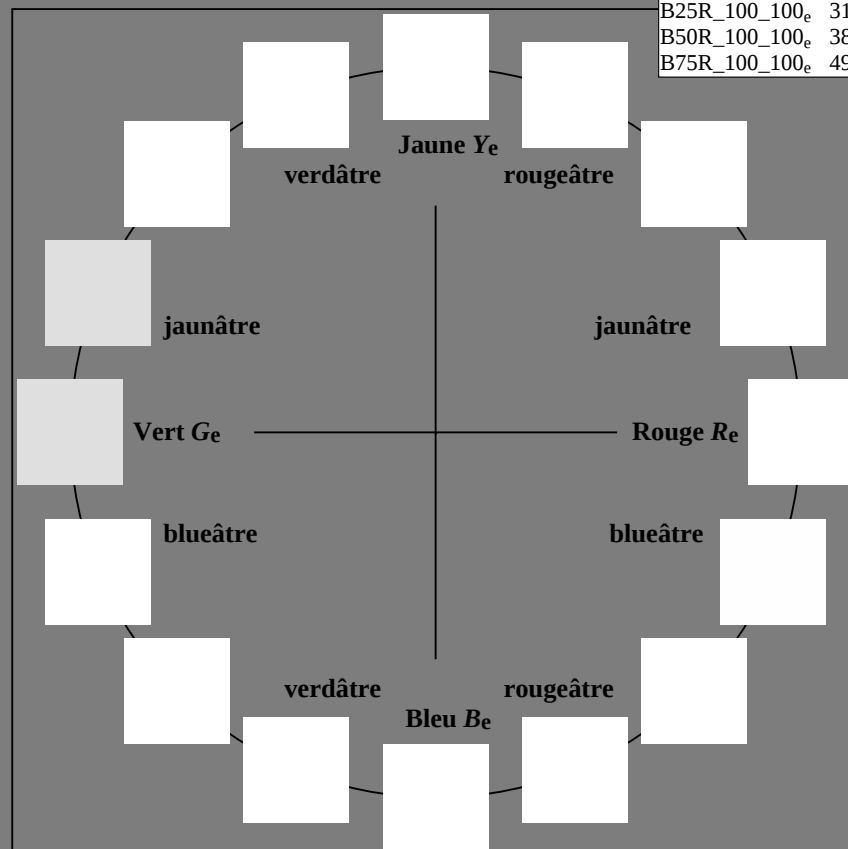
% Régularité

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

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

LRS18a; données CIELAB (a) adaptées

nom	$L^*=L^*_a a^*_a$	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
Re,Ma	47.5	56.0	26.7	62.1
Ye,Ma	83.6	-3.1	76.8	76.9
Ge,Ma	53.8	-65.9	21.1	69.2
Ce,Ma	54.9	-38.7	-29.1	48.4
Be,Ma	37.3	1.4	-48.6	48.7
Me,Ma	38.5	46.7	-28.5	54.7
Ne,Ma	23.8	0.0	0.0	0.0
We,Ma	95.8	0.0	0.0	0.0
Re,CIE	39.9	58.7	27.9	65.0
Ye,CIE	81.2	-2.8	71.5	71.6
Ge,CIE	52.2	-42.4	13.6	44.5
Be,CIE	30.5	1.4	-46.4	46.4



3-113530-L0 PF890-73

graphique TUB-PF89; cercle de teinte, 16 étapes
graphique conforme à DIN 33872, 3D=1, de=1, cmk^*

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

3-113530-F0

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

$J=Y_d$
CIE LAB (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
CIE LAB (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
CIE LAB (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)

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

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

$h_{ab,s}$

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

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

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

$h_{ab,e}$

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

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

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

$h_{ab,d}$

rgb^*_{de}

3-113630-L0 PF890-73 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-PF89; cercle de teinte, 16 étapes
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*ddx64M (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	-34.4	65.0	73.6	111
127.3	120.0	127.2	0.5	1.0	0.0	70.9	-41.7	54.8	68.9	127.3	0.5	1.0	0.0	71.0	-41.7	54.8	68.9	127	0.574	1.0	0.0	76.3	-36.2	62.8	72.6	120	0.501	1.0	0.0	71.0	-41.6	54.9	68.9	121
134.7	127.5	136.0	0.375	1.0	0.0	66.5	-47.5	48.0	67.6	134.7	0.383	1.0	0.0	66.9	-47.1	48.5	67.7	134	0.503	1.0	0.0	71.2	-41.5	55.2	69.1	127	0.366	1.0	0.0	66.2	-48.2	47.6	67.8	131
144.7	135.0	144.7	0.25	1.0	0.0	60.6	-57.2	40.4	70.1	144.7	0.25	1.0	0.0	60.6	-57.2	40.5	70.1	144	0.372	1.0	0.0	66.4	-47.8	47.9	67.7	135	0.25	1.0	0.0	60.6	-57.1	40.5	70.1	143
151.0	142.5	153.4	0.125	1.0	0.0	57.0	-62.2	34.4	71.1	151.0	0.133	1.0	0.0	57.3	-61.8	34.8	71.0	150	0.284	1.0	0.0	62.3	-54.6	42.7	69.4	142	0.073	1.0	0.0	55.9	-64.4	33.0	72.5	151
155.5	150.0	162.2	0.0	1.0	0.0	54.3	-67.6	30.8	74.3	155.5	0.0	1.0	0.0	54.3	-67.6	30.8	74.4	155	0.146	1.0	0.0	57.6	-61.3	35.5	70.9	150	0.0	1.0	0.147	53.8	-65.9	21.1	69.3	161
160.8	157.5	169.0	0.0	1.0	0.125	53.8	-66.4	23.0	70.2	160.8	0.0	1.0	0.117	53.9	-66.4	23.5	70.6	160	0.0	1.0	0.035	54.2	-67.3	28.6	73.2	157	0.0	1.0	0.251	53.8	-63.0	12.7	64.4	161
168.5	165.0	175.9	0.0	1.0	0.25	53.7	-63.1	12.8	64.4	168.5	0.0	1.0	0.25	53.8	-63.1	12.8	64.4	168	0.0	1.0	0.192	53.8	-64.7	17.4	67.1	165	0.0	1.0	0.331	54.4	-59.3	4.2	59.5	171
179.9	172.5	182.7	0.0	1.0	0.375	54.7	-56.8	0.0	56.8	179.9	0.0	1.0	0.367	54.7	-57.2	0.8	57.3	179	0.0	1.0	0.288	54.1	-61.4	8.6	62.1	172	0.0	1.0	0.405	54.8	-55.6	-2.1	55.7	180
189.8	180.0	189.6	0.0	1.0	0.5	55.0	-51.4	-8.9	52.2	189.8	0.0	1.0	0.5	55.0	-51.4	-8.8	52.2	189	0.0	1.0	0.375	54.8	-56.7	0.0	56.8	180	0.0	1.0	0.497	55.0	-51.5	-8.6	52.3	181
204.4	187.5	196.4	0.0	1.0	0.625	55.3	-44.1	-20.0	48.5	204.4	0.0	1.0	0.617	55.3	-44.6	-19.3	48.8	203	0.0	1.0	0.464	55.0	-53.0	-6.4	53.5	187	0.0	1.0	0.553	55.2	-48.6	-13.9	50.7	191
214.4	195.0	203.2	0.0	1.0	0.75	55.2	-39.5	-27.1	47.9	214.4	0.0	1.0	0.75	55.2	-39.4	-27.0	47.9	214	0.0	1.0	0.544	55.2	-49.1	-13.1	50.9	195	0.0	1.0	0.615	55.3	-44.7	-19.2	48.8	200
221.9	202.5	210.1	0.0	1.0	0.875	54.4	-36.7	-33.0	49.4	221.9	0.0	1.0	0.867	54.5	-36.9	-32.6	49.4	221	0.0	1.0	0.604	55.3	-45.5	-18.3	49.1	202	0.0	1.0	0.69	55.3	-41.8	-23.8	48.2	201
235.1	210.0	216.9	0.0	1.0	1.0	53.1	-30.0	-43.1	52.5	235.1	0.0	1.0	1.0	53.1	-29.9	-43.0	52.5	235	0.0	1.0	0.694	55.3	-41.6	-24.0	48.2	210	0.0	1.0	0.792	55.0	-38.6	-29.0	48.4	211
237.9	217.5	223.8	0.0	0.875	1.0	53.1	-27.9	-44.7	52.7	237.9	0.0	0.883	1.0	53.1	-28.0	-44.5	52.8	237	0.0	1.0	0.792	55.0	-38.6	-29.1	48.5	217	0.0	1.0	0.888	54.3	-36.1	-34.1	49.8	222
241.3	225.0	230.6	0.0	0.75	1.0	52.9	-25.9	-47.5	54.1	241.3	0.0	0.75	1.0	52.9	-25.8	-47.5	54.2	241	0.0	1.0	0.904	54.2	-35.4	-35.4	50.2	225	0.0	1.0	0.957	53.6	-32.5	-39.7	51.5	231
247.2	232.5	237.5	0.0	0.625	1.0	50.5	-20.8	-49.5	53.7	247.2	0.0	0.633	1.0	50.7	-21.1	-49.3	53.8	246	0.0	1.0	0.97	53.5	-31.8	-40.7	51.8	232	0.0	0.916	1.0	53.1	-28.6	-44.1	52.7	233
254.9	240.0	244.3	0.0	0.5	1.0	46.1	-13.3	-49.4	51.1	254.9	0.0	0.5	1.0	46.2	-13.2	-49.3	51.2	254	0.0	0.801	1.0	53.0	-26.7	-46.3	53.6	240	0.0	0.686	1.0	51.7	-23.3	-48.5	54.0	241
262.6	247.5	251.2	0.0	0.375	1.0	41.4	-6.3	-49.2	49.6	262.6	0.0	0.383	1.0	41.7	-6.7	-49.2	49.8	262	0.0	0.63	1.0	50.7	-20.9	-49.4	53.8	247	0.0	0.568	1.0	48.6	-17.2	-49.5	52.6	250
272.6	255.0	258.0	0.0	0.25	1.0	36.8	2.2	-48.5	48.6	272.6	0.0	0.25	1.0	36.9	2.2	-48.5	48.6	272	0.0	0.499	1.0	46.1	-13.1	-49.3	51.2	255	0.0	0.449	1.0	44.2	-10.4	-49.4	50.6	255
281.4	262.5	264.8	0.0	0.125	1.0	35.0	9.4	-46.3	47.3	281.4	0.0	0.133	1.0	35.2	8.9	-46.5	47.4	280	0.0	0.386	1.0	41.8	-6.8	-49.2	49.8	262	0.0	0.353	1.0	40.6	-4.7	-49.2	49.5	261
290.8	270.0	271.7	0.0	0.0	1.0	32.5	16.9	-44.6	47.7	290.8	0.0	0.0	1.0	32.6	16.9	-44.5	47.7	290	0.0	0.283	1.0	38.1	0.0	-48.8	48.9	270	0.0	0.261	1.0	37.3	1.5	-48.6	48.7	271
299.2	277.5	278.8	0.125	0.0	1.0	31.6	23.6	-42.2	48.4	299.2	0.117	0.0	1.0	31.7	23.2	-42.3	48.4	298	0.0	0.188	1.0	36.0	5.8	-47.5	48.0	277	0.0	0.169	1.0	35.7	7.0	-47.2	47.8	278
307.8	285.0	285.9	0.25	0.0	1.0	31.0	30.5	-39.3	49.8	307.8	0.25	0.0	1.0	31.0	30.6	-39.3	49.9	307	0.0	0.078	1.0	34.1	12.3	-45.8	47.5	285	0.0	0.065	1.0	33.9	13.1	-45.6	47.5	287
317.5	292.5	293.0	0.375	0.0	1.0	34.2	38.2	-35.0	51.8	317.5	0.367	0.0	1.0	34.0	37.8	-35.3	51.7	316	0.018	0.0	1.0	32.4	17.9	-44.2	47.8	292	0.026	0.0	1.0	32.4	18.4	-44.1	47.9	291
324.4	300.0	300.1	0.5	0.0	1.0	37.2	43.1	-30.8	53.0	324.4	0.5	0.0	1.0	37.2	43.2	-30.8	53.1	324	0.136	0.0	1.0	31.6	24.3	-41.9	48.5	300	0.139	0.0	1.0	31.5	24.4	-41.9	48.6	301
330.6	307.5	307.2	0.625	0.0	1.0	39.1	48.4	-27.2	55.6	330.6	0.617	0.0	1.0	39.0	48.1	-27.4	55.4	330	0.238	0.0	1.0	31.1	29.9	-39.6	49.7	307	0.235	0.0	1.0	31.1	29.8	-39.7	49.7	308
338.7	315.0	314.3	0.75	0.0	1.0	41.8	55.1	-21.4	59.1	338.7	0.75	0.0	1.0	41.9	55.2	-21.4	59.2	338	0.343	0.0	1.0	33.4	36.3	-36.2	51.4	315	0.335	0.0	1.0	33.2	35.8	-36.5	51.2	316
343.9	322.5	321.4	0.87																															

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

graphique TUB-PF89; cercle de teinte, 16 étapes
cercle chromatique 48 paliers; tableaux *rgb-LabCh**

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

TUB enregistrement: 20130201-PF89/PF89L0FA.TXT /.PS TUB matériel: code=rha4ta
application pour la mesure des sorties sur imprimante laser, séparation cmyk6* (CMYK)

voir fichiers similaires: <http://130.149.60.45/~farbmetik/PF89/PF89.HTM>
 informations techniques: <http://www.ps.bam.de> ou <http://130.149.60.45/~farbmetik>

TUB matériel: code=rha4ta

Couleur maximale dans le système colorimétrique : Laser printer output; separation cmyn6*, D65 pour l'entrée et sortie; Six angles de teinte à 60 degrés couleurs standard $RYGCBM_c$; $h_{ab,ds} = 30.0, 90.0, 150.0, 210.0, 270.0, 330.0$;
Six angles de teinte des couleurs périphériques $RYGCBM_d$; $h_{ab,d} = 33.5, 100.6, 155.5, 235.2, 290.8, 348.9$; Six angles de teinte des couleurs élémentaires $RYGCBM_e$; $h_{ab,e} = 25.5, 92.3, 162.2, 217.0, 271.7, 328.6$

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

3-113830-L0 PF890-73 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-PF89; cercle de teinte, 16 étapes
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 9/33

TUB enregistrement: 20130201-PF89/PF89L0FA.TXT /PS
application pour la mesure des sorties sur imprimante laser, séparation cmyn6* (CMYK)
TUB matériel: code=rh4ta

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* dd361Mi	LAB* ddx361Mi (x=LabCh)	R _d	rgb* ds361Mi	LAB* dsx361Mi (x=LabCh)	R _s	rgb* dd361Mi	LAB* de361Mi	LAB* dex361Mi (x=LabCh)	R _e	rgb* dd361Mi	rgb* dd* ds
33	30	25	1.0	0.0	0.0	47.5	57.2	37.8	68.6	33	1.0	0.0	0.0	
34	31	26	1.0	0.016	0.0	48.1	56.9	39.3	69.2	34	1.0	0.017	0.0	
35	32	27	1.0	0.033	0.0	48.7	56.6	40.8	69.8	35	1.0	0.033	0.0	
36	33	28	1.0	0.05	0.0	49.3	56.3	42.3	70.4	36	1.0	0.05	0.0	
38	34	29	1.0	0.066	0.0	49.9	55.9	43.9	71.1	38	1.0	0.067	0.0	
39	35	31	1.0	0.083	0.0	50.5	55.5	45.4	71.7	39	1.0	0.083	0.0	
40	36	32	1.0	0.1	0.0	51.0	55.0	46.9	72.3	40	1.0	0.1	0.0	
41	37	33	1.0	0.116	0.0	51.6	54.5	48.4	72.9	41	1.0	0.117	0.0	
42	38	34	1.0	0.133	0.0	52.3	53.4	49.7	73.0	42	1.0	0.133	0.0	
44	39	35	1.0	0.15	0.0	53.2	51.8	50.6	72.4	44	1.0	0.15	0.0	
45	40	36	1.0	0.166	0.0	54.0	50.2	51.5	71.9	45	1.0	0.167	0.0	
47	41	37	1.0	0.183	0.0	54.9	48.5	52.3	71.4	47	1.0	0.183	0.0	
48	42	38	1.0	0.2	0.0	55.7	46.8	53.1	70.8	48	1.0	0.2	0.0	
50	43	39	1.0	0.216	0.0	56.6	45.2	53.8	70.3	50	1.0	0.217	0.0	
51	44	41	1.0	0.233	0.0	57.4	43.5	54.5	69.7	51	1.0	0.233	0.0	
52	45	42	1.0	0.25	0.0	58.2	41.8	55.1	69.2	52	1.0	0.25	0.0	
54	46	43	1.0	0.266	0.0	59.1	40.2	56.0	69.0	54	1.0	0.267	0.0	
55	47	44	1.0	0.283	0.0	59.9	38.6	56.8	68.7	55	1.0	0.283	0.0	
57	48	45	1.0	0.3	0.0	60.8	37.1	57.5	68.5	57	1.0	0.3	0.0	
58	49	46	1.0	0.316	0.0	61.6	35.5	58.2	68.2	58	1.0	0.317	0.0	
60	50	47	1.0	0.333	0.0	62.5	33.9	58.9	68.0	60	1.0	0.333	0.0	
61	51	48	1.0	0.35	0.0	63.3	32.2	59.5	67.7	61	1.0	0.35	0.0	
63	52	49	1.0	0.366	0.0	64.2	30.6	60.1	67.5	63	1.0	0.367	0.0	
64	53	51	1.0	0.383	0.0	65.0	29.1	60.8	67.4	64	1.0	0.383	0.0	
65	54	52	1.0	0.4	0.0	65.8	27.8	61.7	67.7	65	1.0	0.4	0.0	
67	55	53	1.0	0.416	0.0	66.6	26.4	62.5	67.9	67	1.0	0.417	0.0	
68	56	54	1.0	0.433	0.0	67.3	25.0	63.3	68.1	68	1.0	0.433	0.0	
69	57	55	1.0	0.45	0.0	68.1	23.6	64.1	68.3	69	1.0	0.45	0.0	
71	58	56	1.0	0.466	0.0	68.9	22.1	64.8	68.5	71	1.0	0.467	0.0	
72	59	57	1.0	0.483	0.0	69.7	20.7	65.6	68.8	72	1.0	0.483	0.0	
73	60	58	1.0	0.5	0.0	70.5	19.2	66.2	69.0	73	1.0	0.5	0.0	
74	61	60	1.0	0.516	0.0	71.0	18.2	66.9	69.3	74	1.0	0.517	0.0	
75	62	61	1.0	0.533	0.0	71.6	17.2	67.5	69.7	75	1.0	0.533	0.0	
76	63	62	1.0	0.55	0.0	72.2	16.2	68.1	70.0	76	1.0	0.55	0.0	
77	64	63	1.0	0.566	0.0	72.8	15.1	68.7	70.4	77	1.0	0.567	0.0	
78	65	64	1.0	0.583	0.0	73.4	14.1	69.3	70.7	78	1.0	0.583	0.0	
79	66	65	1.0	0.6	0.0	74.0	13.0	69.9	71.1	79	1.0	0.6	0.0	
80	67	66	1.0	0.616	0.0	74.6	12.0	70.4	71.4	80	1.0	0.617	0.0	
81	68	67	1.0	0.633	0.0	75.4	10.6	71.2	72.0	81	1.0	0.633	0.0	
82	69	68	1.0	0.65	0.0	76.5	8.9	72.1	72.7	82	1.0	0.65	0.0	
84	70	70	1.0	0.666	0.0	77.5	7.2	73.0	73.4	84	1.0	0.667	0.0	
85	71	71	1.0	0.683	0.0	78.6	5.4	73.9	74.1	85	1.0	0.683	0.0	
87	72	72	1.0	0.7	0.0	79.7	3.6	74.7	74.8	87	1.0	0.7	0.0	
88	73	73	1.0	0.716	0.0	80.8	1.7	75.5	75.5	88	1.0	0.717	0.0	
-269	74	74	1.0	0.733	0.0	81.8	-0.1	76.3	76.3	-269	1.0	0.733	0.0	
-268	75	75	1.0	0.75	0.0	82.9	-2.0	76.9	77.0	-268	1.0	0.75	0.0	

3-113930-L0 PF890-73 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 cmyn6*, D65, page 10/33

graphique TUB-PF89; cercle de teinte, 16 étapes
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/PF89/PF89L0FA.TXT> /PS
informations techniques: <http://www.ps.bam.de> ou <http://130.149.60.45/~farbmetrik>

