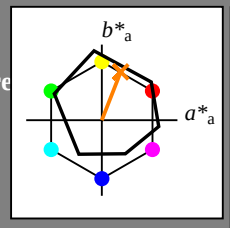
Entrada i salida: Offset Reflective System ORS18a for relative CIELAB hue $h_{ab,a,rel}$ = h_{ab}/360 = 68/360 = 0.19

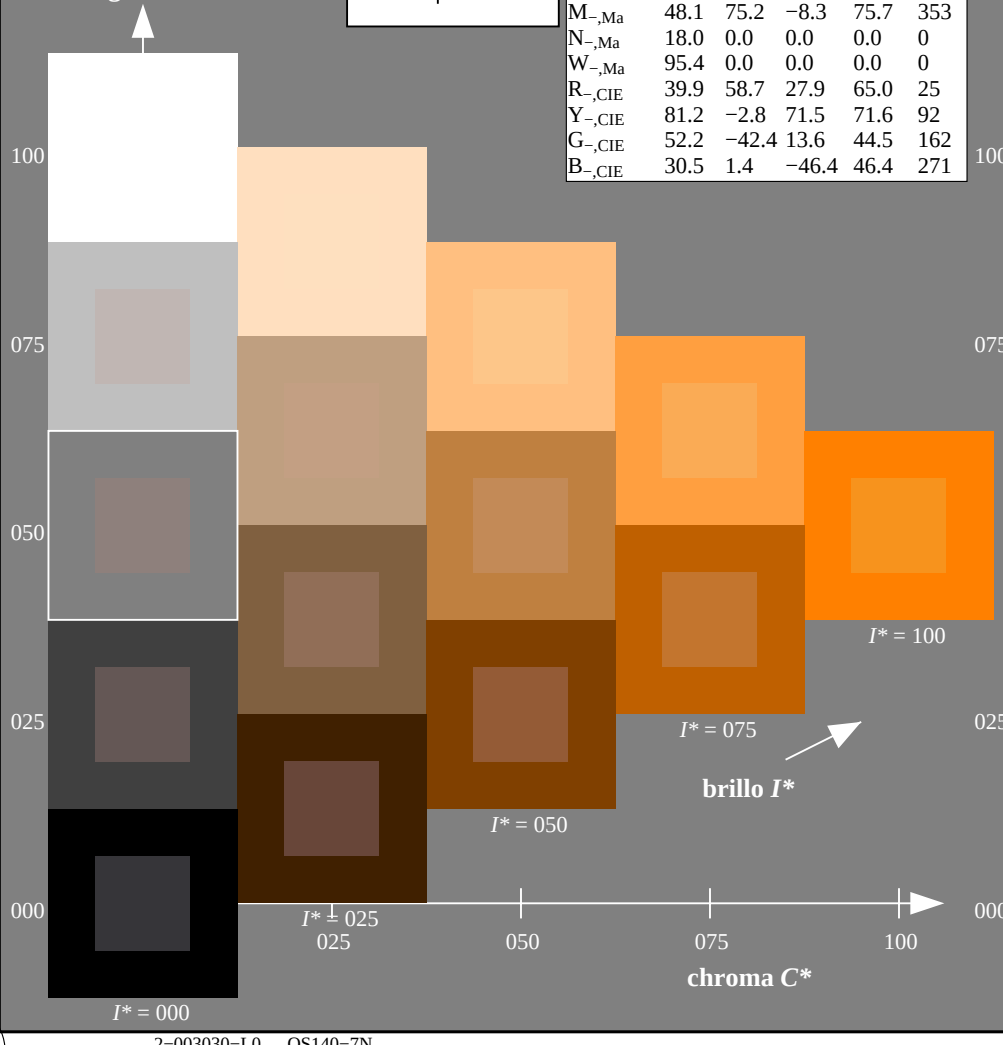
Datos del dispositivo (d) o elemental (e) color:
HIC**–
código de tono para les colore esta página:
***H*–* = R50Y–**



ORS18a; datos adaptados CIELAB (a)

name	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
$R_{–,Ma}$	47.9	65.3	50.5	82.6	37
$Y_{–,Ma}$	90.3	−10.2	91.7	92.3	96
$G_{–,Ma}$	50.9	−62.8	34.9	71.9	150
$C_{–,Ma}$	58.6	−30.3	−45.0	54.2	236
$B_{–,Ma}$	25.7	31.0	−44.4	54.2	305
$M_{–,Ma}$	48.1	75.2	−8.3	75.7	353
$N_{–,Ma}$	18.0	0.0	0.0	0.0	0
$W_{–,Ma}$	95.4	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

triàngulo claridad *T**

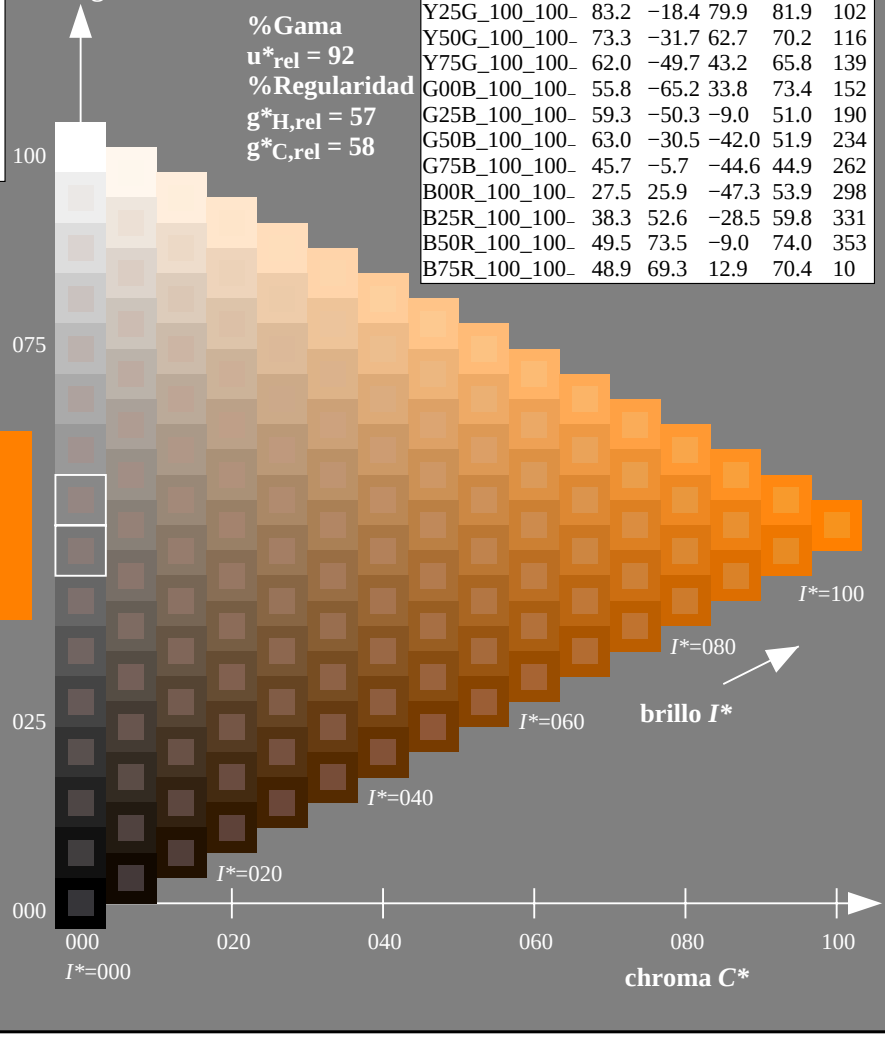


Los datos de color máximo (Ma):
***LabCh**–,Ma*: 68 25 63 68 68**
***HIC**–,Ma*: R50Y_100_100–**
***rgbic**–,Ma*:**
1.0 0.5 0.0 1.0 1.0
triàngulo claridad *T**

%Gama
u^*_{rel} = 92
%Regularidad
$g^*_{H,rel}$ = 57
$g^*_{C,rel}$ = 58

ORS20a; datos adaptados CIELAB (a)

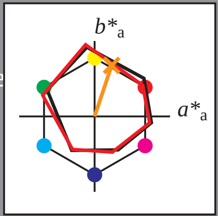
H–*	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
R00Y_100_100–	48.4	66.1	40.2	77.3	31
R25Y_100_100–	56.8	48.0	50.5	69.6	46
R50Y_100_100–	68.6	25.0	63.9	68.6	68
R75Y_100_100–	80.6	4.8	77.2	77.3	86
Y00G_100_100–	90.2	−9.6	88.2	88.7	96
Y25G_100_100–	83.2	−18.4	79.9	81.9	102
Y50G_100_100–	73.3	−31.7	62.7	70.2	116
Y75G_100_100–	62.0	−49.7	43.2	65.8	139
G00B_100_100–	55.8	−65.2	33.8	73.4	152
G25B_100_100–	59.3	−50.3	−9.0	51.0	190
G50B_100_100–	63.0	−30.5	−42.0	51.9	234
G75B_100_100–	45.7	−5.7	−44.6	44.9	262
B00R_100_100–	27.5	25.9	−47.3	53.9	298
B25R_100_100–	38.3	52.6	−28.5	59.8	331
B50R_100_100–	49.5	73.5	−9.0	74.0	353
B75R_100_100–	48.9	69.3	12.9	70.4	10



Entrada i salida: Offset Reflective System ORS18a for relative CIELAB hue $h_{ab,a,rel}$ = h_{ab}/360 = 71/360 = 0.19

H^*_d = R50Y$_d$

Datos del dispositivo (d) o elemental (e) color:
HIC*$_d$
código de tono para les colores de esta página:
H^*_d = R50Y$_d$
triàngulo claridad *T**

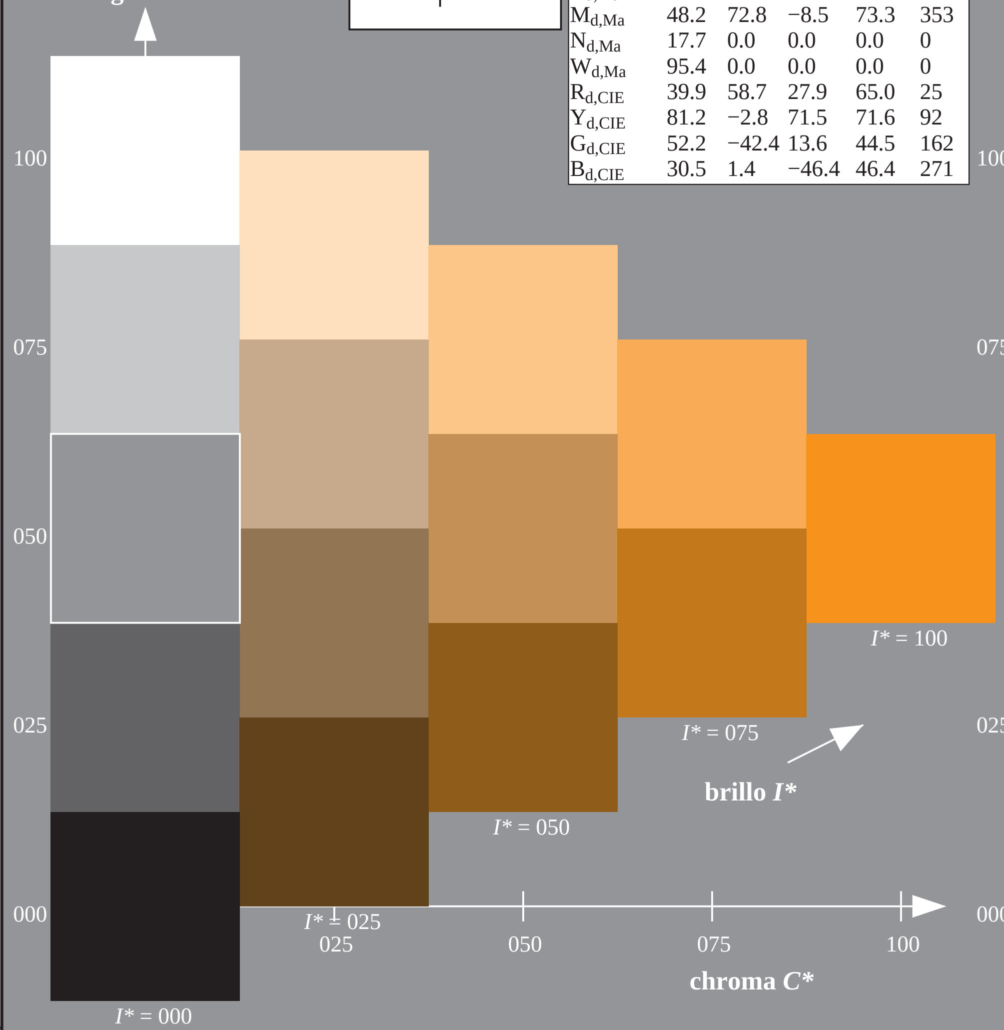


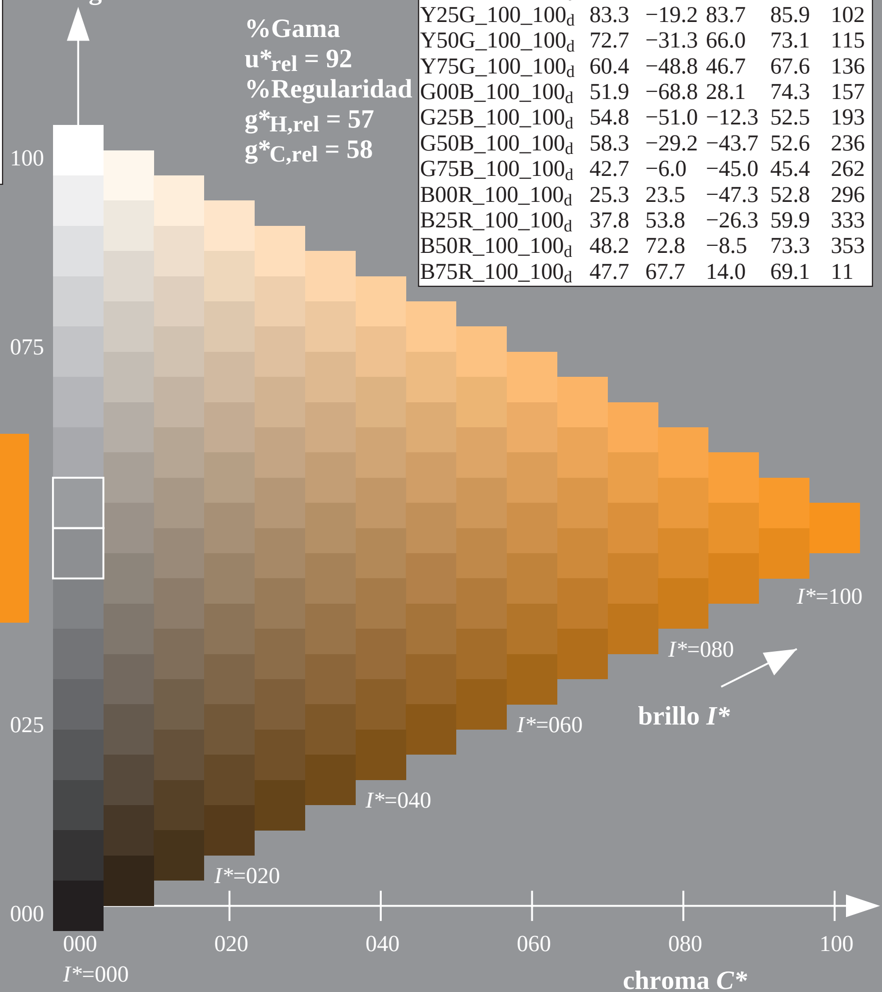
ORS20a; datos adaptados CIELAB (a)					
name	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
$R_{d,Ma}$	47.3	63.8	41.2	76.0	32
$Y_{d,Ma}$	88.3	−11.9	95.1	95.8	97
$G_{d,Ma}$	51.9	−68.8	28.1	74.3	157
$C_{d,Ma}$	58.3	−29.2	−43.7	52.6	236
$B_{d,Ma}$	25.3	23.5	−47.3	52.8	296
$M_{d,Ma}$	48.2	72.8	−8.5	73.3	353
$N_{d,Ma}$	17.7	0.0	0.0	0.0	0
$W_{d,Ma}$	95.4	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

Los datos de color máximo (Ma):
***LabCh*$_{d,Ma}$*: 67 22 67 71 71**
***HIC*$_{d,Ma}$*: R50Y_100_100$_d$**
***rgbic*$_{d,Ma}$*:**
1.0 0.5 0.0 1.0 1.0
triàngulo claridad *T**

%Gama
u^*_{rel} = 92
%Regularidad
$g^*_{H,rel}$ = 57
$g^*_{C,rel}$ = 58

ORS20a; datos adaptados CIELAB (a)					
H^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
R00Y_100_100$_d$	47.3	63.8	41.2	76.0	32
R25Y_100_100$_d$	55.3	45.8	52.2	69.5	48
R50Y_100_100$_d$	67.2	22.6	67.6	71.2	71
R75Y_100_100$_d$	79.9	1.0	83.9	83.9	89
Y00G_100_100$_d$	88.3	−11.9	95.1	95.8	97
Y25G_100_100$_d$	83.3	−19.2	83.7	85.9	102
Y50G_100_100$_d$	72.7	−31.3	66.0	73.1	115
Y75G_100_100$_d$	60.4	−48.8	46.7	67.6	136
G00B_100_100$_d$	51.9	−68.8	28.1	74.3	157
G25B_100_100$_d$	54.8	−51.0	−12.3	52.5	193
G50B_100_100$_d$	58.3	−29.2	−43.7	52.6	236
G75B_100_100$_d$	42.7	−6.0	−45.0	45.4	262
B00R_100_100$_d$	25.3	23.5	−47.3	52.8	296
B25R_100_100$_d$	37.8	53.8	−26.3	59.9	333
B50R_100_100$_d$	48.2	72.8	−8.5	73.3	353
B75R_100_100$_d$	47.7	67.7	14.0	69.1	11



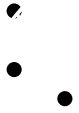


vea archivos semejantes: http://130.149.60.45/~farbmetrik/QS14/QS14.HTM
información técnica: http://www.ps.bam.de o http://130.149.60.45/~farbmetrik

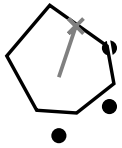
TUB matrícula: 20130201-QS14/QS14L0NP.PDF /.PS
aplicación para la medida salida en la impresión offset, separación cmyn6 (CMYK)

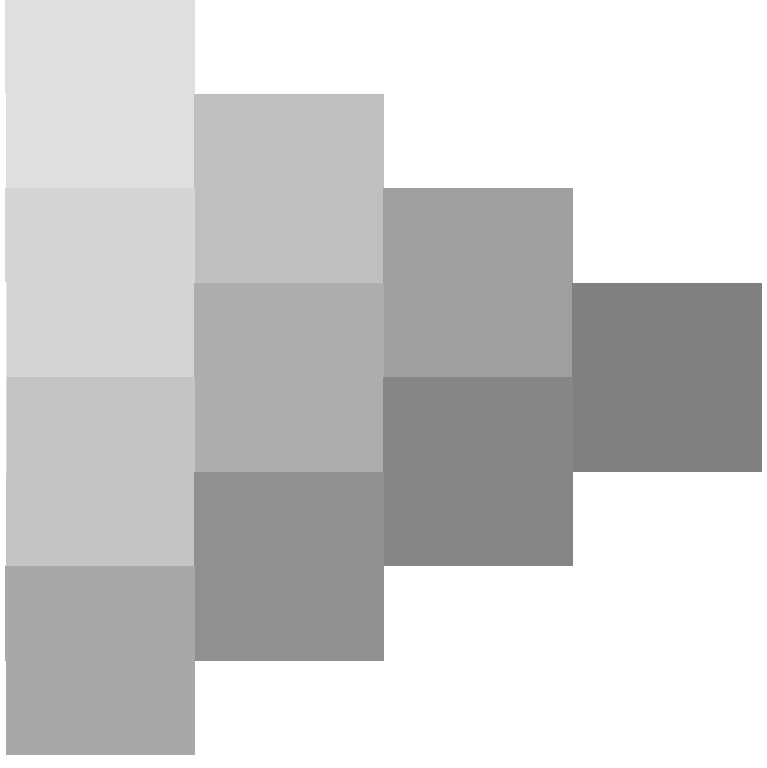
TUB material: code=rha4ta

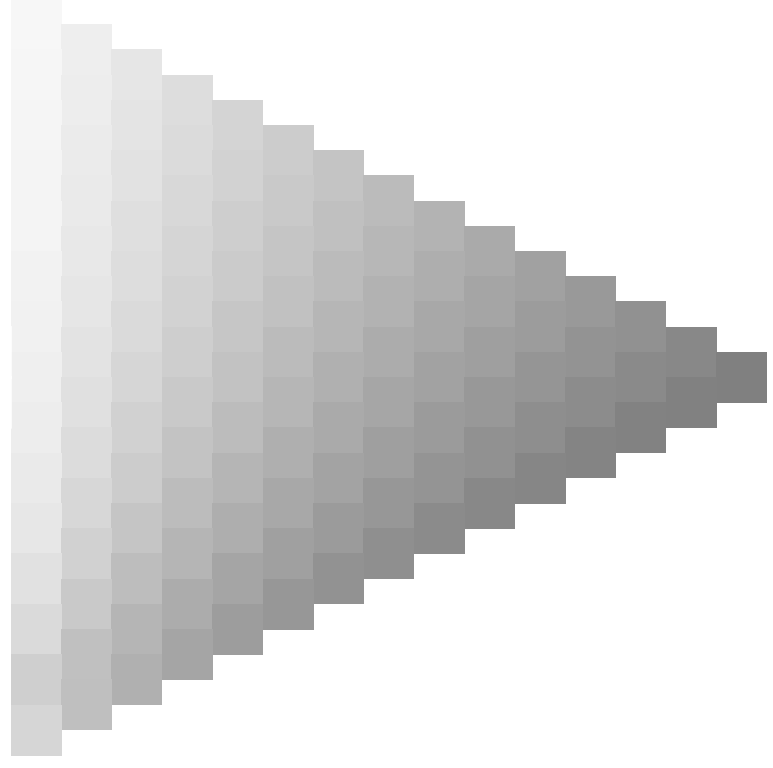
QS1400L



http://130.149.60.45/~farbmetrik/QS14/QS14L0NP.PDF /.PS; salida de transferencia
N: ninguna 3D-linealización (OL) en archivo (F) o PS-startup (S), página 4/33







vea archivos semejantes: http://130.149.60.45/~farbmetrik/QS14/QS14.HTM
información técnica: http://www.ps.bam.de o http://130.149.60.45/~farbmetrik

TUB matrícula: 20130201-QS14/QS14L0NP.PDF /.PS
aplicación para la medida salida en la impresión offset, separación cmyn6 (CMYK)

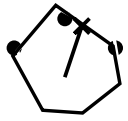
TUB material: code=rha4ta

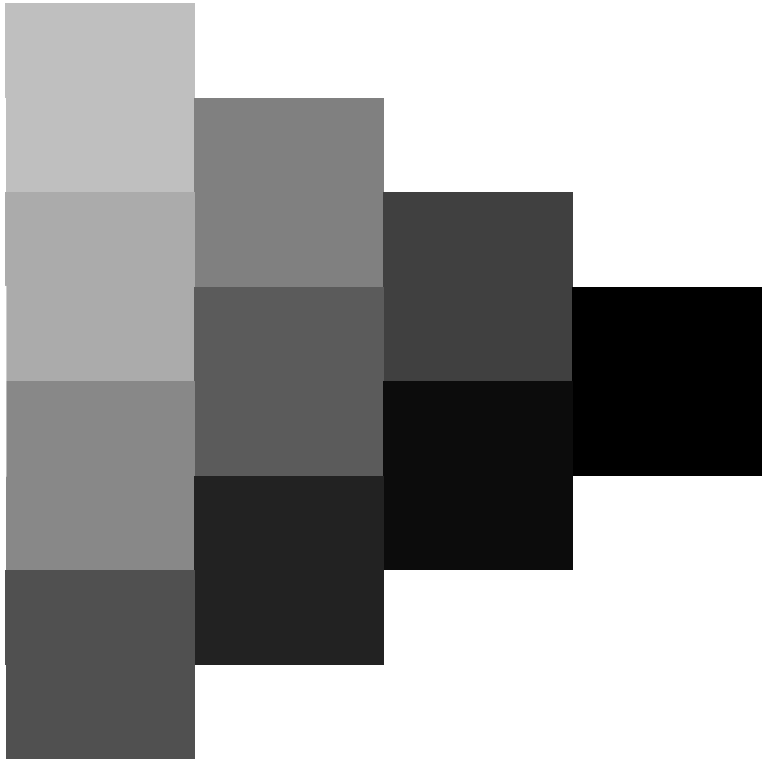
2-003330-L0 QS140-70

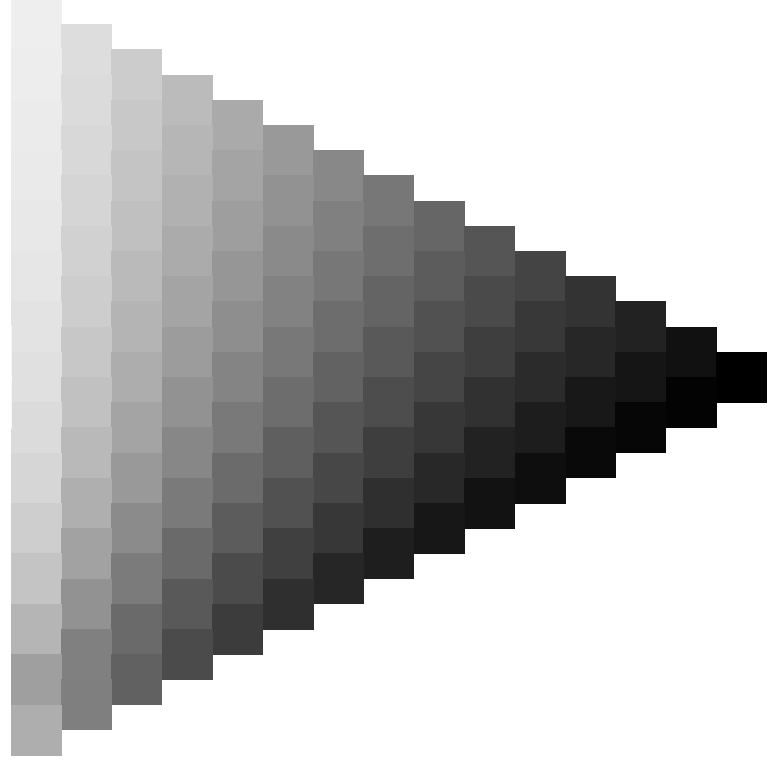
gráfico TUB-QS14; código de tono: H^*_d=R50Y_d
gráfico según a DIN 33872, 3D=0, de=0, *cmyk*

entrada: *rgb/cmyk* -> rgb_d
salida: transfiera a $cmyk_d$

2-003330-F0



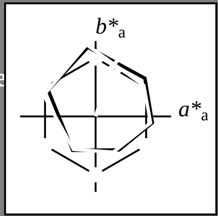




Entrada i salida: Offset Reflective System ORS18a for relative CIELAB hue $h_{ab,a,rel} = h_{ab}/360 = 71/360 = 0.19$

H^*_d = R50Y_d

Datos del dispositivo (d) o elemental (e) color:
HIC*$_d$
código de tono para les colore esta página:
H^*_d = R50Y_d
triàngulo claridad *T**

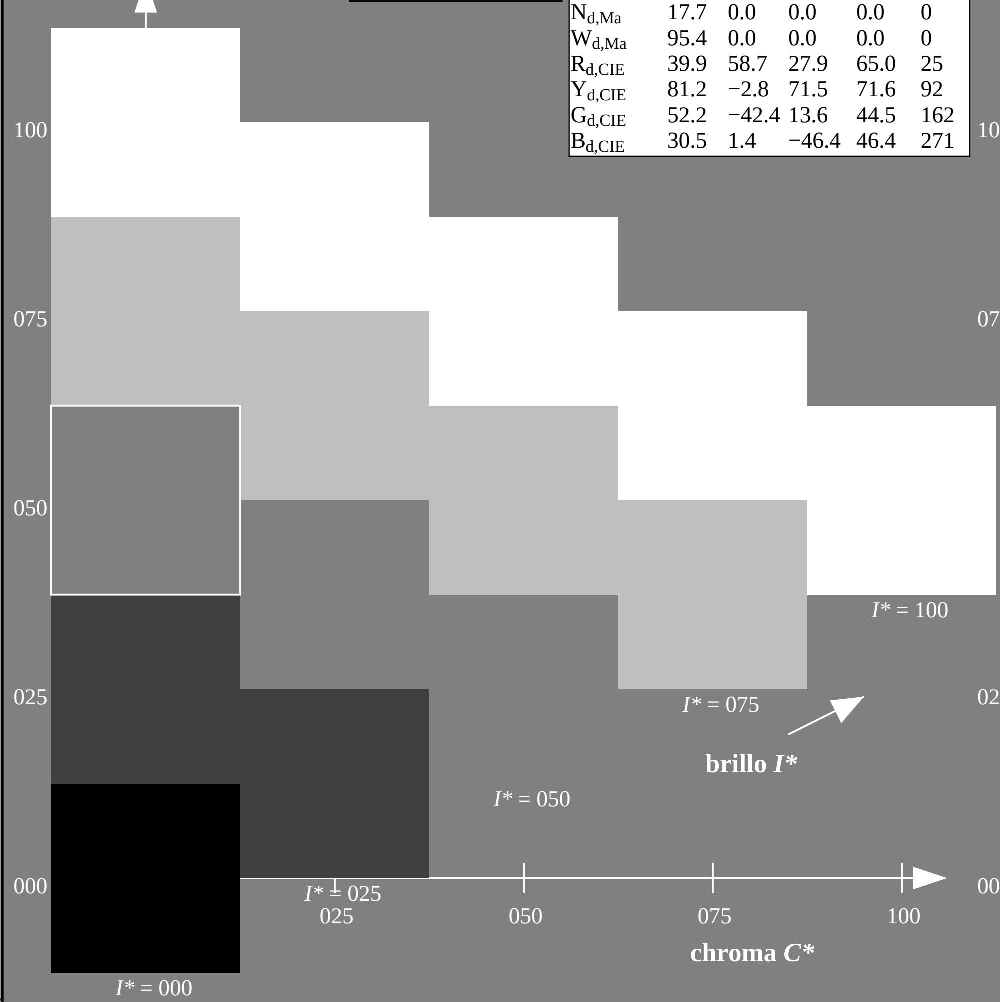


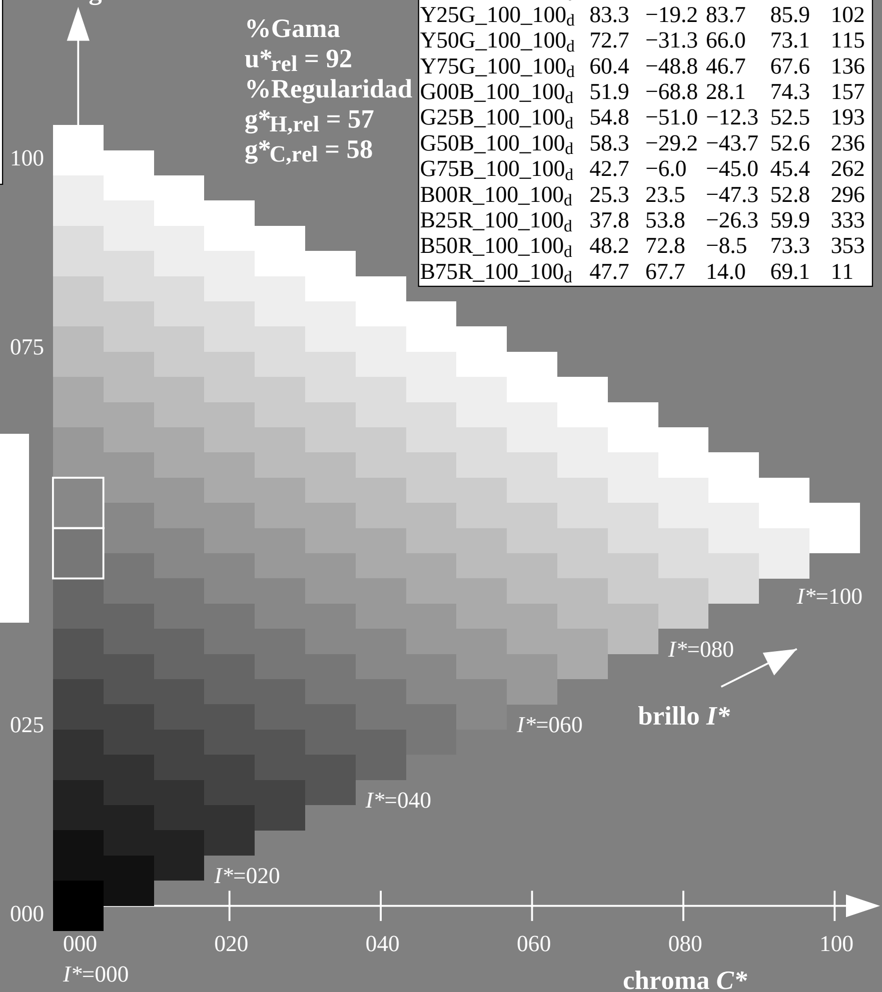
ORS20a; datos adaptados CIELAB (a)					
name	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
$R_{d,Ma}$	47.3	63.8	41.2	76.0	32
$Y_{d,Ma}$	88.3	−11.9	95.1	95.8	97
$G_{d,Ma}$	51.9	−68.8	28.1	74.3	157
$C_{d,Ma}$	58.3	−29.2	−43.7	52.6	236
$B_{d,Ma}$	25.3	23.5	−47.3	52.8	296
$M_{d,Ma}$	48.2	72.8	−8.5	73.3	353
$N_{d,Ma}$	17.7	0.0	0.0	0.0	0
$W_{d,Ma}$	95.4	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

Los datos de color máximo (Ma):
***LabCh*$_{d,Ma}$*: 67 22 67 71 71**
***HIC*$_{d,Ma}$*: R50Y_100_100$_d$**
***rgbic*$_{d,Ma}$*:**
1.0 0.5 0.0 1.0 1.0
triàngulo claridad *T**

%Gama
u^*_{rel} = 92
%Regularidad
$g^*_{H,rel}$ = 57
$g^*_{C,rel}$ = 58

ORS20a; datos adaptados CIELAB (a)					
H^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
R00Y_100_100$_d$	47.3	63.8	41.2	76.0	32
R25Y_100_100$_d$	55.3	45.8	52.2	69.5	48
R50Y_100_100$_d$	67.2	22.6	67.6	71.2	71
R75Y_100_100$_d$	79.9	1.0	83.9	83.9	89
Y00G_100_100$_d$	88.3	−11.9	95.1	95.8	97
Y25G_100_100$_d$	83.3	−19.2	83.7	85.9	102
Y50G_100_100$_d$	72.7	−31.3	66.0	73.1	115
Y75G_100_100$_d$	60.4	−48.8	46.7	67.6	136
G00B_100_100$_d$	51.9	−68.8	28.1	74.3	157
G25B_100_100$_d$	54.8	−51.0	−12.3	52.5	193
G50B_100_100$_d$	58.3	−29.2	−43.7	52.6	236
G75B_100_100$_d$	42.7	−6.0	−45.0	45.4	262
B00R_100_100$_d$	25.3	23.5	−47.3	52.8	296
B25R_100_100$_d$	37.8	53.8	−26.3	59.9	333
B50R_100_100$_d$	48.2	72.8	−8.5	73.3	353
B75R_100_100$_d$	47.7	67.7	14.0	69.1	11

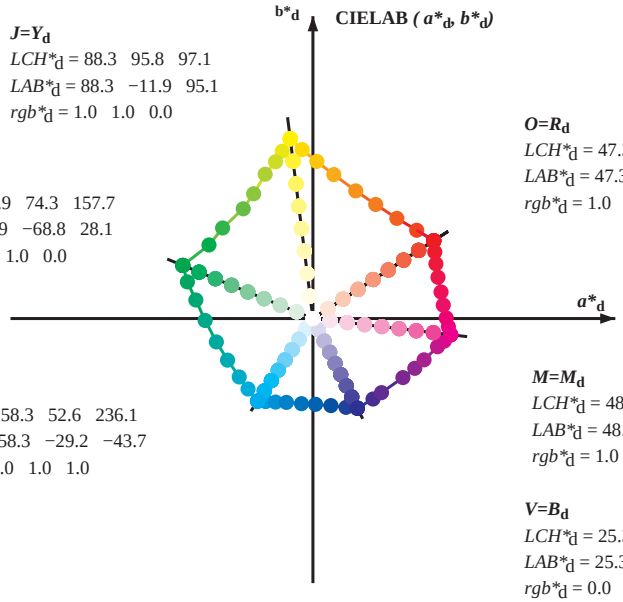




vea archivos semejantes: http://130.149.60.45/~farbmetrik/QS14/QS14.HTM
información técnica: http://www.ps.bam.de o http://130.149.60.45/~farbmetrik

TUB matrícula: 20130201-QS14/QS14L0NP.PDF /.PS
aplicación para la medida salida en la impresión offset, separación cmyn6 (CMYK)
TUB material: code=rha4ta

Data of Maximum color M in colorimetric system Offset standard print; separation cmyn6*, D65 for input or output; Six hue angles of the 60 degree standard colours *RYGCBM*$_s$: $h_{ab,ds}$ = 30.0, 90.0, 150.0, 210.0, 270.0, 330.0; Six hue angles of the device colours *RYGCBM*$_d$: $h_{ab,d}$ = 32.8, 97.2, 157.8, 236.2, 296.4, 353.3; Six hue angles of the elementary colours *RYGCBM*$_e$: $h_{ab,e}$ = 25.5, 92.3, 162.2, 217.0, 271.7, 328.6



CIELAB (a^*_d, b^*_d)

$J=Y_d$
LCH^*_d = 88.3 95.8 97.1
LAB^*_d = 88.3 −11.9 95.1
rgb^*_d = 1.0 1.0 0.0

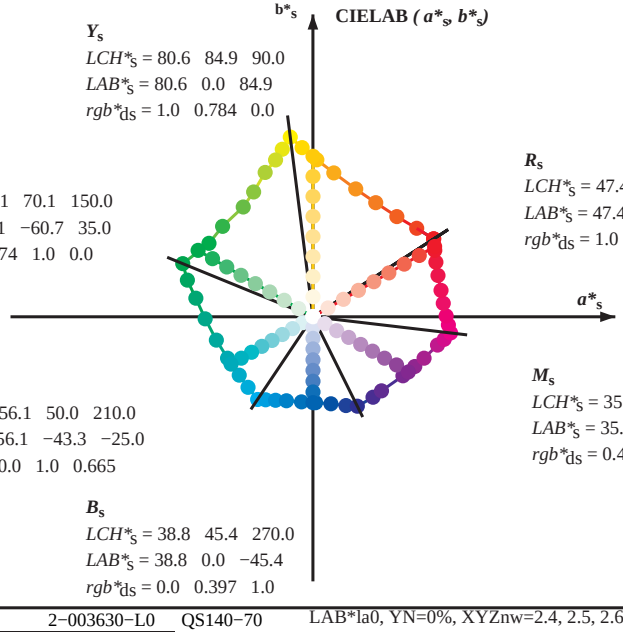
$L=G_d$
LCH^*_d = 51.9 74.3 157.7
LAB^*_d = 51.9 −68.8 28.1
rgb^*_d = 0.0 1.0 0.0