TUB enregistrement: 20130201-PF89/PF89L0FA.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 cmyn6*, D65 pour l'entrée et sortie; Six angles de teinte à 60 degrés couleurs standard RYGBM _s ; h _{ab,ds} = 30.0, 90.0, 150.0, 210.0, 270.0, 330.0; Six angles de teinte des couleurs périphériques RYGBM _d ; h _{ab,d} = 33.5, 100.6, 155.5, 235.2, 290.8, 348.9; Six angles de teinte des couleurs élémentaires RYGBM _e ; h _{ab,e} = 25.5, 92.3, 162.2, 217.0, 271.7, 328.6																													
h _{ab,d}	h _{ab,s}	h _{ab,e}	rgb* dd361M	LAB* ddx361Mi (x=LabCh)	rgb* ds361Mi	LAB* dsx361Mi (x=LabCh)	rgb* dd361Mi	LAB* de361Mi	rgb* dex361Mi (x=LabCh)	rgb* dd361Mi	LAB* de361Mi	rgb* dd361Mi	LAB* de361Mi	rgb* dd361Mi	LAB* de361Mi	rgb* dd361Mi	LAB* de361Mi	rgb* dd361Mi	LAB* de361Mi	rgb* dd361Mi	LAB* de361Mi	rgb* dd361Mi	LAB* de361Mi	rgb* dd361Mi	LAB* de361Mi	rgb* dd361Mi	LAB* de361Mi	rgb* dd361Mi	LAB* de361Mi
-268	75	75	1.0 0.75 0.0	82.9 -2.0 76.9 77.0	-268 R _d	1.0 0.521 0.0 71.3 18.0 67.1 69.5 75	1.0 0.75 0.0	1.0 0.532 0.0 71.6 17.3 67.5 69.7 75	1.0 0.75 0.0	1.0 0.75 0.0	1.0 0.532 0.0 71.6 17.3 67.5 69.7 75	1.0 0.75 0.0	1.0 0.532 0.0 71.6 17.3 67.5 69.7 75	1.0 0.75 0.0	1.0 0.532 0.0 71.6 17.3 67.5 69.7 75	1.0 0.75 0.0	1.0 0.532 0.0 71.6 17.3 67.5 69.7 75	1.0 0.75 0.0	1.0 0.532 0.0 71.6 17.3 67.5 69.7 75	1.0 0.75 0.0	1.0 0.532 0.0 71.6 17.3 67.5 69.7 75	1.0 0.75 0.0	1.0 0.532 0.0 71.6 17.3 67.5 69.7 75	1.0 0.75 0.0	1.0 0.532 0.0 71.6 17.3 67.5 69.7 75	1.0 0.75 0.0	1.0 0.532 0.0 71.6 17.3 67.5 69.7 75	1.0 0.75 0.0	1.0 0.532 0.0 71.6 17.3 67.5 69.7 75
92	76	76	1.0 0.766 0.0	83.5 -2.9 76.8 76.9 92		1.0 0.539 0.0 71.9 16.9 67.8 69.8 76	1.0 0.767 0.0	1.0 0.552 0.0 72.3 16.1 68.2 70.1 76	1.0 0.767 0.0	1.0 0.767 0.0	1.0 0.552 0.0 72.3 16.1 68.2 70.1 76	1.0 0.767 0.0	1.0 0.552 0.0 72.3 16.1 68.2 70.1 76	1.0 0.767 0.0	1.0 0.552 0.0 72.3 16.1 68.2 70.1 76	1.0 0.767 0.0	1.0 0.552 0.0 72.3 16.1 68.2 70.1 76	1.0 0.767 0.0	1.0 0.552 0.0 72.3 16.1 68.2 70.1 76	1.0 0.767 0.0	1.0 0.552 0.0 72.3 16.1 68.2 70.1 76	1.0 0.767 0.0	1.0 0.552 0.0 72.3 16.1 68.2 70.1 76	1.0 0.767 0.0	1.0 0.552 0.0 72.3 16.1 68.2 70.1 76	1.0 0.767 0.0	1.0 0.552 0.0 72.3 16.1 68.2 70.1 76	1.0 0.767 0.0	1.0 0.552 0.0 72.3 16.1 68.2 70.1 76
92	77	77	1.0 0.783 0.0	84.2 -3.9 76.7 76.8 92		1.0 0.557 0.0 72.5 15.8 68.4 70.2 77	1.0 0.783 0.0	1.0 0.572 0.0 73.0 14.9 69.0 70.5 77	1.0 0.783 0.0	1.0 0.783 0.0	1.0 0.572 0.0 73.0 14.9 69.0 70.5 77	1.0 0.783 0.0	1.0 0.572 0.0 73.0 14.9 69.0 70.5 77	1.0 0.783 0.0	1.0 0.572 0.0 73.0 14.9 69.0 70.5 77	1.0 0.783 0.0	1.0 0.572 0.0 73.0 14.9 69.0 70.5 77	1.0 0.783 0.0	1.0 0.572 0.0 73.0 14.9 69.0 70.5 77	1.0 0.783 0.0	1.0 0.572 0.0 73.0 14.9 69.0 70.5 77	1.0 0.783 0.0	1.0 0.572 0.0 73.0 14.9 69.0 70.5 77	1.0 0.783 0.0	1.0 0.572 0.0 73.0 14.9 69.0 70.5 77	1.0 0.783 0.0	1.0 0.572 0.0 73.0 14.9 69.0 70.5 77	1.0 0.783 0.0	1.0 0.572 0.0 73.0 14.9 69.0 70.5 77
93	78	78	1.0 0.8 0.0	84.8 -4.8 76.5 76.7 93		1.0 0.575 0.0 73.1 14.7 69.1 70.6 78	1.0 0.8 0.0	1.0 0.592 0.0 73.7 13.6 69.7 71.0 78	1.0 0.8 0.0	1.0 0.8 0.0	1.0 0.592 0.0 73.7 13.6 69.7 71.0 78	1.0 0.8 0.0	1.0 0.592 0.0 73.7 13.6 69.7 71.0 78	1.0 0.8 0.0	1.0 0.592 0.0 73.7 13.6 69.7 71.0 78	1.0 0.8 0.0	1.0 0.592 0.0 73.7 13.6 69.7 71.0 78	1.0 0.8 0.0	1.0 0.592 0.0 73.7 13.6 69.7 71.0 78	1.0 0.8 0.0	1.0 0.592 0.0 73.7 13.6 69.7 71.0 78	1.0 0.8 0.0	1.0 0.592 0.0 73.7 13.6 69.7 71.0 78	1.0 0.8 0.0	1.0 0.592 0.0 73.7 13.6 69.7 71.0 78	1.0 0.8 0.0	1.0 0.592 0.0 73.7 13.6 69.7 71.0 78	1.0 0.8 0.0	1.0 0.592 0.0 73.7 13.6 69.7 71.0 78
94	79	80	1.0 0.816 0.0	85.4 -5.8 76.4 76.6 94		1.0 0.593 0.0 73.8 13.5 69.7 71.0 79	1.0 0.817 0.0	1.0 0.612 0.0 74.4 12.3 70.3 71.4 80	1.0 0.817 0.0	1.0 0.817 0.0	1.0 0.612 0.0 74.4 12.3 70.3 71.4 80	1.0 0.817 0.0	1.0 0.612 0.0 74.4 12.3 70.3 71.4 80	1.0 0.817 0.0	1.0 0.612 0.0 74.4 12.3 70.3 71.4 80	1.0 0.817 0.0	1.0 0.612 0.0 74.4 12.3 70.3 71.4 80	1.0 0.817 0.0	1.0 0.612 0.0 74.4 12.3 70.3 71.4 80	1.0 0.817 0.0	1.0 0.612 0.0 74.4 12.3 70.3 71.4 80	1.0 0.817 0.0	1.0 0.612 0.0 74.4 12.3 70.3 71.4 80	1.0 0.817 0.0	1.0 0.612 0.0 74.4 12.3 70.3 71.4 80	1.0 0.817 0.0	1.0 0.612 0.0 74.4 12.3 70.3 71.4 80	1.0 0.817 0.0	1.0 0.612 0.0 74.4 12.3 70.3 71.4 80
95	80	81	1.0 0.833 0.0	86.0 -6.7 76.2 76.5 95		1.0 0.611 0.0 74.4 12.4 70.3 71.4 80	1.0 0.833 0.0	1.0 0.629 0.0 75.2 11.0 71.0 71.9 81	1.0 0.833 0.0	1.0 0.833 0.0	1.0 0.629 0.0 75.2 11.0 71.0 71.9 81	1.0 0.833 0.0	1.0 0.629 0.0 75.2 11.0 71.0 71.9 81	1.0 0.833 0.0	1.0 0.629 0.0 75.2 11.0 71.0 71.9 81	1.0 0.833 0.0	1.0 0.629 0.0 75.2 11.0 71.0 71.9 81	1.0 0.833 0.0	1.0 0.629 0.0 75.2 11.0 71.0 71.9 81	1.0 0.833 0.0	1.0 0.629 0.0 75.2 11.0 71.0 71.9 81	1.0 0.833 0.0	1.0 0.629 0.0 75.2 11.0 71.0 71.9 81	1.0 0.833 0.0	1.0 0.629 0.0 75.2 11.0 71.0 71.9 81	1.0 0.833 0.0	1.0 0.629 0.0 75.2 11.0 71.0 71.9 81	1.0 0.833 0.0	1.0 0.629 0.0 75.2 11.0 71.0 71.9 81
95	81	82	1.0 0.85 0.0	86.6 -7.6 76.0 76.4 95		1.0 0.627 0.0 75.1 11.2 70.9 71.8 81	1.0 0.85 0.0	1.0 0.642 0.0 76.0 9.7 71.8 72.4 82	1.0 0.85 0.0	1.0 0.85 0.0	1.0 0.642 0.0 76.0 9.7 71.8 72.4 82	1.0 0.85 0.0	1.0 0.642 0.0 76.0 9.7 71.8 72.4 82	1.0 0.85 0.0	1.0 0.642 0.0 76.0 9.7 71.8 72.4 82	1.0 0.85 0.0	1.0 0.642 0.0 76.0 9.7 71.8 72.4 82	1.0 0.85 0.0	1.0 0.642 0.0 76.0 9.7 71.8 72.4 82	1.0 0.85 0.0	1.0 0.642 0.0 76.0 9.7 71.8 72.4 82	1.0 0.85 0.0	1.0 0.642 0.0 76.0 9.7 71.8 72.4 82	1.0 0.85 0.0	1.0 0.642 0.0 76.0 9.7 71.8 72.4 82	1.0 0.85 0.0	1.0 0.642 0.0 76.0 9.7 71.8 72.4 82	1.0 0.85 0.0	1.0 0.642 0.0 76.0 9.7 71.8 72.4 82
96	82	83	1.0 0.866 0.0	87.3 -8.6 75.8 76.3 96		1.0 0.639 0.0 75.8 10.1 71.6 72.3 82	1.0 0.867 0.0	1.0 0.655 0.0 76.9 8.4 72.5 73.0 83	1.0 0.867 0.0	1.0 0.867 0.0	1.0 0.655 0.0 76.9 8.4 72.5 73.0 83	1.0 0.867 0.0	1.0 0.655 0.0 76.9 8.4 72.5 73.0 83	1.0 0.867 0.0	1.0 0.655 0.0 76.9 8.4 72.5 73.0 83	1.0 0.867 0.0	1.0 0.655 0.0 76.9 8.4 72.5 73.0 83	1.0 0.867 0.0	1.0 0.655 0.0 76.9 8.4 72.5 73.0 83	1.0 0.867 0.0	1.0 0.655 0.0 76.9 8.4 72.5 73.0 83	1.0 0.867 0.0	1.0 0.655 0.0 76.9 8.4 72.5 73.0 83	1.0 0.867 0.0	1.0 0.655 0.0 76.9 8.4 72.5 73.0 83	1.0 0.867 0.0	1.0 0.655 0.0 76.9 8.4 72.5 73.0 83	1.0 0.867 0.0	1.0 0.655 0.0 76.9 8.4 72.5 73.0 83
97	83	84	1.0 0.883 0.0	87.8 -9.4 76.3 76.9 97		1.0 0.651 0.0 76.6 8.9 72.2 72.8 83	1.0 0.883 0.0	1.0 0.668 0.0 77.7 7.0 73.2 73.5 84	1.0 0.883 0.0	1.0 0.883 0.0	1.0 0.668 0.0 77.7 7.0 73.2 73.5 84	1.0 0.883 0.0	1.0 0.668 0.0 77.7 7.0 73.2 73.5 84	1.0 0.883 0.0	1.0 0.668 0.0 77.7 7.0 73.2 73.5 84	1.0 0.883 0.0	1.0 0.668 0.0 77.7 7.0 73.2 73.5 84	1.0 0.883 0.0	1.0 0.668 0.0 77.7 7.0 73.2 73.5 84	1.0 0.883 0.0	1.0 0.668 0.0 77.7 7.0 73.2 73.5 84	1.0 0.883 0.0	1.0 0.668 0.0 77.7 7.0 73.2 73.5 84	1.0 0.883 0.0	1.0 0.668 0.0 77.7 7.0 73.2 73.5 84	1.0 0.883 0.0	1.0 0.668 0.0 77.7 7.0 73.2 73.5 84	1.0 0.883 0.0	1.0 0.668 0.0 77.7 7.0 73.2 73.5 84
97	84	85	1.0 0.9 0.0	88.4 -10.3 77.6 78.2 97		1.0 0.662 0.0 77.3 7.7 72.9 73.3 84	1.0 0.9 0.0	1.0 0.681 0.0 78.5 5.6 73.9 74.1 85	1.0 0.9 0.0	1.0 0.9 0.0	1.0 0.681 0.0 78.5 5.6 73.9 74.1 85	1.0 0.9 0.0	1.0 0.681 0.0 78.5 5.6 73.9 74.1 85	1.0 0.9 0.0	1.0 0.681 0.0 78.5 5.6 73.9 74.1 85	1.0 0.9 0.0	1.0 0.681 0.0 78.5 5.6 73.9 74.1 85	1.0 0.9 0.0	1.0 0.681 0.0 78.5 5.6 73.9 74.1 85	1.0 0.9 0.0	1.0 0.681 0.0 78.5 5.6 73.9 74.1 85	1.0 0.9 0.0	1.0 0.681 0.0 78.5 5.6 73.9 74.1 85	1.0 0.9 0.0	1.0 0.681 0.0 78.5 5.6 73.9 74.1 85	1.0 0.9 0.0	1.0 0.681 0.0 78.5 5.6 73.9 74.1 85	1.0 0.9 0.0	1.0 0.681 0.0 78.5 5.6 73.9 74.1 85
98	85	86	1.0 0.916 0.0	88.9 -11.2 78.8 79.6 98		1.0 0.674 0.0 78.1 6.4 73.5 73.8 85	1.0 0.917 0.0	1.0 0.694 0.0 79.4 4.2 74.5 74.6 86	1.0 0.917 0.0	1.0 0.917 0.0	1.0 0.694 0.0 79.4 4.2 74.5 74.6 86	1.0 0.917 0.0	1.0 0.694 0.0 79.4 4.2 74.5 74.6 86	1.0 0.917 0.0	1.0 0.694 0.0 79.4 4.2 74.5 74.6 86	1.0 0.917 0.0	1.0 0.694 0.0 79.4 4.2 74.5 74.6 86	1.0 0.917 0.0	1.0 0.694 0.0 79.4 4.2 74.5 74.6 86	1.0 0.917 0.0	1.0 0.694 0.0 79.4 4.2 74.5 74.6 86	1.0 0.917 0.0	1.0 0.694 0.0 79.4 4.2 74.5 74.6 86	1.0 0.917 0.0	1.0 0.694 0.0 79.4 4.2 74.5 74.6 86	1.0 0.917 0.0	1.0 0.694 0.0 79.4 4.2 74.5 74.6 86	1.0 0.917 0.0	1.0 0.694 0.0 79.4 4.2 74.5 74.6 86
98	86	87	1.0 0.933 0.0	89.4 -12.0 80.0 80.9 98		1.0 0.686 0.0 78.8 5.2 74.1 74.3 86	1.0 0.933 0.0	1.0 0.707 0.0 80.2 2.8 75.1 75.2 87	1.0 0.933 0.0	1.0 0.933 0.0	1.0 0.707 0.0 80.2 2.8 75.1 75.2 87	1.0 0.933 0.0	1.0 0.707 0.0 80.2 2.8 75.1 75.2 87	1.0 0.933 0.0	1.0 0.707 0.0 80.2 2.8 75.1 75.2 87	1.0 0.933 0.0	1.0 0.707 0.0 80.2 2.8 75.1 75.2 87	1.0 0.933 0.0	1.0 0.707 0.0 80.2 2.8 75.1 75.2 87	1.0 0.933 0.0	1.0 0.707 0.0 80.2 2.8 75.1 75.2 87	1.0 0.933 0.0	1.0 0.707 0.0 80.2 2.8 75.1 75.2 87	1.0 0.933 0.0	1.0 0.707 0.0 80.2 2.8 75.1 75.2 87	1.0 0.933 0.0	1.0 0.707 0.0 80.2 2.8 75.1 75.2 87	1.0 0.933 0.0	1.0 0.707 0.0 80.2 2.8 75.1 75.2 87
99	87	88	1.0 0.95 0.0	89.9 -12.9 81.1 82.2 99		1.0 0.697 0.0 79.6 3.9 74.7 74.8 87	1.0 0.95 0.0	1.0 0.72 0.0 81.1 1.4 75.7 75.7 88	1.0 0.95 0.0	1.0 0.95 0.0	1.0 0.72 0.0 81.1 1.4 75.7 75.7 88	1.0 0.95 0.0	1.0 0.72 0.0 81.1 1.4 75.7 75.7 88	1.0 0.95 0.0	1.0 0.72 0.0 81.1 1.4 75.7 75.7 88	1.0 0.95 0.0	1.0 0.72 0.0 81.1 1.4 75.7 75.7 88	1.0 0.95 0.0	1.0 0.72 0.0 81.1 1.4 75.7 75.7 88	1.0 0.95 0.0	1.0 0.72 0.0 81.1 1.4 75.7 75.7 88	1.0 0.95 0.0	1.0 0.72 0.0 81.1 1.4 75.7 75.7 88	1.0 0.95 0.0	1.0 0.72 0.0 81.1 1.4 75.7 75.7 88	1.0 0.95 0.0	1.0 0.72 0.0 81.1 1.4 75.7 75.7 88	1.0 0.95 0.0	1.0 0.72 0.0 81.1 1.4 75.7 75.7 88
99	88	90	1.0 0.966 0.0	90.5 -13.9 82.3 83.5 99		1.0 0.709 0.0 80.3 2.6 75.2 75.3 88	1.0 0.967 0.0	1.0 0.733 0.0 81.9 0.0 76.3 76.3 90	1.0 0.967 0.0	1.0 0.967 0.0	1.0 0.733 0.0 81.9 0.0 76.3 76.3 90	1.0 0.967 0.0	1.0 0.733 0.0 81.9 0.0 76.3 76.3 90	1.0 0.967 0.0	1.0 0.733 0.0 81.9 0.0 76.3 76.3 90	1.0 0.967 0.0	1.0 0.733 0.0 81.9 0.0 76.3 76.3 90	1.0 0.967 0.0	1.0 0.733 0.0 81.9 0.0 76.3 76.3 90	1.0 0.967 0.0	1.0 0.733 0.0 81.9 0.0 76.3 76.3 90	1.0 0.967 0.0	1.0 0.733 0.0 81.9 0.0 76.3 76.3 90	1.0 0.967 0.0	1.0 0.733 0.0 81.9 0.0 76.3 76.3 90	1.0 0.967 0.0	1.0 0.733 0.0 81.9 0.0 76.3 76.3 90	1.0 0.967 0.0	1.0 0.733 0.0 81.9 0.0 76.3 76.3 90
100	89	91	1.0 0.983 0.0	91.0 -14.8 83.5 84.8 100		1.0 0.721 0.0 81.1 1.3 75.8 75.8 89	1.0 0.983 0.0	1.0 0.746 0.0 82.7 -1.5 76.8 76.9 91	1.0 0.983 0.0	1.0 0.983 0.0	1.0 0.746 0.0 82.7 -1.5 76.8 76.9 91	1.0 0.983 0.0	1.0 0.746 0.0 82.7 -1.5 76.8 76.9 91	1.0 0.983 0.0	1.0 0.746 0.0 82.7 -1.5 76.8 76.9 91	1.0 0.983 0.0	1.0 0.746 0.0 82.7 -1.5 76.8 76.9 91	1.0 0.983 0.0	1.0 0.746 0.0 82.7 -1.5 76.8 76.9 91	1.0 0.983 0.0	1.0 0.746 0.0 82.7 -1.5 76.8 76.9 91	1.0 0.983 0.0	1.0 0.746 0.0 82.7 -1.5 76.8 76.9 91	1.0 0.983 0.0	1.0 0.746 0.0 82.7 -1.5 76.8 76.9 91	1.0 0.983 0.0	1.0 0.746 0.0 82.7 -1.5 76.8 76.9 91	1.0 0.983 0.0	1.0 0.746 0.0 82.7 -1.5 76.8 76.9 91
100	90	92	1.0 1.0 0.0	91.5 -15.8 84.6 86.1 100	Y _d	1.0 0.732 0.0 81.8 0.0 76.3 76.3 90	Y _s	1.0 1.0																					

3-1131030-L0 PF890-73 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-PF89; cercle de teinte, 16 étapes
cercle chromatique 48 paliers; tableaux rgb-LabCh*

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

sortie: Laser printer output; separation cmyn6*, D65, page 11/33

3-1131030-F0

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}	$LAB^*_{dd361Mi} (x=LabCh)$	$rgb^*_{ds361Mi}$	$LAB^*_{dsx361Mi} (x=LabCh)$	$rgb^*_{dd361Mi}$	$LAB^*_{de361Mi}$	$rgb^*_{dex361Mi} (x=LabCh)$	$rgb^*_{dd361Mi}$	$LAB^*_{dd361Mi}$	$rgb^*_{dd361Mi}$	$LAB^*_{dd361Mi}$	$rgb^*_{dd361Mi}$	$LAB^*_{dd361Mi}$	$rgb^*_{dd361Mi}$	$LAB^*_{dd361Mi}$		
127	120	127	0.5	1.0	0.0	70.9	-41.7 54.8	68.9	127	0.5	1.0	0.0	70.9	-41.7 54.8	68.9	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	70.4	-42.6 53.8	68.7	128	0.483	1.0	0.0
129	122	129	0.466	1.0	0.0	69.8	-43.4 53.0	68.5	129	0.466	1.0	0.0	69.8	-43.6 52.8	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	69.2	-44.5 51.7	68.3	130	0.45	1.0	0.0
131	124	131	0.433	1.0	0.0	68.6	-45.0 51.2	68.2	131	0.433	1.0	0.0	68.6	-45.4 50.7	68.1	131	0.433	1.0	0.0
132	125	132	0.416	1.0	0.0	68.0	-45.7 50.3	68.0	132	0.416	1.0	0.0	68.0	-46.3 49.6	67.9	132	0.416	1.0	0.0
133	126	133	0.4	1.0	0.0	67.4	-46.5 49.4	67.8	133	0.4	1.0	0.0	67.4	-47.1 48.5	67.7	133	0.4	1.0	0.0
134	127	134	0.383	1.0	0.0	66.8	-47.2 48.5	67.7	134	0.383	1.0	0.0	66.8	-48.2 47.6	67.8	134	0.383	1.0	0.0
135	128	135	0.366	1.0	0.0	66.1	-48.2 47.5	67.7	135	0.366	1.0	0.0	66.1	-49.4 46.8	68.1	135	0.366	1.0	0.0
136	129	136	0.35	1.0	0.0	65.4	-49.5 46.6	68.1	136	0.35	1.0	0.0	65.4	-50.5 46.0	68.4	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	64.6	-51.7 45.1	68.7	138	0.333	1.0	0.0
139	131	140	0.316	1.0	0.0	63.8	-52.2 44.7	68.7	139	0.316	1.0	0.0	63.8	-52.8 44.2	68.9	140	0.317	1.0	0.0
140	132	141	0.3	1.0	0.0	63.0	-53.5 43.7	69.1	140	0.3	1.0	0.0	63.0	-53.9 43.3	69.2	141	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	62.2	-55.0 42.4	69.5	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	61.4	-56.1 41.4	69.8	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	60.6	-57.1 40.5	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	60.1	-58.1 39.4	70.3	145	0.233	1.0	0.0
146	137	146	0.216	1.0	0.0	59.6	-58.6 38.9	70.3	146	0.216	1.0	0.0	59.6	-59.1 38.3	70.5	147	0.217	1.0	0.0
147	138	147	0.2	1.0	0.0	59.1	-59.3 38.1	70.5	147	0.2	1.0	0.0	59.1	-60.0 37.2	70.7	148	0.2	1.0	0.0
148	139	148	0.183	1.0	0.0	58.7	-59.9 37.3	70.6	148	0.183	1.0	0.0	58.7	-60.9 36.1	70.8	149	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	58.2	-61.8 34.9	71.0	150	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	57.7	-63.0 33.9	71.6	151	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	57.2	-64.4 33.0	72.5	152	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	56.8	-65.8 32.1	73.3	154	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	56.4	-67.2 31.1	74.2	155	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	56.1	-67.4 29.5	73.7	156	0.083	1.0	0.0
153	146	157	0.066	1.0	0.0	55.7	-64.7 32.8	72.6	153	0.066	1.0	0.0	55.7	-67.2 27.8	72.8	157	0.067	1.0	0.0
153	147	158	0.049	1.0	0.0	55.4	-65.5 32.3	73.0	153	0.049	1.0	0.0	55.4	-66.9 26.1	71.9	158	0.05	1.0	0.0
154	148	159	0.033	1.0	0.0	55.0	-66.2 31.8	73.5	154	0.033	1.0	0.0	55.0	-66.6 24.4	71.0	159	0.033	1.0	0.0
154	149	161	0.016	1.0	0.0	54.7	-66.9 31.3	73.9	154	0.016	1.0	0.0	54.7	-66.3 22.8	70.2	161	0.017	1.0	0.0
155	150	162	0.0	1.0	0.0	54.3	-67.6 30.8	74.3	155	0.0	1.0	0.0	54.3	-65.9 21.1	69.3	162	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	54.2	-65.5 19.9	68.6	163	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	54.2	-65.2 18.7	67.9	164	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	54.1	-64.8 17.4	67.2	164	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	54.0	-64.4 16.2	66.5	165	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	53.9	-63.9 15.0	65.8	166	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	53.9	-63.5 13.9	65.1	167	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	53.8	-63.0 12.7	64.4	168	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	53.8	-62.6 11.6	63.8	169	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	53.8	-62.2 10.5	63.2	170	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	53.8	-61.7 9.4	62.6	171	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	53.8	-61.3 8.3	61.9	172	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	53.8	-60.8 7.3	61.3	173	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	53.7	-60.3 6.3	60.7	174	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	53.7	-59.8 5.2	60.1	175	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	53.7	-59.3 4.2	59.5	175	0.0	1.0	0.25

3-1131130-L0 PF890-73

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 cmyn6*, D65, page 12/33

graphique TUB-PF89; cercle de teinte, 16 étapes
cercle chromatique 48 paliers; tableaux $rgb-LabCh^*$

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

3-1131130-F0

voir fichiers similaires: <http://130.149.60.45/~farbmetrik/PF89/PF89L0FA.TXT> /PS
informations techniques: <http://www.ps.bam.de> ou <http://130.149.60.45/~farbmetrik>

TUB enregistrement: 20130201-PF89/PF89L0FA.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 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 _g ; h _{ab,d} = 33.5, 100.6, 155.5, 235.2, 290.8, 348.9; Six angles de teinte des couleurs élémentaires RYGBCM _e ; h _{ab,e} = 25.5, 92.3, 162.2, 217.0, 271.7, 328.6									
h _{ab,d}	h _{ab,s}	h _{ab,e}	rgb* dd361M	LAB* dds361Mi (x=LabCh)	LAB* dsx361Mi (x=LabCh)	rgb* ds361Mi	LAB* dsx361Mi (x=LabCh)	rgb* dd361Mi	LAB* dsx361Mi (x=LabCh)	rgb* de361Mi	LAB* dex361Mi (x=LabCh)	rgb* dd361Mi	LAB* dex361Mi (x=LabCh)	rgb* dd361Mi	LAB* dex361Mi (x=LabCh)	rgb* dd361Mi	LAB* dex361Mi (x=LabCh)	rgb* dd361Mi	LAB* dex361Mi (x=LabCh)
168	165	175	0.0	1.0	0.25	53.7	-63.1 12.8	64.4	168	0.0	1.0	0.25	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	53.1	-30.0 -43.1	52.5	235	0.0	1.0	1.0

3-1131230-L0 PF890-73

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-PF89; cercle de teinte, 16 étapes
cercle chromatique 48 paliers; tableaux $rgb-LabCh^*$

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

3-1131230-F0

voir fichiers similaires: <http://130.149.60.45/~farbmetrik/PF89/PF89L0FA.TXT> /PS
informations techniques: <http://www.ps.bam.de> ou <http://130.149.60.45/~farbmetrik>

TUB enregistrement: 20130201-PF89/PF89L0FA.TXT /PS
application pour la mesure des sorties sur imprimante laser, séparation cmy6* (CMYK)
TUB matériel: code=rha4ta

Couleur maximale dans le système colorimétrique : Laser printer output; separation cmyn6*, D65 pour l'entrée et sortie; Six angles de teinte à 60 degrés couleurs standard $RYGCBM_s$; $h_{ab,ds} = 30.0, 90.0, 150.0, 210.0, 270.0, 330.0$; Six angles de teinte des couleurs périphériques $RYGCBM_d$; $h_{ab,d} = 33.5, 100.6, 155.5, 235.2, 290.8, 348.9$; Six angles de teinte des couleurs élémentaires $RYGCBM_e$; $h_{ab,e} = 25.5, 92.3, 162.2, 217.0, 271.7, 328.6$																
$h_{ab,d}$	$h_{ab,s}$	$h_{ab,e}$	rgb^*_{dd361M}	$LAB^*_{ddx361Mi}(x=LabCh)$	C_d	$rgb^*_{ds361Mi}$	$LAB^*_{dsx361Mi}(x=LabCh)$	$210C_s$	$rgb^*_{dd361Mi}$	$LAB^*_{de361Mi}$	$dex361Mi(x=LabCh)$	$216C_e$	$rgb^*_{dd361Mi}$	rgb^*_{dd}	rgb^*_{ds}	rgb^*_{de}
235	210	216	0.0	1.0	1.0	53.1	-29.7	-43.3	52.5	235	0.0	1.0	0.983	1.0	0.983	1.0
235	211	217	0.0	0.983	1.0	53.1	-29.7	-43.3	52.5	235	0.0	1.0	0.983	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	0.25	1.0

3-1131330-L0 PF890-73 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 cmyn6*, D65, page 14/33

graphique TUB-PF89; cercle de teinte, 16 étapes
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/PF89/PF89.HTM>
informations techniques: <http://www.ps.bam.de> ou <http://130.149.60.45/~farbmetrik>

TUB enregistrement: 20130201-PF89/PF89L0FA.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 cmyn6*, D65 pour l'entrée et sortie; Six angles de teinte à 60 degrés couleurs standard RYGBM _s ; h _{ab,ds} = 30.0, 90.0, 150.0, 210.0, 270.0, 330.0; Six angles de teinte des couleurs périphériques RYGBM _s ; h _{ab,d} = 33.5, 100.6, 155.5, 235.2, 290.8, 348.9; Six angles de teinte des couleurs élémentaires RYGBM _s ; h _{ab,e} = 25.5, 92.3, 162.2, 217.0, 271.7, 328.6																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																				
h _{ab,d}			h _{ab,s}			h _{ab,e}			rgb* _{dd361M}			LAB* _{ddx361Mi} (x=LabCh)			rgb* _{ds361Mi}			LAB* _{dsx361Mi} (x=LabCh)			rgb* _{dd361Mi}			rgb* _{de361Mi}			LAB* _{dex361Mi} (x=LabCh)			rgb* _{dd361Mi}			rgb* _{dd361Mi}			rgb* _{ds361Mi}			rgb* _{de361Mi}																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																													
272	255	258	0.0	0.25	1.0	36.8	2.2	-48.5 48.6	272	0.0	0.499	1.0	46.1	-13.1	-49.3 51.2	255	0.0	0.25	1.0	0.0	0.449	1.0	44.2	-10.4	-49.4 50.6	258	0.0	0.25	1.0																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																							

Couleur maximale dans le système colorimétrique : Laser printer output; separation cmyn6*, D65 pour l'entrée et sortie; Six angles de teinte à 60 degrés couleurs standard RYGBM _s : h _{ab,ds} = 30.0, 90.0, 150.0, 210.0, 270.0, 330.0;																														
Six angles de teinte des couleurs périphériques RYGBM _d : h _{ab,d} = 33.5, 100.6, 155.5, 235.2, 290.8, 348.9; Six angles de teinte des couleurs élémentaires RYGBM _e : h _{ab,e} = 25.5, 92.3, 162.2, 217.0, 271.7, 328.6																														
h _{ab,d}	h _{ab,s}	h _{ab,e}	rgb* _{dd361M}	LAB* _{dsx361Mi (x=LabCh)}	rgb* _{ds361Mi}	LAB* _{dsx361Mi (x=LabCh)}	rgb* _{dd361Mi}	LAB* _{dsx361Mi (x=LabCh)}	rgb* _{de361Mi}	LAB* _{dex361Mi (x=LabCh)}	rgb* _{dd361Mi}	LAB* _{dex361Mi (x=LabCh)}	rgb* _{dd361Mi}	LAB* _{dex361Mi (x=LabCh)}	rgb* _{dd361Mi}	LAB* _{dex361Mi (x=LabCh)}	rgb* _{dd361Mi}	LAB* _{dex361Mi (x=LabCh)}	rgb* _{dd361Mi}	LAB* _{dex361Mi (x=LabCh)}	rgb* _{dd361Mi}	LAB* _{dex361Mi (x=LabCh)}	rgb* _{dd361Mi}	LAB* _{dex361Mi (x=LabCh)}	rgb* _{dd361Mi}	LAB* _{dex361Mi (x=LabCh)}	rgb* _{dd361Mi}	LAB* _{dex361Mi (x=LabCh)}		
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	0.139 0.0 1.0	31.5 24.4 -41.9 48.6	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	0.139 0.0 1.0	31.5 24.4 -41.9 48.6	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	0.139 0.0 1.0
325	301	301	0.516 0.0 1.0	37.4 43.8 -30.4 53.4	325	0.151 0.0 1.0	31.5 25.1 -41.6 48.7	301	0.517 0.0 1.0	0.153 0.0 1.0	31.5 25.2 -41.6 48.7	301	0.517 0.0 1.0	0.153 0.0 1.0	31.5 25.2 -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	0.153 0.0 1.0	31.5 25.2 -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	0.153 0.0 1.0
326	302	302	0.533 0.0 1.0	37.7 44.5 -29.9 53.7	326	0.165 0.0 1.0	31.4 25.9 -41.3 48.9	302	0.533 0.0 1.0	0.166 0.0 1.0	31.4 26.0 -41.3 48.9	302	0.533 0.0 1.0	0.166 0.0 1.0	31.4 26.0 -41.3 48.9	302	0.533 0.0 1.0	0.166 0.0 1.0	31.4 26.0 -41.3 48.9	302	0.533 0.0 1.0	0.166 0.0 1.0	31.4 26.0 -41.3 48.9	302	0.533 0.0 1.0	0.166 0.0 1.0	31.4 26.0 -41.3 48.9	302	0.533 0.0 1.0	0.166 0.0 1.0
326	303	303	0.55 0.0 1.0	37.9 45.3 -29.5 54.0	326	0.18 0.0 1.0	31.4 26.7 -41.0 49.0	303	0.55 0.0 1.0	0.18 0.0 1.0	31.4 26.7 -41.0 49.0	303	0.55 0.0 1.0	0.18 0.0 1.0	31.4 26.7 -41.0 49.0	303	0.55 0.0 1.0	0.18 0.0 1.0	31.4 26.7 -41.0 49.0	303	0.55 0.0 1.0	0.18 0.0 1.0	31.4 26.7 -41.0 49.0	303	0.55 0.0 1.0	0.18 0.0 1.0	31.4 26.7 -41.0 49.0	303	0.55 0.0 1.0	0.18 0.0 1.0
327	304	303	0.566 0.0 1.0	38.2 46.0 -29.0 54.4	327	0.194 0.0 1.0	31.3 27.5 -40.7 49.2	304	0.567 0.0 1.0	0.194 0.0 1.0	31.3 27.5 -40.7 49.2	303	0.567 0.0 1.0	0.194 0.0 1.0	31.3 27.5 -40.7 49.2	303	0.567 0.0 1.0	0.194 0.0 1.0	31.3 27.5 -40.7 49.2	303	0.567 0.0 1.0	0.194 0.0 1.0	31.3 27.5 -40.7 49.2	303	0.567 0.0 1.0	0.194 0.0 1.0	31.3 27.5 -40.7 49.2	303	0.567 0.0 1.0	0.194 0.0 1.0
328	305	304	0.583 0.0 1.0	38.4 46.7 -28.5 54.7	328	0.209 0.0 1.0	31.2 28.3 -40.3 49.4	305	0.583 0.0 1.0	0.208 0.0 1.0	31.2 28.3 -40.4 49.4	304	0.583 0.0 1.0	0.208 0.0 1.0	31.2 28.3 -40.4 49.4	304	0.583 0.0 1.0	0.208 0.0 1.0	31.2 28.3 -40.4 49.4	304	0.583 0.0 1.0	0.208 0.0 1.0	31.2 28.3 -40.4 49.4	304	0.583 0.0 1.0	0.208 0.0 1.0	31.2 28.3 -40.4 49.4	304	0.583 0.0 1.0	0.208 0.0 1.0
329	306	305	0.6 0.0 1.0	38.7 47.4 -28.0 55.1	329	0.224 0.0 1.0	31.1 29.1 -40.0 49.5	306	0.6 0.0 1.0	0.222 0.0 1.0	31.2 29.0 -40.0 49.5	305	0.6 0.0 1.0	0.222 0.0 1.0	31.2 29.0 -40.0 49.5	305	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	0.222 0.0 1.0	31.2 29.0 -40.0 49.5	305	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	0.222 0.0 1.0
330	307	306	0.616 0.0 1.0	38.9 48.1 -27.5 55.4	330	0.238 0.0 1.0	31.1 29.9 -39.6 49.7	307	0.617 0.0 1.0	0.235 0.0 1.0	31.1 29.8 -39.7 49.7	306	0.617 0.0 1.0	0.235 0.0 1.0	31.1 29.8 -39.7 49.7	306	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	0.235 0.0 1.0	31.1 29.8 -39.7 49.7	306	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	0.235 0.0 1.0
331	308	307	0.633 0.0 1.0	39.2 48.9 -26.9 55.8	331	0.252 0.0 1.0	31.1 30.7 -39.2 49.9	308	0.633 0.0 1.0	0.249 0.0 1.0	31.0 30.5 -39.3 49.8	307	0.633 0.0 1.0	0.249 0.0 1.0	31.0 30.5 -39.3 49.8	307	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	0.249 0.0 1.0	31.0 30.5 -39.3 49.8	307	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	0.249 0.0 1.0
332	309	308	0.65 0.0 1.0	39.6 49.8 -26.2 56.3	332	0.265 0.0 1.0	31.4 31.5 -38.8 50.1	309	0.65 0.0 1.0	0.261 0.0 1.0	31.3 31.3 -39.0 50.0	308	0.65 0.0 1.0	0.261 0.0 1.0	31.3 31.3 -39.0 50.0	308	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	0.261 0.0 1.0	31.3 31.3 -39.0 50.0	308	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	0.261 0.0 1.0
333	310	309	0.666 0.0 1.0	40.0 50.7 -25.4 56.8	333	0.278 0.0 1.0	31.8 32.3 -38.4 50.3	310	0.667 0.0 1.0	0.274 0.0 1.0	31.6 32.1 -38.6 50.2	309	0.667 0.0 1.0	0.274 0.0 1.0	31.6 32.1 -38.6 50.2	309	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	0.274 0.0 1.0	31.6 32.1 -38.6 50.2	309	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	0.274 0.0 1.0
334	311	310	0.683 0.0 1.0	40.4 51.6 -24.7 57.2	334	0.291 0.0 1.0	32.1 33.1 -38.0 50.5	311	0.683 0.0 1.0	0.286 0.0 1.0	32.0 32.8 -38.2 50.4	310	0.683 0.0 1.0	0.286 0.0 1.0	32.0 32.8 -38.2 50.4	310	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	0.286 0.0 1.0	32.0 32.8 -38.2 50.4	310	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	0.286 0.0 1.0
335	312	311	0.7 0.0 1.0	40.7 52.5 -23.9 57.7	335	0.304 0.0 1.0	32.4 33.9 -37.6 50.7	312	0.7 0.0 1.0	0.298 0.0 1.0	32.3 33.6 -37.8 50.6	311	0.7 0.0 1.0	0.298 0.0 1.0	32.3 33.6 -37.8 50.6	311	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	0.298 0.0 1.0	32.3 33.6 -37.8 50.6	311	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	0.298 0.0 1.0
336	313	312	0.716 0.0 1.0	41.1 53.4 -23.1 58.2	336	0.317 0.0 1.0	32.8 34.7 -37.2 50.9	313	0.717 0.0 1.0	0.31 0.0 1.0	32.6 34.3 -37.4 50.8	312	0.717 0.0 1.0	0.31 0.0 1.0	32.6 34.3 -37.4 50.8	312	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	0.31 0.0 1.0	32.6 34.3 -37.4 50.8	312	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	0.31 0.0 1.0
337	314	313	0.733 0.0 1.0	41.5 54.3 -22.3 58.7	337	0.33 0.0 1.0	33.1 35.5 -36.7 51.1	314	0.733 0.0 1.0	0.323 0.0 1.0	32.9 35.1 -37.0 51.0	313	0.733 0.0 1.0	0.323 0.0 1.0	32.9 35.1 -37.0 51.0	313	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	0.323 0.0 1.0	32.9 35.1 -37.0 51.0	313	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	0.323 0.0 1.0
338	315	314	0.75 0.0 1.0	41.8 55.1 -21.4 59.1	338	0.343 0.0 1.0	33.4 36.3 -36.2 51.4	315	0.75 0.0 1.0	0.335 0.0 1.0	33.2 35.8 -36.5 51.2	314	0.75 0.0 1.0	0.335 0.0 1.0	33.2 35.8 -36.5 51.2	314	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	0.335 0.0 1.0	33.2 35.8 -36.5 51.2	314	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	0.335 0.0 1.0
339	316	315	0.766 0.0 1.0	42.4 55.8 -20.9 59.6	339	0.356 0.0 1.0	33.8 37.1 -35.7 51.6	316	0.767 0.0 1.0	0.347 0.0 1.0	33.5 36.6 -36.0 51.4	315	0.767 0.0 1.0	0.347 0.0 1.0	33.5 36.6 -36.0 51.4	315	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	0.347 0.0 1.0	33.5 36.6 -36.0 51.4	315	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	0.347 0.0 1.0
340	317	316	0.783 0.0 1.0	42.9 56.5 -20.4 60.1	340	0.368 0.0 1.0	34.1 37.9 -35.2 51.8	317	0.783 0.0 1.0	0.359 0.0 1.0	33.9 37.3 -35.6 51.6	316	0.783 0.0 1.0	0.359 0.0 1.0	33.9 37.3 -35.6 51.6	316	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	0.359 0.0 1.0	33.9 37.3 -35.6 51.6	316	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	0.359 0.0 1.0
340	318	317	0.8 0.0 1.0	43.4 57.2 -19.8 60.5	340	0.384 0.0 1.0	34.5 38.6 -34.7 52.0	318	0.8 0.0 1.0	0.371 0.0 1.0	34.2 38.0 -35.1 51.8	317	0.8 0.0 1.0	0.371 0.0 1.0	34.2 38.0 -35.1 51.8	317	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	0.371 0.0 1.0	34.2 38.0 -35.1 51.8	317	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	0.371 0.0 1.0
341	319	318	0.816 0.0 1.0	43.9 57.8 -19.3 61.0	341	0.402 0.0 1.0	34.9 39.3 -34.1 52.1	319	0.817 0.0 1.0	0.387 0.0 1.0	34.6 38.8 -34.6 52.0	318	0.817 0.0 1.0	0.387 0.0 1.0	34.6 38.8 -34.6 52.0	318	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	0.387 0.0 1.0	34.6 38.8 -34.6 52.0	318	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	0.387 0.0 1.0
342	320	319	0.833 0.0 1.0	44.4 58.5 -18.7 61.4	342	0.42 0.0 1.0	35.3 40.1 -33.5 52.3	320	0.833 0.0 1.0	0.404 0.0 1.0	35.0 39.4 -34.0 52.2	319	0.833 0.0 1.0	0.404 0.0 1.0																