$C=C_d$
LCH^*_d = 58.3 52.6 236.1
LAB^*_d = 58.3 −29.2 −43.7
rgb^*_d = 0.0 1.0 1.0

$O=R_d$
LCH^*_d = 47.3 76.0 32.8
LAB^*_d = 47.3 63.8 41.2
rgb^*_d = 1.0 0.0 0.0

$M=M_d$
LCH^*_d = 48.2 73.3 353.3
LAB^*_d = 48.2 72.8 −8.5
rgb^*_d = 1.0 0.0 1.0

$V=B_d$
LCH^*_d = 25.3 52.8 296.4
LAB^*_d = 25.3 23.5 −47.3
rgb^*_d = 0.0 0.0 1.0



CIELAB (a^*_s, b^*_s)

Y_s
LCH^*_s = 80.6 84.9 90.0
LAB^*_s = 80.6 0.0 84.9
rgb^*_{ds} = 1.0 0.784 0.0

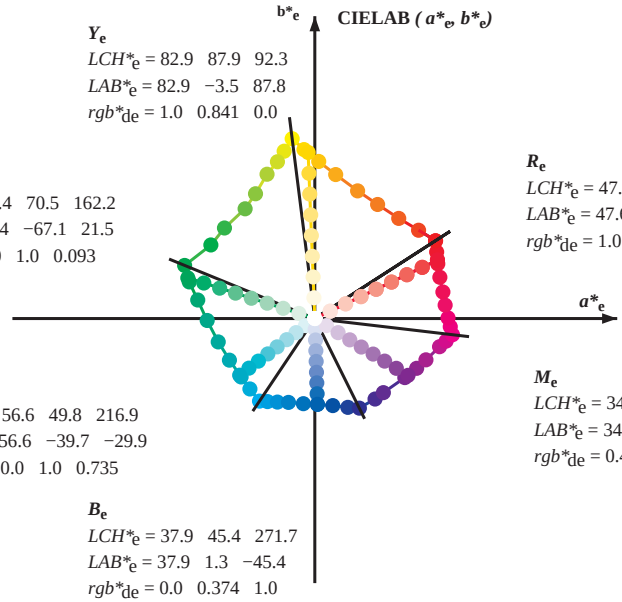
G_s
LCH^*_s = 55.1 70.1 150.0
LAB^*_s = 55.1 −60.7 35.0
rgb^*_{ds} = 0.074 1.0 0.0

C_s
LCH^*_s = 56.1 50.0 210.0
LAB^*_s = 56.1 −43.3 −25.0
rgb^*_{ds} = 0.0 1.0 0.665

B_s
LCH^*_s = 38.8 45.4 270.0
LAB^*_s = 38.8 0.0 −45.4
rgb^*_{ds} = 0.0 0.397 1.0

R_s
LCH^*_s = 47.4 74.2 30.0
LAB^*_s = 47.4 64.3 37.1
rgb^*_{ds} = 1.0 0.0 0.084

M_s
LCH^*_s = 35.6 58.3 330.0
LAB^*_s = 35.6 50.5 −29.1
rgb^*_{ds} = 0.431 0.0 1.0



CIELAB (a^*_e, b^*_e)

Y_e
LCH^*_e = 82.9 87.9 92.3
LAB^*_e = 82.9 −3.5 87.8
rgb^*_{de} = 1.0 0.841 0.0

G_e
LCH^*_e = 52.4 70.5 162.2
LAB^*_e = 52.4 −67.1 21.5
rgb^*_{de} = 0.0 1.0 0.093

C_e
LCH^*_e = 56.6 49.8 216.9
LAB^*_e = 56.6 −39.7 −29.9
rgb^*_{de} = 0.0 1.0 0.735

R_e
LCH^*_e = 47.6 71.9 25.4
LAB^*_e = 47.6 64.9 30.9
rgb^*_{de} = 1.0 0.0 0.209

M_e
LCH^*_e = 34.8 57.7 328.6
LAB^*_e = 34.8 49.2 −30.0
rgb^*_{de} = 0.407 0.0 1.0

B_e
LCH^*_e = 37.9 45.4 271.7
LAB^*_e = 37.9 1.3 −45.4
rgb^*_{de} = 0.0 0.374 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

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

$h_{ab,s}$

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

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

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

$h_{ab,e}$

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

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

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

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

rgb^*_{de}

QS1400L

TUB matrícula: 20130201-QS14/QS14L0NP.PDF /.PS
aplicación para la medida salida en la impresión offset, separación cmyn6 (CMYK)

TUB material: code=rha4ta

vea archivos semejantes: http://130.149.60.45/~farbmetrik/QS14/QS14.HTM
información técnica: http://www.ps.bam.de o http://130.149.60.45/~farbmetrik

Data of Maximum color M in colorimetric system Offset standard print; separation cmyn6*, D65 for input or output; Six hue angles of the 60 degree standard colours *RYGCBM*$_s$: $h_{ab,ds}$ = 30.0, 90.0, 150.0, 210.0, 270.0, 330.0;
Six hue angles of the device colours *RYGCBM*$_d$: $h_{ab,d}$ = 32.8, 97.2, 157.8, 236.2, 296.4, 353.3; Six hue angles of the elementary colours *RYGCBM*$_e$: $h_{ab,e}$ = 25.5, 92.3, 162.2, 217.0, 271.7, 328.6

$h_{ab,d}$	$h_{ab,s}$	$h_{ab,e}$	*rgb**dd64M			*LAB**ddx64M (x=LabCh)					*rgb**ddx361M			*LAB**ddx361M (x=LabCh)					*rgb**dsx361M			*LAB**dsx361M (x=LabCh)					*rgb**dex361M			*LAB**dex361M					rgb*$_{dd}$ *rgb**$_{ds}$ *rgb**$_{de}$
32.8	30.0	25.4	1.0	0.0	0.0	47.3	63.8	41.2	76.0	32.8	1.0	0.0	0.0	47.4	63.9	41.2	76.0	32	1.0	0.0	0.084	47.4	64.3	37.1	74.3	30	1.0	0.0	0.209	47.6	64.9	30.9	71.9	25	
40.4	37.5	33.8	1.0	0.125	0.0	51.2	54.9	46.7	72.1	40.4	1.0	0.117	0.0	51.0	55.5	46.5	72.4	39	1.0	0.069	0.0	49.5	59.0	44.5	73.9	37	1.0	0.007	0.0	47.6	63.4	41.6	75.8	33	
50.0	45.0	42.1	1.0	0.25	0.0	56.0	44.4	53.0	69.1	50.0	1.0	0.25	0.0	56.0	44.4	53.0	69.2	50	1.0	0.185	0.0	53.5	50.0	50.0	70.7	45	1.0	0.148	0.0	52.1	53.0	48.1	71.6	42	
61.1	52.5	50.5	1.0	0.375	0.0	61.4	33.2	60.3	68.8	61.1	1.0	0.367	0.0	61.1	34.0	59.9	68.9	60	1.0	0.272	0.0	57.0	42.6	54.5	69.1	52	1.0	0.25	0.0	56.0	44.5	53.0	69.2	49	
71.4	60.0	58.8	1.0	0.5	0.0	67.2	22.6	67.6	71.2	71.4	1.0	0.5	0.0	67.2	22.6	67.6	71.3	71	1.0	0.362	0.0	60.9	34.5	59.7	68.9	60	1.0	0.35	0.0	60.3	35.6	59.0	69.0	58	
81.7	67.5	67.2	1.0	0.625	0.0	73.6	11.0	76.1	76.9	81.7	1.0	0.617	0.0	73.2	11.9	75.7	76.6	81	1.0	0.446	0.0	64.7	27.4	64.7	70.3	67	1.0	0.442	0.0	64.5	27.8	64.5	70.2	66	
88.5	75.0	75.6	1.0	0.75	0.0	79.2	2.0	83.0	83.1	88.5	1.0	0.75	0.0	79.3	2.0	83.1	83.1	88	1.0	0.543	0.0	69.4	19.0	70.7	73.2	75	1.0	0.55	0.0	69.8	18.3	71.3	73.6	75	
93.6	82.5	83.9	1.0	0.875	0.0	84.2	−5.7	89.4	89.6	93.6	1.0	0.867	0.0	84.0	−5.1	89.1	89.2	93	1.0	0.629	0.0	73.8	10.7	76.5	77.2	82	1.0	0.655	0.0	75.0	9.0	77.9	78.5	83	
97.1	90.0	92.3	1.0	1.0	0.0	88.3	−11.9	95.1	95.8	97.1	1.0	1.0	0.0	88.4	−11.9	95.1	95.9	97	1.0	0.785	0.0	80.7	0.0	84.9	84.9	90	1.0	0.842	0.0	83.0	−3.4	87.8	87.9	92	
100.3	97.5	101.0	0.875	1.0	0.0	85.8	−16.2	88.6	90.0	100.3	0.883	1.0	0.0	86.0	−15.9	89.0	90.5	100	1.0	0.994	0.0	88.2	−11.5	94.8	95.6	97	0.871	1.0	0.0	85.8	−16.2	88.4	89.9	100	
103.3	105.0	109.7	0.75	1.0	0.0	82.9	−19.7	83.0	85.3	103.3	0.75	1.0	0.0	83.0	−19.6	83.0	85.3	103	0.709	1.0	0.0	81.0	−21.6	80.9	83.7	105	0.599	1.0	0.0	76.2	−26.6	74.3	78.9	109	
108.3	112.5	118.5	0.625	1.0	0.0	77.0	−25.2	76.3	80.4	108.3	0.633	1.0	0.0	77.5	−24.8	76.8	80.8	107	0.56	1.0	0.0	74.9	−28.6	71.1	76.6	112	0.455	1.0	0.0	71.4	−33.4	63.2	71.6	117	
115.3	120.0	127.2	0.5	1.0	0.0	72.7	−31.3	66.0	73.1	115.3	0.5	1.0	0.0	72.8	−31.3	66.1	73.1	115	0.418	1.0	0.0	70.3	−35.1	60.9	70.3	120	0.327	1.0	0.0	65.8	−41.3	54.4	68.4	127	
122.4	127.5	136.0	0.375	1.0	0.0	68.9	−36.9	58.1	68.8	122.4	0.383	1.0	0.0	69.2	−36.5	58.6	69.1	121	0.329	1.0	0.0	66.0	−41.1	54.6	68.4	127	0.244	1.0	0.0	60.7	−48.1	47.5	67.6	135	
134.9	135.0	144.7	0.25	1.0	0.0	60.8	−47.8	47.8	67.6	134.9	0.25	1.0	0.0	60.9	−47.7	47.9	67.7	134	0.249	1.0	0.0	60.9	−47.7	47.8	67.7	135	0.124	1.0	0.0	57.4	−54.9	38.9	67.4	144	
144.6	142.5	153.4	0.125	1.0	0.0	57.4	−54.9	38.9	67.3	144.6	0.133	1.0	0.0	57.6	−54.4	39.6	67.4	144	0.159	1.0	0.0	58.4	−53.0	41.5	67.4	142	0.047	1.0	0.0	54.0	−63.8	32.7	71.7	152	
157.7	150.0	162.2	0.0	1.0	0.0	51.9	−68.8	28.1	74.3	157.7	0.0	1.0	0.0	52.0	−68.8	28.1	74.4	157	0.074	1.0	0.0	55.2	−60.7	35.1	70.2	150	0.0	1.0	0.093	52.4	−67.0	21.5	70.5	162	
163.7	157.5	169.0	0.0	1.0	0.125	52.5	−66.4	19.3	69.1	163.7	0.0	1.0	0.117	52.5	−66.5	19.9	69.5	163	0.008	1.0	0.0	52.3	−68.0	28.9	73.9	157	0.0	1.0	0.209	53.1	−63.5	12.8	64.9	168	
170.9	165.0	175.9	0.0	1.0	0.25	53.2	−61.9	9.8	62.7	170.9	0.0	1.0	0.25	53.3	−61.9	9.8	62.8	170	0.0	1.0	0.147	52.7	−65.7	17.6	68.1	165	0.0	1.0	0.311	53.7	−59.7	4.3	59.9	175	
181.0	172.5	182.7	0.0	1.0	0.375	54.1	−56.9	−1.0	56.9	181.0	0.0	1.0	0.367	54.0	−57.3	−0.3	57.4	180	0.0	1.0	0.263	53.4	−61.5	8.7	62.2	172	0.0	1.0	0.387	54.2	−56.4	−2.2	56.5	182	
193.5	180.0	189.6	0.0	1.0	0.5	54.8	−51.0	−12.3	52.5	193.5	0.0	1.0	0.5	54.8	−51.0	−12.2	52.6	193	0.0	1.0	0.362	54.0	−57.5	0.0	57.6	180	0.0	1.0	0.46	54.6	−53.1	−8.9	54.0	189	
205.9	187.5	196.4	0.0	1.0	0.625	55.8	−45.1	−21.9	50.1	205.9	0.0	1.0	0.617	55.8	−45.5	−21.3	50.3	205	0.0	1.0	0.434	54.5	−54.4	−6.6	54.9	187	0.0	1.0	0.524	55.0	−50.0	−14.3	52.1	195	
218.4	195.0	203.2	0.0	1.0	0.75	56.7	−38.9	−30.9	49.7	218.4	0.0	1.0	0.75	56.8	−38.9	−30.8	49.8	218	0.0	1.0	0.514	55.0	−50.4	−13.4	52.3	195	0.0	1.0	0.598	55.6	−46.5	−19.9	50.7	203	
227.3	202.5	210.1	0.0	1.0	0.875	57.5	−34.3	−37.2	50.6	227.3	0.0	1.0	0.867	57.5	−34.6	−36.8	50.6	226	0.0	1.0	0.585	55.5	−47.1	−19.0	50.9	202	0.0	1.0	0.662	56.1	−43.4	−24.7	50.1	209	
236.1	210.0	216.9	0.0	1.0	1.0	58.3	−29.2	−43.7	52.6	236.1	0.0	1.0	1.0	58.3	−29.2	−43.6	52.6	236	0.0	1.0	0.666	56.1	−43.2	−24.9	50.0	210	0.0	1.0	0.736	56.7	−39.7	−29.9	49.8	216	
240.3	217.5	223.8	0.0	0.875	1.0	55.2	−25.0	−43.9	50.5	240.3	0.0	0.883	1.0	55.5	−25.2	−43.8	50.7	240	0.0	1.0	0.736	56.7	−39.7	−29.9	49.8	217	0.0	1.0	0.819	57.2	−36.4	−34.4	50.3	223	
245.8	225.0	230.6	0.0	0.75	1.0	51.7	−19.7	−44.1	48.3	245.8	0.0	0.75	1.0	51.8	−19.7	−44.1	48.4	245	0.0	1.0	0.842	57.4	−35.6	−35.6	50.4	225	0.0	1.0	0.922	57.9	−32.5	−39.7	51.4	230	
252.5	232.5	237.5	0.0	0.625	1.0	47.7	−13.9	−44.4	46.5	252.5	0.0	0.633	1.0	48.0	−14.2	−44.3	46.7	252	0.0	1.0	0.941	58.0	−31.7	−40.7	51.7	232	0.0	0.974	1.0	57.7	−28.3	−43.7	52.2	237	
262.3	240.0	244.3	0.0	0.5	1.0	42.7	−6.0	−45.0	45.4	262.3	0.0	0.5	1.0	42.8	−5.9	−44.9	45.4	262	0.0	0.886	1.0	55.5	−25.3	−43.8	50.7	240	0.0	0.785	1.0	52.7	−21.1	−44.1	49.0	244	
271.7	247.5	251.2	0.0	0.375	1.0	37.9	1.3	−45.4	45.4	271.7	0.0	0.383	1.0	38.3	0.9	−45.3	45.4	271	0.0	0.729	1.0	51.1	−18.7	−44.2	48.1	247	0.0	0.659	1.0	48.9	−15.4	−44.3	47.1	250	
281.6	255.0	258.0	0.0	0.25	1.0	33.3	9.4	−46.0	47.0	281.6	0.0	0.25	1.0	33.3	9.5	−45.9	47.0	281	0.0	0.594	1.0	46.5	−11.9	−44.6	46.3	255	0.0	0.555	1.0	45.0	−9.4	−44.8	45.9	258	
290.3	262.5	264.8	0.0	0.125	1.0	28.6	17.4	−46.9	50.1	290.3	0.0	0.133	1.0	28.9	16.9	−46.9	49.9	289	0.0	0.505	1.0	43.0	−6.2	−44.9	45.5	262	0.0	0.472	1.0	41.7	−4.3	−45.1	45.4	264	
296.4	270.0	271.7	0.0	0.0	1.0	25.3	23.5	−47.3	52.8	296.4	0.0	0.0	1.0	25.3	23.5	−47.3	52.9	296	0.0	0.398	1.0	38.8	0.0	−45.3	45.4	270	0.0	0.375	1.0	37.9	1.4	−45.3	45.5	271	
306.7	277.5	278.8	0.125	0.0	1.0	29.3	31.8	−42.6	53.1	306.7	0.117	0.0	1.0	29.1	31.3	−42.9	53.1	306	0.0	0.309	1.0	35.5	5.6	−45.8	46.3	277	0.0	0.291	1.0	34.9	6.8	−45.9	46.5	278	
312.7	285.0	285.9	0.25	0.0	1.0	31.5	36.2	−39.2	53.4	312.7	0.25	0.0	1.0	31.6	36.3	−39.1	53.4	312	0.0	0.202	1.0	31.5	12.5	−46.5	48.2	285	0.0	0.188	1.0	31.0	13.3	−46.6	48.5	285	
326.7	292.5	293.0	0.375	0.0	1.0	33.8	47.6	−31.2	56.9	326.7	0.367	0.0	1.0	33.7	46.9	−31.8	56.7	325	0.0	0.091	1.0	27.7	19.1	−47.1	50.9	292	0.0	0.079	1.0	27.4	19.6	−47.1	51.1	292	
333.9	300.0	300.1	0.5	0.0	1.0	37.8	53.8	−26.3	59.9	333.9	0.5	0.0	1.0	37.9	53.8	−26.3	59.9	333	0.043	0.0	1.0	26.7	26.5	−45.8	53.0	300	0.046	0.0	1.0	26.8	26.6	−45.7	53.0	300	
339.6	307.5	307.2	0.625	0.0	1.0	40.9	58.8	−21.8	62.7	339.6	0.617	0.0	1.0	40.8	58.5	−22.1	62.6	339	0.13	0.0	1.0	29.4	32.0	−42.4	53.2	307	0.126	0.0	1.0	29.4	31.9	−42.5	53.2	306	
347.2	315.0	314.3	0.75	0.0	1.0	43.1	65.9	−14.9	67.6	347.2	0.75	0.0	1.0	43.1	66.0	−14.9	67.6	347	0.27	0.0	1.0	31.9	38.2	−38.1	54.0	315	0.265	0.0	1.0	31.8	37.7	−38.4	53.8	314	
350.2	322.5	321.4	0.875	0.0	1.0	45.9	69.4	−11.9	70.5	350.2	0.867	0.0	1.0	45.8	69.3	−12.0	70.3	350	0.333	0.0	1.0	33.1	43.9	−34.2	55.8	322	0.324	0.0	1.0	32.9	43.2	−34.8	55.5	321	
353.3	330.0	328.6	1.0	0.0	1.0	48.2	72.8	−8.5	73.3	353.3	1.0	0.0	1.0	48.3	72.9	−8.5	73.4	353	0.432	0.0	1.0	35.7	50.5	−29.1	58.3	330	0.407	0.0	1.0	34.9	49.3	−30.0	57.7	328	
356.5	337.5	335.7	1.0	0.0	0.875	48.2	71.6	−4.3	71.7	356.5	1.0	0.0	0.883	48.3	71.7	−4.5	71.9	356	0.567	0.0	1.0	39.6	56.6	−23.9	61.5	337	0.529	0.0	1.0	38.6	55.0	−25.3	60.6	335	
360.3	345.0	342.8	1.0	0.0	0.75	48.1	70.4	0.3	70.4	360.3	1.0	0.0	0.75	48.2	70.5	0.4	70.5	360	0.713	0.0	1.0	42.5	64.0	−17.0	66.2	345	0.678	0.0	1.0	41.9	61.9	−19.0	64.8	342	
365.8	352.5	349.9	1.0	0.0	0.625	48.0	68.9	7.1	69.3	365.8	1.0	0.0	0.633	48.1	69.1	6.7	69.4	365	0.946	0.0	1.0	47.3	71.4	−9.9	72.1	352	0.842	0.0	1.0	45.2	68.6	−12.7	69.8	349	
371.6	360.0	357.0	1.0	0.0	0.5	47.7	67.7	14.0	69.1	371.6	1.0	0.0	0.5	47.8	67.7	14.0	69.2	371	1.0	0.0	0.761	48.2	70.6	0.0	70.6	360	0.949	0.0	1.0	47.3	71.5	−9.9	72.2	352	
378.2	367.5	364.1	1.0	0.0	0.375	47.7	66.1	21.8	69.6	378.2	1.0	0.0	0.383	47.8	66.3	21.3	69.7	377	1.0	0.0	0.601	48.0	68.8	8.4	69.3	367	1.0	0.0	0.765	48.2	70.6	−0.1	70.6	359	
383.9	375.0	371.2	1.0	0.0	0.25	47.7	65.0	28.9	71.2	383.9	1.0	0.0	0.25	47.7	65.1	28.9	71.2	383	1.0	0.0	0.437	47.8	67.1	18.0	69.4	375	1.0	0.0	0.563	47.9	68.4	10.6	69.2	368	
388.6	382.5	378.3	1.0	0.0	0.125	47.4	64.4	35.1	73.4	388.6	1.0	0.0	0.133	47.5	64.5	34.8	73.3	388	1.0	0.0	0.293	47.7	65.5	26.5	70.7	382	1.0	0.0	0.408	47.8	66.7	19.8	69.6	376	
392.8	390.0	385.4	1.0	0.0	0.0	47.3	63.8	41.2	76.0	392.8	1.0	0.0	0.0	47.4	63.9	41.2	76.0	392	1.0	0.0	0.084	47.4	64.3	37.1	74.3	390	1.0	0.0	0.209	47.6	64.9	30.9	71.9	385	

2−003730−L0 QS140−70 LAB*la0, YN=0%, XYZnw=2.4, 2.5, 2.6, 85.1, 88.8, 104.3, LAB*nw=17.7, 0.0, 0.0, 95.5, 0.0, 0.0 salida: Offset standard print; separation cmyn6*, D65, página 8/33

2−003730−F0

gráfico TUB-QS14; código de tono: H*$_d$=R50Y$_d$
círculo de tono, 48 pasos; *rgb*−*LabCh**mesas

entrada: *rgb/cmyk* −> *rgb*$_d$
salida: transfiera a *cmyk*$_d$

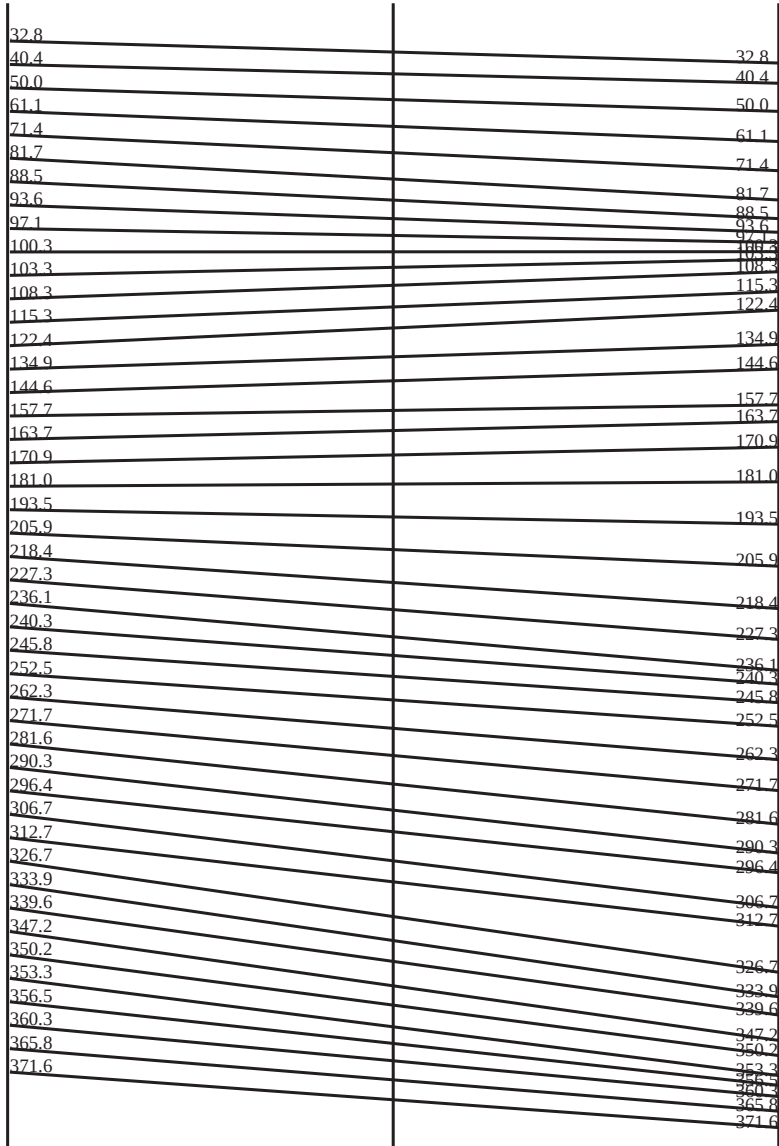
QS1400L

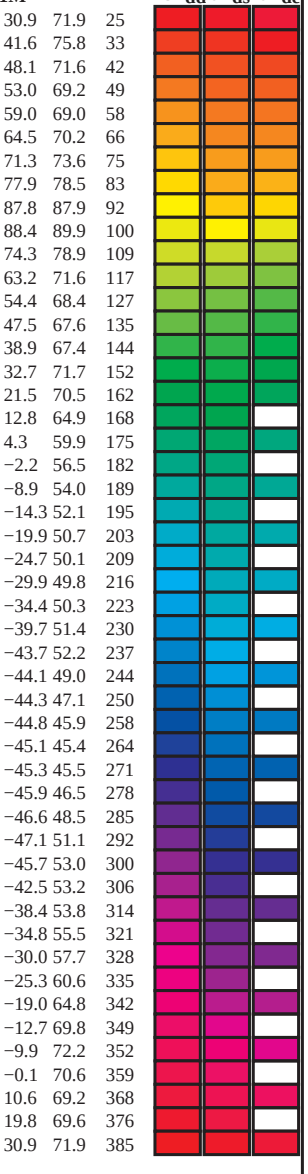
TUB matrícula: 20130201-QS14/QS14L0NP.PDF /.PS
aplicación para la medida salida en la impresión offset, separación cmyn6 (CMYK)
TUB material: code=rha4ta

vea archivos semejantes: http://130.149.60.45/~farbmetrik/QS14/QS14.HTM
información técnica: http://www.ps.bam.de o http://130.149.60.45/~farbmetrik

Data of Maximum color M in colorimetric system Offset standard print; separation cmyn6*, D65 for input or output; Six hue angles of the 60 degree standard colours *RYGCBM*$_s$: $h_{ab,ds}$ = 30.0, 90.0, 150.0, 210.0, 270.0, 330.0; Six hue angles of the device colours *RYGCBM*$_d$: $h_{ab,d}$ = 32.8, 97.2, 157.8, 236.2, 296.4, 353.3; Six hue angles of the elementary colours *RYGCBM*$_e$: $h_{ab,e}$ = 25.5, 92.3, 162.2, 217.0, 271.7, 328.6

$h_{ab,d}$	$h_{ab,s}$	$h_{ab,e}$	*rgb** dd64M			*LAB** ddx64M (x=LabCh)					*rgb** dex361M			*LAB** dex361M					rgb*$_{dd}$	*rgb**$_{ds}$	*rgb**$_{de}$
32.8	30.0	25.4	1.0	0.0	0.0	47.3	63.8	41.2	76.0	32.8	1.0	0.0	0.209	47.6	64.9	30.9	71.9	25			
40.4	37.5	33.8	1.0	0.125	0.0	51.2	54.9	46.7	72.1	40.4	1.0	0.007	0.0	47.6	63.4	41.6	75.8	33			
50.0	45.0	42.1	1.0	0.25	0.0	56.0	44.4	53.0	69.1	50.0	1.0	0.148	0.0	52.1	53.0	48.1	71.6	42			
61.1	52.5	50.5	1.0	0.375	0.0	61.4	33.2	60.3	68.8	61.1	1.0	0.25	0.0	56.0	44.5	53.0	69.2	49			
71.4	60.0	58.8	1.0	0.5	0.0	67.2	22.6	67.6	71.2	71.4	1.0	0.35	0.0	60.3	35.6	59.0	69.0	58			
81.7	67.5	67.2	1.0	0.625	0.0	73.6	11.0	76.1	76.9	81.7	1.0	0.442	0.0	64.5	27.8	64.5	70.2	66			
88.5	75.0	75.6	1.0	0.75	0.0	79.2	2.0	83.0	83.1	88.5	1.0	0.55	0.0	69.8	18.3	71.3	73.6	75			
93.6	82.5	83.9	1.0	0.875	0.0	84.2	−5.7	89.4	89.6	93.6	1.0	0.655	0.0	75.0	9.0	77.9	78.5	83			
97.1	90.0	92.3	1.0	1.0	0.0	88.3	−11.9	95.1	95.8	97.1	1.0	0.842	0.0	83.0	−3.4	87.8	87.9	92			
100.3	97.5	101.0	0.875	1.0	0.0	85.8	−16.2	88.6	90.0	100.3	0.871	1.0	0.0	85.8	−16.2	88.4	89.9	100			
103.3	105.0	109.7	0.75	1.0	0.0	82.9	−19.7	83.0	85.3	103.3	0.599	1.0	0.0	76.2	−26.6	74.3	78.9	109			
108.3	112.5	118.5	0.625	1.0	0.0	77.0	−25.2	76.3	80.4	108.3	0.455	1.0	0.0	71.4	−33.4	63.2	71.6	117			
115.3	120.0	127.2	0.5	1.0	0.0	72.7	−31.3	66.0	73.1	115.3	0.327	1.0	0.0	65.8	−41.3	54.4	68.4	127			
122.4	127.5	136.0	0.375	1.0	0.0	68.9	−36.9	58.1	68.8	122.4	0.244	1.0	0.0	60.7	−48.1	47.5	67.6	135			
134.9	135.0	144.7	0.25	1.0	0.0	60.8	−47.8	47.8	67.6	134.9	0.124	1.0	0.0	57.4	−54.9	38.9	67.4	144			
144.6	142.5	153.4	0.125	1.0	0.0	57.4	−54.9	38.9	67.3	144.6	0.047	1.0	0.0	54.0	−63.8	32.7	71.7	152			
157.7	150.0	162.2	0.0	1.0	0.0	51.9	−68.8	28.1	74.3	157.7	0.0	1.0	0.093	52.4	−67.0	21.5	70.5	162			
163.7	157.5	169.0	0.0	1.0	0.125	52.5	−66.4	19.3	69.1	163.7	0.0	1.0	0.209	53.1	−63.5	12.8	64.9	168			
170.9	165.0	175.9	0.0	1.0	0.25	53.2	−61.9	9.8	62.7	170.9	0.0	1.0	0.311	53.7	−59.7	4.3	59.9	175			
181.0	172.5	182.7	0.0	1.0	0.375	54.1	−56.9	−1.0	56.9	181.0	0.0	1.0	0.387	54.2	−56.4	−2.2	56.5	182			
193.5	180.0	189.6	0.0	1.0	0.5	54.8	−51.0	−12.3	52.5	193.5	0.0	1.0	0.46	54.6	−53.1	−8.9	54.0	189			
205.9	187.5	196.4	0.0	1.0	0.625	55.8	−45.1	−21.9	50.1	205.9	0.0	1.0	0.524	55.0	−50.0	−14.3	52.1	195			
218.4	195.0	203.2	0.0	1.0	0.75	56.7	−38.9	−30.9	49.7	218.4	0.0	1.0	0.598	55.6	−46.5	−19.9	50.7	203			
227.3	202.5	210.1	0.0	1.0	0.875	57.5	−34.3	−37.2	50.6	227.3	0.0	1.0	0.662	56.1	−43.4	−24.7	50.1	209			
236.1	210.0	216.9	0.0	1.0	1.0	58.3	−29.2	−43.7	52.6	236.1	0.0	1.0	0.736	56.7	−39.7	−29.9	49.8	216			
240.3	217.5	223.8	0.0	0.875	1.0	55.2	−25.0	−43.9	50.5	240.3	0.0	1.0	0.819	57.2	−36.4	−34.4	50.3	223			
245.8	225.0	230.6	0.0	0.75	1.0	51.7	−19.7	−44.1	48.3	245.8	0.0	1.0	0.922	57.9	−32.5	−39.7	51.4	230			
252.5	232.5	237.5	0.0	0.625	1.0	47.7	−13.9	−44.4	46.5	252.5	0.0	0.974	1.0	57.7	−28.3	−43.7	52.2	237			
262.3	240.0	244.3	0.0	0.5	1.0	42.7	−6.0	−45.0	45.4	262.3	0.0	0.785	1.0	52.7	−21.1	−44.1	49.0	244			
271.7	247.5	251.2	0.0	0.375	1.0	37.9	1.3	−45.4	45.4	271.7	0.0	0.659	1.0	48.9	−15.4	−44.3	47.1	250			
281.6	255.0	258.0	0.0	0.25	1.0	33.3	9.4	−46.0	47.0	281.6	0.0	0.555	1.0	45.0	−9.4	−44.8	45.9	258			
290.3	262.5	264.8	0.0	0.125	1.0	28.6	17.4	−46.9	50.1	290.3	0.0	0.472	1.0	41.7	−4.3	−45.1	45.4	264			
296.4	270.0	271.7	0.0	0.0	1.0	25.3	23.5	−47.3	52.8	296.4	0.0	0.375	1.0	37.9	1.4	−45.3	45.5	271			
306.7	277.5	278.8	0.125	0.0	1.0	29.3	31.8	−42.6	53.1	306.7	0.0	0.291	1.0	34.9	6.8	−45.9	46.5	278			
312.7	285.0	285.9	0.25	0.0	1.0	31.5	36.2	−39.2	53.4	312.7	0.0	0.188	1.0	31.0	13.3	−46.6	48.5	285			
326.7	292.5	293.0	0.375	0.0	1.0	33.8	47.6	−31.2	56.9	326.7	0.0	0.079	1.0	27.4	19.6	−47.1	51.1	292			
333.9	300.0	300.1	0.5	0.0	1.0	37.8	53.8	−26.3	59.9	333.9	0.046	0.0	1.0	26.8	26.6	−45.7	53.0	300			
339.6	307.5	307.2	0.625	0.0	1.0	40.9	58.8	−21.8	62.7	339.6	0.126	0.0	1.0	29.4	31.9	−42.5	53.2	306			
347.2	315.0	314.3	0.75	0.0	1.0	43.1	65.9	−14.9	67.6	347.2	0.265	0.0	1.0	31.8	37.7	−38.4	53.8	314			
350.2	322.5	321.4	0.875	0.0	1.0	45.9	69.4	−11.9	70.5	350.2	0.324	0.0	1.0	32.9	43.2	−34.8	55.5	321			
353.3	330.0	328.6	1.0	0.0	1.0	48.2	72.8	−8.5	73.3	353.3	0.407	0.0	1.0	34.9	49.3	−30.0	57.7	328			
356.5	337.5	335.7	1.0	0.0	0.875	48.2	71.6	−4.3	71.7	356.5	0.529	0.0	1.0	38.6	55.0	−25.3	60.6	335			
360.3	345.0	342.8	1.0	0.0	0.75	48.1	70.4	0.3	70.4	360.3	0.678	0.0	1.0	41.9	61.9	−19.0	64.8	342			
365.8	352.5	349.9	1.0	0.0	0.625	48.0	68.9	7.1	69.3	365.8	0.842	0.0	1.0	45.2	68.6	−12.7	69.8	349			
371.6	360.0	357.0	1.0	0.0	0.5	47.7	67.7	14.0	69.1	371.6	0.949	0.0	1.0	47.3	71.5	−9.9	72.2	352			
378.2	367.5	364.1	1.0	0.0	0.375	47.7	66.1	21.8	69.6	378.2											
383.9	375.0	371.2	1.0	0.0	0.25	47.7	65.0	28.9	71.2	383.9	1.0	0.0	0.765	48.2	70.6	−0.1	70.6	359			
388.6	382.5	378.3	1.0	0.0	0.125	47.4	64.4	35.1	73.4	388.6	1.0	0.0	0.563	47.9	68.4	10.6	69.2	368			
392.8	390.0	385.4	1.0	0.0	0.0	47.3	63.8	41.2	76.0	392.8	1.0	0.0	0.408	47.8	66.7	19.8	69.6	376			
											1.0	0.0	0.209	47.6	64.9	30.9	71.9	385			





2−003830−L0 QS140−70 LAB*la0, YN=0%, XYZnw=2.4, 2.5, 2.6, 85.1, 88.8, 104.3, LAB*nw=17.7, 0.0, 0.0, 95.5, 0.0, 0.0 salida: Offset standard print; separation cmyn6*, D65, página 9/33

gráfico TUB-QS14; código de tono: H*$_d$=R50Y$_d$
círculo de tono, 48 pasos; *rgb−LabCh*mesas

entrada: *rgb/cmyk −> rgb*$_d$
salida: transfiera a *cmyk*$_d$

2−003830−F0

Data of Maximum color M in colorimetric system Offset standard print; separation cmyn6*, D65 for input or output; Six hue angles of the 60 degree standard colours *RYGCBM*$_s$: $h_{ab,ds}$ = 30.0, 90.0, 150.0, 210.0, 270.0, 330.0; Six hue angles of the device colours *RYGCBM*$_d$: $h_{ab,d}$ = 32.8, 97.2, 157.8, 236.2, 296.4, 353.3; Six hue angles of the elementary colours *RYGCBM*$_e$: $h_{ab,e}$ = 25.5, 92.3, 162.2, 217.0, 271.7, 328.6

$h_{ab,d}$	$h_{ab,s}$	$h_{ab,e}$	*rgb**dd361M			*LAB**ddx361Mi (x=LabCh)					R_d	*rgb**ds361Mi			*LAB**dsx361Mi (x=LabCh)					R_s	*rgb**dd361Mi			*rgb**de361Mi			*LAB**dex361Mi (x=LabCh)					R_e	*rgb**dd361Mi		
32	30	25	1.0	0.0	0.0	47.3	63.8	41.2	76.0	32		1.0	0.0	0.084	47.4	64.3	37.1	74.3	30		1.0	0.0	0.0	1.0	0.0	0.209	47.6	64.9	30.9	71.9	25		1.0	0.0	0.0
33	31	26	1.0	0.016	0.0	47.8	62.7	42.0	75.4	33		1.0	0.0	0.054	47.4	64.2	38.6	74.9	31		1.0	0.017	0.0	1.0	0.0	0.18	47.6	64.8	32.4	72.5	26		1.0	0.017	0.0
34	32	27	1.0	0.033	0.0	48.3	61.5	42.8	74.9	34		1.0	0.0	0.025	47.4	64.0	40.0	75.5	32		1.0	0.033	0.0	1.0	0.0	0.15	47.5	64.6	33.9	73.0	27		1.0	0.033	0.0
35	33	28	1.0	0.05	0.0	48.9	60.3	43.6	74.4	35		1.0	0.003	0.0	47.5	63.7	41.3	75.9	33		1.0	0.05	0.0	1.0	0.0	0.119	47.5	64.4	35.5	73.6	28		1.0	0.05	0.0
36	34	29	1.0	0.066	0.0	49.4	59.1	44.3	73.9	36		1.0	0.019	0.0	48.0	62.5	42.2	75.4	34		1.0	0.067	0.0	1.0	0.0	0.086	47.4	64.3	37.0	74.2	29		1.0	0.067	0.0
37	35	31	1.0	0.083	0.0	49.9	57.9	45.1	73.4	37		1.0	0.036	0.0	48.5	61.4	43.0	74.9	35		1.0	0.083	0.0	1.0	0.0	0.053	47.4	64.2	38.6	74.9	31		1.0	0.083	0.0
38	36	32	1.0	0.1	0.0	50.4	56.7	45.7	72.9	38		1.0	0.052	0.0	49.0	60.2	43.7	74.4	36		1.0	0.1	0.0	1.0	0.0	0.02	47.4	64.0	40.2	75.6	32		1.0	0.1	0.0
39	37	33	1.0	0.116	0.0	50.9	55.5	46.4	72.3	39		1.0	0.069	0.0	49.5	59.0	44.5	73.9	37		1.0	0.117	0.0	1.0	0.007	0.0	47.6	63.4	41.6	75.8	33		1.0	0.117	0.0
41	38	34	1.0	0.133	0.0	51.5	54.2	47.2	71.9	41		1.0	0.085	0.0	50.0	57.8	45.2	73.4	38		1.0	0.133	0.0	1.0	0.026	0.0	48.2	62.1	42.5	75.2	34		1.0	0.133	0.0
42	39	35	1.0	0.15	0.0	52.1	52.8	48.1	71.5	42		1.0	0.101	0.0	50.5	56.6	45.9	72.9	39		1.0	0.15	0.0	1.0	0.044	0.0	48.7	60.8	43.4	74.6	35		1.0	0.15	0.0
43	40	36	1.0	0.166	0.0	52.8	51.4	49.0	71.1	43		1.0	0.118	0.0	51.0	55.4	46.5	72.4	40		1.0	0.167	0.0	1.0	0.062	0.0	49.3	59.5	44.2	74.1	36		1.0	0.167	0.0
44	41	37	1.0	0.183	0.0	53.4	50.1	49.9	70.7	44		1.0	0.132	0.0	51.5	54.3	47.2	72.0	41		1.0	0.183	0.0	1.0	0.081	0.0	49.8	58.1	45.0	73.5	37		1.0	0.183	0.0
46	42	38	1.0	0.2	0.0	54.1	48.7	50.7	70.3	46		1.0	0.145	0.0	52.0	53.2	47.9	71.7	42		1.0	0.2	0.0	1.0	0.099	0.0	50.4	56.8	45.8	72.9	38		1.0	0.2	0.0
47	43	39	1.0	0.216	0.0	54.7	47.3	51.5	69.9	47		1.0	0.158	0.0	52.5	52.2	48.7	71.3	43		1.0	0.217	0.0	1.0	0.117	0.0	51.0	55.5	46.5	72.4	39		1.0	0.217	0.0
48	44	41	1.0	0.233	0.0	55.3	45.8	52.2	69.5	48		1.0	0.172	0.0	53.0	51.1	49.3	71.0	44		1.0	0.233	0.0	1.0	0.133	0.0	51.5	54.2	47.3	71.9	41		1.0	0.233	0.0
50	45	42	1.0	0.25	0.0	56.0	44.4	53.0	69.1	50		1.0	0.185	0.0	53.5	50.0	50.0	70.7	45		1.0	0.25	0.0	1.0	0.148	0.0	52.1	53.0	48.1	71.6	42		1.0	0.25	0.0
51	46	43	1.0	0.266	0.0	56.7	43.0	54.1	69.1	51		1.0	0.198	0.0	54.0	48.9	50.7	70.4	46		1.0	0.267	0.0	1.0	0.162	0.0	52.7	51.9	48.9	71.2	43		1.0	0.267	0.0
52	47	44	1.0	0.283	0.0	57.4	41.5	55.1	69.1	52		1.0	0.211	0.0	54.5	47.8	51.3	70.1	47		1.0	0.283	0.0	1.0	0.177	0.0	53.2	50.6	49.6	70.9	44		1.0	0.283	0.0
54	48	45	1.0	0.3	0.0	58.2	40.1	56.2	69.0	54		1.0	0.224	0.0	55.0	46.7	51.9	69.8	48		1.0	0.3	0.0	1.0	0.191	0.0	53.8	49.4	50.4	70.6	45		1.0	0.3	0.0
55	49	46	1.0	0.316	0.0	58.9	38.6	57.1	69.0	55		1.0	0.237	0.0	55.5	45.6	52.4	69.5	49		1.0	0.317	0.0	1.0	0.206	0.0	54.3	48.2	51.1	70.2	46		1.0	0.317	0.0
57	50	47	1.0	0.333	0.0	59.6	37.1	58.1	68.9	57		1.0	0.25	0.0	56.0	44.5	53.0	69.2	50		1.0	0.333	0.0	1.0	0.22	0.0	54.9	47.0	51.7	69.9	47		1.0	0.333	0.0
58	51	48	1.0	0.35	0.0	60.3	35.5	59.0	68.9	58		1.0	0.261	0.0	56.5	43.5	53.7	69.2	51		1.0	0.35	0.0	1.0	0.235	0.0	55.5	45.7	52.4	69.5	48		1.0	0.35	0.0
60	52	49	1.0	0.366	0.0	61.0	34.0	59.9	68.9	60		1.0	0.272	0.0	57.0	42.6	54.5	69.1	52		1.0	0.367	0.0	1.0	0.25	0.0	56.0	44.5	53.0	69.2	49		1.0	0.367	0.0
61	53	51	1.0	0.383	0.0	61.8	32.5	60.8	69.0	61		1.0	0.283	0.0	57.5	41.6	55.2	69.1	53		1.0	0.383	0.0	1.0	0.262	0.0	56.6	43.4	53.8	69.1	51		1.0	0.383	0.0
63	54	52	1.0	0.4	0.0	62.5	31.2	61.9	69.3	63		1.0	0.295	0.0	58.0	40.6	55.9	69.1	54		1.0	0.4	0.0	1.0	0.275	0.0	57.1	42.4	54.6	69.1	52		1.0	0.4	0.0
64	55	53	1.0	0.416	0.0	63.3	29.8	62.9	69.6	64		1.0	0.306	0.0	58.5	39.6	56.6	69.1	55		1.0	0.417	0.0	1.0	0.287	0.0	57.6	41.3	55.4	69.1	53		1.0	0.417	0.0
65	56	54	1.0	0.433	0.0	64.1	28.4	63.9	70.0	65		1.0	0.317	0.0	58.9	38.6	57.2	69.0	56		1.0	0.433	0.0	1.0	0.3	0.0	58.2	40.2	56.2	69.1	54		1.0	0.433	0.0
67	57	55	1.0	0.45	0.0	64.9	27.0	64.9	70.3	67		1.0	0.328	0.0	59.4	37.6	57.9	69.0	57		1.0	0.45	0.0	1.0	0.312	0.0	58.7	39.0	56.9	69.0	55		1.0	0.45	0.0
68	58	56	1.0	0.466	0.0	65.6	25.6	65.8	70.6	68		1.0	0.34	0.0	59.9	36.6	58.5	69.0	58		1.0	0.467	0.0	1.0	0.325	0.0	59.3	37.9	57.7	69.0	56		1.0	0.467	0.0
70	59	57	1.0	0.483	0.0	66.4	24.1	66.7	70.9	70		1.0	0.351	0.0	60.4	35.5	59.1	69.0	59		1.0	0.483	0.0	1.0	0.337	0.0	59.8	36.8	58.4	69.0	57		1.0	0.483	0.0
71	60	58	1.0	0.5	0.0	67.2	22.6	67.6	71.2	71		1.0	0.362	0.0	60.9	34.5	59.7	68.9	60		1.0	0.5	0.0	1.0	0.35	0.0	60.3	35.6	59.0	69.0	58		1.0	0.5	0.0
72	61	60	1.0	0.516	0.0	68.0	21.2	68.8	72.0	72		1.0	0.373	0.0	61.4	33.4	60.3	68.9	61		1.0	0.517	0.0	1.0	0.362	0.0	60.9	34.5	59.7	68.9	60		1.0	0.517	0.0
74	62	61	1.0	0.533	0.0	68.9	19.7	70.0	72.8	74		1.0	0.385	0.0	61.9	32.4	61.0	69.1	62		1.0	0.533	0.0	1.0	0.375	0.0	61.4	33.3	60.3	68.9	61		1.0	0.533	0.0
75	63	62	1.0	0.55	0.0	69.7	18.2	71.2	73.5	75		1.0	0.397	0.0	62.5	31.5	61.8	69.3	63		1.0	0.55	0.0	1.0	0.388	0.0	62.0	32.2	61.2	69.1	62		1.0	0.55	0.0
76	64	63	1.0	0.566	0.0	70.6	16.7	72.4	74.3	76		1.0	0.409	0.0	63.0	30.5	62.5	69.6	64		1.0	0.567	0.0	1.0	0.402	0.0	62.7	31.1	62.0	69.4	63		1.0	0.567	0.0
78	65	64	1.0	0.583	0.0	71.5	15.1	73.5	75.0	78		1.0	0.421	0.0	63.6	29.5	63.2	69.8	65		1.0	0.583	0.0	1.0	0.415	0.0	63.3	30.0	62.9	69.7	64		1.0	0.583	0.0
79	66	65	1.0	0.6	0.0	72.3	13.5	74.6	75.8	79		1.0	0.434	0.0	64.2	28.5	64.0	70.0	66		1.0	0.6	0.0	1.0	0.428	0.0	63.9	28.9	63.7	69.9	65		1.0	0.6	0.0
81	67	66	1.0	0.616	0.0	73.2	11.8	75.6	76.6	81		1.0	0.446	0.0	64.7	27.4	64.7	70.3	67		1.0	0.617	0.0	1.0	0.442	0.0	64.5	27.8	64.5	70.2	66		1.0	0.617	0.0
82	68	67	1.0	0.633	0.0	74.0	10.4	76.6	77.3	82		1.0	0.458	0.0	65.3	26.4	65.4	70.5	68		1.0	0.633	0.0	1.0	0.455	0.0	65.2	26.6	65.2	70.4	67		1.0	0.633	0.0
83	69	68	1.0	0.65	0.0	74.7	9.3	77.6	78.2	83		1.0	0.47	0.0	65.8	25.3	66.0	70.7	69		1.0	0.65	0.0	1.0	0.469	0.0	65.8	25.4	66.0	70.7	68		1.0	0.65	0.0
84	70	70	1.0	0.666	0.0	75.5	8.2	78.6	79.0	84		1.0	0.482	0.0	66.4	24.3	66.7	70.9	70		1.0	0.667	0.0	1.0	0.482	0.0	66.4	24.2	66.7	71.0	70		1.0	0.667	0.0
84	71	71	1.0	0.683	0.0	76.2	7.0	79.5	79.8	84		1.0	0.494	0.0	66.9	23.2	67.3	71.2	71		1.0	0.683	0.0	1.0	0.496	0.0	67.0	23.0	67.4	71.2	71		1.0	0.683	0.0
85	72	72	1.0	0.7	0.0	77.0	5.8	80.4	80.6	85		1.0	0.506	0.0	67.5	22.1	68.1	71.6	72		1.0	0.7	0.0	1.0	0.509	0.0	67.7	21.9	68.3	71.7	72		1.0	0.7	0.0
86	73	73	1.0	0.716	0.0	77.7	4.5	81.3	81.4	86		1.0	0.518	0.0	68.2	21.1	69.0	72.1	73		1.0	0.717	0.0	1.0	0.523	0.0	68.4	20.7	69.3	72.3	73		1.0	0.717	0.0
87	74	74	1.0	0.733	0.0	78.5	3.3	82.2	82.3	87		1.0	0.531	0.0	68.8	20.0	69.9	72.7	74		1.0	0.733	0.0	1.0	0.537	0.0	69.1	19.5	70.3	73.0	74		1.0	0.733	0.0
88	75	75	1.0	0.75	0.0	79.2	2.0	83.0	83.1	88		1.0	0.543	0.0	69.4	19.0	70.7	73.2	75		1.0	0.75	0.0	1.0	0.55	0.0	69.8	18.3	71.3	73.6	75		1.0	0.75	0.0

*rgb*dd* *rgb*ds* *rgb*de*

2−003930−L0 QS140−70 LAB*la0, YN=0%, XYZnw=2.4, 2.5, 2.6, 85.1, 88.8, 104.3, LAB*nw=17.7, 0.0, 0.0, 95.5, 0.0, 0.0 salida: Offset standard print; separation cmyn6*, D65, página 10/33

gráfico TUB-QS14; código de tono: H*$_d$=R50Y$_d$
círculo de tono, 48 pasos; *rgb−LabCh**mesas

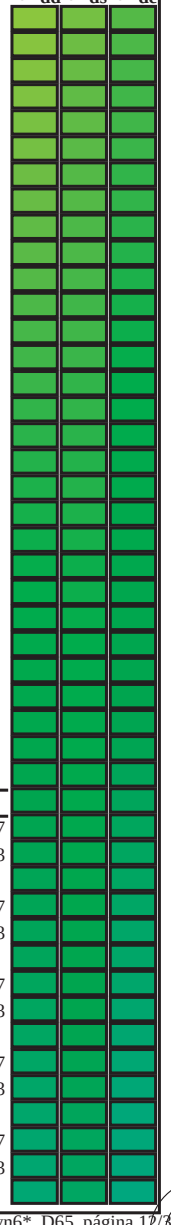
entrada: *rgb/cmyk* −> *rgb*$_d$
salida: transfiera a *cmyk*$_d$

Data of Maximum color M in colorimetric system Offset standard print; separation cmyn6*, D65 for input or output; Six hue angles of the 60 degree standard colours *RYGCBM*$_s$: $h_{ab,ds}$ = 30.0, 90.0, 150.0, 210.0, 270.0, 330.0;
Six hue angles of the device colours *RYGCBM*$_d$: $h_{ab,d}$ = 32.8, 97.2, 157.8, 236.2, 296.4, 353.3; Six hue angles of the elementary colours *RYGCBM*$_e$: $h_{ab,e}$ = 25.5, 92.3, 162.2, 217.0, 271.7, 328.6

$h_{ab,d}$	$h_{ab,s}$	$h_{ab,e}$	*rgb** dd361M			*LAB** ddx361Mi (x=LabCh)					*rgb** ds361Mi			*LAB** dsx361Mi (x=LabCh)					*rgb** dd361Mi			*rgb** de361Mi			*LAB** dex361Mi (x=LabCh)					*rgb** dd361Mi			*rgb** dd	*rgb** ds	*rgb** de
88	75	75	1.0	0.75	0.0	79.2	2.0	83.0	83.1	88	1.0	0.543	0.0	69.4	19.0	70.7	73.2	75	1.0	0.75	0.0	1.0	0.55	0.0	69.8	18.3	71.3	73.6	75	1.0	0.75	0.0			
89	76	76	1.0	0.766	0.0	79.9	1.0	83.9	83.9	89	1.0	0.555	0.0	70.0	17.9	71.6	73.8	76	1.0	0.767	0.0	1.0	0.564	0.0	70.5	17.0	72.2	74.2	76	1.0	0.767	0.0			
89	77	77	1.0	0.783	0.0	80.6	0.0	84.8	84.8	89	1.0	0.567	0.0	70.7	16.7	72.4	74.3	77	1.0	0.783	0.0	1.0	0.577	0.0	71.2	15.8	73.1	74.8	77	1.0	0.783	0.0			
90	78	78	1.0	0.8	0.0	81.2	−0.9	85.7	85.7	90	1.0	0.579	0.0	71.3	15.6	73.3	74.9	78	1.0	0.8	0.0	1.0	0.591	0.0	71.9	14.5	74.0	75.4	78	1.0	0.8	0.0			
91	79	80	1.0	0.816	0.0	81.9	−1.9	86.5	86.5	91	1.0	0.591	0.0	71.9	14.4	74.1	75.5	79	1.0	0.817	0.0	1.0	0.604	0.0	72.6	13.1	74.9	76.0	80	1.0	0.817	0.0			
91	80	81	1.0	0.833	0.0	82.6	−3.0	87.4	87.4	91	1.0	0.604	0.0	72.5	13.2	74.9	76.0	80	1.0	0.833	0.0	1.0	0.618	0.0	73.3	11.8	75.8	76.7	81	1.0	0.833	0.0			
92	81	82	1.0	0.85	0.0	83.2	−4.0	88.2	88.3	92	1.0	0.616	0.0	73.2	12.0	75.6	76.6	81	1.0	0.85	0.0	1.0	0.635	0.0	74.1	10.4	76.8	77.5	82	1.0	0.85	0.0			
93	82	83	1.0	0.866	0.0	83.9	−5.1	89.0	89.2	93	1.0	0.629	0.0	73.8	10.7	76.5	77.2	82	1.0	0.867	0.0	1.0	0.655	0.0	75.0	9.0	77.9	78.5	83	1.0	0.867	0.0			
93	83	84	1.0	0.883	0.0	84.5	−6.1	89.8	90.0	93	1.0	0.648	0.0	74.7	9.5	77.5	78.1	83	1.0	0.883	0.0	1.0	0.675	0.0	75.9	7.6	79.1	79.5	84	1.0	0.883	0.0			
94	84	85	1.0	0.9	0.0	85.1	−6.9	90.6	90.8	94	1.0	0.666	0.0	75.5	8.3	78.6	79.0	84	1.0	0.9	0.0	1.0	0.696	0.0	76.8	6.1	80.2	80.5	85	1.0	0.9	0.0			
94	85	86	1.0	0.916	0.0	85.6	−7.7	91.3	91.7	94	1.0	0.684	0.0	76.3	7.0	79.6	79.9	85	1.0	0.917	0.0	1.0	0.716	0.0	77.8	4.6	81.3	81.5	86	1.0	0.917	0.0			
95	86	87	1.0	0.933	0.0	86.1	−8.5	92.1	92.5	95	1.0	0.703	0.0	77.1	5.6	80.6	80.8	86	1.0	0.933	0.0	1.0	0.736	0.0	78.7	3.1	82.4	82.5	87	1.0	0.933	0.0			
95	87	88	1.0	0.95	0.0	86.7	−9.3	92.9	93.3	95	1.0	0.721	0.0	78.0	4.3	81.6	81.7	87	1.0	0.95	0.0	1.0	0.759	0.0	79.7	1.5	83.6	83.6	88	1.0	0.95	0.0			
96	88	90	1.0	0.966	0.0	87.2	−10.2	93.6	94.2	96	1.0	0.739	0.0	78.8	2.9	82.5	82.6	88	1.0	0.967	0.0	1.0	0.787	0.0	80.8	0.0	85.0	85.0	90	1.0	0.967	0.0			
96	89	91	1.0	0.983	0.0	87.8	−11.1	94.3	95.0	96	1.0	0.76	0.0	79.7	1.5	83.6	83.6	89	1.0	0.983	0.0	1.0	0.814	0.0	81.9	−1.7	86.5	86.5	91	1.0	0.983	0.0			
97	90	92	1.0	1.0	0.0	88.3	−11.9	95.1	95.8	97	Y_d	1.0	0.785	0.0	80.7	0.0	84.9	84.9	90	Y_s	1.0	1.0	0.0	1.0	0.842	0.0	83.0	−3.4	87.8	87.9	92	Y_e	1.0	1.0	0.0			
97	91	93	0.983	1.0	0.0	88.0	−12.5	94.2	95.1	97		1.0	0.809	0.0	81.7	−1.4	86.2	86.2	91		0.983	1.0	0.0	1.0	0.871	0.0	84.1	−5.3	89.2	89.4	93		0.983	1.0	0.0			
98	92	94	0.966	1.0	0.0	87.7	−13.1	93.4	94.3	98		1.0	0.834	0.0	82.7	−3.0	87.5	87.5	92		0.967	1.0	0.0	1.0	0.91	0.0	85.4	−7.3	91.1	91.4	94		0.967	1.0	0.0			
98	93	95	0.95	1.0	0.0	87.3	−13.7	92.5	93.5	98		1.0	0.859	0.0	83.6	−4.5	88.7	88.8	93		0.95	1.0	0.0	1.0	0.951	0.0	86.8	−9.4	93.0	93.4	95		0.95	1.0	0.0			
98	94	96	0.933	1.0	0.0	87.0	−14.3	91.6	92.7	98		1.0	0.887	0.0	84.7	−6.2	90.0	90.3	94		0.933	1.0	0.0	1.0	0.993	0.0	88.1	−11.5	94.8	95.5	96		0.933	1.0	0.0			
99	95	98	0.916	1.0	0.0	86.6	−14.8	90.8	92.0	99		1.0	0.923	0.0	85.8	−7.9	91.7	92.0	95		0.917	1.0	0.0	0.963	1.0	0.0	87.6	−13.2	93.2	94.1	98		0.917	1.0	0.0			
99	96	99	0.9	1.0	0.0	86.3	−15.4	89.9	91.2	99		1.0	0.958	0.0	87.0	−9.7	93.3	93.8	96		0.9	1.0	0.0	0.917	1.0	0.0	86.7	−14.8	90.8	92.0	99		0.9	1.0	0.0			
100	97	100	0.883	1.0	0.0	86.0	−15.9	89.0	90.4	100		1.0	0.994	0.0	88.2	−11.5	94.8	95.6	97		0.883	1.0	0.0	0.871	1.0	0.0	85.8	−16.2	88.4	89.9	100		0.883	1.0	0.0			
100	98	101	0.866	1.0	0.0	85.6	−16.4	88.2	89.7	100		0.968	1.0	0.0	87.7	−13.0	93.5	94.4	98		0.867	1.0	0.0	0.823	1.0	0.0	84.7	−17.7	86.3	88.1	101		0.867	1.0	0.0			
100	99	102	0.85	1.0	0.0	85.2	−16.9	87.4	89.1	100		0.929	1.0	0.0	86.9	−14.4	91.4	92.6	99		0.85	1.0	0.0	0.774	1.0	0.0	83.5	−19.0	84.1	86.2	102		0.85	1.0	0.0			
101	100	103	0.833	1.0	0.0	84.8	−17.4	86.7	88.4	101		0.89	1.0	0.0	86.2	−15.7	89.4	90.8	100		0.833	1.0	0.0	0.735	1.0	0.0	82.3	−20.3	82.2	84.7	103		0.833	1.0	0.0			
101	101	105	0.816	1.0	0.0	84.5	−17.9	86.0	87.8	101		0.849	1.0	0.0	85.3	−16.9	87.5	89.1	101		0.817	1.0	0.0	0.706	1.0	0.0	80.9	−21.7	80.7	83.6	105		0.817	1.0	0.0			
102	102	106	0.8	1.0	0.0	84.1	−18.3	85.2	87.2	102		0.807	1.0	0.0	84.3	−18.1	85.6	87.5	102		0.8	1.0	0.0	0.676	1.0	0.0	79.5	−23.0	79.1	82.4	106		0.8	1.0	0.0			
102	103	107	0.783	1.0	0.0	83.7	−18.8	84.5	86.5	102		0.765	1.0	0.0	83.3	−19.2	83.7	85.9	103		0.783	1.0	0.0	0.647	1.0	0.0	78.1	−24.3	77.5	81.3	107		0.783	1.0	0.0			
102	104	108	0.766	1.0	0.0	83.3	−19.2	83.7	85.9	102		0.734	1.0	0.0	82.2	−20.4	82.2	84.7	104		0.767	1.0	0.0	0.62	1.0	0.0	76.9	−25.5	75.9	80.1	108		0.767	1.0	0.0			
103	105	109	0.75	1.0	0.0	82.9	−19.7	83.0	85.3	103		0.709	1.0	0.0	81.0	−21.6	80.9	83.7	105		0.75	1.0	0.0	0.599	1.0	0.0	76.2	−26.6	74.3	78.9	109		0.75	1.0	0.0			
104	106	110	0.733	1.0	0.0	82.2	−20.5	82.1	84.6	104		0.684	1.0	0.0	79.9	−22.7	79.5	82.7	106		0.733	1.0	0.0	0.578	1.0	0.0	75.5	−27.7	72.6	77.7	110		0.733	1.0	0.0			
104	107	112	0.716	1.0	0.0	81.4	−21.3	81.2	84.0	104		0.658	1.0	0.0	78.7	−23.8	78.2	81.7	107		0.717	1.0	0.0	0.558	1.0	0.0	74.8	−28.7	70.9	76.5	112		0.717	1.0	0.0			
105	108	113	0.7	1.0	0.0	80.6	−22.0	80.3	83.3	105		0.633	1.0	0.0	77.5	−24.9	76.8	80.8	108		0.7	1.0	0.0	0.537	1.0	0.0	74.1	−29.7	69.2	75.3	113		0.7	1.0	0.0			
106	109	114	0.683	1.0	0.0	79.8	−22.8	79.5	82.7	106		0.613	1.0	0.0	76.7	−25.9	75.4	79.7	109		0.683	1.0	0.0	0.517	1.0	0.0	73.4	−30.6	67.5	74.1	114		0.683	1.0	0.0			
106	110	115	0.666	1.0	0.0	79.0	−23.5	78.6	82.0	106		0.595	1.0	0.0	76.1	−26.8	74.0	78.7	110		0.667	1.0	0.0	0.496	1.0	0.0	72.7	−31.5	65.8	73.0	115		0.667	1.0	0.0			
107	111	116	0.65	1.0	0.0	78.2	−24.2	77.7	81.4	107		0.578	1.0	0.0	75.5	−27.7	72.5	77.7	111		0.65	1.0	0.0	0.475	1.0	0.0	72.0	−32.5	64.5	72.3	116		0.65	1.0	0.0			
107	112	117	0.633	1.0	0.0	77.4	−24.9	76.8	80.7	107		0.56	1.0	0.0	74.9	−28.6	71.1	76.6	112		0.633	1.0	0.0	0.455	1.0	0.0	71.4	−33.4	63.2	71.6	117		0.633	1.0	0.0			
108	113	119	0.616	1.0	0.0	76.8	−25.7	75.6	79.9	108		0.542	1.0	0.0	74.2	−29.4	69.6	75.6	113		0.617	1.0	0.0	0.434	1.0	0.0	70.7	−34.4	61.9	70.9	119		0.617	1.0	0.0			
109	114	120	0.6	1.0	0.0	76.2	−26.6	74.3	78.9	109		0.525	1.0	0.0	73.6	−30.2	68.1	74.6	114		0.6	1.0	0.0	0.413	1.0	0.0	70.1	−35.3	60.6	70.2	120		0.6	1.0	0.0			
110	115	121	0.583	1.0	0.0	75.6	−27.5	72.9	78.0	110		0.507	1.0	0.0	73.0	−31.0	66.7	73.5	115		0.583	1.0	0.0	0.393	1.0	0.0	69.5	−36.1	59.2	69.4	121		0.583	1.0	0.0			
111	116	122	0.566	1.0	0.0	75.0	−28.3	71.6	77.0	111		0.489	1.0	0.0	72.5	−31.8	65.4	72.8	116		0.567	1.0	0.0	0.373	1.0	0.0	68.8	−37.0	58.0	68.8	122		0.567	1.0	0.0			
112	117	123	0.55	1.0	0.0	74.5	−29.1	70.2	76.0	112		0.471	1.0	0.0	71.9	−32.7	64.3	72.2	117		0.55	1.0	0.0	0.362	1.0	0.0	68.1	−38.1	57.1	68.7	123		0.55	1.0	0.0			
113	118	124	0.533	1.0	0.0	73.9	−29.9	68.8	75.0	113		0.454	1.0	0.0	71.4	−33.5	63.2	71.5	118		0.533	1.0	0.0	0.35	1.0	0.0	67.3	−39.2	56.2	68.6	124		0.533	1.0	0.0			
114	119	126	0.516	1.0	0.0	73.3	−30.6	67.4	74.1	114		0.436	1.0	0.0	70.8	−34.3	62.0	70.9	119		0.517	1.0	0.0	0.338	1.0	0.0	66.6	−40.3	55.3	68.5	126		0.517	1.0	0.0			
115	120	127	0.5	1.0	0.0	72.7	−31.3	66.0	73.1	115		0.418	1.0	0.0	70.3	−35.1	60.9	70.3	120		0.5	1.0	0.0	0.327	1.0	0.0	65.8	−41.3	54.4	68.4	127		0.5	1.0	0.0			

Data of Maximum color M in colorimetric system Offset standard print; separation cmyn6*, D65 for input or output; Six hue angles of the 60 degree standard colours *RYGCBM*$_s$: $h_{ab,ds}$ = 30.0, 90.0, 150.0, 210.0, 270.0, 330.0; Six hue angles of the device colours *RYGCBM*$_d$: $h_{ab,d}$ = 32.8, 97.2, 157.8, 236.2, 296.4, 353.3; Six hue angles of the elementary colours *RYGCBM*$_e$: $h_{ab,e}$ = 25.5, 92.3, 162.2, 217.0, 271.7, 328.6

$h_{ab,d}$	$h_{ab,s}$	$h_{ab,e}$	*rgb** dd361M			*LAB** ddx361Mi (x=LabCh)					*rgb** ds361Mi			*LAB** dsx361Mi (x=LabCh)					*rgb** dd361Mi			*rgb** de361Mi			*LAB** dex361Mi (x=LabCh)					*rgb** dd361Mi		
115	120	127	0.5	1.0	0.0	72.7	−31.3	66.0	73.1	115	0.418	1.0	0.0	70.3	−35.1	60.9	70.3	120	0.5	1.0	0.0	0.327	1.0	0.0	65.8	−41.3	54.4	68.4	127	0.5	1.0	0.0
116	121	128	0.483	1.0	0.0	72.2	−32.1	65.0	72.5	116	0.4	1.0	0.0	69.7	−35.8	59.8	69.7	121	0.483	1.0	0.0	0.315	1.0	0.0	65.1	−42.3	53.5	68.3	128	0.483	1.0	0.0
117	122	129	0.466	1.0	0.0	71.7	−32.9	63.9	71.9	117	0.383	1.0	0.0	69.2	−36.5	58.6	69.1	122	0.467	1.0	0.0	0.303	1.0	0.0	64.3	−43.3	52.5	68.2	129	0.467	1.0	0.0
118	123	130	0.45	1.0	0.0	71.2	−33.7	62.9	71.4	118	0.369	1.0	0.0	68.5	−37.4	57.7	68.8	123	0.45	1.0	0.0	0.292	1.0	0.0	63.6	−44.3	51.5	68.1	130	0.45	1.0	0.0
119	124	131	0.433	1.0	0.0	70.7	−34.5	61.8	70.8	119	0.359	1.0	0.0	67.9	−38.3	56.9	68.7	124	0.433	1.0	0.0	0.28	1.0	0.0	62.8	−45.3	50.6	67.9	131	0.433	1.0	0.0
120	125	133	0.416	1.0	0.0	70.2	−35.2	60.8	70.2	120	0.349	1.0	0.0	67.3	−39.2	56.2	68.6	125	0.417	1.0	0.0	0.269	1.0	0.0	62.1	−46.2	49.5	67.8	133	0.417	1.0	0.0
121	126	134	0.4	1.0	0.0	69.6	−35.9	59.7	69.6	121	0.339	1.0	0.0	66.6	−40.2	55.4	68.5	126	0.4	1.0	0.0	0.257	1.0	0.0	61.3	−47.2	48.5	67.7	134	0.4	1.0	0.0
121	127	135	0.383	1.0	0.0	69.1	−36.5	58.6	69.1	121	0.329	1.0	0.0	66.0	−41.1	54.6	68.4	127	0.383	1.0	0.0	0.244	1.0	0.0	60.7	−48.1	47.5	67.6	135	0.383	1.0	0.0
123	128	136	0.366	1.0	0.0	68.3	−37.7	57.4	68.7	123	0.319	1.0	0.0	65.3	−42.0	53.8	68.3	128	0.367	1.0	0.0	0.229	1.0	0.0	60.3	−49.0	46.5	67.6	136	0.367	1.0	0.0
124	129	137	0.35	1.0	0.0	67.3	−39.2	56.2	68.6	124	0.309	1.0	0.0	64.7	−42.8	53.0	68.2	129	0.35	1.0	0.0	0.214	1.0	0.0	59.9	−49.9	45.4	67.6	137	0.35	1.0	0.0
126	130	138	0.333	1.0	0.0	66.2	−40.8	54.9	68.4	126	0.299	1.0	0.0	64.1	−43.7	52.2	68.1	130	0.333	1.0	0.0	0.199	1.0	0.0	59.5	−50.8	44.4	67.5	138	0.333	1.0	0.0
128	131	140	0.316	1.0	0.0	65.1	−42.3	53.6	68.2	128	0.289	1.0	0.0	63.4	−44.5	51.3	68.0	131	0.317	1.0	0.0	0.184	1.0	0.0	59.1	−51.7	43.3	67.5	140	0.317	1.0	0.0
129	132	141	0.3	1.0	0.0	64.0	−43.7	52.2	68.1	129	0.28	1.0	0.0	62.8	−45.4	50.5	67.9	132	0.3	1.0	0.0	0.169	1.0	0.0	58.6	−52.5	42.2	67.5	141	0.3	1.0	0.0
131	133	142	0.283	1.0	0.0	63.0	−45.1	50.8	67.9	131	0.27	1.0	0.0	62.1	−46.2	49.6	67.8	133	0.283	1.0	0.0	0.154	1.0	0.0	58.2	−53.3	41.1	67.4	142	0.283	1.0	0.0
133	134	143	0.266	1.0	0.0	61.9	−46.5	49.3	67.8	133	0.26	1.0	0.0	61.5	−47.0	48.7	67.8	134	0.267	1.0	0.0	0.139	1.0	0.0	57.8	−54.1	40.0	67.4	143	0.267	1.0	0.0
134	135	144	0.25	1.0	0.0	60.8	−47.8	47.8	67.6	134	0.249	1.0	0.0	60.9	−47.7	47.8	67.7	135	0.25	1.0	0.0	0.124	1.0	0.0	57.4	−54.9	38.9	67.4	144	0.25	1.0	0.0
136	136	145	0.233	1.0	0.0	60.4	−48.8	46.7	67.6	136	0.237	1.0	0.0	60.5	−48.5	47.0	67.6	136	0.233	1.0	0.0	0.113	1.0	0.0	56.9	−56.2	38.1	68.0	145	0.233	1.0	0.0
137	137	147	0.216	1.0	0.0	59.9	−49.8	45.6	67.5	137	0.224	1.0	0.0	60.1	−49.3	46.1	67.6	137	0.217	1.0	0.0	0.102	1.0	0.0	56.4	−57.5	37.3	68.6	147	0.217	1.0	0.0
138	138	148	0.2	1.0	0.0	59.4	−50.8	44.4	67.5	138	0.211	1.0	0.0	59.8	−50.1	45.2	67.6	138	0.2	1.0	0.0	0.091	1.0	0.0	55.9	−58.8	36.4	69.2	148	0.2	1.0	0.0
140	139	149	0.183	1.0	0.0	59.0	−51.8	43.2	67.4	140	0.198	1.0	0.0	59.4	−50.9	44.3	67.5	139	0.183	1.0	0.0	0.08	1.0	0.0	55.4	−60.0	35.6	69.9	149	0.183	1.0	0.0
141	140	150	0.166	1.0	0.0	58.5	−52.7	42.0	67.4	141	0.185	1.0	0.0	59.1	−51.6	43.4	67.5	140	0.167	1.0	0.0	0.069	1.0	0.0	55.0	−61.3	34.6	70.5	150	0.167	1.0	0.0
142	141	151	0.15	1.0	0.0	58.1	−53.6	40.8	67.4	142	0.172	1.0	0.0	58.7	−52.3	42.5	67.5	141	0.15	1.0	0.0	0.058	1.0	0.0	54.5	−62.5	33.7	71.1	151	0.15	1.0	0.0
144	142	152	0.133	1.0	0.0	57.6	−54.5	39.5	67.3	144	0.159	1.0	0.0	58.4	−53.0	41.5	67.4	142	0.133	1.0	0.0	0.047	1.0	0.0	54.0	−63.8	32.7	71.7	152	0.133	1.0	0.0
145	143	154	0.116	1.0	0.0	57.0	−55.9	38.3	67.8	145	0.147	1.0	0.0	58.0	−53.7	40.6	67.4	143	0.117	1.0	0.0	0.035	1.0	0.0	53.5	−65.0	31.7	72.4	154	0.117	1.0	0.0
147	144	155	0.1	1.0	0.0	56.3	−57.8	37.1	68.7	147	0.134	1.0	0.0	57.7	−54.4	39.6	67.4	144	0.1	1.0	0.0	0.024	1.0	0.0	53.0	−66.2	30.6	73.0	155	0.1	1.0	0.0
149	145	156	0.083	1.0	0.0	55.5	−59.7	35.8	69.6	149	0.122	1.0	0.0	57.3	−55.2	38.7	67.5	145	0.083	1.0	0.0	0.013	1.0	0.0	52.5	−67.4	29.5	73.6	156	0.083	1.0	0.0
150	146	157	0.066	1.0	0.0	54.8	−61.6	34.4	70.6	150	0.112	1.0	0.0	56.9	−56.3	38.1	68.0	146	0.067	1.0	0.0	0.002	1.0	0.0	52.0	−68.5	28.3	74.2	157	0.067	1.0	0.0
152	147	158	0.049	1.0	0.0	54.1	−63.4	32.9	71.5	152	0.103	1.0	0.0	56.4	−57.4	37.4	68.6	147	0.05	1.0	0.0	0.0	1.0	0.02	52.1	−68.4	26.7	73.6	158	0.05	1.0	0.0
154	148	159	0.033	1.0	0.0	53.4	−65.3	31.4	72.4	154	0.093	1.0	0.0	56.0	−58.5	36.6	69.1	148	0.033	1.0	0.0	0.0	1.0	0.044	52.2	−68.0	24.9	72.5	159	0.033	1.0	0.0
156	149	161	0.016	1.0	0.0	52.6	−67.1	29.8	73.4	156	0.084	1.0	0.0	55.6	−59.6	35.9	69.7	149	0.017	1.0	0.0	0.0	1.0	0.069	52.3	−67.6	23.2	71.5	161	0.017	1.0	0.0
157	150	162	0.0	1.0	0.0	51.9	−68.8	28.1	74.3	157	G_d	0.074	1.0	0.0	55.2	−60.7	35.1	70.2	150	G_s	0.0	1.0	0.0	0.0	1.0	0.093	52.4	−67.0	21.5	70.5	162	G_e	0.0	1.0	0.0
158	151	163	0.0	1.0	0.016	52.0	−68.5	26.9	73.6	158	0.065	1.0	0.0	54.8	−61.8	34.3	70.7	151	0.0	1.0	0.017	0.0	1.0	0.112	52.5	−66.6	20.2	69.7	163	0.0	1.0	0.017
159	152	164	0.0	1.0	0.033	52.1	−68.3	25.7	72.9	159	0.055	1.0	0.0	54.4	−62.8	33.5	71.3	152	0.0	1.0	0.033	0.0	1.0	0.13	52.6	−66.2	18.9	68.9	164	0.0	1.0	0.033
160	153	164	0.0	1.0	0.05	52.2	−68.0	24.5	72.2	160	0.046	1.0	0.0	53.9	−63.9	32.6	71.8	153	0.0	1.0	0.05	0.0	1.0	0.146	52.7	−65.7	17.7	68.1	164	0.0	1.0	0.05
160	154	165	0.0	1.0	0.066	52.2	−67.6	23.3	71.6	160	0.036	1.0	0.0	53.5	−64.9	31.7	72.3	154	0.0	1.0	0.067	0.0	1.0	0.162	52.8	−65.2	16.4	67.3	165	0.0	1.0	0.067
161	155	166	0.0	1.0	0.083	52.3	−67.3	22.1	70.9	161	0.027	1.0	0.0	53.1	−65.9	30.8	72.9	155	0.0	1.0	0.083	0.0	1.0	0.178	52.9	−64.6	15.2	66.5	166	0.0	1.0	0.083
162	156	167	0.0	1.0	0.1	52.4	−66.9	21.0	70.2	162	0.017	1.0	0.0	52.7	−67.0	29.9	73.4	156	0.0	1.0	0.1	0.0	1.0	0.193	53.0	−64.1	14.0	65.7	167	0.0	1.0	0.1
163	157	168	0.0	1.0	0.116	52.5	−66.6	19.9	69.5	163	0.008	1.0	0.0	52.3	−68.0	28.9	73.9	157	0.0	1.0	0.117	0.0	1.0	0.209	53.1	−63.5	12.8	64.9	168	0.0	1.0	0.117
164	158	169	0.0	1.0	0.133	52.6	−66.1	18.6	68.7	164	0.0	1.0	0.004	52.0	−68.7	27.8	74.2	158	0.0	1.0	0.133	0.0	1.0	0.225	53.2	−62.9	11.6	64.1	169	0.0	1.0	0.133
165	159	170	0.0	1.0	0.15	52.7	−65.6	17.3	67.9	165	0.0	1.0	0.025	52.1	−68.3	26.3	73.3	159	0.0	1.0	0.15	0.0	1.0	0.241	53.2	−62.3	10.5	63.3	170	0.0	1.0	0.15
166	160	171	0.0	1.0	0.166	52.8	−65.0	16.0	67.0	166	0.0	1.0	0.046	52.2	−68.0	24.8	72.4	160	0.0	1.0	0.167	0.0	1.0	0.254	53.3	−61.7	9.4	62.6	171	0.0	1.0	0.167
167	161	172	0.0	1.0	0.183	52.9	−64.5	14.7	66.1	167	0.0	1.0	0.067	52.3	−67.6	23.3	71.6	161	0.0	1.0	0.183	0.0	1.0	0.266	53.4	−61.4	8.4	62.0	172	0.0	1.0	0.183
168	162	173	0.0	1.0	0.2	53.0	−63.9	13.4	65.3	168	0.0	1.0	0.088	52.4	−67.1	21.8	70.7	162	0.0	1.0	0.2	0.0	1.0	0.277	53.5	−61.0	7.3	61.5	173	0.0	1.0	0.2
169	163	174	0.0	1.0	0.216	53.1	−63.3	12.2	64.4	169	0.0	1.0	0.109	52.5	−66.7	20.4	69.8	163	0.0	1.0	0.217	0.0	1.0	0.288	53.5	−60.6	6.3	61.0	174	0.0	1.0	0.217
170	164	175	0.0	1.0	0.233	53.2	−62.6	11.0	63.6	170	0.0	1.0	0.129	52.6	−66.2	19.0	69.0	164	0.0	1.0	0.233	0.0	1.0	0.3	53.6	−60.1	5.3	60.5	175	0.0	1.0	0.233
170	165	175	0.0	1.0	0.25	53.2	−61.9	9.8	62.7	170	0.0	1.0	0.147	52.7	−65.7	17.6	68.1	165	0.0	1.0	0.25	0.0	1.0	0.311	53.7	−59.7	4.3	59.9	175	0.0	1.0	0.25