3-1131530-L0 PF890-73

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 cmyn6*, D65, page 16/33

graphique TUB-PF89; cercle de teinte, 16 étapes
cercle chromatique 48 paliers; tableaux $rgb-LabCh^*$

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

3-1131530-F0

voir fichiers similaires: <http://130.149.60.45/~farbmetrik/PF89/PF89L0FA.TXT> /PS
informations techniques: <http://www.ps.bam.de> ou <http://130.149.60.45/~farbmetrik>

TUB enregistrement: 20130201-PF89/PF89L0FA.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 $RYGBCM_{\lambda}$: $h_{ab,ds} = 30.0, 90.0, 150.0, 210.0, 270.0, 330.0$; Six angles de teinte des couleurs périphériques $RYGBCM_{\lambda}$: $h_{ab,d} = 33.5, 100.6, 155.5, 235.2, 290.8, 348.9$; Six angles de teinte des couleurs élémentaires $RYGBCM_{\lambda}$: $h_{ab,e} = 25.5, 92.3, 162.2, 217.0, 271.7, 328.6$

[illegible]

3-1131630-L0	PF890-73	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 17/33

graphique TUB-PF89; cercle de teinte, 16 étapes
cercle chromatique 48 paliers: tableaux *rgb-LabCh**

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

http://130.149.60.45/~farbmetrik/PF89/PF89L0FA.TXT /.PS; linéarisation 3D
F: linéarisation 3D PF89/PF89L0FA.DAT dans fichier (F), page 18/33

nj	HC*Fide	rgb_Fide	icr_Fide	hsa_Fide	rgb*Fide	LabCh*Fide	cmyk*_sep_Fide	cmyn*_sep_Fide	hsa*Fide	rgb*Fide	LabCh*Fide	delta
0/648	R00Y_100_100de	1.0	0.0	1.0	0.0	0.263	47.5	56.0	37.5	0.0	0.735	0.0
1/657	R13Y_100_100de	0.0	0.125	0.0	1.0	0.0	0.012	47.5	57.1	0.0	0.989	0.0
2/666	R25Y_100_100de	0.0	0.25	0.0	1.0	0.0	0.012	47.5	57.1	0.0	0.989	0.0
3/675	R38Y_100_100de	0.0	0.375	0.0	1.0	0.0	0.012	47.5	57.1	0.0	0.989	0.0
4/684	R50Y_100_100de	0.0	0.5	0.0	1.0	0.0	0.012	47.5	57.1	0.0	0.989	0.0
5/693	R63Y_100_100de	0.0	0.625	0.0	1.0	0.0	0.012	47.5	57.1	0.0	0.989	0.0
6/702	R75Y_100_100de	0.0	0.75	0.0	1.0	0.0	0.012	47.5	57.1	0.0	0.989	0.0
7/711	R88Y_100_100de	0.0	0.875	0.0	1.0	0.0	0.012	47.5	57.1	0.0	0.989	0.0
8/720	Y00C_100_100de	1.0	1.0	0.0	1.0	0.0	0.263	47.5	56.0	0.0	0.735	0.0
9/639	Y13C_100_100de	0.875	1.0	0.0	1.0	0.0	0.012	47.5	57.1	0.0	0.989	0.0
10/658	Y25C_100_100de	0.75	1.0	0.0	1.0	0.0	0.012	47.5	57.1	0.0	0.989	0.0
11/477	Y38C_100_100de	0.625	1.0	0.0	1.0	0.0	0.012	47.5	57.1	0.0	0.989	0.0
12/396	Y50C_100_100de	0.5	1.0	0.0	1.0	0.0	0.012	47.5	57.1	0.0	0.989	0.0
13/315	Y63C_100_100de	0.375	1.0	0.0	1.0	0.0	0.012	47.5	57.1	0.0	0.989	0.0
14/234	Y75C_100_100de	0.25	1.0	0.0	1.0	0.0	0.012	47.5	57.1	0.0	0.989	0.0
15/153	Y88C_100_100de	0.125	1.0	0.0	1.0	0.0	0.012	47.5	57.1	0.0	0.989	0.0
16/72	G00C_100_100de	0.0	1.0	0.0	1.0	0.0	0.146	53.8	65.9	0.0	0.798	0.125
17/73	G13C_100_100de	0.0	0.125	1.0	0.0	0.0	0.012	53.8	65.9	0.0	0.798	0.125
18/74	G25C_100_100de	0.0	0.25	1.0	0.0	0.0	0.012	53.8	65.9	0.0	0.798	0.125
19/75	G38C_100_100de	0.0	0.375	1.0	0.0	0.0	0.012	53.8	65.9	0.0	0.798	0.125
20/76	G50C_100_100de	0.0	0.5	1.0	0.0	0.0	0.012	53.8	65.9	0.0	0.798	0.125
21/77	G63C_100_100de	0.0	0.625	1.0	0.0	0.0	0.012	53.8	65.9	0.0	0.798	0.125
22/78	G75C_100_100de	0.0	0.75	1.0	0.0	0.0	0.012	53.8	65.9	0.0	0.798	0.125
23/79	G88C_100_100de	0.0	0.875	1.0	0.0	0.0	0.012	53.8	65.9	0.0	0.798	0.125
24/80	C00B_100_100de	0.0	1.0	0.0	1.0	0.0	0.146	53.8	65.9	0.0	0.798	0.125
25/71	C13B_100_100de	0.0	0.875	1.0	0.0	0.0	0.012	53.8	65.9	0.0	0.798	0.125
26/62	C25B_100_100de	0.0	0.75	1.0	0.0	0.0	0.012	53.8	65.9	0.0	0.798	0.125
27/63	C38B_100_100de	0.0	0.625	1.0	0.0	0.0	0.012	53.8	65.9	0.0	0.798	0.125
28/44	C50B_100_100de	0.0	0.5	1.0	0.0	0.0	0.012	53.8	65.9	0.0	0.798	0.125
29/35	C63B_100_100de	0.0	0.375	1.0	0.0	0.0	0.012	53.8	65.9	0.0	0.798	0.125
30/26	C75B_100_100de	0.0	0.25	1.0	0.0	0.0	0.012	53.8	65.9	0.0	0.798	0.125
31/17	C88B_100_100de	0.0	0.125	1.0	0.0	0.0	0.012	53.8	65.9	0.0	0.798	0.125
32/8	B00M_100_100de	0.0	0.0	1.0	1.0	0.0	0.261	1.0	0.261	0.0	0.738	0.0
33/89	B13M_100_100de	0.125	0.0	1.0	1.0	0.0	0.012	1.0	0.261	0.0	0.738	0.0
34/170	B25M_100_100de	0.25	0.0	1.0	1.0	0.0	0.012	1.0	0.261	0.0	0.738	0.0
35/251	B38M_100_100de	0.375	0.0	1.0	1.0	0.0	0.012	1.0	0.261	0.0	0.738	0.0
36/332	B50M_100_100de	0.5	0.0	1.0	1.0	0.0	0.012	1.0	0.261	0.0	0.738	0.0
37/413	B63M_100_100de	0.625	0.0	1.0	1.0	0.0	0.012	1.0	0.261	0.0	0.738	0.0
38/494	B75M_100_100de	0.75	0.0	1.0	1.0	0.0	0.012	1.0	0.261	0.0	0.738	0.0
39/575	B88M_100_100de	0.875	0.0	1.0	1.0	0.0	0.012	1.0	0.261	0.0	0.738	0.0
40/656	M00R_100_100de	1.0	0.0	1.0	0.0	0.0	0.263	47.5	56.0	0.0	0.735	0.0
41/655	M13R_100_100de	1.0	0.0	0.875	1.0	0.0	0.012	47.5	56.0	0.0	0.735	0.0
42/654	M25R_100_100de	1.0	0.0	0.75	1.0	0.0	0.012	47.5	56.0	0.0	0.735	0.0
43/653	M38R_100_100de	1.0	0.0	0.625	1.0	0.0	0.012	47.5	56.0	0.0	0.735	0.0
44/652	M50R_100_100de	1.0	0.0	0.5	1.0	0.0	0.012	47.5	56.0	0.0	0.735	0.0
45/651	M63R_100_100de	1.0	0.0	0.375	1.0	0.0	0.012	47.5	56.0	0.0	0.735	0.0
46/650	M75R_100_100de	1.0	0.0	0.25	1.0	0.0	0.012	47.5	56.0	0.0	0.735	0.0
47/649	M88R_100_100de	1.0	0.0	0.125	1.0	0.0	0.012	47.5	56.0	0.0	0.735	0.0
48/648	R00Y_100_100de	1.0	0.0	0.0	1.0	0.0	0.263	47.5	56.0	0.0	0.735	0.0
49/0	NW_000de	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50/91	NW_013de	0.125	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
51/182	NW_025de	0.25	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
52/273	NW_0375de	0.375	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
53/364	NW_050de	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
54/455	NW_063de	0.625	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55/546	NW_075de	0.75	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
56/637	NW_088de	0.875	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57/728	NW_100de	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.0

PF890-7N, 18/33-F

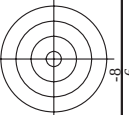
graphique TUB-PF89; cercle de teinte, 16 étapes
couleurs et différences, ΔE^*

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

H/C*Fide		rgb_Fide		icr_Fide		hsa_Fide		rgb*Fide		LabCh*Fide		cmyk*Fide		delta	
H/C*Fide		rgb_Fide		icr_Fide		hsa_Fide		rgb*Fide		LabCh*Fide		cmyk*Fide		delta	
1	NW 0000e	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
2	BOOR.02.0124e	0.0	0.0	0.125	0.125	0.062	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3	BOOR.025.025e	0.0	0.0	0.25	0.25	0.125	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4	BOOR.050.050e	0.0	0.0	0.375	0.375	0.187	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5	BOOR.062.062e	0.0	0.0	0.5	0.5	0.25	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6	BOOR.075.075e	0.0	0.0	0.625	0.625	0.312	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7	BOOR.087.087e	0.0	0.0	0.75	0.75	0.375	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8	BOOR.100.100e	0.0	0.0	1.0	1.0	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9	BOOR.012.012e	0.0	0.125	0.125	0.125	0.062	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10	G5B0.012.012e	0.0	0.125	0.125	0.125	0.062	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
11	G7B0.025.025e	0.0	0.125	0.25	0.25	0.125	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
12	G8B0.037.037e	0.0	0.125	0.375	0.375	0.187	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
13	G8B0.050.050e	0.0	0.125	0.5	0.5	0.25	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14	G8B0.062.062e	0.0	0.125	0.625	0.625	0.312	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15	G9B0.075.075e	0.0	0.125	0.75	0.75	0.375	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
16	G9B0.087.087e	0.0	0.125	0.875	0.875	0.437	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
17	G9B0.100.100e	0.0	0.125	1.0	1.0	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
18	G0B0.025.025e	0.0	0.25	0.25	0.25	0.125	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
19	G2B0.025.025e	0.0	0.25	0.25	0.25	0.125	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
20	G5B0.037.037e	0.0	0.25	0.375	0.375	0.187	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
21	G7B0.050.050e	0.0	0.25	0.5	0.5	0.25	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
22	G8B0.062.062e	0.0	0.25	0.625	0.625	0.312	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
23	G8B0.075.075e	0.0	0.25	0.75	0.75	0.375	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
24	G8B0.087.087e	0.0	0.25	0.875	0.875	0.437	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
25	G9B0.100.100e	0.0	0.25	1.0	1.0	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
26	G0B0.037.037e	0.0	0.375	0.375	0.375	0.187	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
27	G1B0.037.037e	0.0	0.375	0.375	0.375	0.187	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
28	G1B0.050.050e	0.0	0.375	0.375	0.375	0.187	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
29	G3B0.037.037e	0.0	0.375	0.375	0.375	0.187	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
30	G3B0.050.050e	0.0	0.375	0.375	0.375	0.187	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
31	G5B0.062.062e	0.0	0.375	0.625	0.625	0.312	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
32	G7B0.075.075e	0.0	0.375	0.75	0.75	0.375	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
33	G7B0.087.087e	0.0	0.375	0.875	0.875	0.437	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
34	G9B0.100.100e	0.0	0.375	1.0	1.0	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
35	G0B0.050.050e	0.0	0.5	0.5	0.5	0.25	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
36	G1B0.050.050e	0.0	0.5	0.5	0.5	0.25	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
37	G1B0.075.075e	0.0	0.5	0.5	0.5	0.25	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
38	G2B0.075.075e	0.0	0.5	0.5	0.5	0.25	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
39	G3B0.050.050e	0.0	0.5	0.5	0.5	0.25	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
40	G3B0.075.075e	0.0	0.5	0.5	0.5	0.25	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
41	G5B0.062.062e	0.0	0.5	0.625	0.625	0.312	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
42	G5B0.075.075e	0.0	0.5	0.75	0.75	0.375	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
43	G7B0.087.087e	0.0	0.5	0.875	0.875	0.437	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
44	G7B0.100.100e	0.0	0.5	1.0	1.0	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
45	G9B0.062.062e	0.0	0.625	0.625	0.625	0.312	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
46	G9B0.062.062e	0.0	0.625	0.625	0.625	0.312	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47	G9B0.062.062e	0.0	0.625	0.625	0.625	0.312	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
48	G9B0.062.062e	0.0	0.625	0.625	0.625	0.312	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
49	G9B0.062.062e	0.0	0.625	0.625	0.625	0.312	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50	G9B0.062.062e	0.0	0.625	0.625	0.625	0.312	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
51	G5B0.075.075e	0.0	0.625	0.75	0.75	0.375	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
52	G5B0.087.087e	0.0	0.625	0.875	0.875	0.437	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
53	G7B0.100.100e	0.0	0.625	1.0	1.0	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
54	G9B0.075.075e	0.0	0.75	0.75	0.75	0.375	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55	G9B0.075.075e	0.0	0.75	0.75	0.75	0.375	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
56	G9B0.075.075e	0.0	0.75	0.75	0.75	0.375	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57	G9B0.075.075e	0.0	0.75	0.75	0.75	0.375	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
58	G9B0.075.075e	0.0	0.75	0.75	0.75	0.375	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
59	G9B0.075.075e	0.0	0.75	0.75	0.75	0.375	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60	G9B0.075.075e	0.0	0.75	0.75	0.75	0.375	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
61	G9B0.075.075e	0.0	0.75	0.75	0.75	0.375	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62	G9B0.075.075e	0.0	0.75	0.75	0.75	0.375	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
63	G9B0.075.075e	0.0	0.75	0.75	0.75	0.375	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
64	G9B0.075.075e	0.0	0.75	0.75	0.75	0.375	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65	G9B0.075.075e	0.0	0.75	0.75	0.75	0.375	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
66	G9B0.075.075e	0.0	0.75	0.75	0.75	0.375	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67	G9B0.075.075e	0.0	0.75	0.75	0.75	0.375	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
68	G9B0.075.075e	0.0	0.75	0.75	0.75	0.375	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
69	G9B0.075.075e	0.0	0.75	0.75	0.75	0.375	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70	G9B0.075.075e	0.0	0.75	0.75	0.75	0.375	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
71	G9B0.075.075e	0.0	0.75	0.75	0.75	0.375	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72	G9B0.075.075e	0.0	0.75	0.75	0.75	0.375	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
73	G9B0.075.075e	0.0	0.75	0.75	0.75	0.375	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
74	G9B0.075.075e	0.0	0.75	0.75	0.75	0.375	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75	G9B0.075.075e	0.0	0.75	0.75	0.75	0.375	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
76	G9B0.075.075e	0.0	0.75	0.75	0.75	0.375	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77	G9B0.075.075e	0.0	0.75	0.75	0.75	0.375	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
78	G9B0.075.075e	0.0	0.75	0.75	0.75	0.375	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
79	G9B0.075.075e	0.0	0.75	0.75	0.75	0.375	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80	G9B0.075.075e	0.0	0.75	0.75	0.75	0.375	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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

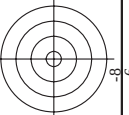
graphique TUB-PF89; cercle de teinte, 16 étapes



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

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

<i>n</i>	<i>HIC</i> * <i>F₁</i>	<i>rgb</i> * <i>F₁</i>	<i>lcr</i> * <i>F₁</i>	<i>h₂</i> * <i>F₁</i>	<i>rgb</i> * <i>F₂</i>	<i>LabCh</i> * <i>F₁</i>	<i>cmv₁</i> * <i>exp</i> * <i>F₁</i>	<i>h₂</i> * <i>Δ₁</i>	<i>rgb</i> * <i>Δ₁</i>	<i>LabCh</i> * <i>Δ₁</i>	<i>h₂</i> * <i>Δ₂</i>	<i>cmv₁</i> * <i>exp</i> * <i>Δ₂</i>	<i>h₂</i> * <i>Δ₃</i>	<i>rgb</i> * <i>Δ₃</i>	<i>LabCh</i> * <i>Δ₃</i>	<i>h₂</i> * <i>Δ₄</i>	<i>cmv₁</i> * <i>exp</i> * <i>Δ₄</i>	<i>h₂</i> * <i>Δ₅</i>	<i>rgb</i> * <i>Δ₅</i>	<i>LabCh</i> * <i>Δ₅</i>	<i>h₂</i> * <i>Δ₆</i>	<i>cmv₁</i> * <i>exp</i> * <i>Δ₆</i>	<i>h₂</i> * <i>Δ₇</i>	<i>rgb</i> * <i>Δ₇</i>	<i>LabCh</i> * <i>Δ₇</i>	<i>h₂</i> * <i>Δ₈</i>	<i>cmv₁</i> * <i>exp</i> * <i>Δ₈</i>	<i>h₂</i> * <i>Δ₉</i>	<i>rgb</i> * <i>Δ₉</i>	<i>LabCh</i> * <i>Δ₉</i>	<i>h₂</i> * <i>Δ₁₀</i>	<i>cmv₁</i> * <i>exp</i> * <i>Δ₁₀</i>	<i>h₂</i> * <i>Δ₁₁</i>	<i>rgb</i> * <i>Δ₁₁</i>	<i>LabCh</i> * <i>Δ₁₁</i>	<i>h₂</i> * <i>Δ₁₂</i>	<i>cmv₁</i> * <i>exp</i> * <i>Δ₁₂</i>	<i>h₂</i> * <i>Δ₁₃</i>	<i>rgb</i> * <i>Δ₁₃</i>	<i>LabCh</i> * <i>Δ₁₃</i>	<i>h₂</i> * <i>Δ₁₄</i>	<i>cmv₁</i> * <i>exp</i> * <i>Δ₁₄</i>	<i>h₂</i> * <i>Δ₁₅</i>	<i>rgb</i> * <i>Δ₁₅</i>	<i>LabCh</i> * <i>Δ₁₅</i>	<i>h₂</i> * <i>Δ₁₆</i>	<i>cmv₁</i> * <i>exp</i> * <i>Δ₁₆</i>	<i>h₂</i> * <i>Δ₁₇</i>	<i>rgb</i> * <i>Δ₁₇</i>	<i>LabCh</i> * <i>Δ₁₇</i>	<i>h₂</i> * <i>Δ₁₈</i>	<i>cmv₁</i> * <i>exp</i> * <i>Δ₁₈</i>	<i>h₂</i> * <i>Δ₁₉</i>	<i>rgb</i> * <i>Δ₁₉</i>	<i>LabCh</i> * <i>Δ₁₉</i>	<i>h₂</i> * <i>Δ₂₀</i>	<i>cmv₁</i> * <i>exp</i> * <i>Δ₂₀</i>	<i>h₂</i> * <i>Δ₂₁</i>	<i>rgb</i> * <i>Δ₂₁</i>	<i>LabCh</i> * <i>Δ₂₁</i>	<i>h₂</i> * <i>Δ₂₂</i>	<i>cmv₁</i> * <i>exp</i> * <i>Δ₂₂</i>	<i>h₂</i> * <i>Δ₂₃</i>	<i>rgb</i> * <i>Δ₂₃</i>	<i>LabCh</i> * <i>Δ₂₃</i>	<i>h₂</i> * <i>Δ₂₄</i>	<i>cmv₁</i> * <i>exp</i> * <i>Δ₂₄</i>	<i>h₂</i> * <i>Δ₂₅</i>	<i>rgb</i> * <i>Δ₂₅</i>	<i>LabCh</i> * <i>Δ₂₅</i>	<i>h₂</i> * <i>Δ₂₆</i>	<i>cmv₁</i> * <i>exp</i> * <i>Δ₂₆</i>	<i>h₂</i> * <i>Δ₂₇</i>	<i>rgb</i> * <i>Δ₂₇</i>	<i>LabCh</i> * <i>Δ₂₇</i>	<i>h₂</i> * <i>Δ₂₈</i>	<i>cmv₁</i> * <i>exp</i> * <i>Δ₂₈</i>	<i>h₂</i> * <i>Δ₂₉</i>	<i>rgb</i> * <i>Δ₂₉</i>	<i>LabCh</i> * <i>Δ₂₉</i>	<i>h₂</i> * <i>Δ₃₀</i>	<i>cmv₁</i> * <i>exp</i> * <i>Δ₃₀</i>	<i>h₂</i> * <i>Δ₃₁</i>	<i>rgb</i> * <i>Δ₃₁</i>	<i>LabCh</i> * <i>Δ₃₁</i>	<i>h₂</i> * <i>Δ₃₂</i>	<i>cmv₁</i> * <i>exp</i> * <i>Δ₃₂</i>	<i>h₂</i> * <i>Δ₃₃</i>	<i>rgb</i> * <i>Δ₃₃</i>	<i>LabCh</i> * <i>Δ₃₃</i>	<i>h₂</i> * <i>Δ₃₄</i>	<i>cmv₁</i> * <i>exp</i> * <i>Δ₃₄</i>	<i>h₂</i> * <i>Δ₃₅</i>	<i>rgb</i> * <i>Δ₃₅</i>	<i>LabCh</i> * <i>Δ₃₅</i>	<i>h₂</i> * <i>Δ₃₆</i>	<i>cmv₁</i> * <i>exp</i> * <i>Δ₃₆</i>	<i>h₂</i> * <i>Δ₃₇</i>	<i>rgb</i> * <i>Δ₃₇</i>	<i>LabCh</i> * <i>Δ₃₇</i>	<i>h₂</i> * <i>Δ₃₈</i>	<i>cmv₁</i> * <i>exp</i> * <i>Δ₃₈</i>	<i>h₂</i> * <i>Δ₃₉</i>	<i>rgb</i> * <i>Δ₃₉</i>	<i>LabCh</i> * <i>Δ₃₉</i>	<i>h₂</i> * <i>Δ₄₀</i>	<i>cmv₁</i> * <i>exp</i> * <i>Δ₄₀</i>	<i>h₂</i> * <i>Δ₄₁</i>	<i>rgb</i> * <i>Δ₄₁</i>	<i>LabCh</i> * <i>Δ₄₁</i>	<i>h₂</i> * <i>Δ₄₂</i>	<i>cmv₁</i> * <i>exp</i> * <i>Δ₄₂</i>	<i>h₂</i> * <i>Δ₄₃</i>	<i>rgb</i> * <i>Δ₄₃</i>	<i>LabCh</i> * <i>Δ₄₃</i>	<i>h₂</i> * <i>Δ₄₄</i>	<i>cmv₁</i> * <i>exp</i> * <i>Δ₄₄</i>	<i>h₂</i> * <i>Δ₄₅</i>	<i>rgb</i> * <i>Δ₄₅</i>	<i>LabCh</i> * <i>Δ₄₅</i>	<i>h₂</i> * <i>Δ₄₆</i>	<i>cmv₁</i> * <i>exp</i> * <i>Δ₄₆</i>	<i>h₂</i> * <i>Δ₄₇</i>	<i>rgb</i> * <i>Δ₄₇</i>	<i>LabCh</i> * <i>Δ₄₇</i>	<i>h₂</i> * <i>Δ₄₈</i>	<i>cmv₁</i> * <i>exp</i> * <i>Δ₄₈</i>	<i>h₂</i> * <i>Δ₄₉</i>	<i>rgb</i> * <i>Δ₄₉</i>	<i>LabCh</i> * <i>Δ₄₉</i>	<i>h₂</i> * <i>Δ₅₀</i>	<i>cmv₁</i> * <i>exp</i> * <i>Δ₅₀</i>	<i>h₂</i> * <i>Δ₅₁</i>	<i>rgb</i> * <i>Δ₅₁</i>	<i>LabCh</i> * <i>Δ₅₁</i>	<i>h₂</i> * <i>Δ₅₂</i>	<i>cmv₁</i> * <i>exp</i> * <i>Δ₅₂</i>	<i>h₂</i> * <i>Δ₅₃</i>	<i>rgb</i> * <i>Δ₅₃</i>	<i>LabCh</i> * <i>Δ₅₃</i>	<i>h₂</i> * <i>Δ₅₄</i>
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TUB matériel: code=rha4ta
 aration cmyn6* (CMYK)

graphique TUB-PF89; cercle de teinte, 16 étapes
couleurs et différences ΔE^*

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

<i>n</i>	HIC* <i>F₁₀</i>	<i>rgb₁₀</i> * <i>F₁₀</i>	<i>lcr₁₀</i> * <i>F₁₀</i>	<i>h₁₀</i> * <i>F₁₀</i>	<i>rgb₁₀</i> * <i>F₁₀</i>	<i>LabCH₁₀</i> * <i>F₁₀</i>	<i>cmym₁₀</i> * <i>sup₁₀</i> * <i>F₁₀</i>	<i>h₁₀</i> * <i>Δ₁₀</i>	<i>rgb₁₀</i> * <i>Δ₁₀</i>	<i>LabCH₁₀</i> * <i>Δ₁₀</i>	<i>delta</i>	
405	R00Y_062_062Δ ₁₀	0.625 0.0	0.625 0.0	0.625 0.312	390	38.6	35.0	0.842	0.612	0.41	26.7	62.1
406	R00Y_062_062Δ ₁₀	0.625 0.0	0.125 0.0	0.625 0.312	379	36.0	16.5	0.836	0.466	0.409	13.7	59.9
407	R11Y_062_062Δ ₁₀	0.625 0.0	0.25 0.0	0.625 0.312	367	0.625 0.0	0.829 0.312	0.829	0.312	0.41	-0.1	66.6
408	B69R_062_062Δ ₁₀	0.625 0.0	0.375 0.0	0.625 0.312	353	0.625 0.0	0.812 0.157	0.812	0.157	0.42	-11.1	62.9
409	B59R_062_062Δ ₁₀	0.625 0.0	0.5 0.0	0.625 0.312	341	0.625 0.0	0.794 0.0	0.794	0.0	0.549	-21.2	59.3
410	B50R_062_062Δ ₁₀	0.625 0.0	0.625 0.0	0.625 0.312	330	0.625 0.0	0.781 0.0	0.781	0.0	0.543	-28.5	54.7
411	B42R_075_075Δ ₁₀	0.625 0.0	0.75 0.0	0.625 0.312	321	0.625 0.0	0.794 0.0	0.794	0.0	0.543	-33.5	52.3
412	B36R_087_087Δ ₁₀	0.625 0.0	0.875 0.0	0.625 0.312	314	0.625 0.0	0.794 0.0	0.794	0.0	0.543	-37.0	51.0
413	B31R_100_100Δ ₁₀	0.625 0.0	1.0 0.0	0.625 0.312	308	0.625 0.0	0.794 0.0	0.794	0.0	0.543	-39.4	49.8
414	R18Y_062_062Δ ₁₀	0.625 0.125 0.0	0.625 0.125 0.0	0.625 0.312	41	0.625 0.038 0.0	0.83 0.803	0.803	0.373	0.373	43.3	70.8
415	R00Y_062_050Δ ₁₀	0.625 0.125 0.0	0.625 0.125 0.0	0.625 0.312	390	0.625 0.125 0.256 44.7	0.705 0.503	0.503	0.387	0.387	56.0	62.1
416	R26Y_062_050Δ ₁₀	0.625 0.125 0.0	0.625 0.125 0.0	0.625 0.312	376	0.625 0.125 0.256 44.7	0.689 0.363	0.363	0.399	0.399	10.2	59.9
417	R00Y_062_050Δ ₁₀	0.625 0.125 0.0	0.625 0.125 0.0	0.625 0.312	360	0.625 0.125 0.256 44.7	0.669 0.182	0.182	0.409	0.409	65.5	-9.1
418	B61R_062_050Δ ₁₀	0.625 0.125 0.0	0.625 0.125 0.0	0.625 0.312	344	0.625 0.125 0.256 44.7	0.611 0.038	0.038	0.507	0.507	-19.0	61.2
419	B50R_062_050Δ ₁₀	0.625 0.125 0.0	0.625 0.125 0.0	0.625 0.312	330	0.625 0.125 0.256 44.7	0.595 0.0	0.595	0.541	0.541	-38.5	54.7
420	B40R_075_062Δ ₁₀	0.625 0.125 0.0	0.75 0.0	0.625 0.312	319	0.625 0.125 0.256 44.7	0.681 0.0	0.681	0.421	0.421	-34.6	51.9
421	B34R_087_075Δ ₁₀	0.625 0.125 0.0	0.875 0.0	0.625 0.312	311	0.625 0.125 0.256 44.7	0.772 0.0	0.772	0.307	0.307	-38.2	50.4
422	B29R_087_075Δ ₁₀	0.625 0.125 0.0	1.0 0.0	0.625 0.312	305	0.625 0.125 0.256 44.7	0.772 0.0	0.772	0.282	0.282	-40.4	49.3
423	R38Y_062_062Δ ₁₀	0.625 0.25 0.0	0.625 0.25 0.0	0.625 0.312	53	0.625 0.179 0.125 46.6	0.685 0.841	0.841	0.358	0.358	54.4	69.9
424	R23Y_062_050Δ ₁₀	0.625 0.25 0.0	0.625 0.25 0.0	0.625 0.312	44	0.625 0.179 0.125 46.6	0.701 0.656	0.656	0.344	0.344	47.7	72.6
425	R00Y_062_037Δ ₁₀	0.625 0.25 0.0	0.625 0.25 0.0	0.625 0.312	390	0.625 0.25 0.348 50.7	0.552 0.402	0.402	0.385	0.385	26.7	62.1
426	R18Y_062_037Δ ₁₀	0.625 0.25 0.0	0.625 0.25 0.0	0.6								

n	HC*File	rgb*File	icL*File	hsa*File	rgb*File	LabCh*File	cmyk*sep*File	delta	hsa*de	rgb*de	LabCh*de
486	R00Y.075.075de	0.75	0.0	0.75	0.75	41.6	0.0	0.884	0.66	0.266	375
487	R35Y.075.075de	0.75	0.125	0.75	0.75	41.6	0.0	0.882	0.516	0.264	365
488	R18Y.075.075de	0.75	0.25	0.75	0.75	41.6	0.0	0.882	0.364	0.264	354
489	R00Y.075.075de	0.75	0.375	0.75	0.75	41.6	0.0	0.882	0.212	0.264	339
490	B65R.075.075de	0.75	0.0	0.75	0.75	41.6	0.0	0.882	0.059	0.264	314
491	B57R.075.075de	0.75	0.0625	0.75	0.75	41.6	0.0	0.882	0.047	0.264	314
492	B50R.075.075de	0.75	0.125	0.75	0.75	41.6	0.0	0.882	0.035	0.264	314
493	B43R.075.075de	0.75	0.1875	0.75	0.75	41.6	0.0	0.882	0.023	0.264	314
494	B38R.100.100de	0.75	0.0	1.0	0.5	33.5	0.0	0.873	0.0	0.278	289
495	R15Y.075.075de	0.75	0.125	0.75	0.75	41.6	0.0	0.873	0.855	0.25	31
496	R00Y.075.075de	0.75	0.25	0.75	0.75	41.6	0.0	0.873	0.703	0.25	31
497	R31Y.075.075de	0.75	0.375	0.75	0.75	41.6	0.0	0.873	0.551	0.25	31
498	B69R.075.075de	0.75	0.0	0.75	0.75	41.6	0.0	0.873	0.400	0.25	31
499	B60R.075.075de	0.75	0.125	0.75	0.75	41.6	0.0	0.873	0.248	0.25	31
500	B59R.075.075de	0.75	0.25	0.75	0.75	41.6	0.0	0.873	0.096	0.25	31
501	B50R.075.075de	0.75	0.375	0.75	0.75	41.6	0.0	0.873	0.084	0.25	31
502	B42R.087.075de	0.75	0.0	0.75	0.75	41.6	0.0	0.873	0.072	0.25	31
503	B36R.100.087de	0.75	0.125	1.0	0.875	56.2	0.0	0.873	0.060	0.25	31
504	R18Y.075.075de	0.75	0.25	0.75	0.75	41.6	0.0	0.873	0.048	0.25	31
505	R00Y.075.075de	0.75	0.375	0.75	0.75	41.6	0.0	0.873	0.036	0.25	31
506	R26Y.075.090de	0.75	0.0625	0.75	0.75	41.6	0.0	0.873	0.024	0.25	31
507	R26Y.075.090de	0.75	0.125	0.75	0.75	41.6	0.0	0.873	0.012	0.25	31
508	B61R.075.090de	0.75	0.0	0.75	0.75	41.6	0.0	0.873	0.001	0.25	31
509	B50R.075.090de	0.75	0.0625	0.75	0.75	41.6	0.0	0.873	0.000	0.25	31
510	B38R.100.075de	0.75	0.0	1.0	0.5	33.5	0.0	0.865	0.0	0.263	31
511	B38R.100.075de	0.75	0.125	1.0	0.875	56.2	0.0	0.865	0.0	0.263	31
512	B30Y.075.075de	0.75	0.25	0.75	0.75	41.6	0.0	0.865	0.0	0.263	31
513	B30Y.075.075de	0.75	0.375	0.75	0.75	41.6	0.0	0.865	0.0	0.263	31
514	R38Y.075.062de	0.75	0.0625	0.75	0.75	41.6	0.0	0.865	0.0	0.263	31
515	R23Y.075.062de	0.75	0.125	0.75	0.75	41.6	0.0	0.865	0.0	0.263	31
516	R00Y.075.075de	0.75	0.25	0.75	0.75	41.6	0.0	0.865	0.0	0.263	31
517	R18Y.075.075de	0.75	0.375	0.75	0.75	41.6	0.0	0.865	0.0	0.263	31
518	B65R.075.075de	0.75	0.0	0.75	0.75	41.6	0.0	0.865	0.0	0.263	31
519	B50R.075.075de	0.75	0.0625	0.75	0.75	41.6	0.0	0.865	0.0	0.263	31
520	B38R.100.062de	0.75	0.0	1.0	0.625	30.7	0.0	0.865	0.0	0.263	31
521	R68Y.075.075de	0.75	0.0	0.75	0.75	41.6	0.0	0.865	0.0	0.263	31
522	R61Y.075.062de	0.75	0.0625	0.75	0.75	41.6	0.0	0.865	0.0	0.263	31
523	R50Y.075.050de	0.75	0.125	0.75	0.75	41.6	0.0	0.865	0.0	0.263	31
524	R31Y.075.037de	0.75	0.25	0.75	0.75	41.6	0.0	0.865	0.0	0.263	31
525	R00Y.075.025de	0.75	0.375	0.75	0.75	41.6	0.0	0.865	0.0	0.263	31
526	R00Y.075.025de	0.75	0.5	0.75	0.75	41.6	0.0	0.865	0.0	0.263	31
527	R00Y.075.025de	0.75	0.625	0.75	0.75	41.6	0.0	0.865	0.0	0.263	31
528	B50R.075.025de	0.75	0.0625	0.75	0.75	41.6	0.0	0.865	0.0	0.263	31
529	B34R.087.037de	0.75	0.0	0.75	0.75	41.6	0.0	0.865	0.0	0.263	31
530	B23R.100.050de	0.75	0.0	1.0	0.5	33.5	0.0	0.865	0.0	0.263	31
531	R85Y.075.075de	0.75	0.0	0.75	0.75	41.6	0.0	0.865	0.0	0.263	31
532	R81Y.075.062de	0.75	0.0625	0.75	0.75	41.6	0.0	0.865	0.0	0.263	31
533	R76Y.075.050de	0.75	0.125	0.75	0.75	41.6	0.0	0.865	0.0	0.263	31
534	R68Y.075.037de	0.75	0.25	0.75	0.75	41.6	0.0	0.865	0.0	0.263	31
535	R00Y.075.025de	0.75	0.375	0.75	0.75	41.6	0.0	0.865	0.0	0.263	31
536	R00Y.075.025de	0.75	0.5	0.75	0.75	41.6	0.0	0.865	0.0	0.263	31
537	B50R.075.012de	0.75	0.0625	0.75	0.75	41.6	0.0	0.865	0.0	0.263	31
538	B38R.100.012de	0.75	0.0	1.0	0.375	30.7	0.0	0.865	0.0	0.263	31
539	B13R.100.037de	0.75	0.0	1.0	0.375	30.7	0.0	0.865	0.0	0.263	31
540	Y00G.075.062de	0.75	0.0625	0.75	0.75	41.6	0.0	0.865	0.0	0.263	31
541	Y00G.075.062de	0.75	0.125	0.75	0.75	41.6	0.0	0.865	0.0	0.263	31
542	Y00G.075.062de	0.75	0.1875	0.75	0.75	41.6	0.0	0.865	0.0	0.263	31
543	Y00G.075.062de	0.75	0.25	0.75	0.75	41.6	0.0	0.865	0.0	0.263	31
544	Y00G.075.062de	0.75	0.3125	0.75	0.75	41.6	0.0	0.865	0.0	0.263	31
545	Y00G.075.062de	0.75	0.375	0.75	0.75	41.6	0.0	0.865	0.0	0.263	31
546	Y00G.075.062de	0.75	0.4375	0.75	0.75	41.6	0.0	0.865	0.0	0.263	31
547	Y00G.075.062de	0.75	0.5	0.75	0.75	41.6	0.0	0.865	0.0	0.263	31
548	Y00G.075.062de	0.75	0.5625	0.75	0.75	41.6	0.0	0.865	0.0	0.263	31
549	Y00G.075.062de	0.75	0.625	0.75	0.75	41.6	0.0	0.865	0.0	0.263	31
550	Y00G.075.062de	0.75	0.6875	0.75	0.75	41.6	0.0	0.865	0.0	0.263	31
551	Y00G.075.062de	0.75	0.75	0.75	0.75	41.6	0.0	0.865	0.0	0.263	31
552	Y00G.075.062de	0.75	0.8125	0.75	0.75	41.6	0.0	0.865	0.0	0.263	31
553	Y00G.075.062de	0.75	0.875	0.75	0.75	41.6	0.0	0.865	0.0	0.263	31
554	Y00G.075.062de	0.75	0.9375	0.75	0.75	41.6	0.0	0.865	0.0	0.263	31
555	Y00G.075.062de	0.75	1.0	0.75	0.75	41.6	0.0	0.865	0.0	0.263	31
556	Y00G.075.062de	0.75	1.0625	0.75	0.75	41.6	0.0	0.865	0.0	0.263	31
557	Y00G.075.062de	0.75	1.125	0.75	0.75	41.6	0.0	0.865	0.0	0.263	31
558	Y00G.075.062de	0.75	1.1875	0.75	0.75	41.6	0.0	0.865	0.0	0.263	31
559	Y00G.075.062de	0.75	1.25	0.75	0.75	41.6	0.0	0.865	0.0	0.263	31
560	Y00G.075.062de	0.75	1.3125	0.75	0.75	41.6	0.0	0.865	0.0	0.263	31
561	Y00G.075.062de	0.75	1.375	0.75	0.75	41.6	0.0	0.865	0.0	0.263	31
562	Y00G.075.062de	0.75	1.4375	0.75	0.75	41.6	0.0	0.865	0.0	0.263	31
563	Y00G.075.062de	0.75	1.5	0.75	0.75	41.6	0.0	0.865	0.0	0.263	31
564	Y00G.075.062de	0.75	1.5625	0.75	0.75	41.6	0.0	0.865	0.0	0.263	31
565	Y00G.075.062de	0.75	1.625	0.75	0.75	41.6	0.0	0.865	0.0	0.263	31
566	Y00G.075.062de	0.75	1.6875	0.75	0.75	41.6	0.0	0.865	0.0	0.263	31