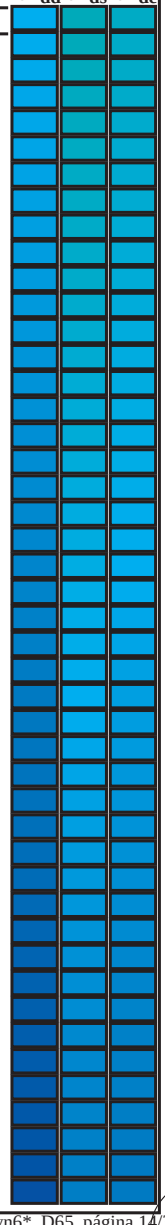


Data of Maximum color M in colorimetric system Offset standard print; separation cmyn6*, D65 for input or output; Six hue angles of the 60 degree standard colours *RYGCBM*$_s$: $h_{ab,ds}$ = 30.0, 90.0, 150.0, 210.0, 270.0, 330.0; Six hue angles of the device colours *RYGCBM*$_d$: $h_{ab,d}$ = 32.8, 97.2, 157.8, 236.2, 296.4, 353.3; Six hue angles of the elementary colours *RYGCBM*$_e$: $h_{ab,e}$ = 25.5, 92.3, 162.2, 217.0, 271.7, 328.6

$h_{ab,d}$	$h_{ab,s}$	$h_{ab,e}$	*rgb**dd361M			*LAB**ddx361Mi (x=LabCh)					*rgb**ds361Mi			*LAB**dsx361Mi (x=LabCh)					*rgb**dd361Mi			*rgb**de361Mi			*LAB**dex361Mi (x=LabCh)					*rgb**dd361Mi			*rgb**dd *rgb**ds *rgb**de
170	165	175	0.0	1.0	0.25	53.2	−61.9	9.8	62.7	170	0.0	1.0	0.147	52.7	−65.7	17.6	68.1	165	0.0	1.0	0.25	0.0	1.0	0.311	53.7	−59.7	4.3	59.9	175	0.0	1.0	0.25	
172	166	176	0.0	1.0	0.266	53.4	−61.4	8.2	61.9	172	0.0	1.0	0.164	52.8	−65.1	16.3	67.2	166	0.0	1.0	0.267	0.0	1.0	0.322	53.8	−59.2	3.3	59.4	176	0.0	1.0	0.267	
173	167	177	0.0	1.0	0.283	53.5	−60.8	6.7	61.2	173	0.0	1.0	0.181	52.9	−64.5	14.9	66.3	167	0.0	1.0	0.283	0.0	1.0	0.334	53.8	−58.7	2.3	58.9	177	0.0	1.0	0.283	
175	168	178	0.0	1.0	0.3	53.6	−60.2	5.2	60.4	175	0.0	1.0	0.198	53.0	−63.9	13.6	65.4	168	0.0	1.0	0.3	0.0	1.0	0.345	53.9	−58.3	1.4	58.4	178	0.0	1.0	0.3	
176	169	179	0.0	1.0	0.316	53.7	−59.5	3.7	59.6	176	0.0	1.0	0.216	53.1	−63.2	12.3	64.5	169	0.0	1.0	0.317	0.0	1.0	0.356	54.0	−57.7	0.4	57.8	179	0.0	1.0	0.317	
177	170	180	0.0	1.0	0.333	53.8	−58.8	2.3	58.9	177	0.0	1.0	0.233	53.2	−62.6	11.1	63.6	170	0.0	1.0	0.333	0.0	1.0	0.368	54.1	−57.2	−0.4	57.3	180	0.0	1.0	0.333	
179	171	181	0.0	1.0	0.35	53.9	−58.1	0.9	58.1	179	0.0	1.0	0.25	53.3	−61.9	9.8	62.8	171	0.0	1.0	0.35	0.0	1.0	0.378	54.1	−56.8	−1.3	56.9	181	0.0	1.0	0.35	
180	172	182	0.0	1.0	0.366	54.0	−57.3	−0.4	57.3	180	0.0	1.0	0.263	53.4	−61.5	8.7	62.2	172	0.0	1.0	0.367	0.0	1.0	0.387	54.2	−56.4	−2.2	56.5	182	0.0	1.0	0.367	
181	173	183	0.0	1.0	0.383	54.1	−56.6	−1.8	56.6	181	0.0	1.0	0.275	53.5	−61.1	7.5	61.6	173	0.0	1.0	0.383	0.0	1.0	0.396	54.2	−56.0	−3.1	56.2	183	0.0	1.0	0.383	
183	174	184	0.0	1.0	0.4	54.2	−55.9	−3.5	56.0	183	0.0	1.0	0.287	53.5	−60.6	6.4	61.0	174	0.0	1.0	0.4	0.0	1.0	0.405	54.3	−55.7	−3.9	55.9	184	0.0	1.0	0.4	
185	175	185	0.0	1.0	0.416	54.3	−55.2	−5.0	55.5	185	0.0	1.0	0.3	53.6	−60.1	5.3	60.5	175	0.0	1.0	0.417	0.0	1.0	0.415	54.3	−55.3	−4.8	55.6	185	0.0	1.0	0.417	
186	176	185	0.0	1.0	0.433	54.4	−54.5	−6.6	54.9	186	0.0	1.0	0.312	53.7	−59.6	4.2	59.9	176	0.0	1.0	0.433	0.0	1.0	0.424	54.4	−54.9	−5.6	55.3	185	0.0	1.0	0.433	
188	177	186	0.0	1.0	0.45	54.5	−53.7	−8.0	54.3	188	0.0	1.0	0.324	53.8	−59.1	3.1	59.3	177	0.0	1.0	0.45	0.0	1.0	0.433	54.4	−54.4	−6.5	54.9	186	0.0	1.0	0.45	
190	178	187	0.0	1.0	0.466	54.6	−52.8	−9.5	53.7	190	0.0	1.0	0.337	53.9	−58.6	2.1	58.7	178	0.0	1.0	0.467	0.0	1.0	0.442	54.5	−54.0	−7.3	54.6	187	0.0	1.0	0.467	
191	179	188	0.0	1.0	0.483	54.7	−52.0	−10.9	53.1	191	0.0	1.0	0.349	53.9	−58.1	1.0	58.2	179	0.0	1.0	0.483	0.0	1.0	0.451	54.6	−53.6	−8.1	54.3	188	0.0	1.0	0.483	
193	180	189	0.0	1.0	0.5	54.8	−51.0	−12.3	52.5	193	0.0	1.0	0.362	54.0	−57.5	0.0	57.6	180	0.0	1.0	0.5	0.0	1.0	0.46	54.6	−53.1	−8.9	54.0	189	0.0	1.0	0.5	
195	181	190	0.0	1.0	0.516	54.9	−50.4	−13.7	52.2	195	0.0	1.0	0.374	54.1	−56.9	−0.9	57.0	181	0.0	1.0	0.517	0.0	1.0	0.469	54.7	−52.6	−9.7	53.6	190	0.0	1.0	0.517	
196	182	191	0.0	1.0	0.533	55.1	−49.6	−15.0	51.9	196	0.0	1.0	0.384	54.2	−56.5	−1.9	56.7	182	0.0	1.0	0.533	0.0	1.0	0.479	54.7	−52.2	−10.5	53.3	191	0.0	1.0	0.533	
198	183	192	0.0	1.0	0.55	55.2	−48.9	−16.3	51.6	198	0.0	1.0	0.394	54.2	−56.1	−2.8	56.3	183	0.0	1.0	0.55	0.0	1.0	0.488	54.8	−51.7	−11.2	53.0	192	0.0	1.0	0.55	
200	184	193	0.0	1.0	0.566	55.3	−48.1	−17.6	51.2	200	0.0	1.0	0.404	54.3	−55.7	−3.8	55.9	184	0.0	1.0	0.567	0.0	1.0	0.497	54.8	−51.2	−12.0	52.7	193	0.0	1.0	0.567	
201	185	194	0.0	1.0	0.583	55.5	−47.3	−18.9	50.9	201	0.0	1.0	0.414	54.3	−55.3	−4.7	55.6	185	0.0	1.0	0.583	0.0	1.0	0.506	54.9	−50.8	−12.7	52.5	194	0.0	1.0	0.583	
203	186	195	0.0	1.0	0.6	55.6	−46.4	−20.1	50.6	203	0.0	1.0	0.424	54.4	−54.8	−5.7	55.2	186	0.0	1.0	0.6	0.0	1.0	0.515	55.0	−50.4	−13.5	52.3	195	0.0	1.0	0.6	
205	187	195	0.0	1.0	0.616	55.7	−45.5	−21.3	50.3	205	0.0	1.0	0.434	54.5	−54.4	−6.6	54.9	187	0.0	1.0	0.617	0.0	1.0	0.524	55.0	−50.0	−14.3	52.1	195	0.0	1.0	0.617	
206	188	196	0.0	1.0	0.633	55.8	−44.7	−22.5	50.1	206	0.0	1.0	0.444	54.5	−53.9	−7.5	54.5	188	0.0	1.0	0.633	0.0	1.0	0.534	55.1	−49.6	−15.0	51.9	196	0.0	1.0	0.633	
208	189	197	0.0	1.0	0.65	56.0	−44.0	−23.8	50.1	208	0.0	1.0	0.454	54.6	−53.4	−8.4	54.2	189	0.0	1.0	0.65	0.0	1.0	0.543	55.2	−49.2	−15.7	51.7	197	0.0	1.0	0.65	
210	190	198	0.0	1.0	0.666	56.1	−43.2	−25.0	50.0	210	0.0	1.0	0.464	54.6	−52.9	−9.2	53.8	190	0.0	1.0	0.667	0.0	1.0	0.552	55.3	−48.7	−16.5	51.6	198	0.0	1.0	0.667	
211	191	199	0.0	1.0	0.683	56.2	−42.4	−26.3	49.9	211	0.0	1.0	0.474	54.7	−52.4	−10.1	53.5	191	0.0	1.0	0.683	0.0	1.0	0.561	55.3	−48.3	−17.2	51.4	199	0.0	1.0	0.683	
213	192	200	0.0	1.0	0.7	56.3	−41.6	−27.5	49.9	213	0.0	1.0	0.484	54.8	−51.9	−10.9	53.1	192	0.0	1.0	0.7	0.0	1.0	0.571	55.4	−47.9	−17.9	51.2	200	0.0	1.0	0.7	
215	193	201	0.0	1.0	0.716	56.5	−40.8	−28.6	49.8	215	0.0	1.0	0.494	54.8	−51.3	−11.8	52.8	193	0.0	1.0	0.717	0.0	1.0	0.58	55.5	−47.4	−18.6	51.0	201	0.0	1.0	0.717	
216	194	202	0.0	1.0	0.733	56.6	−39.9	−29.8	49.8	216	0.0	1.0	0.504	54.9	−50.8	−12.6	52.5	194	0.0	1.0	0.733	0.0	1.0	0.589	55.6	−46.9	−19.3	50.9	202	0.0	1.0	0.733	
218	195	203	0.0	1.0	0.75	56.7	−38.9	−30.9	49.7	218	0.0	1.0	0.514	55.0	−50.4	−13.4	52.3	195	0.0	1.0	0.75	0.0	1.0	0.598	55.6	−46.5	−19.9	50.7	203	0.0	1.0	0.75	
219	196	204	0.0	1.0	0.766	56.8	−38.4	−31.7	49.8	219	0.0	1.0	0.525	55.0	−50.0	−14.3	52.1	196	0.0	1.0	0.767	0.0	1.0	0.607	55.7	−46.0	−20.6	50.5	204	0.0	1.0	0.767	
220	197	205	0.0	1.0	0.783	56.9	−37.8	−32.6	49.9	220	0.0	1.0	0.535	55.1	−49.5	−15.1	51.9	197	0.0	1.0	0.783	0.0	1.0	0.617	55.8	−45.5	−21.3	50.3	205	0.0	1.0	0.783	
221	198	206	0.0	1.0	0.8	57.0	−37.2	−33.5	50.1	221	0.0	1.0	0.545	55.2	−49.1	−15.9	51.7	198	0.0	1.0	0.8	0.0	1.0	0.626	55.8	−45.0	−21.9	50.2	206	0.0	1.0	0.8	
223	199	206	0.0	1.0	0.816	57.1	−36.6	−34.3	50.2	223	0.0	1.0	0.555	55.3	−48.6	−16.7	51.5	199	0.0	1.0	0.817	0.0	1.0	0.635	55.9	−44.6	−22.6	50.2	206	0.0	1.0	0.817	
224	200	207	0.0	1.0	0.833	57.3	−36.0	−35.2	50.3	224	0.0	1.0	0.565	55.4	−48.1	−17.5	51.3	200	0.0	1.0	0.833	0.0	1.0	0.644	56.0	−44.2	−23.3	50.1	207	0.0	1.0	0.833	
225	201	208	0.0	1.0	0.85	57.4	−35.3	−36.0	50.4	225	0.0	1.0	0.575	55.4	−47.6	−18.2	51.1	201	0.0	1.0	0.85	0.0	1.0	0.653	56.0	−43.8	−24.0	50.1	208	0.0	1.0	0.85	
226	202	209	0.0	1.0	0.866	57.5	−34.6	−36.8	50.6	226	0.0	1.0	0.585	55.5	−47.1	−19.0	50.9	202	0.0	1.0	0.867	0.0	1.0	0.662	56.1	−43.4	−24.7	50.1	209	0.0	1.0	0.867	
227	203	210	0.0	1.0	0.883	57.6	−34.0	−37.7	50.8	227	0.0	1.0	0.595	55.6	−46.6	−19.7	50.8	203	0.0	1.0	0.883	0.0	1.0	0.672	56.2	−43.0	−25.4	50.0	210	0.0	1.0	0.883	
229	204	211	0.0	1.0	0.9	57.7	−33.4	−38.6	51.0	229	0.0	1.0	0.605	55.7	−46.1	−20.5	50.6	204	0.0	1.0	0.9	0.0	1.0	0.681	56.3	−42.5	−26.0	50.0	211	0.0	1.0	0.9	
230	205	212	0.0	1.0	0.916	57.8	−32.8	−39.4	51.3	230	0.0	1.0	0.615	55.8	−45.6	−21.2	50.4	205	0.0	1.0	0.917	0.0	1.0	0.69	56.3	−42.1	−26.7	50.0	212	0.0	1.0	0.917	
231	206	213	0.0	1.0	0.933	57.9	−32.1	−40.3	51.6	231	0.0	1.0	0.626	55.8	−45.0	−21.9	50.2	206	0.0	1.0	0.933	0.0	1.0	0.699	56.4	−41.6	−27.3	49.9	213	0.0	1.0	0.933	
232	207	214	0.0	1.0	0.95	58.0	−31.4	−41.2	51.8	232	0.0	1.0	0.636	55.9	−44.6	−22.7	50.2	207	0.0	1.0	0.95	0.0	1.0	0.708	56.5	−41.1	−28.0	49.9	214	0.0	1.0	0.95	
233	208	215	0.0	1.0	0.966	58.1	−30.7	−42.0	52.1	233	0.0	1.0	0.646	56.0	−44.2	−23.4	50.1	208	0.0	1.0	0.967	0.0	1.0	0.717	56.5	−40.7	−28.6	49.9	215	0.0	1.0	0.967	
235	209	216	0.0	1.0	0.983	58.2	−30.0	−42.9	52.3	235	0.0	1.0	0.656	56.1	−43.7	−24.2	50.1	209	0.0	1.0	0.983	0.0	1.0	0.726	56.6	−40.2	−29.2	49.8	216	0.0	1.0	0.983	
236	210	216	0.0	1.0	1.0	58.3	−29.2	−43.7	52.6	236 C_d	0.0	1.0	0.666	56.1	−43.2	−24.9	50.0	210 C_s	0.0	1.0	1.0	0.0	1.0	0.736	56.7	−39.7	−29.9	49.8	216 C_e	0.0	1.0	1.0	

Data of Maximum color M in colorimetric system Offset standard print; separation cmyn6*, D65 for input or output; Six hue angles of the 60 degree standard colours *RYGCBM*$_s$: $h_{ab,ds}$ = 30.0, 90.0, 150.0, 210.0, 270.0, 330.0; Six hue angles of the device colours *RYGCBM*$_d$: $h_{ab,d}$ = 32.8, 97.2, 157.8, 236.2, 296.4, 353.3; Six hue angles of the elementary colours *RYGCBM*$_e$: $h_{ab,e}$ = 25.5, 92.3, 162.2, 217.0, 271.7, 328.6

$h_{ab,d}$	$h_{ab,s}$	$h_{ab,e}$	*rgb**dd361M			*LAB**ddx361Mi (x=LabCh)					C_d	*rgb**ds361Mi			*LAB**dsx361Mi (x=LabCh)				C_s	*rgb**dd361Mi			*rgb**de361Mi			*LAB**dex361Mi (x=LabCh)				C_e	*rgb**dd361Mi		
236	210	216	0.0	1.0	1.0	58.3	−29.2	−43.7	52.6	236		0.0	1.0	0.666	56.1	−43.2	−24.9	50.0	210	0.0	1.0	1.0	0.0	1.0	0.736	56.7	−39.7	−29.9	49.8	216	0.0	1.0	1.0
236	211	217	0.0	0.983	1.0	57.9	−28.7	−43.7	52.3	236		0.0	1.0	0.676	56.2	−42.8	−25.7	50.0	211	0.0	0.983	1.0	0.0	1.0	0.745	56.7	−39.2	−30.5	49.8	217	0.0	0.983	1.0
237	212	218	0.0	0.966	1.0	57.5	−28.1	−43.8	52.0	237		0.0	1.0	0.686	56.3	−42.3	−26.4	50.0	212	0.0	0.967	1.0	0.0	1.0	0.755	56.8	−38.7	−31.1	49.8	218	0.0	0.967	1.0
237	213	219	0.0	0.95	1.0	57.1	−27.5	−43.8	51.8	237		0.0	1.0	0.696	56.4	−41.8	−27.1	49.9	213	0.0	0.95	1.0	0.0	1.0	0.768	56.9	−38.3	−31.8	49.9	219	0.0	0.95	1.0
238	214	220	0.0	0.933	1.0	56.7	−26.9	−43.9	51.5	238		0.0	1.0	0.706	56.4	−41.3	−27.8	49.9	214	0.0	0.933	1.0	0.0	1.0	0.781	57.0	−37.8	−32.4	50.0	220	0.0	0.933	1.0
238	215	221	0.0	0.916	1.0	56.2	−26.4	−43.9	51.2	238		0.0	1.0	0.716	56.5	−40.8	−28.5	49.9	215	0.0	0.917	1.0	0.0	1.0	0.794	57.0	−37.4	−33.1	50.1	221	0.0	0.917	1.0
239	216	222	0.0	0.9	1.0	55.8	−25.8	−43.9	50.9	239		0.0	1.0	0.726	56.6	−40.2	−29.2	49.8	216	0.0	0.9	1.0	0.0	1.0	0.807	57.1	−36.9	−33.8	50.2	222	0.0	0.9	1.0
240	217	223	0.0	0.883	1.0	55.4	−25.2	−43.9	50.7	240		0.0	1.0	0.736	56.7	−39.7	−29.9	49.8	217	0.0	0.883	1.0	0.0	1.0	0.819	57.2	−36.4	−34.4	50.3	223	0.0	0.883	1.0
240	218	224	0.0	0.866	1.0	55.0	−24.6	−43.9	50.4	240		0.0	1.0	0.746	56.7	−39.1	−30.5	49.8	218	0.0	0.867	1.0	0.0	1.0	0.832	57.3	−36.0	−35.1	50.4	224	0.0	0.867	1.0
241	219	225	0.0	0.85	1.0	54.5	−23.9	−44.0	50.1	241		0.0	1.0	0.758	56.8	−38.6	−31.2	49.8	219	0.0	0.85	1.0	0.0	1.0	0.845	57.4	−35.5	−35.7	50.5	225	0.0	0.85	1.0
242	220	226	0.0	0.833	1.0	54.1	−23.2	−44.0	49.8	242		0.0	1.0	0.772	56.9	−38.1	−32.0	49.9	220	0.0	0.833	1.0	0.0	1.0	0.858	57.5	−35.0	−36.3	50.6	226	0.0	0.833	1.0
242	221	227	0.0	0.816	1.0	53.6	−22.5	−44.1	49.5	242		0.0	1.0	0.786	57.0	−37.7	−32.7	50.0	221	0.0	0.817	1.0	0.0	1.0	0.871	57.5	−34.4	−37.0	50.7	227	0.0	0.817	1.0
243	222	227	0.0	0.8	1.0	53.1	−21.8	−44.1	49.2	243		0.0	1.0	0.8	57.1	−37.2	−33.4	50.1	222	0.0	0.8	1.0	0.0	1.0	0.884	57.6	−33.9	−37.6	50.8	227	0.0	0.8	1.0
244	223	228	0.0	0.783	1.0	52.7	−21.1	−44.1	48.9	244		0.0	1.0	0.814	57.2	−36.6	−34.2	50.2	223	0.0	0.783	1.0	0.0	1.0	0.896	57.7	−33.5	−38.3	51.0	228	0.0	0.783	1.0
245	224	229	0.0	0.766	1.0	52.2	−20.4	−44.1	48.6	245		0.0	1.0	0.828	57.3	−36.1	−34.9	50.3	224	0.0	0.767	1.0	0.0	1.0	0.909	57.8	−33.0	−39.0	51.2	229	0.0	0.767	1.0
245	225	230	0.0	0.75	1.0	51.7	−19.7	−44.1	48.3	245		0.0	1.0	0.842	57.4	−35.6	−35.6	50.4	225	0.0	0.75	1.0	0.0	1.0	0.922	57.9	−32.5	−39.7	51.4	230	0.0	0.75	1.0
246	226	231	0.0	0.733	1.0	51.2	−18.9	−44.2	48.1	246		0.0	1.0	0.856	57.5	−35.0	−36.3	50.5	226	0.0	0.733	1.0	0.0	1.0	0.935	57.9	−32.0	−40.4	51.6	231	0.0	0.733	1.0
247	227	232	0.0	0.716	1.0	50.7	−18.1	−44.3	47.8	247		0.0	1.0	0.87	57.5	−34.4	−36.9	50.7	227	0.0	0.717	1.0	0.0	1.0	0.948	58.0	−31.5	−41.0	51.8	232	0.0	0.717	1.0
248	228	233	0.0	0.7	1.0	50.1	−17.4	−44.3	47.6	248		0.0	1.0	0.884	57.6	−33.9	−37.7	50.8	228	0.0	0.7	1.0	0.0	1.0	0.961	58.1	−30.9	−41.7	52.0	233	0.0	0.7	1.0
249	229	234	0.0	0.683	1.0	49.6	−16.6	−44.3	47.4	249		0.0	1.0	0.899	57.7	−33.4	−38.4	51.1	229	0.0	0.683	1.0	0.0	1.0	0.974	58.2	−30.4	−42.3	52.2	234	0.0	0.683	1.0
250	230	235	0.0	0.666	1.0	49.1	−15.8	−44.4	47.1	250		0.0	1.0	0.913	57.8	−32.9	−39.2	51.3	230	0.0	0.667	1.0	0.0	1.0	0.987	58.3	−29.8	−43.0	52.4	235	0.0	0.667	1.0
251	231	236	0.0	0.65	1.0	48.5	−15.0	−44.4	46.9	251		0.0	1.0	0.927	57.9	−32.3	−39.9	51.5	231	0.0	0.65	1.0	0.0	1.0	0.999	58.3	−29.2	−43.6	52.6	236	0.0	0.65	1.0
252	232	237	0.0	0.633	1.0	48.0	−14.3	−44.4	46.6	252		0.0	1.0	0.941	58.0	−31.7	−40.7	51.7	232	0.0	0.633	1.0	0.0	0.974	1.0	57.7	−28.3	−43.7	52.2	237	0.0	0.633	1.0
253	233	237	0.0	0.616	1.0	47.4	−13.4	−44.5	46.4	253		0.0	1.0	0.955	58.1	−31.2	−41.4	51.9	233	0.0	0.617	1.0	0.0	0.947	1.0	57.0	−27.4	−43.8	51.8	237	0.0	0.617	1.0
254	234	238	0.0	0.6	1.0	46.7	−12.3	−44.6	46.3	254		0.0	1.0	0.969	58.2	−30.6	−42.1	52.2	234	0.0	0.6	1.0	0.0	0.919	1.0	56.4	−26.4	−43.8	51.3	238	0.0	0.6	1.0
255	235	239	0.0	0.583	1.0	46.1	−11.3	−44.7	46.1	255		0.0	1.0	0.983	58.2	−29.9	−42.8	52.4	235	0.0	0.583	1.0	0.0	0.892	1.0	55.7	−25.5	−43.8	50.8	239	0.0	0.583	1.0
257	236	240	0.0	0.566	1.0	45.4	−10.2	−44.8	46.0	257		0.0	1.0	0.997	58.3	−29.3	−43.5	52.6	236	0.0	0.567	1.0	0.0	0.867	1.0	55.0	−24.6	−43.9	50.4	240	0.0	0.567	1.0
258	237	241	0.0	0.55	1.0	44.7	−9.1	−44.9	45.8	258		0.0	0.976	1.0	57.7	−28.4	−43.7	52.2	237	0.0	0.55	1.0	0.0	0.847	1.0	54.5	−23.7	−44.0	50.1	241	0.0	0.55	1.0
259	238	242	0.0	0.533	1.0	44.1	−8.1	−45.0	45.7	259		0.0	0.946	1.0	57.0	−27.3	−43.8	51.7	238	0.0	0.533	1.0	0.0	0.826	1.0	53.9	−22.8	−44.0	49.7	242	0.0	0.533	1.0
261	239	243	0.0	0.516	1.0	43.4	−7.0	−45.0	45.5	261		0.0	0.916	1.0	56.3	−26.3	−43.8	51.2	239	0.0	0.517	1.0	0.0	0.805	1.0	53.3	−22.0	−44.0	49.3	243	0.0	0.517	1.0
262	240	244	0.0	0.5	1.0	42.7	−6.0	−45.0	45.4	262		0.0	0.886	1.0	55.5	−25.3	−43.8	50.7	240	0.0	0.5	1.0	0.0	0.785	1.0	52.7	−21.1	−44.1	49.0	244	0.0	0.5	1.0
263	241	245	0.0	0.483	1.0	42.1	−5.0	−45.1	45.4	263		0.0	0.861	1.0	54.9	−24.3	−43.9	50.3	241	0.0	0.483	1.0	0.0	0.764	1.0	52.2	−20.2	−44.1	48.6	245	0.0	0.483	1.0
264	242	246	0.0	0.466	1.0	41.4	−4.0	−45.2	45.4	264		0.0	0.838	1.0	54.2	−23.3	−44.0	49.9	242	0.0	0.467	1.0	0.0	0.745	1.0	51.6	−19.4	−44.1	48.3	246	0.0	0.467	1.0
266	243	247	0.0	0.45	1.0	40.8	−3.0	−45.3	45.4	266		0.0	0.815	1.0	53.6	−22.4	−44.0	49.5	243	0.0	0.45	1.0	0.0	0.727	1.0	51.1	−18.6	−44.2	48.1	247	0.0	0.45	1.0
267	244	248	0.0	0.433	1.0	40.2	−2.1	−45.3	45.4	267		0.0	0.793	1.0	53.0	−21.4	−44.1	49.1	244	0.0	0.433	1.0	0.0	0.71	1.0	50.5	−17.8	−44.2	47.8	248	0.0	0.433	1.0
268	245	248	0.0	0.416	1.0	39.5	−1.1	−45.4	45.4	268		0.0	0.77	1.0	52.3	−20.5	−44.1	48.7	245	0.0	0.417	1.0	0.0	0.693	1.0	50.0	−17.0	−44.3	47.6	248	0.0	0.417	1.0
269	246	249	0.0	0.4	1.0	38.9	−0.1	−45.4	45.4	269		0.0	0.748	1.0	51.7	−19.6	−44.1	48.4	246	0.0	0.4	1.0	0.0	0.676	1.0	49.4	−16.2	−44.3	47.3	249	0.0	0.4	1.0
271	247	250	0.0	0.383	1.0	38.2	0.8	−45.4	45.4	271		0.0	0.729	1.0	51.1	−18.7	−44.2	48.1	247	0.0	0.383	1.0	0.0	0.659	1.0	48.9	−15.4	−44.3	47.1	250	0.0	0.383	1.0
272	248	251	0.0	0.366	1.0	37.6	1.8	−45.5	45.5	272		0.0	0.711	1.0	50.5	−17.8	−44.2	47.8	248	0.0	0.367	1.0	0.0	0.642	1.0	48.3	−14.6	−44.3	46.8	251	0.0	0.367	1.0
273	249	252	0.0	0.35	1.0	37.0	2.9	−45.6	45.7	273		0.0	0.692	1.0	49.9	−16.9	−44.3	47.5	249	0.0	0.35	1.0	0.0	0.625	1.0	47.8	−13.8	−44.3	46.6	252	0.0	0.35	1.0
275	250	253	0.0	0.333	1.0	36.4	4.0	−45.7	45.9	275		0.0	0.673	1.0	49.3	−16.1	−44.3	47.3	250	0.0	0.333	1.0	0.0	0.613	1.0	47.3	−13.1	−44.4	46.5	253	0.0	0.333	1.0
276	251	254	0.0	0.316	1.0	35.7	5.1	−45.8	46.1	276		0.0	0.654	1.0	48.7	−15.2	−44.3	47.0	251	0.0	0.317	1.0	0.0	0.602	1.0	46.8	−12.4	−44.6	46.4	254	0.0	0.317	1.0
277	252	255	0.0	0.3	1.0	35.1	6.1	−45.9	46.3	277		0.0	0.636	1.0	48.1	−14.3	−44.3	46.7	252	0.0	0.3	1.0	0.0	0.59	1.0	46.4	−11.6	−44.6	46.3	255	0.0	0.3	1.0
279	253	256	0.0	0.283	1.0	34.5	7.2	−46.0	46.5	279		0.0	0.62	1.0	47.6	−13.5	−44.4	46.5	253	0.0	0.283	1.0	0.0	0.578	1.0	45.9	−10.9	−44.7	46.1	256	0.0	0.283	1.0
280	254	257	0.0	0.266	1.0	33.9	8.3	−46.0	46.7	280		0.0	0.607	1.0	47.1	−12.7	−44.5	46.4	254	0.0	0.267	1.0	0.0	0.567	1.0	45.5	−10.2	−44.8	46.0	257	0.0	0.267	1.0
281	255	258	0.0	0.25	1.0	33.3	9.4	−46.0	47.0	281		0.0	0.594	1.0	46.5	−11.9	−44.6	46.3	255	0.0	0.25	1.0	0.0	0.555	1.0	45.0	−9.4	−44.8	45.9	258	0.0	0.25	1.0



Data of Maximum color M in colorimetric system Offset standard print; separation cmyn6*, D65 for input or output; Six hue angles of the 60 degree standard colours *RYGCBM*$_s$: $h_{ab,ds}$ = 30.0, 90.0, 150.0, 210.0, 270.0, 330.0; Six hue angles of the device colours *RYGCBM*$_d$: $h_{ab,d}$ = 32.8, 97.2, 157.8, 236.2, 296.4, 353.3; Six hue angles of the elementary colours *RYGCBM*$_e$: $h_{ab,e}$ = 25.5, 92.3, 162.2, 217.0, 271.7, 328.6

$h_{ab,d}$	$h_{ab,s}$	$h_{ab,e}$	*rgb**dd361M			*LAB**ddx361Mi (x=LabCh)					*rgb**ds361Mi			*LAB**dsx361Mi (x=LabCh)					*rgb**dd361Mi			*rgb**de361Mi			*LAB**dex361Mi (x=LabCh)					*rgb**dd361Mi		
281	255	258	0.0	0.25	1.0	33.3	9.4	−46.0	47.0	281	0.0	0.594	1.0	46.5	−11.9	−44.6	46.3	255	0.0	0.25	1.0	0.0	0.555	1.0	45.0	−9.4	−44.8	45.9	258	0.0	0.25	1.0
282	256	258	0.0	0.233	1.0	32.7	10.5	−46.2	47.4	282	0.0	0.581	1.0	46.0	−11.1	−44.7	46.2	256	0.0	0.233	1.0	0.0	0.543	1.0	44.5	−8.7	−44.9	45.8	258	0.0	0.233	1.0
283	257	259	0.0	0.216	1.0	32.0	11.5	−46.4	47.8	283	0.0	0.568	1.0	45.5	−10.3	−44.8	46.1	257	0.0	0.217	1.0	0.0	0.532	1.0	44.1	−7.9	−44.9	45.7	259	0.0	0.217	1.0
285	258	260	0.0	0.2	1.0	31.4	12.5	−46.5	48.2	285	0.0	0.556	1.0	45.0	−9.5	−44.8	45.9	258	0.0	0.2	1.0	0.0	0.52	1.0	43.6	−7.2	−44.9	45.6	260	0.0	0.2	1.0
286	259	261	0.0	0.183	1.0	30.8	13.6	−46.7	48.6	286	0.0	0.543	1.0	44.5	−8.6	−44.9	45.8	259	0.0	0.183	1.0	0.0	0.508	1.0	43.1	−6.5	−44.9	45.5	261	0.0	0.183	1.0
287	260	262	0.0	0.166	1.0	30.1	14.7	−46.8	49.0	287	0.0	0.53	1.0	44.0	−7.8	−44.9	45.7	260	0.0	0.167	1.0	0.0	0.497	1.0	42.7	−5.7	−45.0	45.4	262	0.0	0.167	1.0
288	261	263	0.0	0.15	1.0	29.5	15.8	−46.9	49.4	288	0.0	0.517	1.0	43.5	−7.0	−44.9	45.6	261	0.0	0.15	1.0	0.0	0.484	1.0	42.2	−5.0	−45.0	45.4	263	0.0	0.15	1.0
289	262	264	0.0	0.133	1.0	28.9	16.8	−46.9	49.9	289	0.0	0.505	1.0	43.0	−6.2	−44.9	45.5	262	0.0	0.133	1.0	0.0	0.472	1.0	41.7	−4.3	−45.1	45.4	264	0.0	0.133	1.0
290	263	265	0.0	0.116	1.0	28.3	17.8	−47.0	50.3	290	0.0	0.491	1.0	42.5	−5.4	−45.0	45.4	263	0.0	0.117	1.0	0.0	0.46	1.0	41.2	−3.6	−45.2	45.4	265	0.0	0.117	1.0
291	264	266	0.0	0.1	1.0	27.9	18.6	−47.1	50.6	291	0.0	0.478	1.0	41.9	−4.6	−45.1	45.4	264	0.0	0.1	1.0	0.0	0.448	1.0	40.8	−2.9	−45.2	45.4	266	0.0	0.1	1.0
292	265	267	0.0	0.083	1.0	27.5	19.4	−47.1	51.0	292	0.0	0.465	1.0	41.4	−3.9	−45.2	45.4	265	0.0	0.083	1.0	0.0	0.436	1.0	40.3	−2.1	−45.3	45.4	267	0.0	0.083	1.0
293	266	268	0.0	0.066	1.0	27.0	20.2	−47.2	51.4	293	0.0	0.451	1.0	40.9	−3.1	−45.2	45.4	266	0.0	0.067	1.0	0.0	0.423	1.0	39.8	−1.4	−45.3	45.4	268	0.0	0.067	1.0
293	267	269	0.0	0.049	1.0	26.6	21.0	−47.3	51.7	293	0.0	0.438	1.0	40.4	−2.3	−45.3	45.4	267	0.0	0.05	1.0	0.0	0.411	1.0	39.4	−0.7	−45.3	45.4	269	0.0	0.05	1.0
294	268	269	0.0	0.033	1.0	26.2	21.8	−47.3	52.1	294	0.0	0.425	1.0	39.9	−1.5	−45.3	45.4	268	0.0	0.033	1.0	0.0	0.399	1.0	38.9	0.0	−45.3	45.4	269	0.0	0.033	1.0
295	269	270	0.0	0.016	1.0	25.7	22.6	−47.3	52.5	295	0.0	0.411	1.0	39.4	−0.7	−45.3	45.4	269	0.0	0.017	1.0	0.0	0.387	1.0	38.4	0.7	−45.3	45.4	270	0.0	0.017	1.0
296	270	271	0.0	0.0	1.0	25.3	23.5	−47.3	52.8	296	B_d	0.0	0.398	1.0	38.8	0.0	−45.3	45.4	270	B_s	0.0	0.0	1.0	0.0	0.375	1.0	37.9	1.4	−45.3	45.5	271	B_e	0.0	0.0	1.0
297	271	272	0.016	0.0	1.0	25.8	24.6	−46.8	52.9	297	0.0	0.385	1.0	38.3	0.8	−45.3	45.4	271	0.017	0.0	1.0	0.0	0.363	1.0	37.5	2.1	−45.5	45.6	272	0.017	0.0	1.0
299	272	273	0.033	0.0	1.0	26.3	25.8	−46.2	52.9	299	0.0	0.371	1.0	37.8	1.6	−45.4	45.5	272	0.033	0.0	1.0	0.0	0.351	1.0	37.1	2.9	−45.6	45.8	273	0.033	0.0	1.0
300	273	274	0.05	0.0	1.0	26.9	26.9	−45.6	52.9	300	0.0	0.359	1.0	37.3	2.4	−45.5	45.7	273	0.05	0.0	1.0	0.0	0.339	1.0	36.6	3.7	−45.7	45.9	274	0.05	0.0	1.0
301	274	275	0.066	0.0	1.0	27.4	28.0	−45.0	53.0	301	0.0	0.346	1.0	36.9	3.2	−45.6	45.8	274	0.067	0.0	1.0	0.0	0.327	1.0	36.2	4.4	−45.7	46.0	275	0.067	0.0	1.0
303	275	276	0.083	0.0	1.0	27.9	29.1	−44.3	53.0	303	0.0	0.334	1.0	36.4	4.0	−45.7	46.0	275	0.083	0.0	1.0	0.0	0.315	1.0	35.7	5.2	−45.8	46.2	276	0.083	0.0	1.0
304	276	277	0.1	0.0	1.0	28.5	30.2	−43.6	53.1	304	0.0	0.321	1.0	36.0	4.8	−45.8	46.1	276	0.1	0.0	1.0	0.0	0.303	1.0	35.3	6.0	−45.9	46.3	277	0.1	0.0	1.0
306	277	278	0.116	0.0	1.0	29.0	31.2	−42.9	53.1	306	0.0	0.309	1.0	35.5	5.6	−45.8	46.3	277	0.117	0.0	1.0	0.0	0.291	1.0	34.9	6.8	−45.9	46.5	278	0.117	0.0	1.0
307	278	279	0.133	0.0	1.0	29.4	32.1	−42.3	53.1	307	0.0	0.296	1.0	35.0	6.5	−45.9	46.4	278	0.133	0.0	1.0	0.0	0.279	1.0	34.4	7.6	−45.9	46.6	279	0.133	0.0	1.0
307	279	280	0.15	0.0	1.0	29.7	32.7	−41.9	53.2	307	0.0	0.283	1.0	34.6	7.3	−45.9	46.6	279	0.15	0.0	1.0	0.0	0.267	1.0	34.0	8.3	−45.9	46.8	280	0.15	0.0	1.0
308	280	281	0.166	0.0	1.0	30.0	33.3	−41.5	53.2	308	0.0	0.271	1.0	34.1	8.1	−45.9	46.7	280	0.167	0.0	1.0	0.0	0.256	1.0	33.5	9.1	−45.9	46.9	281	0.167	0.0	1.0
309	281	282	0.183	0.0	1.0	30.3	33.9	−41.0	53.2	309	0.0	0.258	1.0	33.6	8.9	−45.9	46.9	281	0.183	0.0	1.0	0.0	0.243	1.0	33.1	9.9	−46.0	47.2	282	0.183	0.0	1.0
310	282	283	0.2	0.0	1.0	30.6	34.5	−40.6	53.3	310	0.0	0.245	1.0	33.1	9.8	−46.0	47.1	282	0.2	0.0	1.0	0.0	0.229	1.0	32.5	10.8	−46.2	47.5	283	0.2	0.0	1.0
311	283	284	0.216	0.0	1.0	30.9	35.0	−40.1	53.3	311	0.0	0.231	1.0	32.6	10.7	−46.2	47.5	283	0.217	0.0	1.0	0.0	0.215	1.0	32.0	11.6	−46.3	47.9	284	0.217	0.0	1.0
311	284	285	0.233	0.0	1.0	31.2	35.6	−39.6	53.3	311	0.0	0.216	1.0	32.1	11.6	−46.3	47.8	284	0.233	0.0	1.0	0.0	0.202	1.0	31.5	12.5	−46.5	48.2	285	0.233	0.0	1.0
312	285	285	0.25	0.0	1.0	31.5	36.2	−39.2	53.4	312	0.0	0.202	1.0	31.5	12.5	−46.5	48.2	285	0.25	0.0	1.0	0.0	0.188	1.0	31.0	13.3	−46.6	48.5	285	0.25	0.0	1.0
314	286	286	0.266	0.0	1.0	31.8	37.8	−38.3	53.8	314	0.0	0.188	1.0	31.0	13.4	−46.6	48.6	286	0.267	0.0	1.0	0.0	0.175	1.0	30.5	14.2	−46.7	48.9	286	0.267	0.0	1.0
316	287	287	0.283	0.0	1.0	32.1	39.4	−37.4	54.3	316	0.0	0.173	1.0	30.4	14.3	−46.7	48.9	287	0.283	0.0	1.0	0.0	0.161	1.0	30.0	15.1	−46.8	49.2	287	0.283	0.0	1.0
318	288	288	0.3	0.0	1.0	32.4	40.9	−36.4	54.8	318	0.0	0.159	1.0	29.9	15.2	−46.8	49.3	288	0.3	0.0	1.0	0.0	0.147	1.0	29.5	16.0	−46.8	49.6	288	0.3	0.0	1.0
320	289	289	0.316	0.0	1.0	32.7	42.4	−35.3	55.3	320	0.0	0.145	1.0	29.4	16.2	−46.8	49.6	289	0.317	0.0	1.0	0.0	0.134	1.0	28.9	16.9	−46.9	49.9	289	0.317	0.0	1.0
322	290	290	0.333	0.0	1.0	33.0	43.9	−34.2	55.7	322	0.0	0.13	1.0	28.8	17.1	−46.9	50.0	290	0.333	0.0	1.0	0.0	0.118	1.0	28.4	17.8	−46.9	50.3	290	0.333	0.0	1.0
323	291	291	0.35	0.0	1.0	33.3	45.4	−33.1	56.2	323	0.0	0.112	1.0	28.3	18.1	−47.0	50.4	291	0.35	0.0	1.0	0.0	0.098	1.0	27.9	18.7	−47.0	50.7	291	0.35	0.0	1.0
325	292	292	0.366	0.0	1.0	33.6	46.9	−31.8	56.7	325	0.0	0.091	1.0	27.7	19.1	−47.1	50.9	292	0.367	0.0	1.0	0.0	0.079	1.0	27.4	19.6	−47.1	51.1	292	0.367	0.0	1.0
327	293	293	0.383	0.0	1.0	34.0	48.0	−30.9	57.1	327	0.0	0.07	1.0	27.2	20.1	−47.1	51.3	293	0.383	0.0	1.0	0.0	0.059	1.0	26.9	20.6	−47.2	51.6	293	0.383	0.0	1.0
328	294	294	0.4	0.0	1.0	34.6	48.9	−30.3	57.5	328	0.0	0.05	1.0	26.6	21.1	−47.2	51.8	294	0.4	0.0	1.0	0.0	0.04	1.0	26.4	21.6	−47.2	52.0	294	0.4	0.0	1.0
329	295	295	0.416	0.0	1.0	35.1	49.7	−29.7	57.9	329	0.0	0.029	1.0	26.1	22.1	−47.2	52.2	295	0.417	0.0	1.0	0.0	0.02	1.0	25.9	22.5	−47.3	52.4	295	0.417	0.0	1.0
330	296	296	0.433	0.0	1.0	35.7	50.5	−29.0	58.3	330	0.0	0.008	1.0	25.6	23.1	−47.3	52.7	296	0.433	0.0	1.0	0.0	0.001	1.0	25.3	23.5	−47.3	52.9	296	0.433	0.0	1.0
331	297	297	0.45	0.0	1.0	36.2	51.4	−28.4	58.7	331	0.007	0.0	1.0	25.6	24.0	−47.0	52.9	297	0.45	0.0	1.0	0.011	0.0	1.0	25.7	24.3	−46.9	52.9	297	0.45	0.0	1.0
332	298	298	0.466	0.0	1.0	36.7	52.2	−27.7	59.1	332	0.019	0.0	1.0	25.9	24.8	−46.6	52.9	298	0.467	0.0	1.0	0.023	0.0	1.0	26.1	25.1	−46.5	52.9	298	0.467	0.0	1.0
332	299	299	0.483	0.0	1.0	37.3	53.0	−27.0	59.5	332	0.031	0.0	1.0	26.3	25.7	−46.2	52.9	299	0.483	0.0	1.0	0.034	0.0	1.0	26.4	25.9	−46.1	53.0	299	0.483	0.0	1.0
333	300	300	0.5	0.0	1.0	37.8	53.8	−26.3	59.9	333	0.043	0.0	1.0	26.7	26.5	−45.8	53.0	300	0.5	0.0	1.0	0.046	0.0	1.0	26.8	26.6	−45.7	53.0	300	0.5	0.0	1.0

*rgb**$_{dd}$ *rgb**$_{ds}$ *rgb**$_{de}$

Data of Maximum color M in colorimetric system Offset standard print; separation cmyn6*, D65 for input or output; Six hue angles of the 60 degree standard colours *RYGCBM*$_s$: $h_{ab,ds}$ = 30.0, 90.0, 150.0, 210.0, 270.0, 330.0; Six hue angles of the device colours *RYGCBM*$_d$: $h_{ab,d}$ = 32.8, 97.2, 157.8, 236.2, 296.4, 353.3; Six hue angles of the elementary colours *RYGCBM*$_e$: $h_{ab,e}$ = 25.5, 92.3, 162.2, 217.0, 271.7, 328.6

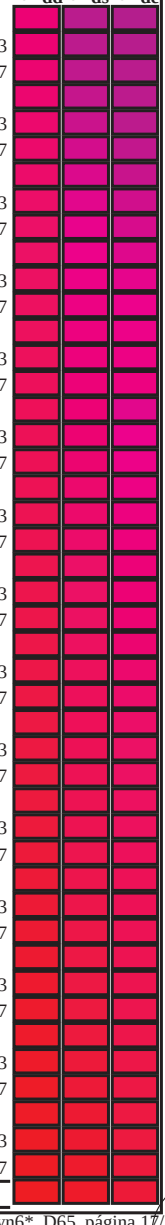
$h_{ab,d}$	$h_{ab,s}$	$h_{ab,e}$	*rgb**dd361M			*LAB**ddx361Mi (x=LabCh)					*rgb**ds361Mi			*LAB**dsx361Mi (x=LabCh)					*rgb**dd361Mi			*rgb**de361Mi			*LAB**dex361Mi (x=LabCh)					*rgb**dd361Mi		
333	300	300	0.5	0.0	1.0	37.8	53.8	−26.3	59.9	333	0.043	0.0	1.0	26.7	26.5	−45.8	53.0	300	0.5	0.0	1.0	0.046	0.0	1.0	26.8	26.6	−45.7	53.0	300	0.5	0.0	1.0
334	301	301	0.516	0.0	1.0	38.3	54.5	−25.7	60.3	334	0.056	0.0	1.0	27.1	27.3	−45.3	53.0	301	0.517	0.0	1.0	0.057	0.0	1.0	27.2	27.4	−45.3	53.0	301	0.517	0.0	1.0
335	302	302	0.533	0.0	1.0	38.7	55.2	−25.2	60.6	335	0.068	0.0	1.0	27.5	28.1	−44.9	53.0	302	0.533	0.0	1.0	0.068	0.0	1.0	27.5	28.2	−44.8	53.0	302	0.533	0.0	1.0
336	303	303	0.55	0.0	1.0	39.1	55.8	−24.6	61.0	336	0.08	0.0	1.0	27.9	28.9	−44.4	53.1	303	0.55	0.0	1.0	0.08	0.0	1.0	27.9	28.9	−44.4	53.1	303	0.55	0.0	1.0
336	304	303	0.566	0.0	1.0	39.5	56.5	−24.0	61.4	336	0.092	0.0	1.0	28.3	29.7	−43.9	53.1	304	0.567	0.0	1.0	0.091	0.0	1.0	28.3	29.7	−43.9	53.1	303	0.567	0.0	1.0
337	305	304	0.583	0.0	1.0	39.9	57.2	−23.4	61.8	337	0.104	0.0	1.0	28.7	30.5	−43.4	53.1	305	0.583	0.0	1.0	0.103	0.0	1.0	28.6	30.4	−43.5	53.1	304	0.583	0.0	1.0
338	306	305	0.6	0.0	1.0	40.3	57.8	−22.8	62.2	338	0.116	0.0	1.0	29.0	31.2	−42.9	53.1	306	0.6	0.0	1.0	0.114	0.0	1.0	29.0	31.1	−43.0	53.1	305	0.6	0.0	1.0
339	307	306	0.616	0.0	1.0	40.7	58.5	−22.1	62.5	339	0.13	0.0	1.0	29.4	32.0	−42.4	53.2	307	0.617	0.0	1.0	0.126	0.0	1.0	29.4	31.9	−42.5	53.2	306	0.617	0.0	1.0
340	308	307	0.633	0.0	1.0	41.1	59.3	−21.4	63.0	340	0.151	0.0	1.0	29.8	32.8	−41.8	53.2	308	0.633	0.0	1.0	0.146	0.0	1.0	29.7	32.6	−42.0	53.2	307	0.633	0.0	1.0
341	309	308	0.65	0.0	1.0	41.4	60.3	−20.5	63.7	341	0.172	0.0	1.0	30.2	33.5	−41.3	53.3	309	0.65	0.0	1.0	0.166	0.0	1.0	30.1	33.3	−41.5	53.2	308	0.65	0.0	1.0
342	310	309	0.666	0.0	1.0	41.7	61.3	−19.7	64.3	342	0.193	0.0	1.0	30.6	34.3	−40.7	53.3	310	0.667	0.0	1.0	0.186	0.0	1.0	30.4	34.0	−40.9	53.3	309	0.667	0.0	1.0
343	311	310	0.683	0.0	1.0	41.9	62.2	−18.8	65.0	343	0.214	0.0	1.0	30.9	35.0	−40.2	53.3	311	0.683	0.0	1.0	0.205	0.0	1.0	30.8	34.7	−40.4	53.3	310	0.683	0.0	1.0
344	312	311	0.7	0.0	1.0	42.2	63.2	−17.8	65.6	344	0.234	0.0	1.0	31.3	35.7	−39.6	53.4	312	0.7	0.0	1.0	0.225	0.0	1.0	31.1	35.4	−39.8	53.4	311	0.7	0.0	1.0
345	313	312	0.716	0.0	1.0	42.5	64.1	−16.9	66.3	345	0.252	0.0	1.0	31.6	36.5	−39.0	53.5	313	0.717	0.0	1.0	0.245	0.0	1.0	31.5	36.1	−39.3	53.4	312	0.717	0.0	1.0
346	314	313	0.733	0.0	1.0	42.8	65.0	−15.9	66.9	346	0.261	0.0	1.0	31.8	37.3	−38.5	53.7	314	0.733	0.0	1.0	0.256	0.0	1.0	31.7	36.8	−38.8	53.6	313	0.733	0.0	1.0
347	315	314	0.75	0.0	1.0	43.1	65.9	−14.9	67.6	347	0.27	0.0	1.0	31.9	38.2	−38.1	54.0	315	0.75	0.0	1.0	0.265	0.0	1.0	31.8	37.7	−38.4	53.8	314	0.75	0.0	1.0
347	316	315	0.766	0.0	1.0	43.5	66.4	−14.5	68.0	347	0.279	0.0	1.0	32.1	39.0	−37.6	54.2	316	0.767	0.0	1.0	0.273	0.0	1.0	32.0	38.5	−37.9	54.1	315	0.767	0.0	1.0
348	317	316	0.783	0.0	1.0	43.8	66.9	−14.1	68.4	348	0.288	0.0	1.0	32.3	39.8	−37.1	54.5	317	0.783	0.0	1.0	0.282	0.0	1.0	32.1	39.3	−37.4	54.3	316	0.783	0.0	1.0
348	318	317	0.8	0.0	1.0	44.2	67.3	−13.7	68.7	348	0.297	0.0	1.0	32.4	40.7	−36.5	54.7	318	0.8	0.0	1.0	0.29	0.0	1.0	32.3	40.0	−36.9	54.5	317	0.8	0.0	1.0
348	319	318	0.816	0.0	1.0	44.6	67.8	−13.3	69.1	348	0.306	0.0	1.0	32.6	41.5	−36.0	55.0	319	0.817	0.0	1.0	0.299	0.0	1.0	32.4	40.8	−36.4	54.8	318	0.817	0.0	1.0
349	320	319	0.833	0.0	1.0	45.0	68.3	−12.9	69.5	349	0.315	0.0	1.0	32.7	42.3	−35.4	55.2	320	0.833	0.0	1.0	0.307	0.0	1.0	32.6	41.6	−35.9	55.0	319	0.833	0.0	1.0
349	321	320	0.85	0.0	1.0	45.3	68.8	−12.5	69.9	349	0.324	0.0	1.0	32.9	43.1	−34.8	55.5	321	0.85	0.0	1.0	0.315	0.0	1.0	32.7	42.4	−35.4	55.3	320	0.85	0.0	1.0
350	322	321	0.866	0.0	1.0	45.7	69.2	−12.1	70.3	350	0.333	0.0	1.0	33.1	43.9	−34.2	55.8	322	0.867	0.0	1.0	0.324	0.0	1.0	32.9	43.2	−34.8	55.5	321	0.867	0.0	1.0
350	323	321	0.883	0.0	1.0	46.1	69.7	−11.7	70.7	350	0.342	0.0	1.0	33.2	44.7	−33.6	56.0	323	0.883	0.0	1.0	0.332	0.0	1.0	33.0	43.9	−34.2	55.7	321	0.883	0.0	1.0
350	324	322	0.9	0.0	1.0	46.4	70.1	−11.2	71.0	350	0.351	0.0	1.0	33.4	45.5	−33.0	56.3	324	0.9	0.0	1.0	0.341	0.0	1.0	33.2	44.7	−33.7	56.0	322	0.9	0.0	1.0
351	325	323	0.916	0.0	1.0	46.7	70.6	−10.8	71.4	351	0.359	0.0	1.0	33.5	46.3	−32.3	56.5	325	0.917	0.0	1.0	0.349	0.0	1.0	33.4	45.4	−33.1	56.2	323	0.917	0.0	1.0
351	326	324	0.933	0.0	1.0	47.0	71.0	−10.3	71.8	351	0.368	0.0	1.0	33.7	47.1	−31.6	56.8	326	0.933	0.0	1.0	0.358	0.0	1.0	33.5	46.2	−32.4	56.5	324	0.933	0.0	1.0
352	327	325	0.95	0.0	1.0	47.3	71.5	−9.9	72.2	352	0.379	0.0	1.0	34.0	47.9	−31.0	57.1	327	0.95	0.0	1.0	0.366	0.0	1.0	33.7	46.9	−31.8	56.7	325	0.95	0.0	1.0
352	328	326	0.966	0.0	1.0	47.6	71.9	−9.4	72.5	352	0.397	0.0	1.0	34.5	48.7	−30.4	57.5	328	0.967	0.0	1.0	0.375	0.0	1.0	33.8	47.6	−31.2	57.0	326	0.967	0.0	1.0
352	329	327	0.983	0.0	1.0	47.9	72.4	−9.0	72.9	352	0.414	0.0	1.0	35.1	49.6	−29.7	57.9	329	0.983	0.0	1.0	0.391	0.0	1.0	34.3	48.4	−30.6	57.3	327	0.983	0.0	1.0
353	330	328	1.0	0.0	1.0	48.2	72.8	−8.5	73.3	353	M_d	0.432	0.0	1.0	35.7	50.5	−29.1	58.3	330	M_s	1.0	0.0	1.0	0.407	0.0	1.0	34.9	49.3	−30.0	57.7	328	M_e	1.0	0.0	1.0
353	331	329	1.0	0.0	0.983	48.2	72.7	−7.9	73.1	353	0.449	0.0	1.0	36.2	51.4	−28.4	58.7	331	1.0	0.0	0.983	0.424	0.0	1.0	35.4	50.1	−29.4	58.1	329	1.0	0.0	0.983
354	332	330	1.0	0.0	0.966	48.2	72.5	−7.4	72.9	354	0.467	0.0	1.0	36.8	52.2	−27.7	59.1	332	1.0	0.0	0.967	0.441	0.0	1.0	35.9	50.9	−28.7	58.5	330	1.0	0.0	0.967
354	333	331	1.0	0.0	0.95	48.2	72.4	−6.8	72.7	354	0.484	0.0	1.0	37.4	53.1	−26.9	59.6	333	1.0	0.0	0.95	0.457	0.0	1.0	36.5	51.8	−28.1	58.9	331	1.0	0.0	0.95
355	334	332	1.0	0.0	0.933	48.2	72.2	−6.2	72.5	355	0.502	0.0	1.0	37.9	53.9	−26.2	60.0	334	1.0	0.0	0.933	0.474	0.0	1.0	37.0	52.6	−27.4	59.3	332	1.0	0.0	0.933
355	335	333	1.0	0.0	0.916	48.2	72.0	−5.7	72.3	355	0.524	0.0	1.0	38.5	54.8	−25.5	60.5	335	1.0	0.0	0.917	0.49	0.0	1.0	37.6	53.4	−26.7	59.7	333	1.0	0.0	0.917
355	336	334	1.0	0.0	0.9	48.2	71.9	−5.1	72.1	355	0.546	0.0	1.0	39.0	55.7	−24.7	61.0	336	1.0	0.0	0.9	0.508	0.0	1.0	38.1	54.2	−26.0	60.1	334	1.0	0.0	0.9
356	337	335	1.0	0.0	0.883	48.2	71.7	−4.6	71.8	356	0.567	0.0	1.0	39.6	56.6	−23.9	61.5	337	1.0	0.0	0.883	0.529	0.0	1.0	38.6	55.0	−25.3	60.6	335	1.0	0.0	0.883
356	338	336	1.0	0.0	0.866	48.2	71.5	−4.0	71.7	356	0.589	0.0	1.0	40.1	57.5	−23.1	62.0	338	1.0	0.0	0.867	0.55	0.0	1.0	39.1	55.9	−24.6	61.1	336	1.0	0.0	0.867
357	339	337	1.0	0.0	0.85	48.2	71.4	−3.3	71.5	357	0.611	0.0	1.0	40.7	58.3	−22.3	62.5	339	1.0	0.0	0.85	0.57	0.0	1.0	39.6	56.7	−23.8	61.5	337	1.0	0.0	0.85
357	340	338	1.0	0.0	0.833	48.2	71.3	−2.7	71.3	357	0.631	0.0	1.0	41.1	59.2	−21.5	63.0	340	1.0	0.0	0.833	0.591	0.0	1.0	40.2	57.5	−23.0	62.0	338	1.0	0.0	0.833
358	341	339	1.0	0.0	0.816	48.2	71.1	−2.1	71.1	358	0.648	0.0	1.0	41.4	60.2	−20.6	63.7	341	1.0	0.0	0.817	0.612	0.0	1.0	40.7	58.3	−22.3	62.5	339	1.0	0.0	0.817
358	342	339	1.0	0.0	0.8	48.2	70.9	−1.4	71.0	358	0.664	0.0	1.0	41.7	61.1	−19.8	64.3	342	1.0	0.0	0.8	0.631	0.0	1.0	41.1	59.2	−21.5	63.0	339	1.0	0.0	0.8
359	343	340	1.0	0.0	0.783	48.1	70.8	−0.8	70.8	359	0.68	0.0	1.0	41.9	62.1	−18.9	64.9	343	1.0	0.0	0.783	0.646	0.0	1.0	41.4	60.1	−20.7	63.6	340	1.0	0.0	0.783
359	344	341	1.0	0.0	0.766	48.1	70.6	−0.2	70.6	359	0.697	0.0	1.0	42.2	63.0	−18.0	65.6	344	1.0	0.0	0.767	0.662	0.0	1.0	41.6	61.0	−19.9	64.2	341	1.0	0.0	0.767
360	345	342	1.0	0.0	0.75	48.1	70.4	0.3	70.4	360	0.713	0.0	1.0	42.5	64.0	−17.0	66.2	345	1.0	0.0	0.75	0.678	0.0	1.0	41.9	61.9	−19.0	64.8	342	1.0	0.0	0.75

*rgb**dd *rgb**ds *rgb**de

2−0031530−L0 QS140−70 LAB*la0, YN=0%, XYZnw=2.4, 2.5, 2.6, 85.1, 88.8, 104.3, LAB*nw=17.7, 0.0, 0.0, 95.5, 0.0, 0.0 salida: Offset standard print; separation cmyn6*, D65, página 16/33

Data of Maximum color M in colorimetric system Offset standard print; separation cmyn6*, D65 for input or output; Six hue angles of the 60 degree standard colours *RYGCBM*$_s$: $h_{ab,ds}$ = 30.0, 90.0, 150.0, 210.0, 270.0, 330.0; Six hue angles of the device colours *RYGCBM*$_d$: $h_{ab,d}$ = 32.8, 97.2, 157.8, 236.2, 296.4, 353.3; Six hue angles of the elementary colours *RYGCBM*$_e$: $h_{ab,e}$ = 25.5, 92.3, 162.2, 217.0, 271.7, 328.6

$h_{ab,d}$	$h_{ab,s}$	$h_{ab,e}$	*rgb**dd361M			*LAB**ddx361Mi (x=LabCh)					*rgb**ds361Mi			*LAB**dsx361Mi (x=LabCh)					*rgb**dd361Mi			*rgb**de361Mi			*LAB**dex361Mi (x=LabCh)					*rgb**dd361Mi			*rgb**dd	*rgb**ds	*rgb**de
360	345	342	1.0	0.0	0.75	48.1	70.4	0.3	70.4	360	0.713	0.0	1.0	42.5	64.0	−17.0	66.2	345	1.0	0.0	0.75	0.678	0.0	1.0	41.9	61.9	−19.0	64.8	342	1.0	0.0	0.75			
361	346	343	1.0	0.0	0.733	48.1	70.3	1.3	70.3	361	0.73	0.0	1.0	42.8	64.9	−16.1	66.9	346	1.0	0.0	0.733	0.693	0.0	1.0	42.2	62.8	−18.2	65.4	343	1.0	0.0	0.733			
361	347	344	1.0	0.0	0.716	48.1	70.1	2.2	70.1	361	0.746	0.0	1.0	43.1	65.8	−15.1	67.5	347	1.0	0.0	0.717	0.709	0.0	1.0	42.4	63.7	−17.3	66.0	344	1.0	0.0	0.717			
362	348	345	1.0	0.0	0.7	48.1	69.9	3.1	70.0	362	0.782	0.0	1.0	43.9	66.9	−14.1	68.4	348	1.0	0.0	0.7	0.724	0.0	1.0	42.7	64.6	−16.4	66.6	345	1.0	0.0	0.7			
363	349	346	1.0	0.0	0.683	48.1	69.7	4.0	69.8	363	0.823	0.0	1.0	44.8	68.0	−13.1	69.3	349	1.0	0.0	0.683	0.74	0.0	1.0	43.0	65.4	−15.5	67.3	346	1.0	0.0	0.683			
364	350	347	1.0	0.0	0.666	48.0	69.5	4.9	69.7	364	0.864	0.0	1.0	45.7	69.2	−12.1	70.3	350	1.0	0.0	0.667	0.764	0.0	1.0	43.4	66.4	−14.5	68.0	347	1.0	0.0	0.667			
364	351	348	1.0	0.0	0.65	48.0	69.3	5.7	69.5	364	0.905	0.0	1.0	46.5	70.3	−11.0	71.2	351	1.0	0.0	0.65	0.803	0.0	1.0	44.3	67.5	−13.6	68.9	348	1.0	0.0	0.65			
365	352	349	1.0	0.0	0.633	48.0	69.0	6.6	69.3	365	0.946	0.0	1.0	47.3	71.4	−9.9	72.1	352	1.0	0.0	0.633	0.842	0.0	1.0	45.2	68.6	−12.7	69.8	349	1.0	0.0	0.633			
366	353	350	1.0	0.0	0.616	48.0	68.8	7.5	69.2	366	0.988	0.0	1.0	48.0	72.5	−8.8	73.1	353	1.0	0.0	0.617	0.881	0.0	1.0	46.1	69.7	−11.7	70.6	350	1.0	0.0	0.617			
367	354	351	1.0	0.0	0.6	47.9	68.7	8.5	69.2	367	1.0	0.0	0.973	48.3	72.6	−7.5	73.0	354	1.0	0.0	0.6	0.92	0.0	1.0	46.8	70.7	−10.7	71.5	351	1.0	0.0	0.6			
367	355	352	1.0	0.0	0.583	47.9	68.6	9.4	69.2	367	1.0	0.0	0.935	48.3	72.3	−6.2	72.5	355	1.0	0.0	0.583	0.959	0.0	1.0	47.5	71.8	−9.6	72.4	352	1.0	0.0	0.583			
368	356	353	1.0	0.0	0.566	47.9	68.4	10.3	69.2	368	1.0	0.0	0.896	48.3	71.9	−4.9	72.1	356	1.0	0.0	0.567	0.998	0.0	1.0	48.2	72.8	−8.5	73.3	353	1.0	0.0	0.567			
369	357	354	1.0	0.0	0.55	47.8	68.2	11.2	69.2	369	1.0	0.0	0.86	48.3	71.5	−3.6	71.6	357	1.0	0.0	0.55	1.0	0.0	0.965	48.3	72.6	−7.3	72.9	354	1.0	0.0	0.55			
370	358	355	1.0	0.0	0.533	47.8	68.1	12.1	69.1	370	1.0	0.0	0.827	48.2	71.2	−2.4	71.3	358	1.0	0.0	0.533	1.0	0.0	0.929	48.3	72.2	−6.0	72.5	355	1.0	0.0	0.533			
370	359	356	1.0	0.0	0.516	47.7	67.9	13.1	69.1	370	1.0	0.0	0.794	48.2	70.9	−1.1	70.9	359	1.0	0.0	0.517	1.0	0.0	0.892	48.3	71.8	−4.8	72.0	356	1.0	0.0	0.517			
371	360	352	1.0	0.0	0.5	47.7	67.7	14.0	69.1	371	1.0	0.0	0.761	48.2	70.6	0.0	70.6	360	1.0	0.0	0.5	0.949	0.0	1.0	47.3	71.5	−9.9	72.2	352	1.0	0.0	0.5			
372	361	353	1.0	0.0	0.483	47.7	67.5	15.0	69.2	372	1.0	0.0	0.735	48.1	70.3	1.2	70.3	361	1.0	0.0	0.483	0.995	0.0	1.0	48.2	72.7	−8.6	73.2	353	1.0	0.0	0.483			
373	362	354	1.0	0.0	0.466	47.7	67.3	16.1	69.2	373	1.0	0.0	0.712	48.1	70.1	2.4	70.1	362	1.0	0.0	0.467	1.0	0.0	0.962	48.3	72.5	−7.2	72.9	354	1.0	0.0	0.467			
374	363	355	1.0	0.0	0.45	47.7	67.2	17.1	69.3	374	1.0	0.0	0.69	48.1	69.8	3.7	69.9	363	1.0	0.0	0.45	1.0	0.0	0.919	48.3	72.1	−5.7	72.3	355	1.0	0.0	0.45			
375	364	356	1.0	0.0	0.433	47.7	67.0	18.2	69.4	375	1.0	0.0	0.667	48.1	69.5	4.9	69.7	364	1.0	0.0	0.433	1.0	0.0	0.876	48.3	71.7	−4.3	71.8	356	1.0	0.0	0.433			
376	365	357	1.0	0.0	0.416	47.7	66.7	19.2	69.5	376	1.0	0.0	0.645	48.1	69.2	6.1	69.5	365	1.0	0.0	0.417	1.0	0.0	0.839	48.3	71.4	−2.9	71.4	357	1.0	0.0	0.417			
376	366	358	1.0	0.0	0.4	47.7	66.5	20.3	69.5	376	1.0	0.0	0.623	48.0	68.9	7.2	69.3	366	1.0	0.0	0.4	1.0	0.0	0.802	48.2	71.0	−1.5	71.0	358	1.0	0.0	0.4			
377	367	359	1.0	0.0	0.383	47.7	66.3	21.3	69.6	377	1.0	0.0	0.601	48.0	68.8	8.4	69.3	367	1.0	0.0	0.383	1.0	0.0	0.765	48.2	70.6	−0.1	70.6	359	1.0	0.0	0.383			
378	368	360	1.0	0.0	0.366	47.7	66.1	22.3	69.7	378	1.0	0.0	0.58	47.9	68.6	9.6	69.3	368	1.0	0.0	0.367	1.0	0.0	0.735	48.1	70.3	1.2	70.3	360	1.0	0.0	0.367			
379	369	362	1.0	0.0	0.35	47.7	66.0	23.2	69.9	379	1.0	0.0	0.558	47.9	68.4	10.8	69.2	369	1.0	0.0	0.35	1.0	0.0	0.71	48.1	70.1	2.6	70.1	362	1.0	0.0	0.35			
380	370	363	1.0	0.0	0.333	47.7	65.8	24.2	70.2	380	1.0	0.0	0.536	47.8	68.1	12.0	69.2	370	1.0	0.0	0.333	1.0	0.0	0.685	48.1	69.8	3.9	69.9	363	1.0	0.0	0.333			
380	371	364	1.0	0.0	0.316	47.7	65.7	25.1	70.4	380	1.0	0.0	0.515	47.8	67.9	13.2	69.2	371	1.0	0.0	0.317	1.0	0.0	0.66	48.1	69.4	5.2	69.6	364	1.0	0.0	0.317			
381	372	365	1.0	0.0	0.3	47.7	65.6	26.0	70.6	381	1.0	0.0	0.494	47.8	67.7	14.4	69.2	372	1.0	0.0	0.3	1.0	0.0	0.635	48.1	69.1	6.6	69.4	365	1.0	0.0	0.3			
382	373	366	1.0	0.0	0.283	47.7	65.4	27.0	70.8	382	1.0	0.0	0.475	47.8	67.5	15.6	69.3	373	1.0	0.0	0.283	1.0	0.0	0.611	48.0	68.8	7.9	69.3	366	1.0	0.0	0.283			
383	374	367	1.0	0.0	0.266	47.7	65.2	27.9	71.0	383	1.0	0.0	0.456	47.8	67.3	16.8	69.3	374	1.0	0.0	0.267	1.0	0.0	0.587	48.0	68.6	9.2	69.3	367	1.0	0.0	0.267			
383	375	368	1.0	0.0	0.25	47.7	65.0	28.9	71.2	383	1.0	0.0	0.437	47.8	67.1	18.0	69.4	375	1.0	0.0	0.25	1.0	0.0	0.563	47.9	68.4	10.6	69.2	368	1.0	0.0	0.25			
384	376	369	1.0	0.0	0.233	47.6	65.0	29.7	71.5	384	1.0	0.0	0.418	47.8	66.8	19.2	69.5	376	1.0	0.0	0.233	1.0	0.0	0.539	47.8	68.2	11.9	69.2	369	1.0	0.0	0.233			
385	377	370	1.0	0.0	0.216	47.6	64.9	30.5	71.8	385	1.0	0.0	0.399	47.8	66.5	20.3	69.6	377	1.0	0.0	0.217	1.0	0.0	0.515	47.8	67.9	13.2	69.2	370	1.0	0.0	0.217			
385	378	372	1.0	0.0	0.2	47.6	64.9	31.4	72.1	385	1.0	0.0	0.38	47.8	66.3	21.5	69.7	378	1.0	0.0	0.2	1.0	0.0	0.492	47.8	67.6	14.5	69.2	372	1.0	0.0	0.2			
386	379	373	1.0	0.0	0.183	47.5	64.8	32.2	72.4	386	1.0	0.0	0.359	47.8	66.1	22.8	69.9	379	1.0	0.0	0.183	1.0	0.0	0.471	47.8	67.4	15.8	69.3	373	1.0	0.0	0.183			
387	380	374	1.0	0.0	0.166	47.5	64.7	33.0	72.7	387	1.0	0.0	0.337	47.8	65.9	24.0	70.2	380	1.0	0.0	0.167	1.0	0.0	0.45	47.8	67.2	17.2	69.4	374	1.0	0.0	0.167			
387	381	375	1.0	0.0	0.15	47.5	64.6	33.9	72.9	387	1.0	0.0	0.315	47.8	65.7	25.2	70.4	381	1.0	0.0	0.15	1.0	0.0	0.429	47.8	67.0	18.5	69.5	375	1.0	0.0	0.15			
388	382	376	1.0	0.0	0.133	47.4	64.5	34.7	73.2	388	1.0	0.0	0.293	47.7	65.5	26.5	70.7	382	1.0	0.0	0.133	1.0	0.0	0.408	47.8	66.7	19.8	69.6	376	1.0	0.0	0.133			
388	383	377	1.0	0.0	0.116	47.4	64.4	35.5	73.6	388	1.0	0.0	0.271	47.7	65.3	27.7	71.0	383	1.0	0.0	0.117	1.0	0.0	0.386	47.8	66.4	21.2	69.6	377	1.0	0.0	0.117			
389	384	378	1.0	0.0	0.1	47.4	64.3	36.3	73.9	389	1.0	0.0	0.249	47.7	65.1	29.0	71.2	384	1.0	0.0	0.1	1.0	0.0	0.364	47.8	66.1	22.5	69.8	378	1.0	0.0	0.1			
390	385	379	1.0	0.0	0.083	47.4	64.3	37.1	74.2	390	1.0	0.0	0.222	47.7	65.0	30.3	71.7	385	1.0	0.0	0.083	1.0	0.0	0.339	47.8	65.9	23.9	70.1	379	1.0	0.0	0.083			
390	386	381	1.0	0.0	0.066	47.4	64.2	37.9	74.6	390	1.0	0.0	0.195	47.6	64.9	31.6	72.2	386	1.0	0.0	0.067	1.0	0.0	0.315	47.8	65.7	25.3	70.4	381	1.0	0.0	0.067			
391	387	382	1.0	0.0	0.049	47.4	64.1	38.7	74.9	391	1.0	0.0	0.169	47.6	64.7	33.0	72.7	387	1.0	0.0	0.05	1.0	0.0	0.29	47.7	65.5	26.7	70.7	382	1.0	0.0	0.05			
391	388	383	1.0	0.0	0.033	47.3	64.0	39.5	75.3	391	1.0	0.0	0.142	47.5	64.6	34.3	73.1	388	1.0	0.0	0.033	1.0	0.0	0.266	47.7	65.3	28.0	71.0	383	1.0	0.0	0.033			
392	389	384	1.0	0.0	0.016	47.3	63.9	40.3	75.6	392	1.0	0.0	0.114	47.5	64.4	35.7	73.7	389	1.0	0.0	0.017	1.0	0.0	0.239	47.7	65.1	29.5	71.4	384	1.0	0.0	0.017			
392	390	385	1.0	0.0	0.0	47.3	63.8	41.2	76.0	392	R_d	1.0	0.0	0.084	47.4	64.3	37.1	74.3	390	R_s	1.0	0.0	0.0	1.0	0.0	0.209	47.6	64.9	30.9	71.9	385	R_e	1.0	0.0	0.0			