n	HC*File	rgb*File	ic*File	hsa*File	rgb*File	LabCh*File	cmyk*sepFile	delta	delta
567	R00Y.087.087de	0.875 0.0 0.125	0.875 0.875 0.437	390	0.875 0.0 0.23	44.5 49.0	0.0 0.928	0.7	0.147
568	R36Y.087.087de	0.875 0.0 0.125	0.875 0.875 0.437	382	0.875 0.0 0.357	44.5 50.0	0.0 0.927	0.568	0.148
569	R23Y.087.087de	0.875 0.0 0.25	0.875 0.875 0.437	374	0.875 0.0 0.608	44.5 52.4	0.0 0.903	0.446	0.148
570	R70K.087.087de	0.875 0.0 0.375	0.875 0.875 0.437	365	0.875 0.0 0.608	45.6 55.4	0.0 0.905	0.289	0.151
571	B70K.087.087de	0.875 0.0 0.5	0.875 0.875 0.437	355	0.875 0.0 0.716	46.2 57.2	0.0 0.903	0.196	0.149
572	B63K.087.087de	0.875 0.0 0.625	0.875 0.875 0.437	346	0.875 0.0 0.875	46.2 57.2	0.0 0.903	0.004	0.25
573	B56K.087.087de	0.875 0.0 0.75	0.875 0.875 0.437	338	0.875 0.0 0.875	46.2 57.2	0.0 0.903	0.004	0.25
574	B50K.087.087de	0.875 0.0 0.875	0.875 0.875 0.437	330	0.875 0.0 0.875	46.2 57.2	0.0 0.903	0.004	0.25
575	B44K.100.100de	0.875 0.0 1.0	0.875 0.875 0.437	323	0.875 0.0 1.0	46.2 57.2	0.0 0.903	0.004	0.25
576	R13Y.087.087de	0.875 0.125 0.125	0.875 0.875 0.437	316	0.875 0.011 0.0	45.0 49.8	0.0 0.93	0.141	0.141
577	R00Y.087.075de	0.875 0.125 0.125	0.875 0.875 0.5	309	0.875 0.125 0.322	50.6 42.0	0.0 0.774	0.527	0.16
578	R33Y.087.075de	0.875 0.125 0.25	0.875 0.875 0.5	301	0.875 0.125 0.442	50.6 42.0	0.0 0.774	0.416	0.167
579	R18Y.087.075de	0.875 0.125 0.375	0.875 0.875 0.5	293	0.875 0.125 0.566	50.6 42.0	0.0 0.769	0.298	0.17
580	R00Y.087.075de	0.875 0.125 0.5	0.875 0.875 0.5	286	0.875 0.125 0.745	52.0 49.1	0.0 0.764	0.163	0.163
581	B65K.087.075de	0.875 0.125 0.625	0.875 0.875 0.5	279	0.875 0.125 0.875	52.0 49.1	0.0 0.756	0.054	0.215
582	B57K.087.075de	0.875 0.125 0.75	0.875 0.875 0.5	272	0.875 0.125 0.875	52.0 49.1	0.0 0.756	0.054	0.215
583	B43K.100.075de	0.875 0.125 0.875	0.875 0.875 0.5	265	0.875 0.125 0.875	52.0 49.1	0.0 0.756	0.054	0.215
584	B36K.100.075de	0.875 0.125 1.0	0.875 0.875 0.562	258	0.875 0.125 1.0	43.2 35.0	0.0 0.756	0.054	0.215
585	R15Y.087.075de	0.875 0.25 0.0	0.875 0.875 0.437	251	0.875 0.12 0.0	49.0 46.4	0.0 0.719	0.929	0.156
586	R15Y.087.075de	0.875 0.25 0.125	0.875 0.875 0.437	244	0.875 0.125 0.125	51.4 42.0	0.0 0.719	0.819	0.156
587	R00Y.087.062de	0.875 0.25 0.25	0.875 0.875 0.562	237	0.875 0.25 0.125	51.4 42.0	0.0 0.719	0.693	0.141
588	R31Y.087.062de	0.875 0.25 0.375	0.875 0.875 0.562	230	0.875 0.25 0.354	56.7 36.4	0.0 0.667	0.446	0.144
589	B09K.087.062de	0.875 0.25 0.5	0.875 0.875 0.562	223	0.875 0.25 0.662	57.1 39.1	0.0 0.664	0.224	0.154
590	B09K.087.062de	0.875 0.25 0.625	0.875 0.875 0.562	216	0.875 0.25 0.812	57.1 39.1	0.0 0.657	0.12	0.156
591	B39K.087.062de	0.875 0.25 0.75	0.875 0.875 0.562	209	0.875 0.25 0.875	57.1 39.1	0.0 0.657	0.00	0.156
592	B43K.100.075de	0.875 0.25 0.875	0.875 0.875 0.562	202	0.875 0.25 0.875	57.1 39.1	0.0 0.657	0.00	0.156
593	B43K.100.075de	0.875 0.25 1.0	0.875 0.875 0.562	195	0.875 0.25 0.875	57.1 39.1	0.0 0.657	0.00	0.156
594	R13Y.087.075de	0.875 0.375 0.0	0.875 0.875 0.437	188	0.875 0.253 0.0	54.2 36.1	0.0 0.711	0.936	0.154
595	R13Y.087.075de	0.875 0.375 0.125	0.875 0.875 0.437	181	0.875 0.257 0.125	55.9 36.8	0.0 0.711	0.816	0.154
596	R18Y.087.075de	0.875 0.375 0.25	0.875 0.875 0.562	174	0.875 0.288 0.25	58.0 35.0	0.0 0.679	0.582	0.137
597	R26Y.087.050de	0.875 0.375 0.375	0.875 0.875 0.625	167	0.875 0.375 0.506	62.7 28.0	0.0 0.562	0.381	0.104
598	R26Y.087.050de	0.875 0.375 0.5	0.875 0.875 0.625	160	0.875 0.375 0.625	63.8 29.7	0.0 0.531	0.261	0.142
599	B61K.087.050de	0.875 0.375 0.625	0.875 0.875 0.625	153	0.875 0.375 0.788	63.8 29.7	0.0 0.531	0.133	0.143
600	B61K.087.050de	0.875 0.375 0.75	0.875 0.875 0.625	146	0.876 0.375 0.875	61.0 29.1	0.0 0.493	0.021	0.23
601	B40K.100.062de	0.875 0.375 1.0	0.875 0.875 0.625	139	0.876 0.375 0.875	58.1 23.3	0.0 0.494	0.00	0.246
602	R58Y.087.075de	0.875 0.5 0.0	0.875 0.875 0.437	132	0.875 0.336 0.0	59.9 25.4	0.0 0.528	0.28	0.154
603	R58Y.087.075de	0.875 0.5 0.125	0.875 0.875 0.437	125	0.875 0.336 0.125	59.9 25.4	0.0 0.528	0.154	0.154
604	R58Y.087.075de	0.875 0.5 0.25	0.875 0.875 0.437	118	0.875 0.336 0.25	59.9 25.4	0.0 0.528	0.154	0.154
605	R23Y.087.050de	0.875 0.5 0.375	0.875 0.875 0.625	111	0.875 0.393 0.375	61.3 26.4	0.0 0.578	0.783	0.12
606	R23Y.087.050de	0.875 0.5 0.5	0.875 0.875 0.625	104	0.875 0.429 0.375	64.6 27.4	0.0 0.563	0.65	0.095
607	R00Y.087.037de	0.875 0.5 0.625	0.875 0.875 0.687	97	0.875 0.429 0.375	64.6 27.4	0.0 0.563	0.084	0.084
608	R18Y.087.037de	0.875 0.5 0.75	0.875 0.875 0.687	90	0.875 0.5 0.72	68.8 22.9	0.0 0.433	0.28	0.129
609	B65K.087.037de	0.875 0.5 0.875	0.875 0.875 0.687	83	0.875 0.5 0.875	68.8 22.9	0.0 0.433	0.18	0.144
610	B50K.087.037de	0.875 0.5 0.875	0.875 0.875 0.687	76	0.875 0.5 0.875	68.8 22.9	0.0 0.433	0.18	0.144
611	B38K.100.050de	0.875 0.5 1.0	0.875 0.875 0.687	69	0.875 0.5 0.875	68.8 22.9	0.0 0.433	0.18	0.144
612	R73Y.087.075de	0.875 0.625 0.0	0.875 0.875 0.437	62	0.875 0.447 0.0	65.3 17.5	0.0 0.395	0.174	0.144
613	R88Y.087.075de	0.875 0.625 0.125	0.875 0.875 0.5	55	0.875 0.475 0.125	66.6 16.6	0.0 0.342	0.254	0.157
614	R61Y.087.062de	0.875 0.625 0.25	0.875 0.875 0.562	48	0.875 0.507 0.25	68.4 16.7	0.0 0.459	0.157	0.157
615	R61Y.087.062de	0.875 0.625 0.375	0.875 0.875 0.562	41	0.875 0.534 0.375	69.8 17.6	0.0 0.449	0.066	0.1
616	R13Y.087.037de	0.875 0.625 0.5	0.875 0.875 0.687	34	0.875 0.566 0.5	71.3 14.4	0.0 0.436	0.088	0.088
617	R00Y.087.025de	0.875 0.625 0.625	0.875 0.875 0.75	27	0.875 0.625 0.69	74.7 14.0	0.0 0.423	0.00	0.127
618	R50K.087.025de	0.875 0.625 0.75	0.875 0.875 0.75	20	0.875 0.625 0.831	75.2 11.6	0.0 0.392	0.201	0.127
619	R50K.087.025de	0.875 0.625 0.875	0.875 0.875 0.75	13	0.875 0.625 0.875	75.2 11.6	0.0 0.392	0.085	0.134
620	R34K.100.037de	0.875 0.625 1.0	0.875 0.875 0.812	6	0.875 0.625 1.0	71.8 12.3	0.0 0.289	0.00	0.127
621	R86Y.087.075de	0.875 0.75 0.0	0.875 0.875 0.437	31	0.875 0.573 0.0	70.2 7.3	0.0 0.301	0.143	0.164
622	R83Y.087.075de	0.875 0.75 0.125	0.875 0.875 0.437	24	0.875 0.573 0.125	70.2 7.3	0.0 0.301	0.143	0.164
623	R83Y.087.075de	0.875 0.75 0.25	0.875 0.875 0.437	17	0.875 0.573 0.25	70.2 7.3	0.0 0.301	0.143	0.164
624	R83Y.087.075de	0.875 0.75 0.375	0.875 0.875 0.437	10	0.875 0.573 0.375	70.2 7.3	0.0 0.301	0.143	0.164
625	R83Y.087.075de	0.875 0.75 0.5	0.875 0.875 0.437	3	0.875 0.573 0.5	70.2 7.3	0.0 0.301	0.143	0.164
626	R50Y.087.037de	0.875 0.75 0.625	0.875 0.875 0.687	71	0.875 0.625 0.625	75.2 11.6	0.0 0.284	0.107	0.107
627	R00Y.087.012de	0.875 0.75 0.75	0.875 0.875 0.75	60	0.875 0.704 0.625	78.3 8.8	0.0 0.251	0.272	0.107
628	B50K.087.012de	0.875 0.75 0.875	0.875 0.875 0.75	53	0.875 0.75 0.75	78.3 8.8	0.0 0.251	0.196	0.136
629	B25K.100.025de	0.875 0.75 1.0	0.875 0.875 0.75	46	0.875 0.75 0.75	78.3 8.8	0.0 0.251	0.196	0.136
630	Y00C.087.075de	0.875 0.875 0.0	0.875 0.875 0.437	39	0.875 0.75 0.0	79.7 6.1	0.0 0.161	0.121	0.139
631	Y00C.087.075de	0.875 0.875 0.125	0.875 0.875 0.437	32	0.875 0.75 0.125	79.7 6.1	0.0 0.161	0.121	0.139
632	Y00C.087.075de	0.875 0.875 0.25	0.875 0.875 0.437	25	0.875 0.75 0.25	79.7 6.1	0.0 0.161	0.121	0.139
633	Y00C.087.075de	0.875 0.875 0.375	0.875 0.875 0.437	18	0.875 0.75 0.375	79.7 6.1	0.0 0.161	0.121	0.139
634	Y00C.087.075de	0.875 0.875 0.5	0.875 0.875 0.437	11	0.875 0.75 0.5	79.7 6.1	0.0 0.161	0.121	0.139
635	Y00C.087.075de	0.875 0.875 0.625	0.875 0.875 0.437	4	0.875 0.75 0.625	79.7 6.1	0.0 0.161	0.121	0.139
636	Y00C.087.075de	0.875 0.875 0.75	0.875 0.875 0.437	-3	0.875 0.75 0.75	79.7 6.1	0.0 0.161	0.121	0.139
637	NW.087de	0.875 0.875 0.875	0.875 0.875 0.75	360	0.875 0.875 0.875	86.8 0.0	0.0 0.017	0.018	0.018
638	B00K.100.012de	0.875 0.875 1.0	0.875 0.875 0.75	270	0.875 0.875 0.875	86.8 0.0	0.0 0.017	0.018	0.018
639	Y13C.100.087de	0.875 1.0 0.0	0.875 0.875 0.562	98	0.875 1.0 0.0	91.4 -15.5	0.0 0.0	0.0	0.0
640	Y13C.100.087de	0.875 1.0 0.125	0.875 0.875 0.562	91	0.875 1.0 0.125	93.0 -16.0	0.0 0.0	0.0	0.0
641	Y18C.100.075de	0.875 1.0 0.25	0.875 0.875 0.562	84	0.875 1.0 0.25	92.4 -14.9	0.0 0.0	0.0	0.0
642	Y18C.100.062de	0.875 1.0 0.375	0.875 0.875 0.562	77	0.875 1.0 0.375	91.5 -14.2	0.0 0.0	0.0	0.0
643	Y23C.100.050de	0.875 1.0 0.5	0.875 0.875 0.562	70	0.875 1.0 0.5	90.8 -13.2	0.0 0.0	0.0	0.0
644	Y31C.100.037de	0.875 1.0 0.625	0.875 0.875 0.562	63	0.875 1.0 0.625	90.0 -11.7	0.0 0.0	0.0	0.0
645	Y50K.100.025de	0.875 1.0 0.75	0.875 0.875 0.562	56	0.875 1.0 0.75	89.6 -10.4	0.0 0.0	0.0	0.0
646	G00B.100.012de	0.875 1.0 0.875	0.875 0.875 0.562	49	0.875 1.0 0.875	90.5 -8.2	0.0 0.0	0.0	0.0
647	G50B.100.012de	0.875 1.0 1.0	0.875 0.875 0.562	42	0.875 1.0 0.875	90.7 -4.8	0.0 0.0	0.0	0.0

n	HC*File	rgb*File	ic*File	hsa*File	rgb*File	LabCh*File	cmyk*sep*File	hsa*de	rgb*File	LabCh*File	delta
648	R00Y_100_100de	1.0	0.0	0.0	0.0	47.5	0.0	0.0	0.0	47.5	25.4
649	R38Y_100_100de	1.0	0.0	0.0	0.0	392	0.0	0.0	0.0	392	62.1
650	R26Y_100_100de	1.0	0.0	0.0	0.0	383	0.0	0.0	0.0	383	60.0
651	R13Y_100_100de	1.0	0.0	0.0	0.0	376	0.0	0.0	0.0	376	59.9
652	R16Y_100_100de	1.0	0.0	0.0	0.0	368	0.0	0.0	0.0	368	59.8
653	R08R_100_100de	1.0	0.0	0.0	0.0	360	0.0	0.0	0.0	360	59.1
654	B61R_100_100de	1.0	0.0	0.0	0.0	352	0.0	0.0	0.0	352	58.5
655	B55R_100_100de	1.0	0.0	0.0	0.0	347	0.0	0.0	0.0	347	57.6
656	B50R_100_100de	1.0	0.0	0.0	0.0	330	0.0	0.0	0.0	330	56.7
657	R11Y_100_100de	1.0	0.0	0.0	0.0	330	0.0	0.0	0.0	330	56.7
658	R05Y_100_100de	1.0	0.0	0.0	0.0	320	0.0	0.0	0.0	320	55.4
659	R30Y_100_100de	1.0	0.0	0.0	0.0	312	0.0	0.0	0.0	312	54.7
660	R23Y_100_100de	1.0	0.0	0.0	0.0	307	0.0	0.0	0.0	307	54.7
661	R08Y_100_100de	1.0	0.0	0.0	0.0	303	0.0	0.0	0.0	303	54.7
662	B70R_100_100de	1.0	0.0	0.0	0.0	303	0.0	0.0	0.0	303	54.7
663	B63R_100_100de	1.0	0.0	0.0	0.0	303	0.0	0.0	0.0	303	54.7
664	B56R_100_100de	1.0	0.0	0.0	0.0	303	0.0	0.0	0.0	303	54.7
665	B50R_100_100de	1.0	0.0	0.0	0.0	303	0.0	0.0	0.0	303	54.7
666	R23Y_100_100de	1.0	0.0	0.0	0.0	303	0.0	0.0	0.0	303	54.7
667	R13Y_100_100de	1.0	0.0	0.0	0.0	303	0.0	0.0	0.0	303	54.7
668	R05Y_100_100de	1.0	0.0	0.0	0.0	303	0.0	0.0	0.0	303	54.7
669	R33Y_100_100de	1.0	0.0	0.0	0.0	303	0.0	0.0	0.0	303	54.7
670	R18Y_100_100de	1.0	0.0	0.0	0.0	303	0.0	0.0	0.0	303	54.7
671	R01Y_100_100de	1.0	0.0	0.0	0.0	303	0.0	0.0	0.0	303	54.7
672	B63R_100_100de	1.0	0.0	0.0	0.0	303	0.0	0.0	0.0	303	54.7
673	B56R_100_100de	1.0	0.0	0.0	0.0	303	0.0	0.0	0.0	303	54.7
674	B50R_100_100de	1.0	0.0	0.0	0.0	303	0.0	0.0	0.0	303	54.7
675	R36Y_100_100de	1.0	0.0	0.0	0.0	303	0.0	0.0	0.0	303	54.7
676	R26Y_100_100de	1.0	0.0	0.0	0.0	303	0.0	0.0	0.0	303	54.7
677	R15Y_100_100de	1.0	0.0	0.0	0.0	303	0.0	0.0	0.0	303	54.7
678	R05Y_100_100de	1.0	0.0	0.0	0.0	303	0.0	0.0	0.0	303	54.7
679	R31Y_100_100de	1.0	0.0	0.0	0.0	303	0.0	0.0	0.0	303	54.7
680	R11Y_100_100de	1.0	0.0	0.0	0.0	303	0.0	0.0	0.0	303	54.7
681	B69R_100_100de	1.0	0.0	0.0	0.0	303	0.0	0.0	0.0	303	54.7
682	B62R_100_100de	1.0	0.0	0.0	0.0	303	0.0	0.0	0.0	303	54.7
683	B56R_100_100de	1.0	0.0	0.0	0.0	303	0.0	0.0	0.0	303	54.7
684	B50Y_100_100de	1.0	0.0	0.0	0.0	303	0.0	0.0	0.0	303	54.7
685	R41Y_100_100de	1.0	0.0	0.0	0.0	303	0.0	0.0	0.0	303	54.7
686	R31Y_100_100de	1.0	0.0	0.0	0.0	303	0.0	0.0	0.0	303	54.7
687	R18Y_100_100de	1.0	0.0	0.0	0.0	303	0.0	0.0	0.0	303	54.7
688	R05Y_100_100de	1.0	0.0	0.0	0.0	303	0.0	0.0	0.0	303	54.7
689	R26Y_100_100de	1.0	0.0	0.0	0.0	303	0.0	0.0	0.0	303	54.7
690	R01Y_100_100de	1.0	0.0	0.0	0.0	303	0.0	0.0	0.0	303	54.7
691	B61R_100_100de	1.0	0.0	0.0	0.0	303	0.0	0.0	0.0	303	54.7
692	B54R_100_100de	1.0	0.0	0.0	0.0	303	0.0	0.0	0.0	303	54.7
693	B48Y_100_100de	1.0	0.0	0.0	0.0	303	0.0	0.0	0.0	303	54.7
694	R38Y_100_100de	1.0	0.0	0.0	0.0	303	0.0	0.0	0.0	303	54.7
695	R30Y_100_100de	1.0	0.0	0.0	0.0	303	0.0	0.0	0.0	303	54.7
696	R23Y_100_100de	1.0	0.0	0.0	0.0	303	0.0	0.0	0.0	303	54.7
697	R08Y_100_100de	1.0	0.0	0.0	0.0	303	0.0	0.0	0.0	303	54.7
698	R01Y_100_100de	1.0	0.0	0.0	0.0	303	0.0	0.0	0.0	303	54.7
699	B63R_100_100de	1.0	0.0	0.0	0.0	303	0.0	0.0	0.0	303	54.7
700	B56R_100_100de	1.0	0.0	0.0	0.0	303	0.0	0.0	0.0	303	54.7
701	B50Y_100_100de	1.0	0.0	0.0	0.0	303	0.0	0.0	0.0	303	54.7
702	R76Y_100_100de	1.0	0.0	0.0	0.0	303	0.0	0.0	0.0	303	54.7
703	R31Y_100_100de	1.0	0.0	0.0	0.0	303	0.0	0.0	0.0	303	54.7
704	R18Y_100_100de	1.0	0.0	0.0	0.0	303	0.0	0.0	0.0	303	54.7
705	R05Y_100_100de	1.0	0.0	0.0	0.0	303	0.0	0.0	0.0	303	54.7
706	B69R_100_100de	1.0	0.0	0.0	0.0	303	0.0	0.0	0.0	303	54.7
707	R31Y_100_100de	1.0	0.0	0.0	0.0	303	0.0	0.0	0.0	303	54.7
708	R05Y_100_100de	1.0	0.0	0.0	0.0	303	0.0	0.0	0.0	303	54.7
709	R38Y_100_100de	1.0	0.0	0.0	0.0	303	0.0	0.0	0.0	303	54.7
710	B54R_100_100de	1.0	0.0	0.0	0.0	303	0.0	0.0	0.0	303	54.7
711	B48Y_100_100de	1.0	0.0	0.0	0.0	303	0.0	0.0	0.0	303	54.7
712	R85Y_100_100de	1.0	0.0	0.0	0.0	303	0.0	0.0	0.0	303	54.7
713	R85Y_100_100de	1.0	0.0	0.0	0.0	303	0.0	0.0	0.0	303	54.7
714	R81Y_100_100de	1.0	0.0	0.0	0.0	303	0.0	0.0	0.0	303	54.7
715	R76Y_100_100de	1.0	0.0	0.0	0.0	303	0.0	0.0	0.0	303	54.7
716	R69Y_100_100de	1.0	0.0	0.0	0.0	303	0.0	0.0	0.0	303	54.7
717	R63Y_100_100de	1.0	0.0	0.0	0.0	303	0.0	0.0	0.0	303	54.7
718	R56Y_100_100de	1.0	0.0	0.0	0.0	303	0.0	0.0	0.0	303	54.7
719	R50Y_100_100de	1.0	0.0	0.0	0.0	303	0.0	0.0	0.0	303	54.7
720	Y00C_100_100de	1.0	0.0	0.0	0.0	303	0.0	0.0	0.0	303	54.7
721	Y00C_100_100de	1.0	0.0	0.0	0.0	303	0.0	0.0	0.0	303	54.7
722	Y00C_100_100de	1.0	0.0	0.0	0.0	303	0.0	0.0	0.0	303	54.7
723	Y00C_100_100de	1.0	0.0	0.0	0.0	303	0.0	0.0	0.0	303	54.7
724	Y00C_100_100de	1.0	0.0	0.0	0.0	303	0.0	0.0	0.0	303	54.7
725	Y00C_100_100de	1.0	0.0	0.0	0.0	303	0.0	0.0	0.0	303	54.7
726	Y00C_100_100de	1.0	0.0	0.0	0.0	303	0.0	0.0	0.0	303	54.7
727	Y00C_100_100de	1.0	0.0	0.0	0.0	303	0.0	0.0	0.0	303	54.7
728	NW_100de	1.0	0.0	0.0	0.0	303	0.0	0.0	0.0	303	54.7