n/j	HIC*$_{Fd}$	*rgb*$_{Fd}$			*ict*$_{Fd}$			$h_{si\_F,d}$	*rgb**$_{Fd}$			*LabCh**$_{Fd}$					*rgb**'$_{Fd}$			*LabCh**'$_{Fd}$					*DE**'$_{Fd}$	$h_{siM,d}$	*rgb**$_{Md}$			*LabCh**$_{Md}$				
0/648	R00Y_100_100$_d$	1.0	0.0	0.0	1.0	1.0	0.5	390	1.0	0.0	0.0	47.3	63.8	41.2	76.0	32.8	1.0	0.0	0.0	47.3	63.8	41.2	76.0	32.8	0.0	389	1.0	0.0	0.0	47.3	63.8	41.2	76.0	32.8
1/657	R13Y_100_100$_d$	1.0	0.125	0.0	1.0	1.0	0.5	37	1.0	0.116	0.0	50.9	55.5	46.4	72.3	39.9	1.0	0.125	0.0	51.2	54.9	46.7	72.1	40.4	0.7	36	1.0	0.116	0.0	50.9	55.5	46.4	72.3	39.9
2/666	R25Y_100_100$_d$	1.0	0.25	0.0	1.0	1.0	0.5	44	1.0	0.233	0.0	55.3	45.8	52.2	69.5	48.7	1.0	0.25	0.0	56.0	44.4	53.0	69.1	50.0	1.7	42	1.0	0.233	0.0	55.3	45.8	52.2	69.5	48.7
3/675	R38Y_100_100$_d$	1.0	0.375	0.0	1.0	1.0	0.5	52	1.0	0.366	0.0	61.0	34.0	59.9	68.9	60.4	1.0	0.375	0.0	61.4	33.2	60.3	68.8	61.1	0.9	51	1.0	0.366	0.0	61.0	34.0	59.9	68.9	60.4
4/684	R50Y_100_100$_d$	1.0	0.5	0.0	1.0	1.0	0.5	60	1.0	0.5	0.0	67.2	22.6	67.6	71.2	71.4	1.0	0.5	0.0	67.2	22.6	67.6	71.2	71.4	0.0	59	1.0	0.5	0.0	67.2	22.6	67.6	71.2	71.4
5/693	R63Y_100_100$_d$	1.0	0.625	0.0	1.0	1.0	0.5	68	1.0	0.633	0.0	74.0	10.4	76.6	77.3	82.2	1.0	0.625	0.0	73.6	11.0	76.1	76.9	81.7	0.8	68	1.0	0.633	0.0	74.0	10.4	76.6	77.3	82.2
6/702	R75Y_100_100$_d$	1.0	0.75	0.0	1.0	1.0	0.5	76	1.0	0.766	0.0	79.9	1.0	83.9	83.9	89.2	1.0	0.75	0.0	79.2	2.0	83.0	83.1	88.5	1.4	77	1.0	0.766	0.0	79.9	1.0	83.9	83.9	89.2
7/711	R88Y_100_100$_d$	1.0	0.875	0.0	1.0	1.0	0.5	83	1.0	0.883	0.0	84.5	−6.1	89.8	90.0	93.8	1.0	0.875	0.0	84.2	−5.7	89.4	89.6	93.6	0.6	83	1.0	0.883	0.0	84.5	−6.1	89.8	90.0	93.8
8/720	Y00G_100_100$_d$	1.0	1.0	0.0	1.0	1.0	0.5	90	1.0	1.0	0.0	88.3	−11.9	95.1	95.8	97.1	1.0	1.0	0.0	88.3	−11.9	95.1	95.8	97.1	0.0	89	1.0	1.0	0.0	88.3	−11.9	95.1	95.8	97.1
9/639	Y13G_100_100$_d$	0.875	1.0	0.0	1.0	1.0	0.5	97	0.883	1.0	0.0	86.0	−15.9	89.0	90.4	100.1	0.875	1.0	0.0	85.8	−16.2	88.6	90.0	100.3	0.5	96	0.883	1.0	0.0	86.0	−15.9	89.0	90.4	100.1
10/558	Y25G_100_100$_d$	0.75	1.0	0.0	1.0	1.0	0.5	104	0.766	1.0	0.0	83.3	−19.2	83.7	85.9	102.9	0.75	1.0	0.0	82.9	−19.7	83.0	85.3	103.3	0.9	102	0.766	1.0	0.0	83.3	−19.2	83.7	85.9	102.9
11/477	Y38G_100_100$_d$	0.625	1.0	0.0	1.0	1.0	0.5	112	0.633	1.0	0.0	77.4	−24.9	76.8	80.7	107.9	0.625	1.0	0.0	77.0	−25.2	76.3	80.4	108.3	0.6	111	0.633	1.0	0.0	77.4	−24.9	76.8	80.7	107.9
12/396	Y50G_100_100$_d$	0.5	1.0	0.0	1.0	1.0	0.5	120	0.5	1.0	0.0	72.7	−31.3	66.0	73.1	115.3	0.5	1.0	0.0	72.7	−31.3	66.0	73.1	115.3	0.0	119	0.5	1.0	0.0	72.7	−31.3	66.0	73.1	115.3
13/315	Y63G_100_100$_d$	0.375	1.0	0.0	1.0	1.0	0.5	128	0.366	1.0	0.0	68.3	−37.7	57.4	68.7	123.2	0.375	1.0	0.0	68.9	−36.9	58.1	68.8	122.4	1.1	128	0.366	1.0	0.0	68.3	−37.7	57.4	68.7	123.2
14/234	Y75G_100_100$_d$	0.25	1.0	0.0	1.0	1.0	0.5	136	0.233	1.0	0.0	60.4	−48.8	46.7	67.6	136.2	0.25	1.0	0.0	60.8	−47.8	47.8	67.6	134.9	1.5	137	0.233	1.0	0.0	60.4	−48.8	46.7	67.6	136.2
15/153	Y88G_100_100$_d$	0.125	1.0	0.0	1.0	1.0	0.5	143	0.116	1.0	0.0	57.0	−55.9	38.3	67.8	145.5	0.125	1.0	0.0	57.4	−54.9	38.9	67.3	144.6	1.1	143	0.116	1.0	0.0	57.0	−55.9	38.3	67.8	145.5
16/72	G00C_100_100$_d$	0.0	1.0	0.0	1.0	1.0	0.5	150	0.0	1.0	0.0	51.9	−68.8	28.1	74.3	157.7	0.0	1.0	0.0	51.9	−68.8	28.1	74.3	157.7	0.0	149	0.0	1.0	0.0	51.9	−68.8	28.1	74.3	157.7
17/73	G13C_100_100$_d$	0.0	1.0	0.125	1.0	1.0	0.5	157	0.0	1.0	0.116	52.5	−66.6	19.9	69.5	163.3	0.0	1.0	0.125	52.5	−66.4	19.3	69.1	163.7	0.5	156	0.0	1.0	0.116	52.5	−66.6	19.9	69.5	163.3
18/74	G25C_100_100$_d$	0.0	1.0	0.25	1.0	1.0	0.5	164	0.0	1.0	0.233	53.2	−62.6	11.0	63.6	170.0	0.0	1.0	0.25	53.2	−61.9	9.8	62.7	170.9	1.3	162	0.0	1.0	0.233	53.2	−62.6	11.0	63.6	170.0
19/75	G38C_100_100$_d$	0.0	1.0	0.375	1.0	1.0	0.5	172	0.0	1.0	0.366	54.0	−57.3	−0.4	57.3	180.4	0.0	1.0	0.375	54.1	−56.9	−1.0	56.9	181.0	0.7	171	0.0	1.0	0.366	54.0	−57.3	−0.4	57.3	180.4
20/76	G50C_100_100$_d$	0.0	1.0	0.5	1.0	1.0	0.5	180	0.0	1.0	0.5	54.8	−51.0	−12.3	52.5	193.5	0.0	1.0	0.5	54.8	−51.0	−12.3	52.5	193.5	0.0	180	0.0	1.0	0.5	54.8	−51.0	−12.3	52.5	193.5
21/77	G63C_100_100$_d$	0.0	1.0	0.625	1.0	1.0	0.5	188	0.0	1.0	0.633	55.8	−44.7	−22.5	50.1	206.7	0.0	1.0	0.625	55.8	−45.1	−21.9	50.1	205.9	0.7	188	0.0	1.0	0.633	55.8	−44.7	−22.5	50.1	206.7
22/78	G75C_100_100$_d$	0.0	1.0	0.75	1.0	1.0	0.5	196	0.0	1.0	0.766	56.8	−38.4	−31.7	49.8	219.6	0.0	1.0	0.75	56.7	−38.9	−30.9	49.7	218.4	1.0	197	0.0	1.0	0.766	56.8	−38.4	−31.7	49.8	219.6
23/79	G88C_100_100$_d$	0.0	1.0	0.875	1.0	1.0	0.5	203	0.0	1.0	0.883	57.6	−34.0	−37.7	50.8	227.9	0.0	1.0	0.875	57.5	−34.3	−37.2	50.6	227.3	0.5	203	0.0	1.0	0.883	57.6	−34.0	−37.7	50.8	227.9
24/80	C00B_100_100$_d$	0.0	1.0	1.0	1.0	1.0	0.5	210	0.0	1.0	1.0	58.3	−29.2	−43.7	52.6	236.1	0.0	1.0	1.0	58.3	−29.2	−43.7	52.6	236.1	0.0	210	0.0	1.0	1.0	58.3	−29.2	−43.7	52.6	236.1
25/71	C13B_100_100$_d$	0.0	0.875	1.0	1.0	1.0	0.5	217	0.0	0.883	1.0	55.4	−25.2	−43.9	50.7	240.0	0.0	0.875	1.0	55.2	−25.0	−43.9	50.5	240.3	0.3	216	0.0	0.883	1.0	55.4	−25.2	−43.9	50.7	240.0
26/62	C25B_100_100$_d$	0.0	0.75	1.0	1.0	1.0	0.5	224	0.0	0.766	1.0	52.2	−20.4	−44.1	48.6	245.1	0.0	0.75	1.0	51.7	−19.7	−44.1	48.3	245.8	0.8	222	0.0	0.766	1.0	52.2	−20.4	−44.1	48.6	245.1
27/53	C38B_100_100$_d$	0.0	0.625	1.0	1.0	1.0	0.5	232	0.0	0.633	1.0	48.0	−14.3	−44.4	46.6	252.1	0.0	0.625	1.0	47.7	−13.9	−44.4	46.5	252.5	0.4	231	0.0	0.633	1.0	48.0	−14.3	−44.4	46.6	252.1
28/44	C50B_100_100$_d$	0.0	0.5	1.0	1.0	1.0	0.5	240	0.0	0.5	1.0	42.7	−6.0	−45.0	45.4	262.3	0.0	0.5	1.0	42.7	−6.0	−45.0	45.4	262.3	0.0	240	0.0	0.5	1.0	42.7	−6.0	−45.0	45.4	262.3
29/35	C63B_100_100$_d$	0.0	0.375	1.0	1.0	1.0	0.5	248	0.0	0.366	1.0	37.6	1.8	−45.5	45.5	272.3	0.0	0.375	1.0	37.9	1.3	−45.4	45.4	271.7	0.6	248	0.0	0.366	1.0	37.6	1.8	−45.5	45.5	272.3
30/26	C75B_100_100$_d$	0.0	0.25	1.0	1.0	1.0	0.5	256	0.0	0.233	1.0	32.7	10.5	−46.2	47.4	282.8	0.0	0.25	1.0	33.3	9.4	−46.0	47.0	281.6	1.2	257	0.0	0.233	1.0	32.7	10.5	−46.2	47.4	282.8
31/17	C88B_100_100$_d$	0.0	0.125	1.0	1.0	1.0	0.5	263	0.0	0.116	1.0	28.3	17.8	−47.0	50.3	290.7	0.0	0.125	1.0	28.6	17.4	−46.9	50.1	290.3	0.4	263	0.0	0.116	1.0	28.3	17.8	−47.0	50.3	290.7
32/8	B00M_100_100$_d$	0.0	0.0	1.0	1.0	1.0	0.5	270	0.0	0.0	1.0	25.3	23.5	−47.3	52.8	296.4	0.0	0.0	1.0	25.3	23.5	−47.3	52.8	296.4	0.0	270	0.0	0.0	1.0	25.3	23.5	−47.3	52.8	296.4
33/89	B13M_100_100$_d$	0.125	0.0	1.0	1.0	1.0	0.5	277	0.116	0.0	1.0	29.0	31.2	−42.9	53.1	306.0	0.125	0.0	1.0	29.3	31.8	−42.6	53.1	306.7	0.6	276	0.116	0.0	1.0	29.0	31.2	−42.9	53.1	306.0
34/170	B25M_100_100$_d$	0.25	0.0	1.0	1.0	1.0	0.5	284	0.233	0.0	1.0	31.2	35.6	−39.6	53.3	311.9	0.25	0.0	1.0	31.5	36.2	−39.2	53.4	312.7	0.8	282	0.233	0.0	1.0	31.2	35.6	−39.6	53.3	311.9
35/251	B38M_100_100$_d$	0.375	0.0	1.0	1.0	1.0	0.5	292	0.366	0.0	1.0	33.6	46.9	−31.8	56.7	325.8	0.375	0.0	1.0	33.8	47.6	−31.2	56.9	326.7	0.9	291	0.366	0.0	1.0	33.6	46.9	−31.8	56.7	325.8
36/332	B50M_100_100$_d$	0.5	0.0	1.0	1.0	1.0	0.5	300	0.5	0.0	1.0	37.8	53.8	−26.3	59.9	333.9	0.5	0.0	1.0	37.8	53.8	−26.3	59.9	333.9	0.0	300	0.5	0.0	1.0	37.8	53.8	−26.3	59.9	333.9
37/413	B63M_100_100$_d$	0.625	0.0	1.0	1.0	1.0	0.5	308	0.633	0.0	1.0	41.1	59.3	−21.4	63.0	340.1	0.625	0.0	1.0	40.9	58.8	−21.8	62.7	339.6	0.6	308	0.633	0.0	1.0	41.1	59.3	−21.4	63.0	340.1
38/494	B75M_100_100$_d$	0.75	0.0	1.0	1.0	1.0	0.5	316	0.766	0.0	1.0	43.5	66.4	−14.5	68.0	347.6	0.75	0.0	1.0	43.1	65.9	−14.9	67.6	347.2	0.7	317	0.766	0.0	1.0	43.5	66.4	−14.5	68.0	347.6
39/575	B88M_100_100$_d$	0.875	0.0	1.0	1.0	1.0	0.5	323	0.883	0.0	1.0	46.1	69.7	−11.7	70.7	350.4	0.875	0.0	1.0	45.9	69.4	−11.9	70.5	350.2	0.3	323	0.883	0.0	1.0	46.1	69.7	−11.7	70.7	350.4
40/656	M00R_100_100$_d$	1.0	0.0	1.0	1.0	1.0	0.5	330	1.0	0.0	1.0	48.2	72.8	−8.5	73.3	353.3	1.0	0.0	1.0	48.2	72.8	−8.5	73.3	353.3	0.0	330	1.0	0.0	1.0	48.2	72.8	−8.5	73.3	353.3
41/655	M13R_100_100$_d$	1.0	0.0	0.875	1.0	1.0	0.5	337	1.0	0.0	0.883	48.2	71.7	−4.6	71.8	356.3	1.0	0.0	0.875	48.2	71.6	−4.3	71.7	356.5	0.2	336	1.0	0.0	0.883	48.2	71.7	−4.6	71.8	356.3
42/654	M25R_100_100$_d$	1.0	0.0	0.75	1.0	1.0	0.5	344	1.0	0.0	0.766	48.1	70.6	−0.2	70.6	359.8	1.0	0.0	0.75	48.1	70.4	0.3	70.4	360.3	0.6	342	1.0	0.0	0.766	48.1	70.6	−0.2	70.6	359.8
43/653	M38R_100_100$_d$	1.0	0.0	0.625	1.0	1.0	0.5	352	1.0	0.0	0.633	48.0	69.0	6.6	69.3	5.5	1.0	0.0	0.625	48.0	68.9	7.1	69.3	365.8	0.4	351	1.0	0.0	0.633	48.0	69.0	6.6	69.3	5.5
44/652	M50R_100_100$_d$	1.0	0.0	0.5	1.0	1.0	0.5	360	1.0	0.0	0.5	47.7	67.7	14.0	69.1	11.6	1.0	0.0	0.5	47.7	67.7	14.0	69.1	371.6	0.0	360	1.0	0.0	0.5	47.7	67.7	14.0	69.1	11.6
45/651	M63R_100_100$_d$	1.0	0.0	0.375	1.0	1.0	0.5	368	1.0	0.0	0.366	47.7	66.1	22.3	69.7	18.6	1.0	0.0	0.375	47.7	66.1	21.8	69.6	378.2	0.4	368	1.0	0.0	0.366	47.7	66.1	22.3	69.7	18.6
46/650	M75R_100_100$_d$	1.0	0.0	0.25	1.0	1.0	0.5	376	1.0	0.0	0.233	47.6	65.0	29.7	71.5	24.5	1.0	0.0	0.25	47.7	65.0	28.9	71.2	383.9	0.8	377	1.0	0.0	0.233	47.6	65.0	29.7	71.5	24.5
47/649	M88R_100_100$_d$	1.0	0.0	0.125	1.0	1.0	0.5	383	1.0	0.0	0.116	47.4	64.4	35.5	73.6	28.9	1.0	0.0	0.125	47.4	64.4	35.1	73.4	388.6	0.3	383	1.0	0.0	0.116	47.4	64.4	35.5	73.6	28.9
48/648	R00Y_100_100$_d$	1.0	0.0	0.0	1.0	1.0	0.5	390	1.0	0.0	0.0	47.3	63.8	41.2	76.0	32.8	1.0	0.0	0.0	47.3	63.8	41.2	76.0	392.8	0.0	389	1.0	0.0	0.0	47.3	63.8	41.2	76.0	32.8
49/0	NW_000$_d$	0.0	0.0	0.0	0.0	0.0	0.0	360	0.0	0.0	0.0	17.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	51.2	54.9	46.7	72.1	400.4	79.5	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
50/91	NW_013$_d$	0.125	0.125	0.125	0.125	0.0	0.125	360	0.125	0.125	0.125	27.4	0.0	0.0	0.0	0.0	0.125	0.125	0.125	17.7	0.0	0.0	0.0	0.0	9.7	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
51/182	NW_025$_d$	0.25	0.25	0.25	0.25	0.0	0.25	360	0.25	0.25	0.25	37.1	0.0	0.0	0.0	0.0	0.25	0.25	0.25	28.0	−0.2	−0.4	0.5	238.7	9.1	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
52/273	NW_038$_d$	0.375	0.375	0.375	0.375	0.0	0.375	360	0.375	0.375	0.375	46.8	0.0	0.0	0.0	0.0	0.375	0.375	0.375	42.2	−0.5	−0.7	0.9	235.1	4.6	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
53/364	NW_050$_d$	0.5	0.5	0.5	0.5	0.0	0.5	360	0.5	0.5	0.5	56.5	0.0	0.0	0.0	0.0	0.5	0.5	0.5	55.0	−0.4	−0.6	0.7	234.3	1.7	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
54/455	NW_063$_d$	0.625	0.625	0.625	0.625	0.0	0.625	360	0.625	0.625	0.625	66.3	0.0	0.0	0.0	0.0	0.625	0.625	0.625	63.4	−0.4	−0.6	0.7	235.9	2.9	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
55/546	NW_075$_d$	0.75	0.75	0.75	0.75	0.0	0.75	360	0.75	0.75	0.75	76.0	0.0	0.0	0.0	0.0	0.75	0.75	0.75	72.2	−0.3	−0.4	0.5	236.5	3.8	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
56/637	NW_088$_d$	0.875	0.875	0.875	0.875	0.0	0.875	360	0.875	0.875	0.875	85.7	0.0	0.0	0.0	0.0	0.875	0.875	0.875	80.8	−0.2	−0.4	0.5	237.4	4.9	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
57/728	NW_100$_d$	1.0	1.0	1.0	1.0	0.0	1.0	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0	1.0	1.0	1.0	89.7	−0.1	−0.1	0.2	234.3	5.7	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
																								delta *E**' =		*2.6*							

gráfico TUB-QS14; código de tono: H*$_d$=R50Y$_d$
colores y differencia en color, $\Delta E^{*\prime}$

entrada: *rgb/cmyk −> rgb*$_d$
salida: transfiera a *cmyk*$_d$

2−0031730−F0

http://130.149.60.45/~farbmetrik/QS14/QS14L0NP.PDF /.PS; salida de transferencia
N: ninguna 3D-linealización (OL) en archivo (F) o PS-startup (S), página 19/33

n/j	HIC*$_{Fd}$	*rgb*$_{Fd}$			*ict*$_{Fd}$			$h_{si\_F,d}$	*rgb**$_{Fd}$			*LabCh**$_{Fd}$					*rgb**'$_{Fd}$			*LabCh**'$_{Fd}$					*DE**'$_{Fd}$	$h_{siM,d}$	*rgb**$_{Md}$			*LabCh**$_{Md}$				
0/648	R00Y_100_100$_d$	1.0	0.0	0.0	1.0	1.0	0.5	390	1.0	0.0	0.0	47.3	63.8	41.2	76.0	32.8	1.0	0.0	0.0	47.3	63.8	41.2	76.0	32.8	0.0	389	1.0	0.0	0.0	47.3	63.8	41.2	76.0	32.8
1/666	R25Y_100_100$_d$	1.0	0.25	0.0	1.0	1.0	0.5	44	1.0	0.233	0.0	55.3	45.8	52.2	69.5	48.7	1.0	0.25	0.0	56.0	44.4	53.0	69.1	50.0	1.7	42	1.0	0.233	0.0	55.3	45.8	52.2	69.5	48.7
2/684	R50Y_100_100$_d$	1.0	0.5	0.0	1.0	1.0	0.5	60	1.0	0.5	0.0	67.2	22.6	67.6	71.2	71.4	1.0	0.5	0.0	67.2	22.6	67.6	71.2	71.4	0.0	59	1.0	0.5	0.0	67.2	22.6	67.6	71.2	71.4
3/702	R75Y_100_100$_d$	1.0	0.75	0.0	1.0	1.0	0.5	76	1.0	0.766	0.0	79.9	1.0	83.9	83.9	89.2	1.0	0.75	0.0	79.2	2.0	83.0	83.1	88.5	1.4	77	1.0	0.766	0.0	79.9	1.0	83.9	83.9	89.2
4/720	Y00G_100_100$_d$	1.0	1.0	0.0	1.0	1.0	0.5	90	1.0	1.0	0.0	88.3	−11.9	95.1	95.8	97.1	1.0	1.0	0.0	88.3	−11.9	95.1	95.8	97.1	0.0	89	1.0	1.0	0.0	88.3	−11.9	95.1	95.8	97.1
5/558	Y25G_100_100$_d$	0.75	1.0	0.0	1.0	1.0	0.5	104	0.766	1.0	0.0	83.3	−19.2	83.7	85.9	102.9	0.75	1.0	0.0	82.9	−19.7	83.0	85.3	103.3	0.9	102	0.766	1.0	0.0	83.3	−19.2	83.7	85.9	102.9
6/396	Y50G_100_100$_d$	0.5	1.0	0.0	1.0	1.0	0.5	120	0.5	1.0	0.0	72.7	−31.3	66.0	73.1	115.3	0.5	1.0	0.0	72.7	−31.3	66.0	73.1	115.3	0.0	119	0.5	1.0	0.0	72.7	−31.3	66.0	73.1	115.3
7/234	Y75G_100_100$_d$	0.25	1.0	0.0	1.0	1.0	0.5	136	0.233	1.0	0.0	60.4	−48.8	46.7	67.6	136.2	0.25	1.0	0.0	60.8	−47.8	47.8	67.6	134.9	1.5	137	0.233	1.0	0.0	60.4	−48.8	46.7	67.6	136.2
8/72	G00B_100_100$_d$	0.0	1.0	0.0	1.0	1.0	0.5	150	0.0	1.0	0.0	51.9	−68.8	28.1	74.3	157.7	0.0	1.0	0.0	51.9	−68.8	28.1	74.3	157.7	0.0	149	0.0	1.0	0.0	51.9	−68.8	28.1	74.3	157.7
9/72	G00B_100_100$_d$	0.0	1.0	0.0	1.0	1.0	0.5	150	0.0	1.0	0.0	51.9	−68.8	28.1	74.3	157.7	0.0	1.0	0.0	51.9	−68.8	28.1	74.3	157.7	0.0	149	0.0	1.0	0.0	51.9	−68.8	28.1	74.3	157.7
10/76	G25B_100_100$_d$	0.0	1.0	0.5	1.0	1.0	0.5	180	0.0	1.0	0.5	54.8	−51.0	−12.3	52.5	193.5	0.0	1.0	0.5	54.8	−51.0	−12.3	52.5	193.5	0.0	180	0.0	1.0	0.5	54.8	−51.0	−12.3	52.5	193.5
11/80	G50B_100_100$_d$	0.0	1.0	1.0	1.0	1.0	0.5	210	0.0	1.0	1.0	58.3	−29.2	−43.7	52.6	236.1	0.0	1.0	1.0	58.3	−29.2	−43.7	52.6	236.1	0.0	210	0.0	1.0	1.0	58.3	−29.2	−43.7	52.6	236.1
12/44	G75B_100_100$_d$	0.0	0.5	1.0	1.0	1.0	0.5	240	0.0	0.5	1.0	42.7	−6.0	−45.0	45.4	262.3	0.0	0.5	1.0	42.7	−6.0	−45.0	45.4	262.3	0.0	240	0.0	0.5	1.0	42.7	−6.0	−45.0	45.4	262.3
13/8	B00M_100_100$_d$	0.0	0.0	1.0	1.0	1.0	0.5	270	0.0	0.0	1.0	25.3	23.5	−47.3	52.8	296.4	0.0	0.0	1.0	25.3	23.5	−47.3	52.8	296.4	0.0	270	0.0	0.0	1.0	25.3	23.5	−47.3	52.8	296.4
14/332	B25R_100_100$_d$	0.5	0.0	1.0	1.0	1.0	0.5	300	0.5	0.0	1.0	37.8	53.8	−26.3	59.9	333.9	0.5	0.0	1.0	37.8	53.8	−26.3	59.9	333.9	0.0	300	0.5	0.0	1.0	37.8	53.8	−26.3	59.9	333.9
15/656	B50R_100_100$_d$	1.0	0.0	1.0	1.0	1.0	0.5	330	1.0	0.0	1.0	48.2	72.8	−8.5	73.3	353.3	1.0	0.0	1.0	48.2	72.8	−8.5	73.3	353.3	0.0	330	1.0	0.0	1.0	48.2	72.8	−8.5	73.3	353.3
16/652	B75R_100_100$_d$	1.0	0.0	0.5	1.0	1.0	0.5	360	1.0	0.0	0.5	47.7	67.7	14.0	69.1	11.6	1.0	0.0	0.5	47.7	67.7	14.0	69.1	11.6	0.0	360	1.0	0.0	0.5	47.7	67.7	14.0	69.1	11.6
17/648	R00Y_100_100$_d$	1.0	0.0	0.0	1.0	1.0	0.5	390	1.0	0.0	0.0	47.3	63.8	41.2	76.0	32.8	1.0	0.0	0.0	47.3	63.8	41.2	76.0	32.8	0.0	389	1.0	0.0	0.0	47.3	63.8	41.2	76.0	32.8
18/688	R00Y_100_050$_d$	1.0	0.5	0.5	1.0	0.5	0.75	390	1.0	0.5	0.5	71.4	31.9	20.6	38.0	32.8	1.0	0.5	0.5	69.7	25.2	25.3	35.7	45.0	8.3	389	1.0	0.0	0.0	47.3	63.8	41.2	76.0	32.8
19/706	R50Y_100_050$_d$	1.0	0.75	0.5	1.0	0.5	0.75	60	1.0	0.75	0.5	81.3	11.3	33.8	35.6	71.4	1.0	0.75	0.5	81.6	6.5	33.0	33.6	78.8	4.8	59	1.0	0.5	0.0	67.2	22.6	67.6	71.2	71.4
20/724	Y00G_100_050$_d$	1.0	1.0	0.5	1.0	0.5	0.75	90	1.0	1.0	0.5	91.9	−5.9	47.5	47.9	97.1	1.0	1.0	0.5	91.8	−8.4	41.3	42.2	101.5	6.6	89	1.0	1.0	0.0	88.3	−11.9	95.1	95.8	97.1
21/562	Y50G_100_050$_d$	0.75	1.0	0.5	1.0	0.5	0.75	120	0.75	1.0	0.5	84.1	−15.6	33.0	36.5	115.3	0.75	1.0	0.5	85.6	−14.8	29.6	33.1	116.5	3.8	119	0.5	1.0	0.0	72.7	−31.3	66.0	73.1	115.3
22/400	G00B_100_050$_d$	0.5	1.0	0.5	1.0	0.5	0.75	150	0.5	1.0	0.5	73.7	−34.4	14.0	37.1	157.7	0.5	1.0	0.5	76.0	−24.2	18.2	30.3	142.9	11.2	149	0.0	1.0	0.0	51.9	−68.8	28.1	74.3	157.7
23/404	G50B_100_050$_d$	0.5	1.0	1.0	1.0	0.5	0.75	210	0.5	1.0	1.0	76.9	−14.6	−21.8	26.3	236.1	0.5	1.0	1.0	80.2	−12.0	−18.3	21.9	236.6	5.5	210	0.0	1.0	1.0	58.3	−29.2	−43.7	52.6	236.1
24/368	B00R_100_050$_d$	0.5	0.5	1.0	1.0	0.5	0.75	270	0.5	0.5	1.0	60.4	11.7	−23.6	26.4	296.4	0.5	0.5	1.0	60.0	15.5	−22.8	27.6	304.1	3.8	270	0.0	0.0	1.0	25.3	23.5	−47.3	52.8	296.4
25/692	B50R_100_050$_d$	1.0	0.5	1.0	1.0	0.5	0.75	330	1.0	0.5	1.0	71.8	36.4	−4.2	36.6	353.3	1.0	0.5	1.0	72.3	31.2	−6.6	31.9	348.0	5.6	330	1.0	0.0	1.0	48.2	72.8	−8.5	73.3	353.3
26/688	R00Y_100_050$_d$	1.0	0.5	0.5	1.0	0.5	0.75	390	1.0	0.5	0.5	71.4	31.9	20.6	38.0	32.8	1.0	0.5	0.5	69.7	25.2	25.3	35.7	45.0	8.3	389	1.0	0.0	0.0	47.3	63.8	41.2	76.0	32.8
27/506	R00Y_075_050$_d$	0.75	0.25	0.25	0.75	0.5	0.5	390	0.75	0.25	0.25	51.9	31.9	20.6	38.0	32.8	0.75	0.25	0.25	53.0	29.2	26.0	39.1	41.6	6.1	389	1.0	0.0	0.0	47.3	63.8	41.2	76.0	32.8
28/524	R50Y_075_050$_d$	0.75	0.5	0.25	0.75	0.5	0.5	60	0.75	0.5	0.25	61.9	11.3	33.8	35.6	71.4	0.75	0.5	0.25	66.3	6.8	35.2	35.9	78.9	6.4	59	1.0	0.5	0.0	67.2	22.6	67.6	71.2	71.4
29/542	Y00G_075_050$_d$	0.75	0.75	0.25	0.75	0.5	0.5	90	0.75	0.75	0.25	72.4	−5.9	47.5	47.9	97.1	0.75	0.75	0.25	76.8	−9.0	43.9	44.8	101.6	6.4	89	1.0	1.0	0.0	88.3	−11.9	95.1	95.8	97.1
30/380	Y50G_075_050$_d$	0.5	0.75	0.25	0.75	0.5	0.5	120	0.5	0.75	0.25	64.6	−15.6	33.0	36.5	115.3	0.5	0.75	0.25	68.9	−16.8	33.8	37.8	116.4	4.4	119	0.5	1.0	0.0	72.7	−31.3	66.0	73.1	115.3
31/218	G00B_075_050$_d$	0.25	0.75	0.25	0.75	0.5	0.5	150	0.25	0.75	0.25	54.2	−34.4	14.0	37.1	157.7	0.25	0.75	0.25	57.4	−29.4	20.1	35.6	145.6	8.4	149	0.0	1.0	0.0	51.9	−68.8	28.1	74.3	157.7
32/222	G50B_075_050$_d$	0.25	0.75	0.75	0.75	0.5	0.5	210	0.25	0.75	0.75	57.4	−14.6	−21.8	26.3	236.1	0.25	0.75	0.75	61.9	−14.4	−21.4	25.8	236.0	4.4	210	0.0	1.0	1.0	58.3	−29.2	−43.7	52.6	236.1
33/186	B00R_075_050$_d$	0.25	0.25	0.75	0.75	0.5	0.5	270	0.25	0.25	0.75	40.9	11.7	−23.6	26.4	296.4	0.25	0.25	0.75	42.5	13.8	−25.3	28.9	298.6	3.1	270	0.0	0.0	1.0	25.3	23.5	−47.3	52.8	296.4
34/510	B50R_075_050$_d$	0.75	0.25	0.75	0.75	0.5	0.5	330	0.75	0.25	0.75	52.4	36.4	−4.2	36.6	353.3	0.75	0.25	0.75	55.1	35.4	−7.4	36.2	348.1	4.3	330	1.0	0.0	1.0	48.2	72.8	−8.5	73.3	353.3
35/506	R00Y_075_050$_d$	0.75	0.25	0.25	0.75	0.5	0.5	390	0.75	0.25	0.25	51.9	31.9	20.6	38.0	32.8	0.75	0.25	0.25	53.0	29.2	26.0	39.1	41.6	6.1	389	1.0	0.0	0.0	47.3	63.8	41.2	76.0	32.8
36/324	R00Y_050_050$_d$	0.5	0.0	0.0	0.5	0.5	0.25	390	0.5	0.0	0.0	32.5	31.9	20.6	38.0	32.8	0.5	0.0	0.0	34.1	34.6	23.9	42.1	34.6	4.5	389	1.0	0.0	0.0	47.3	63.8	41.2	76.0	32.8
37/342	R50Y_050_050$_d$	0.5	0.25	0.0	0.5	0.5	0.25	60	0.5	0.25	0.0	42.4	11.3	33.8	35.6	71.4	0.5	0.25	0.0	48.0	7.3	38.6	39.3	79.2	8.3	59	1.0	0.5	0.0	67.2	22.6	67.6	71.2	71.4
38/360	Y00G_050_050$_d$	0.5	0.5	0.0	0.5	0.5	0.25	90	0.5	0.5	0.0	53.0	−5.9	47.5	47.9	97.1	0.5	0.5	0.0	58.5	−9.2	49.7	50.6	100.5	6.7	89	1.0	1.0	0.0	88.3	−11.9	95.1	95.8	97.1
39/198	Y50G_050_050$_d$	0.25	0.5	0.0	0.5	0.5	0.25	120	0.25	0.5	0.0	45.2	−15.6	33.0	36.5	115.3	0.25	0.5	0.0	49.3	−19.6	36.6	41.5	118.1	6.7	119	0.5	1.0	0.0	72.7	−31.3	66.0	73.1	115.3
40/36	G00B_050_050$_d$	0.0	0.5	0.0	0.5	0.5	0.25	150	0.0	0.5	0.0	34.8	−34.4	14.0	37.1	157.7	0.0	0.5	0.0	39.8	−35.6	20.1	40.9	150.5	7.9	149	0.0	1.0	0.0	51.9	−68.8	28.1	74.3	157.7
41/40	G50B_050_050$_d$	0.0	0.5	0.5	0.5	0.5	0.25	210	0.0	0.5	0.5	38.0	−14.6	−21.8	26.3	236.1	0.0	0.5	0.5	43.8	−17.1	−23.9	29.4	234.3	6.6	210	0.0	1.0	1.0	58.3	−29.2	−43.7	52.6	236.1
42/4	B00R_050_050$_d$	0.0	0.0	0.5	0.5	0.5	0.25	270	0.0	0.0	0.5	21.5	11.7	−23.6	26.4	296.4	0.0	0.0	0.5	22.3	17.0	−27.5	32.4	301.7	6.6	270	0.0	0.0	1.0	25.3	23.5	−47.3	52.8	296.4
43/328	B50R_050_050$_d$	0.5	0.0	0.5	0.5	0.5	0.25	330	0.5	0.0	0.5	32.9	36.4	−4.2	36.6	353.3	0.5	0.0	0.5	35.0	42.0	−7.8	42.7	349.4	6.9	330	1.0	0.0	1.0	48.2	72.8	−8.5	73.3	353.3
44/324	R00Y_050_050$_d$	0.5	0.0	0.0	0.5	0.5	0.25	390	0.5	0.0	0.0	32.5	31.9	20.6	38.0	32.8	0.5	0.0	0.0	34.1	34.6	23.9	42.1	34.6	4.5	389	1.0	0.0	0.0	47.3	63.8	41.2	76.0	32.8
45/0	NW_000$_d$	0.0	0.0	0.0	0.0	0.0	0.0	360	0.0	0.0	0.0	17.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	17.7	0.0	0.0	0.0	0.0	0.0	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
46/91	NW_013$_d$	0.125	0.125	0.125	0.125	0.0	0.125	360	0.125	0.125	0.125	27.4	0.0	0.0	0.0	0.0	0.125	0.125	0.125	28.0	−0.2	−0.4	0.5	238.7	0.8	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
47/182	NW_025$_d$	0.25	0.25	0.25	0.25	0.0	0.25	360	0.25	0.25	0.25	37.1	0.0	0.0	0.0	0.0	0.25	0.25	0.25	42.2	−0.5	−0.7	0.9	235.1	5.2	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
48/273	NW_038$_d$	0.375	0.375	0.375	0.375	0.0	0.375	360	0.375	0.375	0.375	46.8	0.0	0.0	0.0	0.0	0.375	0.375	0.375	55.0	−0.4	−0.6	0.7	234.3	8.2	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
49/364	NW_050$_d$	0.5	0.5	0.5	0.5	0.0	0.5	360	0.5	0.5	0.5	56.5	0.0	0.0	0.0	0.0	0.5	0.5	0.5	63.4	−0.4	−0.6	0.7	235.9	6.8	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
50/455	NW_063$_d$	0.625	0.625	0.625	0.625	0.0	0.625	360	0.625	0.625	0.625	66.3	0.0	0.0	0.0	0.0	0.625	0.625	0.625	72.2	−0.3	−0.4	0.5	236.5	5.9	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
51/546	NW_075$_d$	0.75	0.75	0.75	0.75	0.0	0.75	360	0.75	0.75	0.75	76.0	0.0	0.0	0.0	0.0	0.75	0.75	0.75	80.8	−0.2	−0.4	0.5	237.4	4.8	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
52/637	NW_088$_d$	0.875	0.875	0.875	0.875	0.0	0.875	360	0.875	0.875	0.875	85.7	0.0	0.0	0.0	0.0	0.875	0.875	0.875	89.7	−0.1	−0.1	0.2	234.3	4.0	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
53/728	NW_100$_d$	1.0	1.0	1.0	1.0	0.0	1.0	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0	0.0	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0