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

graphique TUB-PF89; cercle de teinte, 16 étapes
couleurs et différences, ΔE*

n	HC*File	rgb*File	icr*File	hsa*File	rgb*File	LabCh*File	cmyk*sep*File	hsa*File	rgb*File	LabCh*File
729	NW_100.00e	0.875	1.0	1.0	0.0	95.8	0.0	360	1.0	95.8
730	G50B_100.0124e	0.875	1.0	1.0	0.0	95.8	0.0	360	1.0	95.8
731	G50B_100.0254e	0.875	1.0	1.0	0.0	95.8	0.0	360	1.0	95.8
732	G50B_100.0374e	0.875	1.0	1.0	0.0	95.8	0.0	360	1.0	95.8
733	G50B_100.0504e	0.875	1.0	1.0	0.0	95.8	0.0	360	1.0	95.8
734	G50B_100.0624e	0.875	1.0	1.0	0.0	95.8	0.0	360	1.0	95.8
735	G50B_100.0744e	0.875	1.0	1.0	0.0	95.8	0.0	360	1.0	95.8
736	G50B_100.0864e	0.875	1.0	1.0	0.0	95.8	0.0	360	1.0	95.8
737	G50B_100.0984e	0.875	1.0	1.0	0.0	95.8	0.0	360	1.0	95.8
738	ROY_100.0104e	0.875	1.0	1.0	0.0	95.8	0.0	360	1.0	95.8
739	ROY_100.0124e	0.875	1.0	1.0	0.0	95.8	0.0	360	1.0	95.8
740	ROY_100.0144e	0.875	1.0	1.0	0.0	95.8	0.0	360	1.0	95.8
741	ROY_100.0164e	0.875	1.0	1.0	0.0	95.8	0.0	360	1.0	95.8
742	ROY_100.0184e	0.875	1.0	1.0	0.0	95.8	0.0	360	1.0	95.8
743	ROY_100.0204e	0.875	1.0	1.0	0.0	95.8	0.0	360	1.0	95.8
744	ROY_100.0224e	0.875	1.0	1.0	0.0	95.8	0.0	360	1.0	95.8
745	ROY_100.0244e	0.875	1.0	1.0	0.0	95.8	0.0	360	1.0	95.8
746	ROY_100.0264e	0.875	1.0	1.0	0.0	95.8	0.0	360	1.0	95.8
747	ROY_100.0284e	0.875	1.0	1.0	0.0	95.8	0.0	360	1.0	95.8
748	ROY_100.0304e	0.875	1.0	1.0	0.0	95.8	0.0	360	1.0	95.8
749	ROY_100.0324e	0.875	1.0	1.0	0.0	95.8	0.0	360	1.0	95.8
750	ROY_100.0344e	0.875	1.0	1.0	0.0	95.8	0.0	360	1.0	95.8
751	ROY_100.0364e	0.875	1.0	1.0	0.0	95.8	0.0	360	1.0	95.8
752	ROY_100.0384e	0.875	1.0	1.0	0.0	95.8	0.0	360	1.0	95.8
753	ROY_100.0404e	0.875	1.0	1.0	0.0	95.8	0.0	360	1.0	95.8
754	ROY_100.0424e	0.875	1.0	1.0	0.0	95.8	0.0	360	1.0	95.8
755	ROY_100.0444e	0.875	1.0	1.0	0.0	95.8	0.0	360	1.0	95.8
756	ROY_100.0464e	0.875	1.0	1.0	0.0	95.8	0.0	360	1.0	95.8
757	ROY_100.0484e	0.875	1.0	1.0	0.0	95.8	0.0	360	1.0	95.8
758	ROY_100.0504e	0.875	1.0	1.0	0.0	95.8	0.0	360	1.0	95.8
759	ROY_100.0524e	0.875	1.0	1.0	0.0	95.8	0.0	360	1.0	95.8
760	ROY_100.0544e	0.875	1.0	1.0	0.0	95.8	0.0	360	1.0	95.8
761	ROY_100.0564e	0.875	1.0	1.0	0.0	95.8	0.0	360	1.0	95.8
762	ROY_100.0584e	0.875	1.0	1.0	0.0	95.8	0.0	360	1.0	95.8
763	ROY_100.0604e	0.875	1.0	1.0	0.0	95.8	0.0	360	1.0	95.8
764	ROY_100.0624e	0.875	1.0	1.0	0.0	95.8	0.0	360	1.0	95.8
765	ROY_100.0644e	0.875	1.0	1.0	0.0	95.8	0.0	360	1.0	95.8
766	ROY_100.0664e	0.875	1.0	1.0	0.0	95.8	0.0	360	1.0	95.8
767	ROY_100.0684e	0.875	1.0	1.0	0.0	95.8	0.0	360	1.0	95.8
768	ROY_100.0704e	0.875	1.0	1.0	0.0	95.8	0.0	360	1.0	95.8
769	ROY_100.0724e	0.875	1.0	1.0	0.0	95.8	0.0	360	1.0	95.8
770	ROY_100.0744e	0.875	1.0	1.0	0.0	95.8	0.0	360	1.0	95.8
771	ROY_100.0764e	0.875	1.0	1.0	0.0	95.8	0.0	360	1.0	95.8
772	ROY_100.0784e	0.875	1.0	1.0	0.0	95.8	0.0	360	1.0	95.8
773	ROY_100.0804e	0.875	1.0	1.0	0.0	95.8	0.0	360	1.0	95.8
774	ROY_100.0824e	0.875	1.0	1.0	0.0	95.8	0.0	360	1.0	95.8
775	ROY_100.0844e	0.875	1.0	1.0	0.0	95.8	0.0	360	1.0	95.8
776	ROY_100.0864e	0.875	1.0	1.0	0.0	95.8	0.0	360	1.0	95.8
777	ROY_100.0884e	0.875	1.0	1.0	0.0	95.8	0.0	360	1.0	95.8
778	ROY_100.0904e	0.875	1.0	1.0	0.0	95.8	0.0	360	1.0	95.8
779	ROY_100.0924e	0.875	1.0	1.0	0.0	95.8	0.0	360	1.0	95.8
780	ROY_100.0944e	0.875	1.0	1.0	0.0	95.8	0.0	360	1.0	95.8
781	ROY_100.0964e	0.875	1.0	1.0	0.0	95.8	0.0	360	1.0	95.8
782	ROY_100.0984e	0.875	1.0	1.0	0.0	95.8	0.0	360	1.0	95.8
783	ROY_100.1004e	0.875	1.0	1.0	0.0	95.8	0.0	360	1.0	95.8
784	ROY_100.1024e	0.875	1.0	1.0	0.0	95.8	0.0	360	1.0	95.8
785	ROY_100.1044e	0.875	1.0	1.0	0.0	95.8	0.0	360	1.0	95.8
786	ROY_100.1064e	0.875	1.0	1.0	0.0	95.8	0.0	360	1.0	95.8
787	ROY_100.1084e	0.875	1.0	1.0	0.0	95.8	0.0	360	1.0	95.8
788	ROY_100.1104e	0.875	1.0	1.0	0.0	95.8	0.0	360	1.0	95.8
789	ROY_100.1124e	0.875	1.0	1.0	0.0	95.8	0.0	360	1.0	95.8
790	ROY_100.1144e	0.875	1.0	1.0	0.0	95.8	0.0	360	1.0	95.8
791	ROY_100.1164e	0.875	1.0	1.0	0.0	95.8	0.0	360	1.0	95.8
792	ROY_100.1184e	0.875	1.0	1.0	0.0	95.8	0.0	360	1.0	95.8
793	ROY_100.1204e	0.875	1.0	1.0	0.0	95.8	0.0	360	1.0	95.8
794	ROY_100.1224e	0.875	1.0	1.0	0.0	95.8	0.0	360	1.0	95.8
795	ROY_100.1244e	0.875	1.0	1.0	0.0	95.8	0.0	360	1.0	95.8
796	ROY_100.1264e	0.875	1.0	1.0	0.0	95.8	0.0	360	1.0	95.8
797	ROY_100.1284e	0.875	1.0	1.0	0.0	95.8	0.0	360	1.0	95.8
798	ROY_100.1304e	0.875	1.0	1.0	0.0	95.8	0.0	360	1.0	95.8
799	ROY_100.1324e	0.875	1.0	1.0	0.0	95.8	0.0	360	1.0	95.8
800	ROY_100.1344e	0.875	1.0	1.0	0.0	95.8	0.0	360	1.0	95.8
801	ROY_100.1364e	0.875	1.0	1.0	0.0	95.8	0.0	360	1.0	95.8
802	ROY_100.1384e	0.875	1.0	1.0	0.0	95.8	0.0	360	1.0	95.8
803	ROY_100.1404e	0.875	1.0	1.0	0.0	95.8	0.0	360	1.0	95.8
804	ROY_100.1424e	0.875	1.0	1.0	0.0	95.8	0.0	360	1.0	95.8
805	ROY_100.1444e	0.875	1.0	1.0	0.0	95.8	0.0	360	1.0	95.8
806	ROY_100.1464e	0.875	1.0	1.0	0.0	95.8	0.0	360	1.0	95.8
807	ROY_100.1484e	0.875	1.0	1.0	0.0	95.8	0.0	360	1.0	95.8
808	ROY_100.1504e	0.875	1.0	1.0	0.0	95.8	0.0	360	1.0	95.8
809	ROY_100.1524e	0.875	1.0	1.0	0.0	95.8	0.0	360	1.0	95.8

PF89-7N, 29/33-F

graphique TUB-PF89; cercle de teinte, 16 étapes
couleurs et différences, ΔE^*

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



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

voir fichiers similaires: <http://130.149.60.45/~farbmatrik/PF89/PF89.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 $cmyk^*_{de}$

graph
could

<i>n</i>	<i>HIC^{Fr}_{Fr}</i>	<i>rgb^{Fr}_{Fr}</i>	<i>lcr^{Fr}_{Fr}</i>	<i>h_{Fr}^{Fr}_{Fr}</i>	<i>rgb^{Fr}_{Fr}</i>	<i>LabCh^{Fr}_{Fr}</i>	<i>cmv^{Fr}_{Fr}</i>	<i>h_{an}^{Fr}_{Fr}</i>	<i>rgb^{Fr}_{Fr}</i>	<i>LabCh^{Fr}_{Fr}</i>	<i>h_{an}^{Fr}_{Fr}</i>	<i>rgb^{Fr}_{Fr}</i>	<i>LabCh^{Fr}_{Fr}</i>
810	NW_1000e	0.875	1.0	1.0	0.875	0.958	0.0	360	1.0	95.8	0.0	1.0	95.8
811	B00R_100_0125e	0.875	1.0	1.0	0.875	0.907	0.0	255	1.0	0.261	0.0	1.0	0.261
812	B00R_100_0250e	0.875	1.0	1.0	0.875	0.815	0.0	255	1.0	0.261	0.0	1.0	0.261
813	B00R_100_0375e	0.875	1.0	1.0	0.875	0.722	0.0	255	1.0	0.261	0.0	1.0	0.261
814	B00R_100_0500e	0.875	1.0	1.0	0.875	0.63	0.0	255	1.0	0.261	0.0	1.0	0.261
815	B00R_100_0625e	0.875	1.0	1.0	0.875	0.538	0.0	255	1.0	0.261	0.0	1.0	0.261
816	B00R_100_0750e	0.875	1.0	1.0	0.875	0.445	0.0	255	1.0	0.261	0.0	1.0	0.261
817	B00R_100_0875e	0.875	1.0	1.0	0.875	0.353	0.0	255	1.0	0.261	0.0	1.0	0.261
818	B00R_100_1000e	0.875	1.0	1.0	0.875	0.261	0.0	255	1.0	0.261	0.0	1.0	0.261
819	NW_087e	0.875	1.0	1.0	0.875	0.161	0.0	360	1.0	0.261	0.0	1.0	0.261
820	NW_087e	0.875	1.0	1.0	0.875	0.062	0.0	360	1.0	0.261	0.0	1.0	0.261
821	B00R_087_0125e	0.875	1.0	1.0	0.875	0.958	0.0	255	1.0	0.261	0.0	1.0	0.261
822	B00R_087_0250e	0.875	1.0	1.0	0.875	0.815	0.0	255	1.0	0.261	0.0	1.0	0.261
823	B00R_087_0375e	0.875	1.0	1.0	0.875	0.63	0.0	255	1.0	0.261	0.0	1.0	0.261
824	B00R_087_0500e	0.875	1.0	1.0	0.875	0.538	0.0	255	1.0	0.261	0.0	1.0	0.261
825	B00R_087_0625e	0.875	1.0	1.0	0.875	0.445	0.0	255	1.0	0.261	0.0	1.0	0.261
826	B00R_087_0750e	0.875	1.0	1.0	0.875	0.353	0.0	255	1.0	0.261	0.0	1.0	0.261
827	B00R_087_0875e	0.875	1.0	1.0	0.875	0.261	0.0	255	1.0	0.261	0.0	1.0	0.261
828	B00R_087_1000e	0.875	1.0	1.0	0.875	0.161	0.0	360	1.0	0.261	0.0	1.0	0.261
829	B00R_087_0125e	0.875	1.0	1.0	0.875	0.958	0.0	255	1.0	0.261	0.0	1.0	0.261
830	NW_0750e	0.875	1.0	1.0	0.875	0.815	0.0	360	1.0	0.261	0.0	1.0	0.261
831	NW_0750e	0.875	1.0	1.0	0.875	0.63	0.0	360	1.0	0.261	0.0	1.0	0.261
832	B00R_075_0125e	0.875	1.0	1.0	0.875	0.538	0.0	255	1.0	0.261	0.0	1.0	0.261
833	B00R_075_0250e	0.875	1.0	1.0	0.875	0.445	0.0	255	1.0	0.261	0.0	1.0	0.261
834	B00R_075_0375e	0.875	1.0	1.0	0.875	0.353	0.0	255	1.0	0.261	0.0	1.0	0.261
835	B00R_075_0500e	0.875	1.0	1.0	0.875	0.261	0.0	255	1.0	0.261	0.0	1.0	0.261
836	B00R_075_0625e	0.875	1.0	1.0	0.875	0.161	0.0	255	1.0	0.261	0.0	1.0	0.261
837	B00R_075_0750e	0.875	1.0	1.0	0.875	0.062	0.0	255	1.0	0.261	0.0	1.0	0.261

PF890-7N 30/33-F

3-1132930-F0

n	HC*File	rgb_File	rgb_Fate	rgb*File	LabCh*File	cmyk*_sep_Fate	delta	LabCh*File	rgb*File	delta
891	NW_100de	1.0	1.0	1.0	95.8	0.0	0.0	95.8	1.0	0.0
892	B50R_100.012de	0.875	1.0	0.937	88.6	5.8	0.0	38.5	0.584	0.0
893	B50R_100.025de	0.75	1.0	0.812	88.6	5.8	0.0	38.5	0.584	0.0
894	B50R_100.037de	0.625	1.0	0.687	88.6	5.8	0.0	38.5	0.584	0.0
895	B50R_100.050de	0.5	1.0	0.562	88.6	5.8	0.0	38.5	0.584	0.0
896	B50R_100.062de	0.375	1.0	0.437	88.6	5.8	0.0	38.5	0.584	0.0
897	B50R_100.075de	0.25	1.0	0.312	88.6	5.8	0.0	38.5	0.584	0.0
898	B50R_100.087de	0.125	1.0	0.187	88.6	5.8	0.0	38.5	0.584	0.0
899	B50R_100.100de	0.0	1.0	0.062	88.6	5.8	0.0	38.5	0.584	0.0
900	GOB_100.012de	0.875	1.0	0.937	88.6	5.8	0.0	38.5	0.584	0.0
901	NW_087de	0.875	0.875	0.875	88.6	5.8	0.0	38.5	0.584	0.0
902	B50R_087.012de	0.875	0.875	0.875	88.6	5.8	0.0	38.5	0.584	0.0
903	B50R_087.025de	0.875	0.875	0.875	88.6	5.8	0.0	38.5	0.584	0.0
904	B50R_087.037de	0.875	0.875	0.875	88.6	5.8	0.0	38.5	0.584	0.0
905	B50R_087.050de	0.875	0.875	0.875	88.6	5.8	0.0	38.5	0.584	0.0
906	B50R_087.062de	0.875	0.875	0.875	88.6	5.8	0.0	38.5	0.584	0.0
907	B50R_087.075de	0.875	0.875	0.875	88.6	5.8	0.0	38.5	0.584	0.0
908	B50R_087.087de	0.875	0.875	0.875	88.6	5.8	0.0	38.5	0.584	0.0
909	GOB_100.025de	0.75	1.0	0.812	88.6	5.8	0.0	38.5	0.584	0.0
910	GOB_100.037de	0.625	1.0	0.687	88.6	5.8	0.0	38.5	0.584	0.0
911	B50R_075.012de	0.75	0.75	0.75	88.6	5.8	0.0	38.5	0.584	0.0
912	B50R_075.025de	0.75	0.75	0.75	88.6	5.8	0.0	38.5	0.584	0.0
913	B50R_075.037de	0.75	0.75	0.75	88.6	5.8	0.0	38.5	0.584	0.0
914	B50R_075.050de	0.75	0.75	0.75	88.6	5.8	0.0	38.5	0.584	0.0
915	B50R_075.062de	0.75	0.75	0.75	88.6	5.8	0.0	38.5	0.584	0.0
916	B50R_075.075de	0.75	0.75	0.75	88.6	5.8	0.0	38.5	0.584	0.0
917	B50R_075.087de	0.75	0.75	0.75	88.6	5.8	0.0	38.5	0.584	0.0
918	GOB_100.037de	0.625	1.0	0.687	88.6	5.8	0.0	38.5	0.584	0.0
919	GOB_100.050de	0.5	1.0	0.562	88.6	5.8	0.0	38.5	0.584	0.0
920	GOB_100.062de	0.375	1.0	0.437	88.6	5.8	0.0	38.5	0.584	0.0
921	GOB_100.075de	0.25	1.0	0.312	88.6	5.8	0.0	38.5	0.584	0.0
922	B50R_062.012de	0.625	0.625	0.625	88.6	5.8	0.0	38.5	0.584	0.0
923	B50R_062.025de	0.625	0.625	0.625	88.6	5.8	0.0	38.5	0.584	0.0
924	B50R_062.037de	0.625	0.625	0.625	88.6	5.8	0.0	38.5	0.584	0.0
925	B50R_062.050de	0.625	0.625	0.625	88.6	5.8	0.0	38.5	0.584	0.0
926	B50R_062.062de	0.625	0.625	0.625	88.6	5.8	0.0	38.5	0.584	0.0
927	GOB_100.050de	0.5	1.0	0.562	88.6	5.8	0.0	38.5	0.584	0.0
928	GOB_087.037de	0.5	0.875	0.5	88.6	5.8	0.0	38.5	0.584	0.0
929	GOB_087.050de	0.5	0.875	0.5	88.6	5.8	0.0	38.5	0.584	0.0
930	GOB_087.062de	0.5	0.875	0.5	88.6	5.8	0.0	38.5	0.584	0.0
931	NW_050de	0.5	0.5	0.5	88.6	5.8	0.0	38.5	0.584	0.0
932	B50R_050.012de	0.5	0.5	0.5	88.6	5.8	0.0	38.5	0.584	0.0
933	B50R_050.025de	0.5	0.5	0.5	88.6	5.8	0.0	38.5	0.584	0.0
934	B50R_050.037de	0.5	0.5	0.5	88.6	5.8	0.0	38.5	0.584	0.0
935	B50R_050.050de	0.5	0.5	0.5	88.6	5.8	0.0	38.5	0.584	0.0
936	B50R_050.062de	0.5	0.5	0.5	88.6	5.8	0.0	38.5	0.584	0.0
937	GOB_087.050de	0.375	1.0	0.437	88.6	5.8	0.0	38.5	0.584	0.0
938	GOB_087.062de	0.375	0.875	0.375	88.6	5.8	0.0	38.5	0.584	0.0
939	GOB_087.075de	0.375	0.875	0.375	88.6	5.8	0.0	38.5	0.584	0.0
940	GOB_087.087de	0.375	0.875	0.375	88.6	5.8	0.0	38.5	0.584	0.0
941	NW_037de	0.375	0.375	0.375	88.6	5.8	0.0	38.5	0.584	0.0
942	B50R_037.012de	0.375	0.375	0.375	88.6	5.8	0.0	38.5	0.584	0.0
943	B50R_037.025de	0.375	0.375	0.375	88.6	5.8	0.0	38.5	0.584	0.0
944	B50R_037.037de	0.375	0.375	0.375	88.6	5.8	0.0	38.5	0.584	0.0
945	GOB_100.075de	0.25	1.0	0.312	88.6	5.8	0.0	38.5	0.584	0.0
946	GOB_100.087de	0.25	0.875	0.25	88.6	5.8	0.0	38.5	0.584	0.0
947	GOB_100.100de	0.25	0.875	0.25	88.6	5.8	0.0	38.5	0.584	0.0
948	GOB_062.012de	0.25	0.625	0.25	88.6	5.8	0.0	38.5	0.584	0.0
949	GOB_062.025de	0.25	0.625	0.25	88.6	5.8	0.0	38.5	0.584	0.0
950	GOB_062.037de	0.25	0.625	0.25	88.6	5.8	0.0	38.5	0.584	0.0
951	NW_025de	0.25	0.25	0.25	88.6	5.8	0.0	38.5	0.584	0.0
952	B50R_025.012de	0.25	0.25	0.25	88.6	5.8	0.0	38.5	0.584	0.0
953	B50R_025.025de	0.25	0.25	0.25	88.6	5.8	0.0	38.5	0.584	0.0
954	B50R_025.037de	0.25	0.25	0.25	88.6	5.8	0.0	38.5	0.584	0.0
955	GOB_087.075de	0.125	1.0	0.187	88.6	5.8	0.0	38.5	0.584	0.0
956	GOB_087.087de	0.125	0.875	0.125	88.6	5.8	0.0	38.5	0.584	0.0
957	GOB_087.100de	0.125	0.875	0.125	88.6	5.8	0.0	38.5	0.584	0.0
958	GOB_062.050de	0.125	0.625	0.125	88.6	5.8	0.0	38.5	0.584	0.0
959	GOB_062.062de	0.125	0.625	0.125	88.6	5.8	0.0	38.5	0.584	0.0
960	GOB_062.075de	0.125	0.625	0.125	88.6	5.8	0.0	38.5	0.584	0.0
961	NW_012de	0.125	0.125	0.125	88.6	5.8	0.0	38.5	0.584	0.0
962	B50R_012.012de	0.125	0.125	0.125	88.6	5.8	0.0	38.5	0.584	0.0
963	GOB_100.100de	0.0	1.0	0.062	88.6	5.8	0.0	38.5	0.584	0.0
964	GOB_087.087de	0.0	0.875	0.0	88.6	5.8	0.0	38.5	0.584	0.0
965	GOB_075.075de	0.0	0.75	0.0	88.6	5.8	0.0	38.5	0.584	0.0
966	GOB_062.062de	0.0	0.625	0.0	88.6	5.8	0.0	38.5	0.584	0.0
967	GOB_050.050de	0.0	0.5	0.0	88.6	5.8	0.0	38.5	0.584	0.0
968	GOB_037.037de	0.0	0.375	0.0	88.6	5.8	0.0	38.5	0.584	0.0
969	GOB_025.025de	0.0	0.25	0.0	88.6	5.8	0.0	38.5	0.584	0.0
970	GOB_012.012de	0.0	0.125	0.0	88.6	5.8	0.0	38.5	0.584	0.0
971	NW_000de	0.0	0.0	0.0	88.6	5.8	0.0	38.5	0.584	0.0

n	HC*File	rgb*File	icL*File	hsa*File	rgb*File	LabCH*File	cmyk*sep*File	hsa*File	rgb*File	LabCH*File
972	NW_000de	0.00	0.00	0.00	0.00	0.00	0.00	360	1.0	1.0
973	NW_012de	0.125	0.125	0.125	0.125	23.8	0.0	360	1.0	1.0
974	NW_025de	0.25	0.25	0.25	0.25	41.8	0.0	360	1.0	1.0
975	NW_037de	0.375	0.375	0.375	0.375	59.8	0.0	360	1.0	1.0
976	NW_050de	0.5	0.5	0.5	0.5	77.8	0.0	360	1.0	1.0
977	NW_062de	0.625	0.625	0.625	0.625	95.8	0.0	360	1.0	1.0
978	NW_075de	0.75	0.75	0.75	0.75	113.8	0.0	360	1.0	1.0
979	NW_087de	0.875	0.875	0.875	0.875	131.8	0.0	360	1.0	1.0
980	NW_100de	1.0	1.0	1.0	1.0	149.8	0.0	360	1.0	1.0
981	NW_000de	0.00	0.00	0.00	0.00	23.8	0.0	360	1.0	1.0
982	NW_012de	0.125	0.125	0.125	0.125	41.8	0.0	360	1.0	1.0
983	NW_025de	0.25	0.25	0.25	0.25	59.8	0.0	360	1.0	1.0
984	NW_037de	0.375	0.375	0.375	0.375	77.8	0.0	360	1.0	1.0
985	NW_050de	0.5	0.5	0.5	0.5	95.8	0.0	360	1.0	1.0
986	NW_062de	0.625	0.625	0.625	0.625	113.8	0.0	360	1.0	1.0
987	NW_075de	0.75	0.75	0.75	0.75	131.8	0.0	360	1.0	1.0
988	NW_087de	0.875	0.875	0.875	0.875	149.8	0.0	360	1.0	1.0
989	NW_100de	1.0	1.0	1.0	1.0	167.8	0.0	360	1.0	1.0
990	NW_000de	0.00	0.00	0.00	0.00	23.8	0.0	360	1.0	1.0
991	NW_012de	0.125	0.125	0.125	0.125	41.8	0.0	360	1.0	1.0
992	NW_025de	0.25	0.25	0.25	0.25	59.8	0.0	360	1.0	1.0
993	NW_037de	0.375	0.375	0.375	0.375	77.8	0.0	360	1.0	1.0
994	NW_050de	0.5	0.5	0.5	0.5	95.8	0.0	360	1.0	1.0
995	NW_062de	0.625	0.625	0.625	0.625	113.8	0.0	360	1.0	1.0
996	NW_075de	0.75	0.75	0.75	0.75	131.8	0.0	360	1.0	1.0
997	NW_087de	0.875	0.875	0.875	0.875	149.8	0.0	360	1.0	1.0
998	NW_100de	1.0	1.0	1.0	1.0	167.8	0.0	360	1.0	1.0
999	NW_000de	0.00	0.00	0.00	0.00	23.8	0.0	360	1.0	1.0
1000	NW_012de	0.125	0.125	0.125	0.125	41.8	0.0	360	1.0	1.0
1001	NW_025de	0.25	0.25	0.25	0.25	59.8	0.0	360	1.0	1.0
1002	NW_037de	0.375	0.375	0.375	0.375	77.8	0.0	360	1.0	1.0
1003	NW_050de	0.5	0.5	0.5	0.5	95.8	0.0	360	1.0	1.0
1004	NW_062de	0.625	0.625	0.625	0.625	113.8	0.0	360	1.0	1.0
1005	NW_075de	0.75	0.75	0.75	0.75	131.8	0.0	360	1.0	1.0
1006	NW_087de	0.875	0.875	0.875	0.875	149.8	0.0	360	1.0	1.0
1007	NW_100de	1.0	1.0	1.0	1.0	167.8	0.0	360	1.0	1.0
1008	NW_000de	0.00	0.00	0.00	0.00	23.8	0.0	360	1.0	1.0
1009	NW_006de	0.066	0.066	0.066	0.066	28.6	0.0	360	1.0	1.0
1010	NW_013de	0.133	0.133	0.133	0.133	47.4	0.0	360	1.0	1.0
1011	NW_020de	0.2	0.2	0.2	0.2	66.2	0.0	360	1.0	1.0
1012	NW_026de	0.266	0.266	0.266	0.266	85.0	0.0	360	1.0	1.0
1013	NW_033de	0.333	0.333	0.333	0.333	103.8	0.0	360	1.0	1.0
1014	NW_040de	0.4	0.4	0.4	0.4	122.6	0.0	360	1.0	1.0
1015	NW_046de	0.466	0.466	0.466	0.466	141.4	0.0	360	1.0	1.0
1016	NW_053de	0.533	0.533	0.533	0.533	160.2	0.0	360	1.0	1.0
1017	NW_060de	0.6	0.6	0.6	0.6	179.0	0.0	360	1.0	1.0
1018	NW_066de	0.666	0.666	0.666	0.666	197.8	0.0	360	1.0	1.0
1019	NW_073de	0.733	0.733	0.733	0.733	216.6	0.0	360	1.0	1.0
1020	NW_080de	0.8	0.8	0.8	0.8	235.4	0.0	360	1.0	1.0
1021	NW_086de	0.866	0.866	0.866	0.866	254.2	0.0	360	1.0	1.0
1022	NW_093de	0.933	0.933	0.933	0.933	273.0	0.0	360	1.0	1.0
1023	NW_100de	1.0	1.0	1.0	1.0	291.8	0.0	360	1.0	1.0
1024	NW_000de	0.006	0.006	0.006	0.006	28.6	0.0	360	1.0	1.0
1025	NW_013de	0.133	0.133	0.133	0.133	47.4	0.0	360	1.0	1.0
1026	NW_020de	0.2	0.2	0.2	0.2	66.2	0.0	360	1.0	1.0
1027	NW_026de	0.266	0.266	0.266	0.266	85.0	0.0	360	1.0	1.0
1028	NW_033de	0.333	0.333	0.333	0.333	103.8	0.0	360	1.0	1.0
1029	NW_040de	0.4	0.4	0.4	0.4	122.6	0.0	360	1.0	1.0
1030	NW_046de	0.466	0.466	0.466	0.466	141.4	0.0	360	1.0	1.0
1031	NW_053de	0.533	0.533	0.533	0.533	160.2	0.0	360	1.0	1.0
1032	NW_060de	0.6	0.6	0.6	0.6	179.0	0.0	360	1.0	1.0
1033	NW_066de	0.666	0.666	0.666	0.666	197.8	0.0	360	1.0	1.0
1034	NW_073de	0.733	0.733	0.733	0.733	216.6	0.0	360	1.0	1.0
1035	NW_080de	0.8	0.8	0.8	0.8	235.4	0.0	360	1.0	1.0
1036	NW_086de	0.866	0.866	0.866	0.866	254.2	0.0	360	1.0	1.0
1037	NW_093de	0.933	0.933	0.933	0.933	273.0	0.0	360	1.0	1.0
1038	NW_100de	1.0	1.0	1.0	1.0	291.8	0.0	360	1.0	1.0
1039	NW_000de	0.006	0.006	0.006	0.006	28.6	0.0	360	1.0	1.0
1040	NW_013de	0.133	0.133	0.133	0.133	47.4	0.0	360	1.0	1.0
1041	NW_020de	0.2	0.2	0.2	0.2	66.2	0.0	360	1.0	1.0
1042	NW_026de	0.266	0.266	0.266	0.266	85.0	0.0	360	1.0	1.0
1043	NW_033de	0.333	0.333	0.333	0.333	103.8	0.0	360	1.0	1.0
1044	NW_040de	0.4	0.4	0.4	0.4	122.6	0.0	360	1.0	1.0
1045	NW_046de	0.466	0.466	0.466	0.466	141.4	0.0	360	1.0	1.0
1046	NW_053de	0.533	0.533	0.533	0.533	160.2	0.0	360	1.0	1.0
1047	NW_060de	0.6	0.6	0.6	0.6	179.0	0.0	360	1.0	1.0
1048	NW_066de	0.666	0.666	0.666	0.666	197.8	0.0	360	1.0	1.0
1049	NW_073de	0.733	0.733	0.733	0.733	216.6	0.0	360	1.0	1.0
1050	NW_080de	0.8	0.8	0.8	0.8	235.4	0.0	360	1.0	1.0
1051	NW_086de	0.866	0.866	0.866	0.866	254.2	0.0	360	1.0	1.0
1052	NW_093de	0.933	0.933	0.933	0.933	273.0	0.0	360	1.0	1.0

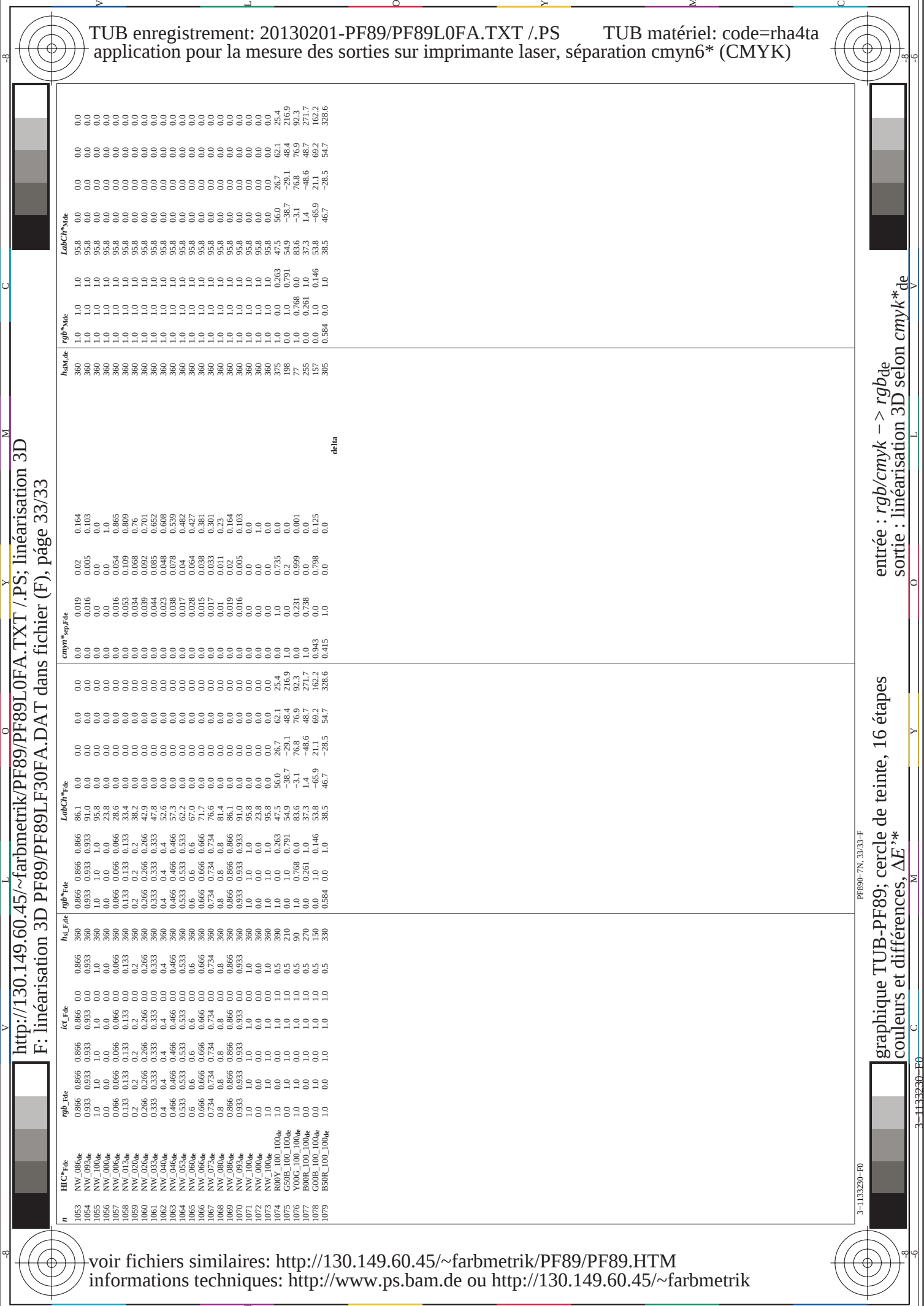
PF89-7N, 32/33-F

graphique TUB-PF89; cercle de teinte, 16 étapes
couleurs et différences, ΔE^*

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

déla

3-1133130-F0



TUB enregistrement: 20130201-PF89/PF89L0FA.TXT /PS TUB matériel: code=rha4ta
application pour la mesure des sorties sur imprimante laser, séparation cmyk* (CMYK)

http://130.149.60.45/~farbmetrik/PF89/PF89L0FA.TXT /PS; linéarisation 3D
F: linéarisation 3D PF89/PF89L0FA.DAT dans fichier (F), page 33/33

n	HC*Fide	rgb_Fide	icF_Fide	hsa_Fide	rgb*Fide	LabCH*Fide	0	cmyk*_sep_Fide	0.02	0.05	0.164	hsaX.de	rgb*Fide	LabCH*Fide	0.0	0.0	0.0
1053	NW_086de	0.866	0.866	0.866	0.866	86.1	0.0	0.0	0.019	0.02	0.164	360	1.0	1.0	95.8	0.0	0.0
1054	NW_093de	0.933	0.933	0.933	0.933	91.0	0.0	0.0	0.016	0.005	0.103	360	1.0	1.0	95.8	0.0	0.0
1055	NW_100de	1.0	1.0	1.0	1.0	95.8	0.0	0.0	0.0	0.0	0.0	360	1.0	1.0	95.8	0.0	0.0
1056	NW_100de	0.0	0.0	0.0	0.0	23.8	0.0	0.0	0.0	0.0	1.0	360	1.0	1.0	95.8	0.0	0.0
1057	NW_006de	0.066	0.066	0.066	0.066	0.066	0.0	0.0	0.016	0.054	0.865	360	1.0	1.0	95.8	0.0	0.0
1058	NW_013de	0.133	0.133	0.133	0.133	33.4	0.0	0.0	0.053	0.109	0.809	360	1.0	1.0	95.8	0.0	0.0
1059	NW_020de	0.2	0.2	0.2	0.2	38.2	0.0	0.0	0.034	0.068	0.76	360	1.0	1.0	95.8	0.0	0.0
1060	NW_026de	0.266	0.266	0.266	0.266	42.9	0.0	0.0	0.039	0.092	0.701	360	1.0	1.0	95.8	0.0	0.0
1061	NW_033de	0.333	0.333	0.333	0.333	47.8	0.0	0.0	0.044	0.085	0.652	360	1.0	1.0	95.8	0.0	0.0
1062	NW_040de	0.4	0.4	0.4	0.4	52.6	0.0	0.0	0.038	0.078	0.608	360	1.0	1.0	95.8	0.0	0.0
1063	NW_046de	0.466	0.466	0.466	0.466	57.3	0.0	0.0	0.023	0.048	0.539	360	1.0	1.0	95.8	0.0	0.0
1064	NW_053de	0.533	0.533	0.533	0.533	62.2	0.0	0.0	0.017	0.04	0.482	360	1.0	1.0	95.8	0.0	0.0
1065	NW_060de	0.6	0.6	0.6	0.6	67.0	0.0	0.0	0.028	0.064	0.427	360	1.0	1.0	95.8	0.0	0.0
1066	NW_066de	0.666	0.666	0.666	0.666	71.7	0.0	0.0	0.015	0.038	0.381	360	1.0	1.0	95.8	0.0	0.0
1067	NW_073de	0.734	0.734	0.734	0.734	76.6	0.0	0.0	0.017	0.033	0.301	360	1.0	1.0	95.8	0.0	0.0
1068	NW_080de	0.8	0.8	0.8	0.8	81.4	0.0	0.0	0.011	0.023	0.23	360	1.0	1.0	95.8	0.0	0.0
1069	NW_086de	0.866	0.866	0.866	0.866	86.1	0.0	0.0	0.019	0.02	0.164	360	1.0	1.0	95.8	0.0	0.0
1070	NW_093de	0.933	0.933	0.933	0.933	91.0	0.0	0.0	0.016	0.005	0.103	360	1.0	1.0	95.8	0.0	0.0
1071	NW_100de	1.0	1.0	1.0	1.0	95.8	0.0	0.0	0.0	0.0	0.0	360	1.0	1.0	95.8	0.0	0.0
1072	NW_000de	0.0	0.0	0.0	0.0	23.8	0.0	0.0	0.0	0.0	1.0	360	1.0	1.0	95.8	0.0	0.0
1073	ROY_100_100de	1.0	1.0	1.0	1.0	95.8	0.0	0.0	0.0	0.0	0.0	360	1.0	1.0	95.8	0.0	0.0
1074	G50G_100_100de	0.0	0.0	0.0	0.0	26.7	62.1	25.4	0.0	0.735	0.0	375	1.0	0.0	0.263	47.5	56.0
1075	Y00G_100_100de	0.0	1.0	1.0	1.0	54.9	-38.7	-29.1	0.0	0.2	0.0	198	0.0	1.0	0.791	-31.7	-29.1
1076	B00G_100_100de	0.0	1.0	1.0	1.0	53.6	-31.7	-29.1	0.0	0.399	0.001	375	1.0	0.0	0.263	47.5	56.0
1077	B00R_100_100de	0.0	1.0	1.0	1.0	53.6	-31.7	-29.1	0.0	0.231	0.0	198	0.0	1.0	0.791	-31.7	-29.1
1078	B50R_100_100de	0.0	1.0	1.0	1.0	53.6	-31.7	-29.1	0.0	0.738	0.0	375	1.0	0.0	0.263	47.5	56.0
1079	B50R_100_100de	1.0	0.0	1.0	1.0	38.5	-28.5	-28.5	1.0	0.125	0.0	305	0.584	0.0	0.146	38.5	46.7

delta

voir fichiers similaires: <http://130.149.60.45/~farbmetrik/PF89/PF89.HTM>
informations techniques: <http://www.ps.bam.de> ou <http://130.149.60.45/~farbmetrik>

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

graphique TUB-PF89; cercle de teinte, 16 étapes
couleurs et différences, ΔE^*

3-1133230-F0

PF890-7N, 33/33-F