delta *E' = *3.8***

gráfico TUB-QS14; código de tono: H*$_d$=R50Y$_d$
colores y differencia en color, $\Delta E^{*\prime}$

entrada: *rgb/cmyk* −> *rgb*$_d$
salida: transfiera a *cmyk*$_d$

http://130.149.60.45/~farbmetrik/QS14/QS14L0NP.PDF /.PS; salida de transferencia
N: ninguna 3D-linealización (OL) en archivo (F) o PS-startup (S), página 20/33

n=j	HIC*Fd	rgb_Fd			ict_Fd			hsi_F,d	rgb*Fd			LabCh*Fd				
0	NW_000d	0.0	0.0	0.0	0.0	0.0	0.0	360	0.0	0.0	0.0	17.7	0.0	0.0	0.0	0.0
1	B00R_012_012d	0.0	0.0	0.125	0.125	0.125	0.062	270	0.0	0.0	0.125	18.6	2.9	-5.9	6.6	296.4
2	B00R_025_025d	0.0	0.0	0.25	0.25	0.25	0.125	270	0.0	0.0	0.25	19.6	5.8	-11.8	13.2	296.4
3	B00R_037_037d	0.0	0.0	0.375	0.375	0.375	0.187	270	0.0	0.0	0.375	20.5	8.8	-17.7	19.8	296.4
4	B00R_050_050d	0.0	0.0	0.5	0.5	0.5	0.25	270	0.0	0.0	0.5	21.5	11.7	-23.6	26.4	296.4
5	B00R_062_062d	0.0	0.0	0.625	0.625	0.625	0.312	270	0.0	0.0	0.625	22.4	14.6	-29.5	33.0	296.4
6	B00R_075_075d	0.0	0.0	0.75	0.75	0.75	0.375	270	0.0	0.0	0.75	23.4	17.6	-35.5	39.6	296.4
7	B00R_087_087d	0.0	0.0	0.875	0.875	0.875	0.437	270	0.0	0.0	0.875	24.3	20.5	-41.4	46.2	296.4
8	B00R_100_100d	0.0	0.0	1.0	1.0	1.0	0.5	270	0.0	0.0	1.0	25.3	23.5	-47.3	52.8	296.4
9	G00B_012_012d	0.0	0.125	0.0	0.125	0.125	0.062	150	0.0	0.125	0.0	21.9	-8.6	3.5	9.2	157.7
10	G50B_012_012d	0.0	0.125	0.125	0.125	0.125	0.062	210	0.0	0.125	0.125	22.7	-3.6	-5.4	6.5	236.1
11	G75B_025_025d	0.0	0.125	0.25	0.25	0.25	0.125	240	0.0	0.125	0.25	23.9	-1.5	-11.2	11.3	262.3
12	G84B_037_037d	0.0	0.125	0.375	0.375	0.375	0.187	251	0.0	0.118	0.375	24.4	1.9	-17.2	17.3	276.3
13	G88B_050_050d	0.0	0.125	0.5	0.5	0.5	0.25	256	0.0	0.116	0.5	25.2	5.2	-23.1	23.7	282.8
14	G90B_062_062d	0.0	0.125	0.625	0.625	0.625	0.312	259	0.0	0.114	0.625	25.9	8.5	-29.1	30.4	286.2
15	G92B_075_075d	0.0	0.125	0.75	0.75	0.75	0.375	261	0.0	0.112	0.75	26.5	11.8	-35.1	37.1	288.6
16	G93B_087_087d	0.0	0.125	0.875	0.875	0.875	0.437	262	0.0	0.116	0.875	27.5	14.7	-41.0	43.6	289.7
17	G94B_100_100d	0.0	0.125	1.0	1.0	1.0	0.5	263	0.0	0.116	1.0	28.3	17.8	-47.0	50.3	290.7
18	G00B_025_025d	0.0	0.25	0.0	0.25	0.25	0.125	150	0.0	0.25	0.0	26.2	-17.2	7.0	18.5	157.7
19	G25B_025_025d	0.0	0.25	0.125	0.25	0.25	0.125	180	0.0	0.25	0.125	26.9	-12.7	-3.0	13.1	193.5
20	G50B_025_025d	0.0	0.25	0.25	0.25	0.25	0.125	210	0.0	0.25	0.25	27.8	-7.3	-10.9	13.1	236.1
21	G65B_037_037d	0.0	0.25	0.375	0.375	0.375	0.187	229	0.0	0.256	0.375	29.6	-6.2	-16.6	17.7	249.4
22	G75B_050_050d	0.0	0.25	0.5	0.5	0.5	0.25	240	0.0	0.25	0.5	30.2	-3.0	-22.5	22.7	262.3
23	G80B_062_062d	0.0	0.25	0.625	0.625	0.625	0.312	247	0.0	0.239	0.625	30.5	0.5	-28.4	28.4	271.0
24	G84B_075_075d	0.0	0.25	0.75	0.75	0.75	0.375	251	0.0	0.237	0.75	31.2	3.8	-34.4	34.6	276.3
25	G86B_087_087d	0.0	0.25	0.875	0.875	0.875	0.437	254	0.0	0.233	0.875	31.9	7.3	-40.2	40.9	280.3
26	G88B_100_100d	0.0	0.25	1.0	1.0	1.0	0.5	256	0.0	0.233	1.0	32.7	10.5	-46.2	47.4	282.8
27	G00B_037_037d	0.0	0.375	0.0	0.375	0.375	0.187	150	0.0	0.375	0.0	30.5	-25.8	10.5	27.8	157.7
28	G15B_037_037d	0.0	0.375	0.125	0.375	0.375	0.187	169	0.0	0.375	0.118	31.2	-22.3	1.4	22.3	176.3
29	G34B_037_037d	0.0	0.375	0.25	0.375	0.375	0.187	191	0.0	0.375	0.256	32.1	-15.9	-9.8	18.7	211.7
30	G50B_037_037d	0.0	0.375	0.375	0.375	0.375	0.187	210	0.0	0.375	0.375	32.9	-10.9	-16.4	19.7	236.1
31	G61B_050_050d	0.0	0.375	0.5	0.5	0.5	0.25	224	0.0	0.383	0.5	34.9	-10.2	-22.0	24.3	245.1
32	G69B_062_062d	0.0	0.375	0.625	0.625	0.625	0.312	233	0.0	0.385	0.625	36.2	-8.3	-27.8	29.0	253.2
33	G75B_075_075d	0.0	0.375	0.75	0.75	0.75	0.375	240	0.0	0.375	0.75	36.5	-4.5	-33.7	34.0	262.3
34	G79B_087_087d	0.0	0.375	0.875	0.875	0.875	0.437	245	0.0	0.364	0.875	36.8	-0.9	-39.7	39.7	268.5
35	G81B_100_100d	0.0	0.375	1.0	1.0	1.0	0.5	248	0.0	0.366	1.0	37.6	1.8	-45.5	45.5	272.3
36	G00B_050_050d	0.0	0.5	0.0	0.5	0.5	0.25	150	0.0	0.5	0.0	34.8	-34.4	14.0	37.1	157.7
37	G11B_050_050d	0.0	0.5	0.125	0.5	0.5	0.25	164	0.0	0.5	0.116	35.4	-31.3	5.5	31.8	170.0
38	G25B_050_050d	0.0	0.5	0.25	0.5	0.5	0.25	180	0.0	0.5	0.25	36.2	-25.5	-6.1	26.2	193.5
39	G38B_050_050d	0.0	0.5	0.375	0.5	0.5	0.25	196	0.0	0.5	0.383	37.2	-19.2	-15.8	24.9	219.6
40	G50B_050_050d	0.0	0.5	0.5	0.5	0.5	0.25	210	0.0	0.5	0.5	38.0	-14.6	-21.8	26.3	236.1
41	G59B_062_062d	0.0	0.5	0.625	0.625	0.625	0.312	221	0.0	0.51	0.625	40.1	-14.0	-27.5	30.9	242.9
42	G65B_075_075d	0.0	0.5	0.75	0.75	0.75	0.375	229	0.0	0.512	0.75	41.6	-12.4	-33.2	35.5	249.4
43	G70B_087_087d	0.0	0.5	0.875	0.875	0.875	0.437	235	0.0	0.51	0.875	42.5	-9.8	-39.1	40.4	255.8
44	G75B_100_100d	0.0	0.5	1.0	1.0	1.0	0.5	240	0.0	0.5	1.0	42.7	-6.0	-45.0	45.4	262.3
45	G00B_062_062d	0.0	0.625	0.0	0.625	0.625	0.312	150	0.0	0.625	0.0	39.1	-43.0	17.5	46.4	157.7
46	G09B_062_062d	0.0	0.625	0.125	0.625	0.625	0.312	161	0.0	0.625	0.114	39.7	-40.3	9.2	41.3	167.1
47	G19B_062_062d	0.0	0.625	0.25	0.625	0.625	0.312	173	0.0	0.625	0.239	40.4	-35.4	-1.1	35.4	181.9
48	G30B_062_062d	0.0	0.625	0.375	0.625	0.625	0.312	187	0.0	0.625	0.385	41.4	-28.4	-13.3	31.4	205.1
49	G40B_062_062d	0.0	0.625	0.5	0.625	0.625	0.312	199	0.0	0.625	0.51	42.3	-22.9	-21.4	31.4	223.1
50	G50B_062_062d	0.0	0.625	0.625	0.625	0.625	0.312	210	0.0	0.625	0.625	43.1	-18.3	-27.3	32.9	236.1
51	G57B_075_075d	0.0	0.625	0.75	0.75	0.75	0.375	219	0.0	0.637	0.75	45.3	-17.9	-33.0	37.5	241.4
52	G63B_087_087d	0.0	0.625	0.875	0.875	0.875	0.437	226	0.0	0.641	0.875	47.0	-16.6	-38.7	42.1	246.7
53	G68B_100_100d	0.0	0.625	1.0	1.0	1.0	0.5	232	0.0	0.633	1.0	48.0	-14.3	-44.4	46.6	252.1
54	G00B_075_075d	0.0	0.75	0.0	0.75	0.75	0.375	150	0.0	0.75	0.0	43.3	-51.6	21.0	55.7	157.7
55	G07B_075_075d	0.0	0.75	0.125	0.75	0.75	0.375	159	0.0	0.75	0.112	43.9	-49.2	13.0	50.9	165.1
56	G15B_075_075d	0.0	0.75	0.25	0.75	0.75	0.375	169	0.0	0.75	0.237	44.7	-44.6	2.8	44.7	176.3
57	G25B_075_075d	0.0	0.75	0.375	0.75	0.75	0.375	180	0.0	0.75	0.375	45.5	-38.3	-9.2	39.4	193.5
58	G34B_075_075d	0.0	0.75	0.5	0.75	0.75	0.375	191	0.0	0.75	0.512	46.6	-31.8	-19.7	37.4	211.7
59	G42B_075_075d	0.0	0.75	0.625	0.75	0.75	0.375	201	0.0	0.75	0.637	47.4	-26.5	-27.0	37.8	225.5
60	G50B_075_075d	0.0	0.75	0.75	0.75	0.75	0.375	210	0.0	0.75	0.75	48.1	-21.9	-32.8	39.4	236.1
61	G56B_087_087d	0.0	0.75	0.875	0.875	0.875	0.437	218	0.0	0.758	0.875	50.3	-21.5	-38.4	44.1	240.7
62	G61B_100_100d	0.0	0.75	1.0	1.0	1.0	0.5	224	0.0	0.766	1.0	52.2	-20.4	-44.1	48.6	245.1
63	G00B_087_087d	0.0	0.875	0.0	0.875	0.875	0.437	150	0.0	0.875	0.0	47.6	-60.2	24.6	65.0	157.7
64	G06B_087_087d	0.0	0.875	0.125	0.875	0.875	0.437	158	0.0	0.875	0.116	48.2	-57.8	16.3	60.1	164.2
65	G13B_087_087d	0.0	0.875	0.25	0.875	0.875	0.437	166	0.0	0.875	0.233	48.9	-53.7	7.2	54.2	172.3
66	G20B_087_087d	0.0	0.875	0.375	0.875	0.875	0.437	175	0.0	0.875	0.364	49.7	-48.3	-4.4	48.5	185.2
67	G29B_087_087d	0.0	0.875	0.5	0.875	0.875	0.437	185	0.0	0.875	0.51	50.7	-41.4	-16.5	44.6	201.8
68	G36B_087_087d	0.0	0.875	0.625	0.875	0.875	0.437	194	0.0	0.875	0.641	51.7	-34.9	-26.0	43.5	216.7
69	G43B_087_087d	0.0	0.875	0.75	0.875	0.875	0.437	202	0.0	0.875	0.758	52.5	-30.3	-32.2	44.2	226.7
70	G50B_087_087d	0.0	0.875	0.875	0.875	0.875	0.437	210	0.0	0.875	0.875	53.2	-25.6	-38.2	46.0	236.1
71	G55B_100_100d	0.0	0.875	1.0	1.0	1.0	0.5	217	0.0	0.883	1.0	55.4	-25.2	-43.9	50.7	240.0
72	G00B_100_100d	0.0	1.0	0.0	1.0	1.0	0.5	150	0.0	1.0	0.0	51.9	-68.8	28.1	74.3	157.7
73	G05B_100_100d	0.0	1.0	0.125	1.0	1.0	0.5	157	0.0	1.0	0.116	52.5	-66.6	19.9	69.5	163.3
74	G11B_100_100d	0.0	1.0	0.25	1.0	1.0	0.5	164	0.0	1.0	0.233	53.2	-62.6	11.0	63.6	170.0
75	G18B_100_100d	0.0	1.0	0.375	1.0	1.0	0.5	172	0.0	1.0	0.366	54.0	-57.3	-0.4	57.3	180.4
76	G25B_100_100d	0.0	1.0	0.5	1.0	1.0	0.5	180	0.0	1.0	0.5	54.8	-51.0	-12.3	52.5	193.5
77	G31B_100_100d	0.0	1.0	0.625	1.0	1.0	0.5	188	0.0	1.0	0.633	55.8	-44.7	-22.5	50.1	206.7
78	G38B_100_100d	0.0	1.0	0.75	1.0	1.0	0.5	196	0.0	1.0	0.766	56.8	-38.4	-31.7	49.8	219.6
79	G44B_100_100d	0.0	1.0	0.875	1.0	1.0	0.5	203	0.0	1.0	0.883	57.6	-34.0	-37.7	50.8	227.9
80	G50B_100_100d	0.0	1.0	1.0	1.0	1.0	0.5	210	0.0	1.0	1.0	58.3	-29.2	-43.7	52.6	236.1

n=j	rgb*'Fd			LabCh*'Fd					DE*'Fd	hsiM,d
0	0.0	0.0	0.0	17.7	0.0	0.0	0.0	0.0	0.0	360
1	0.0	0.0	0.125	19.1	4.0	-6.7	7.8	300.9	1.4	270
2	0.0	0.0	0.25	22.1	9.0	-14.1	16.8	302.4	4.6	270
3	0.0	0.0	0.375	22.5	13.2	-21.1	24.9	301.9	5.9	270
4	0.0	0.0	0.5	22.3	17.0	-27.5	32.4	301.7	6.6	270
5	0.0	0.0	0.625	23.3	19.4	-33.5	38.7	300.1	6.2	270
6	0.0	0.0	0.75	23.9	21.6	-38.5	44.1	299.2	5.0	270
7	0.0	0.0	0.875	24.7	23.2	-43.9	49.7	297.9	3.6	270
8	0.0	0.0	1.0	25.3	23.5	-47.3	52.8	296.4	0.0	270
9	0.0	0.125	0.0	23.2	-8.1	3.5	8.9	156.6	1.3	149
10	0.0	0.125	0.125	23.3	-4.5	-5.9	7.4	232.2	1.1	210
11	0.0	0.125	0.25	28.6	-2.1	-13.2	13.4	260.9	5.1	240
12	0.0	0.125	0.375	29.1	2.3	-19.8	19.9	276.6	5.4	251
13	0.0	0.125	0.5	28.1	6.7	-26.1	27.0	284.4	4.5	257
14	0.0	0.125	0.625	28.6	9.8	-32.0	33.5	286.9	4.1	260
15	0.0	0.125	0.75	27.9	14.1	-37.5	40.1	290.6	3.5	262
16	0.0	0.125	0.875	28.7	16.1	-43.0	46.0	290.6	2.7	262
17	0.0	0.125	1.0	28.6	17.4	-46.9	50.1	290.3	0.4	263
18	0.0	0.25	0.0	32.0	-18.5	11.5	21.8	148.0	7.4	149
19	0.0	0.25	0.125	33.0	-14.0	-2.7	14.2	191.2	6.1	180
20	0.0	0.25	0.25	34.0	-9.3	-12.6	15.7	233.6	6.7	210
21	0.0	0.25	0.375	36.1	-7.5	-19.3	20.7	248.7	7.1	228
22	0.0	0.25	0.5	35.5	-3.7	-25.3	25.6	261.5	6.0	240
23	0.0	0.25	0.625	34.8	0.4	-31.4	31.4	270.8	5.2	247
24	0.0	0.25	0.75	33.6	5.2	-36.7	37.1	278.1	3.6	251
25	0.0	0.25	0.875	33.8	7.9	-42.0	42.8	280.6	2.6	255
26	0.0	0.25	1.0	33.3	9.4	-46.0	47.0	281.6	1.2	257
27	0.0	0.375	0.0	36.3	-27.3	16.1	31.8	149.4	8.2	149
28	0.0	0.375	0.125	37.1	-23.5	2.8	23.6	173.0	6.1	168
29	0.0	0.375	0.25	38.2	-18.0	-10.2	20.7	209.4	6.4	191
30	0.0	0.375	0.375	39.6	-13.7	-18.8	23.3	234.0	7.6	210
31	0.0	0.375	0.5	40.3	-11.8	-24.6	27.3	244.3	6.1	222
32	0.0	0.375	0.625	40.5	-9.2	-30.3	31.7	252.9	5.0	232
33	0.0	0.375	0.75	39.5	-4.7	-35.9	36.3	262.5	3.7	240
34	0.0	0.375	0.875	38.9	-1.2	-41.3	41.4	268.2	2.7	245
35	0.0	0.375	1.0	37.9	1.3	-45.4	45.4	271.7	0.6	248
36	0.0	0.5	0.0	39.8	-35.6	20.1	40.9	150.5	7.9	149
37	0.0	0.5	0.125	40.7	-32.1	8.4	33.2	165.3	6.1	162
38	0.0	0.5	0.25	42.0	-26.8	-5.1	27.3	190.8	5.9	180
39	0.0	0.5	0.375	43.1	-21.7	-16.3	27.2	216.9	6.3	197
40	0.0	0.5	0.5	43.8	-17.1	-23.9	29.4	234.3	6.6	210
41	0.0	0.5	0.625	45.0	-15.9	-29.6	33.7	241.6	5.6	219
42	0.0	0.5	0.75	44.7	-12.6	-34.9	37.2	250.1	3.5	228
43	0.0	0.5	0.875	45.2	-10.5	-40.5	41.9	255.4	3.0	234
44	0.0	0.5	1.0	42.7	-6.0	-45.0	45.4	262.3	0.0	240
45	0.0	0.625	0.0	43.4	-43.9	23.3	49.7	152.0	7.3	149
46	0.0	0.625	0.125	44.1	-40.4	12.6	42.3	162.5	5.6	159
47	0.0	0.625	0.25	45.2	-35.7	-0.2	35.7	180.3	4.9	172
48	0.0	0.625	0.375	46.4	-30.2	-12.4	32.7	202.3	5.3	187
49	0.0	0.625	0.5	47.2	-25.1	-21.8	33.3	220.9	5.3	200
50	0.0	0.625	0.625	47.9	-20.5	-28.9	35.4	234.6	5.5	210
51	0.0	0.625	0.75	49.2	-19.2	-34.2	39.2	240.6	4.2	217
52	0.0	0.625	0.875	49.1	-16.7	-40.0	43.3	247.2	2.4	224
53	0.0	0.625	1.0	47.7	-13.9	-44.4	46.5	252.5	0.4	231
54	0.0	0.75	0.0	46.9	-51.5	25.6	57.6	153.5	5.8	149
55	0.0	0.75	0.125	47.2	-48.8	16.3	51.5	161.5	4.7	157
56	0.0	0.75	0.25	48.1	-44.4	4.9	44.7	173.6	4.0	168
57	0.0	0.75	0.375	49.5	-38.6	-8.2	39.5	192.0	4.1	180
58	0.0	0.75	0.5	50.4	-33.0	-18.8	38.0	209.6	4.1	191
59	0.0	0.75	0.625	51.0	-28.0	-26.9	38.9	223.7	3.9	202
60	0.0	0.75	0.75	51.8	-23.5	-33.7	41.1	235.1	4.0	210
61	0.0	0.75	0.875	52.9	-22.3	-39.5	45.4	240.4	2.9	217
62	0.0	0.75	1.0	51.7	-19.7	-44.1	48.3	245.8	0.8	222
63	0.0	0.875	0.0	50.1	-60.9	27.7	66.9	155.4	4.0	149
64	0.0	0.875	0.125	50.6	-57.7	17.6	60.3	162.9	2.7	157
65	0.0	0.875	0.25	51.2	-54.4	8.4	55.0	171.2	2.6	164
66	0.0	0.875	0.375	52.2	-48.7	-4.0	48.9	184.7	2.5	174
67	0.0	0.875	0.5	53.3	-42.2	-15.8	45.1	200.5	2.8	185
68	0.0	0.875	0.625	54.2	-36.5	-25.0	44.3	214.3	3.1	195
69	0.0	0.875	0.75	55.1	-31.6	-32.2	45.1	225.5	2.8	202
70	0.0	0.875	0.875	55.8	-26.9	-38.9	47.3	235.3	2.9	210
71	0.0	0.875	1.0	55.2	-25.0	-43.9	50.5	240.3	0.3	216
72	0.0	1.0	0.0	51.9	-68.8	28.1	74.3	157.7	0.0	149
73	0.0	1.0	0.125	52.5	-66.4	19.3	69.1	163.7	0.5	156
74	0.0	1.0	0.25	53.2	-61.9	9.8	62.7	170.9	1.3	162
75	0.0	1.0	0.375	54.1	-56.9	-1.0	56.9	181.0	0.7	171
76	0.0	1.0	0.5	54.8	-51.0	-12.3	52.5	193.5	0.0	180
77	0.0	1.0	0.625	55.8	-45.1	-21.9	50.1	205.9	0.7	188
78	0.0	1.0	0.75	56.7	-38.9	-30.9	49.7	218.4	1.0	197
79	0.0	1.0	0.875	57.5	-34.3	-37.2	50.6	227.3	0.5	203
80	0.0	1.0	1.0	58.3	-29.2	-43.7	52.6	236.1	0.0	210
								delta E*' =	3.7	

n=j	rgb*Md			LabCh*Md				
0	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
1	0.0	0.0	1.0	25.3	23.5	-47.3	52.8	296.4
2	0.0	0.0	1.0	25.3	23.5	-47.3	52.8	296.4
3	0.0	0.0	1.0	25.3	23.5	-47.3	52.8	296.4
4	0.0	0.0	1.0	25.3	23.5	-47.3	52.8	296.4
5	0.0	0.0	1.0	25.3	23.5	-47.3	52.8	296.4
6	0.0	0.0	1.0	25.3	23.5	-47.3	52.8	296.4
7	0.0	0.0	1.0	25.3	23.5	-47.3	52.8	296.4
8	0.0	0.0	1.0	25.3	23.5	-47.3	52.8	296.4
9	0.0	1.0	0.0	51.9	-68.8	28.1	74.3	157.7
10	0.0	1.0	1.0	58.3	-29.2	-43.7	52.6	236.1
11	0.0	0.5	1.0	42.7	-6.0	-45.0	45.4	262.3
12	0.0	0.316	1.0	35.7	5.1	-45.8	46.1	276.3
13	0.0	0.233	1.0	32.7	10.5	-46.2	47.4	282.8
14	0.0	0.183	1.0	30.8	13.6	-46.7	48.6	286.2
15	0.0	0.15	1.0	29.5	15.8	-46.9	49.4	288.6
16	0.0	0.133	1.0	28.9	16.8	-46.9	49.9	289.7
17	0.0	0.116	1.0	28.3	17.8	-47.0	50.3	290.7
18	0.0	1.0	0.0	51.9	-68.8	28.1	74.3	157.7
19	0.0	1.0	0.5	54.8	-51.0	-12.3	52.5	193.5
20	0.0	1.0	1.0	58.3	-29.2	-43.7	52.6	236.1
21	0.0	0.683	1.0	49.6	-16.6	-44.3	47.4	249.4
22	0.0	0.5	1.0	42.7	-6.0	-45.0	45.4	262.3
23	0.0	0.383	1.0	38.2	0.8	-45.4	45.4	271.0
24	0.0	0.316	1.0	35.7	5.1	-45.8	46.1	276.3
25	0.0	0.266	1.0	33.9	8.3	-46.0	46.7	280.3
26	0.0	0.233	1.0	32.7	10.5	-46.2	47.4	282.8
27	0.0	1.0	0.0	51.9	-68.8	28.1	74.3	157.7
28	0.0	1.0	0.316	53.7	-59.5	3.7	59.6	176.3
29	0.0	1.0	0.683	56.2	-42.4	-26.3	49.9	211.7
30	0.0	1.0	1.0	58.3	-29.2	-43.7	52.6	236.1
31	0.0	0.766	1.0	52.2	-20.4	-44.1	48.6	245.1
32	0.0	0.616	1.0	47.4	-13.4	-44.5	46.4	253.2
33	0.0	0.5	1.0	42.7	-6.0	-45.0	45.4	262.3
34	0.0	0.416	1.0	39.5	-1.1	-45.4	45.4	268.5
35	0.0	0.366	1.0	37.6	1.8	-45.5	45.5	272.3
36	0.0	1.0	0.0	51.9	-68.8	28.1	74.3	157.7
37	0.0	1.0	0.233	53.2	-62.6	11.0	63.6	170.0
38	0.0	1.0	0.5	54.8	-51.0	-12.3	52.5	193.5
39	0.0	1.0	0.766	56.8	-38.4	-31.7	49.8	219.6
40	0.0	1.0	1.0	58.3	-29.2	-43.7	52.6	236.1
41	0.0	0.816	1.0	53.6	-22.5	-44.1	49.5	242.9
42	0.0	0.683	1.0	49.6	-16.6	-44.3	47.4	249.4
43	0.0	0.583	1.0	46.1	-11.3	-44.7	46.1	255.8
44	0.0	0.5	1.0	42.7	-6.0	-45.0	45.4	262.3
45	0.0	1.0	0.0	51.9	-68.8	28.1	74.3	157.7
46	0.0	1.0	0.183	52.9	-64.5	14.7	66.1	167.1
47	0.0	1.0	0.383	54.1	-56.6	-1.8	56.6	181.9
48	0.0	1.0	0.616	55.7	-45.5	-21.3	50.3	205.1
49	0.0	1.0	0.816	57.1	-36.6	-34.3	50.2	223.1
50	0.0	1.0	1.0	58.3	-29.2	-43.7	52.6	236.1
51	0.0	0.85	1.0	54.5	-23.9	-44.0	50.1	241.4
52	0.0	0.733	1.0	51.2	-18.9	-44.2	48.1	246.7
53	0.0	0.633	1.0	48.0	-14.3	-44.4	46.6	252.1
54	0.0	1.0	0.0	51.9	-68.8	28.1	74.3	157.7
55	0.0	1.0	0.15	52.7	-65.6	17.3	67.9	165.1
56	0.0	1.0	0.316	53.7	-59.5	3.7	59.6	176.3
57	0.0	1.0	0.5	54.8	-51.0	-12.3	52.5	193.5
58	0.0	1.0	0.683	56.2	-42.4	-26.3	49.9	211.7
59	0.0	1.0	0.85	57.4	-35.3	-36.0	50.4	225.5
60	0.0	1.0	1.0	58.3	-29.2	-43.7	52.6	236.1
61	0.0	0.866	1.0	55.0	-24.6	-43.9	50.4	240.7
62	0.0	0.766	1.0	52.2	-20.4	-44.1	48.6	245.1
63	0.0	1.0	0.0	51.9	-68.8	28.1	74.3	157.7
64	0.0	1.0	0.133	52.6	-66.1	18.6	68.7	164.2
65	0.0	1.0	0.266	53.4	-61.4	8.2	61.9	172.3
66	0.0	1.0	0.416	54.3	-55.2	-5.0	55.5	185.2
67	0.0	1.0	0.583	55.5	-47.3	-18.9	50.9	201.8
68	0.0	1.0	0.733	56.6	-39.9	-29.8	49.8	216.7
69	0.0	1.0	0.866	57.5	-34.6	-36.8	50.6	226.7
70	0.0	1.0	1.0	58.3	-29.2	-43.7	52.6	236.1
71	0.0	0.883	1.0	55.4	-25.2	-43.9	50.7	240.0
72	0.0	1.0	0.0	51.9	-68.8	28.1	74.3	157.7
73	0.0	1.0	0.116	52.5	-66.6	19.9	69.5	163.3
74	0.0	1.0	0.233	53.2	-62.6	11.0	63.6	170.0
75	0.0	1.0	0.366	54.0	-57.3	-0.4	57.3	180.4
76	0.0	1.0	0.5	54.8	-51.0	-12.3	52.5	193.5
77	0.0	1.0	0.633	55.8	-44.7	-22.5	50.1	206.7
78	0.0	1.0	0.766	56.8	-38.4	-31.7	49.8	219.6
79	0.0	1.0	0.883	57.6	-34.0	-37.7	50.8	227.9
80	0.0	1.0	1.0	58.3	-29.2	-43.7	52.6	236.1

2-0031930-F0

QS140-7N, 20/33-F

gráfico TUB-QS14; código de tono: H^*_d=R50Y_d
colores y differencia en color, $\Delta E^{*\prime}$

entrada: *rgb/cmyk* -> rgb_d
salida: transfiera a $cmyk_d$

n	HIC*Fd	rgb_Fd			ict_Fd			hsi_F,d	rgb*Fd			LabCh*Fd				
81	R00Y_012_012d	0.125	0.0	0.0	0.125	0.125	0.062	390	0.125	0.0	0.0	21.4	7.9	5.1	9.5	32.8
82	B50R_012_012d	0.125	0.0	0.125	0.125	0.125	0.062	330	0.125	0.0	0.125	21.5	9.1	−1.0	9.1	353.3
83	B25R_025_025d	0.125	0.0	0.25	0.25	0.25	0.125	300	0.125	0.0	0.25	22.7	13.4	−6.5	14.9	333.9
84	B15R_037_037d	0.125	0.0	0.375	0.375	0.375	0.187	289	0.118	0.0	0.375	23.3	15.9	−13.2	20.7	320.2
85	B11R_050_050d	0.125	0.0	0.5	0.5	0.5	0.25	284	0.116	0.0	0.5	24.4	17.8	−19.8	26.6	311.9
86	B09R_062_062d	0.125	0.0	0.625	0.625	0.625	0.312	281	0.114	0.0	0.625	25.6	21.2	−25.6	33.2	309.5
87	B07R_075_075d	0.125	0.0	0.75	0.75	0.75	0.375	279	0.112	0.0	0.75	26.7	24.5	−31.4	39.9	307.9
88	B06R_087_087d	0.125	0.0	0.875	0.875	0.875	0.437	278	0.116	0.0	0.875	28.0	28.1	−37.0	46.5	307.1
89	B05R_100_100d	0.125	0.0	1.0	1.0	1.0	0.5	277	0.116	0.0	1.0	29.0	31.2	−42.9	53.1	306.0
90	Y00G_012_012d	0.125	0.125	0.0	0.125	0.125	0.062	90	0.125	0.125	0.0	26.5	−1.4	11.8	11.9	97.1
91	NW_012d	0.125	0.125	0.125	0.125	0.0	0.125	360	0.125	0.125	0.125	27.4	0.0	0.0	0.0	0.0
92	B00R_025_012d	0.125	0.125	0.25	0.25	0.125	0.187	270	0.124	0.124	0.25	28.3	2.9	−5.9	6.6	296.4
93	B00R_037_025d	0.125	0.125	0.375	0.375	0.25	0.25	270	0.124	0.124	0.375	29.3	5.8	−11.8	13.2	296.4
94	B00R_050_037d	0.125	0.125	0.5	0.5	0.375	0.312	270	0.124	0.124	0.5	30.2	8.8	−17.7	19.8	296.4
95	B00R_062_050d	0.125	0.125	0.625	0.625	0.5	0.375	270	0.125	0.125	0.625	31.2	11.7	−23.6	26.4	296.4
96	B00R_075_062d	0.125	0.125	0.75	0.75	0.625	0.437	270	0.125	0.125	0.75	32.1	14.6	−29.5	33.0	296.4
97	B00R_087_075d	0.125	0.125	0.875	0.875	0.75	0.5	270	0.125	0.125	0.875	33.1	17.6	−35.5	39.6	296.4
98	B00R_100_087d	0.125	0.125	1.0	1.0	0.875	0.562	270	0.125	0.125	1.0	34.1	20.5	−41.4	46.2	296.4
99	Y50G_025_025d	0.125	0.25	0.0	0.25	0.25	0.125	120	0.125	0.25	0.0	31.4	−7.8	16.5	18.2	115.3
100	G00B_025_012d	0.125	0.25	0.125	0.25	0.125	0.187	150	0.124	0.25	0.124	31.7	−8.6	3.5	9.2	157.7
101	G50B_025_012d	0.125	0.25	0.25	0.25	0.125	0.187	210	0.124	0.25	0.25	32.5	−3.6	−5.4	6.5	236.1
102	G75B_037_025d	0.125	0.25	0.375	0.375	0.25	0.25	240	0.124	0.25	0.375	33.6	−1.5	−11.2	11.3	262.3
103	G84B_050_037d	0.125	0.25	0.5	0.5	0.375	0.312	251	0.124	0.243	0.5	34.2	1.9	−17.2	17.3	276.3
104	G88B_062_050d	0.125	0.25	0.625	0.625	0.5	0.375	256	0.125	0.241	0.625	34.9	5.2	−23.1	23.7	282.8
105	G90B_075_062d	0.125	0.25	0.75	0.75	0.625	0.437	259	0.125	0.239	0.75	35.6	8.5	−29.1	30.4	286.2
106	G92B_087_075d	0.125	0.25	0.875	0.875	0.75	0.5	261	0.125	0.237	0.875	36.3	11.8	−35.1	37.1	288.6
107	G93B_100_087d	0.125	0.25	1.0	1.0	0.875	0.562	262	0.125	0.241	1.0	37.2	14.7	−41.0	43.6	289.7
108	Y68G_037_037d	0.125	0.375	0.0	0.375	0.375	0.187	131	0.118	0.375	0.0	35.5	−15.8	20.1	25.6	128.2
109	G00B_037_025d	0.125	0.375	0.125	0.375	0.25	0.25	150	0.124	0.375	0.124	35.9	−17.2	7.0	18.5	157.7
110	G25B_037_025d	0.125	0.375	0.25	0.375	0.25	0.25	180	0.124	0.375	0.25	36.7	−12.7	−3.0	13.1	193.5
111	G50B_037_025d	0.125	0.375	0.375	0.375	0.25	0.25	210	0.124	0.375	0.375	37.5	−7.3	−10.9	13.1	236.1
112	G65B_050_037d	0.125	0.375	0.5	0.5	0.375	0.312	229	0.124	0.381	0.5	39.4	−6.2	−16.6	17.7	249.4
113	G75B_062_050d	0.125	0.375	0.625	0.625	0.5	0.375	240	0.125	0.375	0.625	39.9	−3.0	−22.5	22.7	262.3
114	G80B_075_062d	0.125	0.375	0.75	0.75	0.625	0.437	247	0.125	0.364	0.75	40.2	0.5	−28.4	28.4	271.0
115	G84B_087_075d	0.125	0.375	0.875	0.875	0.75	0.5	251	0.125	0.362	0.875	40.9	3.8	−34.4	34.6	276.3
116	G86B_100_087d	0.125	0.375	1.0	1.0	0.875	0.562	254	0.125	0.358	1.0	41.6	7.3	−40.2	40.9	280.3
117	Y76G_050_050d	0.125	0.5	0.0	0.5	0.5	0.25	136	0.116	0.5	0.0	39.0	−24.4	23.3	33.8	136.2
118	G00B_050_037d	0.125	0.5	0.125	0.5	0.375	0.312	150	0.124	0.5	0.124	40.2	−25.8	10.5	27.8	157.7
119	G15B_050_037d	0.125	0.5	0.25	0.5	0.375	0.312	169	0.124	0.5	0.243	40.9	−22.3	1.4	22.3	176.3
120	G34B_050_037d	0.125	0.5	0.375	0.5	0.375	0.312	191	0.124	0.5	0.381	41.8	−15.9	−9.8	18.7	211.7
121	G50B_050_037d	0.125	0.5	0.5	0.5	0.375	0.312	210	0.124	0.5	0.5	42.6	−10.9	−16.4	19.7	236.1
122	G61B_062_050d	0.125	0.5	0.625	0.625	0.5	0.375	224	0.125	0.508	0.625	44.6	−10.2	−22.0	24.3	245.1
123	G69B_075_062d	0.125	0.5	0.75	0.75	0.625	0.437	233	0.125	0.51	0.75	46.0	−8.3	−27.8	29.0	253.2
124	G75B_087_075d	0.125	0.5	0.875	0.875	0.75	0.5	240	0.125	0.5	0.875	46.2	−4.5	−33.7	34.0	262.3
125	G79B_100_087d	0.125	0.5	1.0	1.0	0.875	0.562	245	0.125	0.489	1.0	46.5	−0.9	−39.7	39.7	268.5
126	Y81G_062_062d	0.125	0.625	0.0	0.625	0.625	0.312	139	0.114	0.625	0.0	43.5	−32.3	27.0	42.1	140.1
127	G00B_062_050d	0.125	0.625	0.125	0.625	0.5	0.375	150	0.125	0.625	0.125	44.5	−34.4	14.0	37.1	157.7
128	G11B_062_050d	0.125	0.625	0.25	0.625	0.5	0.375	164	0.125	0.625	0.241	45.1	−31.3	5.5	31.8	170.0
129	G25B_062_050d	0.125	0.625	0.375	0.625	0.5	0.375	180	0.125	0.625	0.375	46.0	−25.5	−6.1	26.2	193.5
130	G38B_062_050d	0.125	0.625	0.5	0.625	0.5	0.375	196	0.125	0.625	0.508	47.0	−19.2	−15.8	24.9	219.6
131	G50B_062_050d	0.125	0.625	0.625	0.625	0.5	0.375	210	0.125	0.625	0.625	47.7	−14.6	−21.8	26.3	236.1
132	G59B_075_062d	0.125	0.625	0.75	0.75	0.625	0.437	221	0.125	0.635	0.75	49.8	−14.0	−27.5	30.9	242.9
133	G65B_087_075d	0.125	0.625	0.875	0.875	0.75	0.5	229	0.125	0.637	0.875	51.3	−12.4	−33.2	35.5	249.4
134	G70B_100_087d	0.125	0.625	1.0	1.0	0.875	0.562	235	0.125	0.635	1.0	52.2	−9.8	−39.1	40.4	255.8
135	Y85G_075_075d	0.125	0.75	0.0	0.75	0.75	0.375	141	0.112	0.75	0.0	48.0	−40.2	30.6	50.5	142.7
136	G00B_075_062d	0.125	0.75	0.125	0.75	0.625	0.437	150	0.125	0.75	0.125	48.8	−43.0	17.5	46.4	157.7
137	G09B_075_062d	0.125	0.75	0.25	0.75	0.625	0.437	161	0.125	0.75	0.239	49.4	−40.3	9.2	41.3	167.1
138	G19B_075_062d	0.125	0.75	0.375	0.75	0.625	0.437	173	0.125	0.75	0.364	50.2	−35.4	−1.1	35.4	181.9
139	G30B_075_062d	0.125	0.75	0.5	0.75	0.625	0.437	187	0.125	0.75	0.51	51.2	−28.4	−13.3	31.4	205.1
140	G40B_075_062d	0.125	0.75	0.625	0.75	0.625	0.437	199	0.125	0.75	0.635	52.1	−22.9	−21.4	31.4	223.1
141	G50B_075_062d	0.125	0.75	0.75	0.75	0.625	0.437	210	0.125	0.75	0.75	52.8	−18.3	−27.3	32.9	236.1
142	G57B_087_075d	0.125	0.75	0.875	0.875	0.75	0.5	219	0.125	0.762	0.875	55.0	−17.9	−33.0	37.5	241.4
143	G63B_100_087d	0.125	0.75	1.0	1.0	0.875	0.562	226	0.125	0.766	1.0	56.7	−16.6	−38.7	42.1	246.7
144	Y86G_087_087d	0.125	0.875	0.0	0.875	0.875	0.437	142	0.116	0.875	0.0	52.6	−47.7	34.6	58.9	144.0
145	G00B_087_075d	0.125	0.875	0.125	0.875	0.75	0.5	150	0.125	0.875	0.125	53.1	−51.6	21.0	55.7	157.7
146	G07B_087_075d	0.125	0.875	0.25	0.875	0.75	0.5	159	0.125	0.875	0.237	53.6	−49.2	13.0	50.9	165.1
147	G15B_087_075d	0.125	0.875	0.375	0.875	0.75	0.5	169	0.125	0.875	0.362	54.4	−44.6	2.8	44.7	176.3
148	G25B_087_075d	0.125	0.875	0.5	0.875	0.75	0.5	180	0.125	0.875	0.5	55.2	−38.3	−9.2	39.4	193.5
149	G34B_087_075d	0.125	0.875	0.625	0.875	0.75	0.5	191	0.125	0.875	0.637	56.3	−31.8	−19.7	37.4	211.7
150	G42B_087_075d	0.125	0.875	0.75	0.875	0.75	0.5	201	0.125	0.875	0.762	57.2	−26.5	−27.0	37.8	225.5
151	G50B_087_075d	0.125	0.875	0.875	0.875	0.75	0.5	210	0.125	0.875	0.875	57.9	−21.9	−32.8	39.4	236.1
152	G56B_100_087d	0.125	0.875	1.0	1.0	0.875	0.562	218	0.125	0.883	1.0	60.0	−21.5	−38.4	44.1	240.7
153	Y88G_100_100d	0.125	1.0	0.0	1.0	1.0	0.5	143	0.116	1.0	0.0	57.0	−55.9	38.3	67.8	145.5
154	G00B_100_087d	0.125	1.0	0.125	1.0	0.875	0.562	150	0.125	1.0	0.125	57.3	−60.2	24.6	65.0	157.7
155	G06B_100_087d	0.125	1.0	0.25	1.0	0.875	0.562	158	0.125	1.0	0.241	57.9	−57.8	16.3	60.1	164.2
156	G13B_100_087d	0.125	1.0	0.375	1.0	0.875	0.562	166	0.125	1.0	0.358	58.6	−53.7	7.2	54.2	172.3
157	G20B_100_087d	0.125	1.0	0.5	1.0	0.875	0.562	175	0.125	1.0	0.489	59.4	−48.3	−4.4	48.5	185.2
158	G29B_100_087d	0.125	1.0	0.625	1.0	0.875	0.562	185	0.125	1.0	0.635	60.5	−41.4	−16.5	44.6	201.8
159	G36B_100_087d	0.125	1.0	0.75	1.0	0.875	0.562	194	0.125	1.0	0.766	61.4	−34.9	−26.0	43.5	216.7
160	G43B_100_087d	0.125	1.0	0.875	1.0	0.875	0.562	202	0.125	1.0	0.883	62.2	−30.3	−32.2	44.2	226.7
161	G50B_100_087d	0.125	1.0	1.0	1.0	0.875	0.562	210	0.125	1.0	1.0	62.9	−25.6	−38.2	46.0	236.1

n	rgb*'Fd			LabCh*'Fd					DE*'Fd	hsiM,d
81	0.125	0.0	0.0	22.6	5.8	6.1	8.4	46.2	2.6	389
82	0.125	0.0	0.125	22.0	8.7	−2.1	9.0	346.0	1.2	330
83	0.125	0.0	0.25	26.4	15.2	−8.9	17.6	329.7	4.7	300
84	0.125	0.0	0.375	27.5	19.5	−15.7	25.0	321.2	6.0	288
85	0.125	0.0	0.5	26.6	24.0	−22.4	32.9	317.0	7.0	282
86	0.125	0.0	0.625	27.1	26.6	−28.7	39.1	312.7	6.4	279
87	0.125	0.0	0.75	27.8	28.8	−33.9	44.5	310.3	5.0	278
88	0.125	0.0	0.875	28.8	31.4	−38.8	49.9	308.9	3.8	277
89	0.125	0.0	1.0	29.3	31.8	−42.6	53.1	306.7	0.6	276
90	0.125	0.125	0.0	27.7	−3.1	9.7	10.2	108.1	2.9	89
91	0.125	0.125	0.125	28.0	−0.2	−0.4	0.5	238.7	0.8	360
92	0.125	0.125	0.25	31.9	3.7	−8.7	9.5	293.2	4.6	270
93	0.125	0.125	0.375	33.8	7.7	−14.6	16.5	297.7	5.5	270
94	0.125	0.125	0.5	33.1	12.1	−20.7	24.0	300.3	5.3	270
95	0.125	0.125	0.625	33.6	15.2	−26.4	30.5	300.0	5.0	270
96	0.125	0.125	0.75	33.2	18.6	−32.3	37.3	300.0	4.9	270
97	0.125	0.125	0.875	33.9	22.1	−37.4	43.4	300.6	4.9	270
98	0.125	0.125	1.0	33.6	23.8	−41.7	48.0	299.7	3.3	270
99	0.125	0.25	0.0	36.5	−10.7	18.4	21.4	120.2	6.1	119
100	0.125	0.25	0.125	35.6	−9.7	5.4	11.1	150.9	4.5	149
101	0.125	0.25	0.25	36.7	−5.3	−7.4	9.1	234.0	4.9	210
102	0.125	0.25	0.375	39.3	−2.0	−12.9	13.0	260.8	5.9	240
103	0.125	0.25	0.5	39.5	1.7	−18.7	18.8	275.2	5.5	251
104	0.125	0.25	0.625	39.5	5.3	−24.6	25.2	282.3	4.8	257
105	0.125	0.25	0.75	38.4	9.8	−30.8	32.3	287.7	3.5	260
106	0.125	0.25	0.875	38.5	13.3	−36.3	38.7	290.1	2.9	262
107	0.125	0.25	1.0	38.1	15.5	−40.4	43.3	291.1	1.4	262
108	0.125	0.375	0.0	40.7	−19.0	23.7	30.4	128.6	7.1	131
109	0.125	0.375	0.125	40.8	−17.0	11.0	20.3	147.1	6.3	149
110	0.125	0.375	0.25	42.3	−12.9	−2.3	13.1	190.4	5.6	180
111	0.125	0.375	0.375	43.5	−8.9	−12.3	15.2	234.2	6.3	210
112	0.125	0.375	0.5	44.7	−6.8	−17.9	19.2	249.0	5.5	228
113	0.125	0.375	0.625	45.3	−3.6	−23.6	23.9	261.3	5.4	240
114	0.125	0.375	0.75	43.6	1.1	−29.7	29.7	272.2	3.6	247
115	0.125	0.375	0.875	44.6	4.0	−34.9	35.1	276.6	3.6	251
116	0.125	0.375	1.0	42.3	8.4	−39.6	40.5	281.9	1.4	255
117	0.125	0.5	0.0	44.2	−26.4	27.6	38.2	133.7	7.0	137
118	0.125	0.5	0.125	44.8	−24.5	15.9	29.2	147.0	7.1	149
119	0.125	0.5	0.25	45.9	−20.4	2.8	20.6	171.9	5.5	168
120	0.125	0.5	0.375	47.7	−16.0	−9.1	18.4	209.5	5.8	191
121	0.125	0.5	0.5	47.9	−12.3	−17.4	21.3	234.7	5.5	210
122	0.125	0.5	0.625	49.8	−10.6	−22.8	25.2	244.9	5.2	222
123	0.125	0.5	0.75	49.1	−7.9	−28.6	29.7	254.4	3.2	232
124	0.125	0.5	0.875	49.6	−4.4	−34.1	34.4	262.5	3.4	240
125	0.125	0.5	1.0	47.2	0.5	−38.8	38.8	270.8	1.9	245
126	0.125	0.625	0.0	48.1	−34.1	31.3	46.3	137.3	6.5	140
127	0.125	0.625	0.125	48.8	−31.7	20.0	37.5	147.6	7.8	149
128	0.125	0.625	0.25	49.9	−28.4	8.0	29.5	164.2	6.1	162
129	0.125	0.625	0.375	51.1	−23.9	−4.0	24.3	189.6	5.7	180
130	0.125	0.625	0.5	52.0	−19.4	−14.8	24.4	217.4	5.1	197
131	0.125	0.625	0.625	52.7	−15.6	−22.4	27.3	235.1	5.1	210
132	0.125	0.625	0.75	54.2	−14.2	−27.8	31.2	242.9	4.3	219
133	0.125	0.625	0.875	54.6	−11.0	−33.1	34.9	251.5	3.5	228
134	0.125	0.625	1.0	53.1	−8.0	−37.9	38.8	257.9	2.3	234
135	0.125	0.75	0.0	51.5	−41.2	34.0	53.4	140.4	5.0	142
136	0.125	0.75	0.125	52.3	−38.6	23.5	45.2	148.6	8.1	149
137	0.125	0.75	0.25	53.2	−35.7	13.1	38.0	159.8	7.1	159
138	0.125	0.75	0.375	54.5	−31.7	1.0	31.8	178.1	6.0	172
139	0.125	0.75	0.5	55.6	−26.4	−11.5	28.8	203.5	5.1	187
140	0.125	0.75	0.625	56.1	−22.5	−19.9	30.1	221.4	4.3	200
141	0.125	0.75	0.75	57.0	−18.6	−27.3	33.0	235.7	4.2	210
142	0.125	0.75	0.875	58.7	−17.2	−32.7	37.0	242.2	3.7	217
143	0.125	0.75	1.0	57.3	−13.9	−37.3	39.8	249.5	3.0	224
144	0.125	0.875	0.0	55.4	−48.7	37.2	61.3	142.6	3.9	142
145	0.125	0.875	0.125	56.3	−46.0	27.2	53.5	149.4	8.8	149
146	0.125	0.875	0.25	56.9	−43.7	17.5	47.1	158.0	7.8	157
147	0.125	0.875	0.375	58.0	−39.5	5.4	39.9	172.2	6.7	168
148	0.125	0.875	0.5	58.7	−35.0	−6.9	35.7	191.1	5.3	180
149	0.125	0.875	0.625	60.0	−29.9	−17.0	34.4	209.7	4.9	191
150	0.125	0.875	0.75	60.8	−25.5	−25.6	36.1	225.1	3.9	202
151	0.125	0.875	0.875	61.6	−21.6	−32.3	38.9	236.2	3.8	210
152	0.125	0.875	1.0	61.1	−19.5	−37.2	42.1	242.3	2.5	217
153	0.125	1.0	0.0	57.4	−54.9	38.9	67.3	144.6	1.1	143
154	0.125	1.0	0.125	58.3	−52.3	29.4	60.0	150.6	9.2	149
155	0.125	1.0	0.25	58.7	−49.8	19.3	53.4	158.8	8.5	157
156	0.125	1.0	0.375	59.7	−46.5	9.6	47.4	168.3	7.7	164
157	0.125	1.0	0.5	60.4	−42.2	−1.8	42.3	182.5	6.6	174
158	0.125	1.0	0.625	61.4	−37.1	−13.0	39.3	199.3	5.6	185
159	0.125	1.0	0.75	62.5	−32.0	−22.8	39.3	215.4	4.4	195
160	0.125	1.0	0.875	63.4	−27.9	−29.7	40.8	226.7	3.6	202
161	0.125	1.0	1.0	64.1	−23.7	−36.5	43.5	237.0	2.8	210
								delta E*' =	4.9	

n	rgb*Md			LabCh*Md				
81	1.0	0.0	0.0	47.3	63.8	41.2	76.0	32.8
82	1.0	0.0	1.0	48.2	72.8	−8.5	73.3	353.3
83	0.5	0.0	1.0	37.8	53.8	−26.3	59.9	333.9
84	0.316	0.0	1.0	32.7	42.4	−35.3	55.3	320.2
85	0.233	0.0	1.0	31.2	35.6	−39.6	53.3	311.9
86	0.183	0.0	1.0	30.3	33.9	−41.0	53.2	309.5
87	0.15	0.0	1.0	29.7	32.7	−41.9	53.2	307.9
88	0.133	0.0	1.0	29.4	32.1	−42.3	53.1	307.1
89	0.116	0.0	1.0	29.0	31.2	−42.9	53.1	306.0
90	1.0	1.0	0.0	88.3	−11.9	95.1	95.8	97.1
91	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
92	0.0	0.0	1.0	25.3	23.5	−47.3	52.8	296.4
93	0.0	0.0	1.0	25.3	23.5	−47.3	52.8	296.4
94	0.0	0.0	1.0	25.3	23.5	−47.3	52.8	296.4
95	0.0	0.0	1.0	25.3	23.5	−47.3	52.8	296.4
96	0.0	0.0	1.0	25.3	23.5	−47.3	52.8	296.4
97	0.0	0.0	1.0	25.3	23.5	−47.3	52.8	296.4
98	0.0	0.0	1.0	25.3	23.5	−47.3	52.8	296.4
99	0.5	1.0	0.0	72.7	−31.3	66.0	73.1	115.3
100	0.0	1.0	0.0	51.9	−68.8	28.1	74.3	157.7
101	0.0	1.0	1.0	58.3	−29.2	−43.7	52.6	236.1
102	0.0	0.5	1.0	42.7	−6.0	−45.0	45.4	262.3
103	0.0	0.316	1.0	35.7	5.1	−45.8	46.1	276.3
104	0.0	0.233	1.0	32.7	10.5	−46.2	47.4	282.8
105	0.0	0.183	1.0	30.8	13.6	−46.7	48.6	286.2
106	0.0	0.15	1.0	29.5	15.8	−46.9	49.4	288.6
107	0.0	0.133	1.0	28.9	16.8	−46.9	49.9	289.7
108	0.316	1.0	0.0	65.1	−42.3	53.6	68.2	128.2
109	0.0	1.0	0.0	51.9	−68.8	28.1	74.3	157.7
110	0.0	1.0	0.5	54.8	−51.0	−12.3	52.5	193.5
111	0.0	1.0	1.0	58.3	−29.2	−43.7	52.6	236.1
112	0.0	0.683	1.0	49.6	−16.6	−44.3	47.4	249.4
113	0.0	0.5	1.0	42.7	−6.0	−45.0	45.4	262.3
114	0.0	0.383	1.0	38.2	0.8	−45.4	45.4	271.0
115	0.0	0.316	1.0	35.7	5.1	−45.8	46.1	276.3
116	0.0	0.266	1.0	33.9	8.3	−46.0	46.7	280.3
117	0.233	1.0	0.0	60.4	−48.8	46.7	67.6	136.2
118	0.0	1.0	0.0	51.9	−68.8	28.1	74.3	157.7
119	0.0	1.0	0.316	53.7	−59.5	3.7	59.6	176.3
120	0.0	1.0	0.683	56.2	−42.4	−26.3	49.9	211.7
121	0.0	1.0	1.0	58.3	−29.2	−43.7	52.6	236.1
122	0.0	0.766	1.0	52.2	−20.4	−44.1	48.6	245.1
123	0.0	0.616	1.0	47.4	−13.4	−44.5	46.4	253.2
124	0.0	0.5	1.0	42.7	−6.0	−45.0	45.4	262.3
125	0.0	0.416	1.0	39.5	−1.1	−45.4	45.4	268.5
126	0.183	1.0	0.0	59.0	−51.8	43.2	67.4	140.1
127	0.0	1.0	0.0	51.9	−68.8	28.1	74.3	157.7
128	0.0	1.0	0.233	53.2	−62.6	11.0	63.6	170.0
129	0.0	1.0	0.5	54.8	−51.0	−12.3	52.5	193.5
130	0.0	1.0	0.766	56.8	−38.4	−31.7	49.8	219.6
131	0.0	1.0	1.0	58.3	−29.2	−43.7	52.6	236.1
132	0.0	0.816	1.0	53.6	−22.5	−44.1	49.5	242.9
133	0.0	0.683	1.0	49.6	−16.6	−44.3	47.4	249.4
134	0.0	0.583	1.0	46.1	−11.3	−44.7	46.1	255.8
135	0.15	1.0	0.0	58.1	−53.6	40.8	67.4	142.7
136	0.0	1.0	0.0	51.9	−68.8	28.1	74.3	157.7
137	0.0	1.0	0.183	52.9	−64.5	14.7	66.1	167.1
138	0.0	1.0	0.383	54.1	−56.6	−1.8	56.6	181.9
139	0.0	1.0	0.616	55.7	−45.5	−21.3	50.3	205.1
140	0.0	1.0	0.816	57.1	−36.6	−34.3	50.2	223.1
141	0.0	1.0	1.0	58.3	−29.2	−43.7	52.6	236.1
142	0.0	0.85	1.0	54.5	−23.9	−44.0	50.1	241.4
143	0.0	0.733	1.0	51.2	−18.9	−44.2	48.1	246.7
144	0.133	1.0	0.0	57.6	−54.5	39.5	67.3	144.0
145	0.0	1.0	0.0	51.9	−68.8	28.1	74.3	157.7
146	0.0	1.0	0.15	52.7	−65.6	17.3	67.9	165.1
147	0.0	1.0	0.316	53.7	−59.5	3.7	59.6	176.3
148	0.0	1.0	0.5	54.8	−51.0	−12.3	52.5	193.5
149	0.0	1.0	0.683	56.2	−42.4	−26.3	49.9	211.7
150	0.0	1.0	0.85	57.4	−35.3	−36.0	50.4	225.5
151	0.0	1.0	1.0	58.3	−29.2	−43.7	52.6	236.1
152	0.0	0.866	1.0	55.0	−24.6	−43.9	50.4	240.7
153	0.116	1.0	0.0	57.0	−55.9	38.3	67.8	145.5
154	0.0	1.0	0.0	51.9	−68.8	28.1	74.3	157.7
155	0.0	1.0	0.133	52.6	−66.1	18.6	68.7	164.2
156	0.0	1.0	0.266	53.4	−61.4	8.2	61.9	172.3
157	0.0	1.0	0.416	54.3	−55.2	−5.0	55.5	185.2
158	0.0	1.0	0.583	55.5	−47.3	−18.9	50.9	201.8
159	0.0	1.0	0.733	56.6	−39.9	−29.8	49.8	216.7
160	0.0	1.0	0.866	57.5	−34.6	−36.8	50.6	226.7
161	0.0	1.0	1.0	58.3	−29.2	−43.7	52.6	236.1

2−0032030−F0

QS140−7N, 21/33−F

gráfico TUB-QS14; código de tono: $H^*_d=R50Y_d$
colores y differencia en color, $\Delta E^{*'}$

entrada: *rgb/cmyk* −> rgb_d
salida: transfiera a $cmyk_d$

vea archivos semejantes: http://130.149.60.45/~farbmetrik/QS14/QS14.HTM
información técnica: http://www.ps.bam.de o http://130.149.60.45/~farbmetrik

TUB matrícula: 20130201-QS14/QS14L0NP.PDF /.PS
aplicación para la medida salida en la impressión offset, separación cmyn6 (CMYK)

TUB material: code=rha4ta

QS1400L

2−0032030−F0

QS1400L

http://130.149.60.45/~farbmetrik/QS14/QS14L0NP.PDF /.PS; salida de transferencia
N: ninguna 3D-linealización (OL) en archivo (F) o PS-startup (S), página 22/33

n	HIC*Fd	rgb_Fd			ict_Fd			hsi_F,d	rgb*Fd			LabCh*Fd				
162	R00Y_025_025d	0.25	0.0	0.0	0.25	0.25	0.125	390	0.25	0.0	0.0	25.1	15.9	10.3	19.0	32.8
163	R00Y_025_025d	0.25	0.0	0.125	0.25	0.25	0.125	360	0.25	0.0	0.125	25.2	16.9	3.5	17.2	11.6
164	B50R_025_025d	0.25	0.0	0.25	0.25	0.25	0.125	330	0.25	0.0	0.25	25.3	18.2	−2.1	18.3	353.3
165	B34R_037_037d	0.25	0.0	0.375	0.375	0.375	0.187	311	0.256	0.0	0.375	26.8	23.3	−7.0	24.3	343.1
166	B25R_050_050d	0.25	0.0	0.5	0.5	0.5	0.25	300	0.25	0.0	0.5	27.7	26.9	−13.1	29.9	333.9
167	B19R_062_062d	0.25	0.0	0.625	0.625	0.625	0.312	293	0.239	0.0	0.625	27.9	30.0	−19.3	35.7	327.2
168	B15R_075_075d	0.25	0.0	0.75	0.75	0.75	0.375	289	0.237	0.0	0.75	29.0	31.8	−26.5	41.4	320.2
169	B13R_087_087d	0.25	0.0	0.875	0.875	0.875	0.437	286	0.233	0.0	0.875	30.1	33.1	−33.5	47.1	314.6
170	B11R_100_100d	0.25	0.0	1.0	1.0	1.0	0.5	284	0.233	0.0	1.0	31.2	35.6	−39.6	53.3	311.9
171	R50Y_025_025d	0.25	0.125	0.0	0.25	0.25	0.125	60	0.25	0.125	0.0	30.0	5.6	16.9	17.8	71.4
172	R00Y_025_012d	0.25	0.125	0.125	0.25	0.125	0.187	390	0.25	0.124	0.124	31.1	7.9	5.1	9.5	32.8
173	B50R_025_012d	0.25	0.125	0.25	0.25	0.125	0.187	330	0.25	0.124	0.25	31.2	9.1	−1.0	9.1	353.3
174	B25R_037_025d	0.25	0.125	0.375	0.375	0.25	0.25	300	0.25	0.124	0.375	32.4	13.4	−6.5	14.9	333.9
175	B15R_050_037d	0.25	0.125	0.5	0.5	0.375	0.312	289	0.243	0.124	0.5	33.0	15.9	−13.2	20.7	320.2
176	B11R_062_050d	0.25	0.125	0.625	0.625	0.5	0.375	284	0.241	0.125	0.625	34.2	17.8	−19.8	26.6	311.9
177	B09R_075_062d	0.25	0.125	0.75	0.75	0.625	0.437	281	0.239	0.125	0.75	35.3	21.2	−25.6	33.2	309.5
178	B07R_087_075d	0.25	0.125	0.875	0.875	0.75	0.5	279	0.237	0.125	0.875	36.4	24.5	−31.4	39.9	307.9
179	B06R_100_087d	0.25	0.125	1.0	1.0	0.875	0.562	278	0.241	0.125	1.0	37.7	28.1	−37.0	46.5	307.1
180	Y00G_025_025d	0.25	0.25	0.0	0.25	0.25	0.125	90	0.25	0.25	0.0	35.3	−2.9	23.7	23.9	97.1
181	Y00G_025_012d	0.25	0.25	0.125	0.25	0.125	0.187	90	0.25	0.25	0.124	36.2	−1.4	11.8	11.9	97.1
182	NW_025d	0.25	0.25	0.25	0.25	0.0	0.25	360	0.25	0.25	0.25	37.1	0.0	0.0	0.0	0.0
183	B00R_037_012d	0.25	0.25	0.375	0.375	0.125	0.312	270	0.249	0.249	0.375	38.1	2.9	−5.9	6.6	296.4
184	B00R_050_025d	0.25	0.25	0.5	0.5	0.25	0.375	270	0.249	0.249	0.5	39.0	5.8	−11.8	13.2	296.4
185	B00R_062_037d	0.25	0.25	0.625	0.625	0.375	0.437	270	0.25	0.25	0.625	40.0	8.8	−17.7	19.8	296.4
186	B00R_075_050d	0.25	0.25	0.75	0.75	0.5	0.5	270	0.25	0.25	0.75	40.9	11.7	−23.6	26.4	296.4
187	B00R_087_062d	0.25	0.25	0.875	0.875	0.625	0.562	270	0.25	0.25	0.875	41.9	14.6	−29.5	33.0	296.4
188	B00R_100_075d	0.25	0.25	1.0	1.0	0.75	0.625	270	0.25	0.25	1.0	42.8	17.6	−35.5	39.6	296.4
189	Y31G_037_037d	0.25	0.375	0.0	0.375	0.375	0.187	109	0.256	0.375	0.0	41.0	−8.5	29.8	31.0	106.0
190	Y50G_037_025d	0.25	0.375	0.125	0.375	0.25	0.25	120	0.25	0.375	0.124	41.2	−7.8	16.5	18.2	115.3
191	G00B_037_012d	0.25	0.375	0.25	0.375	0.125	0.312	150	0.249	0.375	0.249	41.4	−8.6	3.5	9.2	157.7
192	G50B_037_012d	0.25	0.375	0.375	0.375	0.125	0.312	210	0.249	0.375	0.375	42.2	−3.6	−5.4	6.5	236.1
193	G75B_050_025d	0.25	0.375	0.5	0.5	0.25	0.375	240	0.249	0.375	0.5	43.4	−1.5	−11.2	11.3	262.3
194	G84B_062_037d	0.25	0.375	0.625	0.625	0.375	0.437	251	0.25	0.368	0.625	43.9	1.9	−17.2	17.3	276.3
195	G88B_075_050d	0.25	0.375	0.75	0.75	0.5	0.5	256	0.25	0.366	0.75	44.6	5.2	−23.1	23.7	282.8
196	G90B_087_062d	0.25	0.375	0.875	0.875	0.625	0.562	259	0.25	0.364	0.875	45.3	8.5	−29.1	30.4	286.2
197	G92B_100_075d	0.25	0.375	1.0	1.0	0.75	0.625	261	0.25	0.362	1.0	46.0	11.8	−35.1	37.1	288.6
198	Y50G_050_037d	0.25	0.5	0.0	0.5	0.5	0.25	120	0.25	0.5	0.0	45.2	−15.6	33.0	36.5	115.3
199	Y68G_050_037d	0.25	0.5	0.125	0.5	0.375	0.312	131	0.243	0.5	0.124	45.2	−15.8	20.1	25.6	128.2
200	G00B_050_025d	0.25	0.5	0.25	0.5	0.25	0.375	150	0.249	0.5	0.249	45.7	−17.2	7.0	18.5	157.7
201	G25B_050_025d	0.25	0.5	0.375	0.5	0.25	0.375	180	0.249	0.5	0.375	46.4	−12.7	−3.0	13.1	193.5
202	G50B_050_025d	0.25	0.5	0.5	0.5	0.25	0.375	210	0.249	0.5	0.5	47.3	−7.3	−10.9	13.1	236.1
203	G65B_062_037d	0.25	0.5	0.625	0.625	0.375	0.437	229	0.25	0.506	0.625	49.1	−6.2	−16.6	17.7	249.4
204	G75B_075_050d	0.25	0.5	0.75	0.75	0.5	0.5	240	0.25	0.5	0.75	49.6	−3.0	−22.5	22.7	262.3
205	G80B_087_062d	0.25	0.5	0.875	0.875	0.625	0.562	247	0.25	0.489	0.875	50.0	0.5	−28.4	28.4	271.0
206	G84B_100_075d	0.25	0.5	1.0	1.0	0.75	0.625	251	0.25	0.487	1.0	50.7	3.8	−34.4	34.6	276.3
207	Y61G_062_062d	0.25	0.625	0.0	0.625	0.625	0.312	127	0.239	0.625	0.0	49.8	−22.8	36.6	43.2	121.9
208	Y76G_062_050d	0.25	0.625	0.125	0.625	0.5	0.375	136	0.241	0.625	0.125	48.7	−24.4	23.3	33.8	136.2
209	G00B_062_037d	0.25	0.625	0.25	0.625	0.375	0.437	150	0.25	0.625	0.25	49.9	−25.8	10.5	27.8	157.7
210	G15B_062_037d	0.25	0.625	0.375	0.625	0.375	0.437	169	0.25	0.625	0.368	50.6	−22.3	1.4	22.3	176.3
211	G34B_062_037d	0.25	0.625	0.5	0.625	0.375	0.437	191	0.25	0.625	0.506	51.6	−15.9	−9.8	18.7	211.7
212	G50B_062_037d	0.25	0.625	0.625	0.625	0.375	0.437	210	0.25	0.625	0.625	52.3	−10.9	−16.4	19.7	236.1
213	G61B_075_050d	0.25	0.625	0.75	0.75	0.5	0.5	224	0.25	0.633	0.75	54.4	−10.2	−22.0	24.3	245.1
214	G69B_087_062d	0.25	0.625	0.875	0.875	0.625	0.562	233	0.25	0.635	0.875	55.7	−8.3	−27.8	29.0	253.2
215	G75B_100_075d	0.25	0.625	1.0	1.0	0.75	0.625	240	0.25	0.625	1.0	55.9	−4.5	−33.7	34.0	262.3
216	Y68G_075_075d	0.25	0.75	0.0	0.75	0.75	0.375	131	0.237	0.75	0.0	53.2	−31.7	40.2	51.2	128.2
217	Y81G_075_062d	0.25	0.75	0.125	0.75	0.625	0.437	139	0.239	0.75	0.125	53.2	−32.3	27.0	42.1	140.1
218	G00B_075_050d	0.25	0.75	0.25	0.75	0.5	0.5	150	0.25	0.75	0.25	54.2	−34.4	14.0	37.1	157.7
219	G11B_075_050d	0.25	0.75	0.375	0.75	0.5	0.5	164	0.25	0.75	0.366	54.8	−31.3	5.5	31.8	170.0
220	G25B_075_050d	0.25	0.75	0.5	0.75	0.5	0.5	180	0.25	0.75	0.5	55.7	−25.5	−6.1	26.2	193.5
221	G38B_075_050d	0.25	0.75	0.625	0.75	0.5	0.5	196	0.25	0.75	0.633	56.7	−19.2	−15.8	24.9	219.6
222	G50B_075_050d	0.25	0.75	0.75	0.75	0.5	0.5	210	0.25	0.75	0.75	57.4	−14.6	−21.8	26.3	236.1
223	G59B_087_062d	0.25	0.75	0.875	0.875	0.625	0.562	221	0.25	0.76	0.875	59.6	−14.0	−27.5	30.9	242.9
224	G65B_100_075d	0.25	0.75	1.0	1.0	0.75	0.625	229	0.25	0.762	1.0	61.1	−12.4	−33.2	35.5	249.4
225	Y73G_087_087d	0.25	0.875	0.0	0.875	0.875	0.437	134	0.233	0.875	0.0	56.4	−40.6	43.1	59.3	133.2
226	Y85G_087_075d	0.25	0.875	0.125	0.875	0.75	0.5	141	0.237	0.875	0.125	57.7	−40.2	30.6	50.5	142.7
227	G00B_087_062d	0.25	0.875	0.25	0.875	0.625	0.562	150	0.25	0.875	0.25	58.5	−43.0	17.5	46.4	157.7
228	G09B_087_062d	0.25	0.875	0.375	0.875	0.625	0.562	161	0.25	0.875	0.364	59.1	−40.3	9.2	41.3	167.1
229	G19B_087_062d	0.25	0.875	0.5	0.875	0.625	0.562	173	0.25	0.875	0.489	59.9	−35.4	−1.1	35.4	181.9
230	G30B_087_062d	0.25	0.875	0.625	0.875	0.625	0.562	187	0.25	0.875	0.635	60.9	−28.4	−13.3	31.4	205.1
231	G40B_087_062d	0.25	0.875	0.75	0.875	0.625	0.562	199	0.25	0.875	0.76	61.8	−22.9	−21.4	31.4	223.1
232	G50B_087_062d	0.25	0.875	0.875	0.875	0.625	0.562	210	0.25	0.875	0.875	62.5	−18.3	−27.3	32.9	236.1
233	G57B_100_075d	0.25	0.875	1.0	1.0	0.75	0.625	219	0.25	0.887	1.0	64.7	−17.9	−33.0	37.5	241.4
234	Y76G_100_100d	0.25	1.0	0.0	1.0	1.0	0.5	136	0.233	1.0	0.0	60.4	−48.8	46.7	67.6	136.2
235	Y86G_100_087d	0.25	1.0	0.125	1.0	0.875	0.562	142	0.241	1.0	0.125	62.3	−47.7	34.6	58.9	144.0
236	G00B_100_075d	0.25	1.0	0.25	1.0	0.75	0.625	150	0.25	1.0	0.25	62.8	−51.6	21.0	55.7	157.7
237	G07B_100_075d	0.25	1.0	0.375	1.0	0.75	0.625	159	0.25	1.0	0.362	63.4	−49.2	13.0	50.9	165.1
238	G15B_100_075d	0.25	1.0	0.5	1.0	0.75	0.625	169	0.25	1.0	0.487	64.1	−44.6	2.8	44.7	176.3
239	G25B_100_075d	0.25	1.0	0.625	1.0	0.75	0.625	180	0.25	1.0	0.625	65.0	−38.3	−9.2	39.4	193.5
240	G34B_100_075d	0.25	1.0	0.75	1.0	0.75	0.625	191	0.25	1.0	0.762	66.0	−31.8	−19.7	37.4	211.7
241	G42B_100_075d	0.25	1.0	0.875	1.0	0.75	0.625	201	0.25	1.0	0.887	66.9	−26.5	−27.0	37.8	225.5
242	G50B_100_075d	0.25	1.0	1.0	1.0	0.75	0.625	210	0.25	1.0	1.0	67.6	−21.9	−32.8	39.4	236.1

n	rgb*'Fd			LabCh*'Fd					DE*'Fd	hsiM,d	rgb*Md			LabCh*Md				
162	0.25	0.0	0.0	27.4	14.4	14.1	20.2	44.2	4.7	389	1.0	0.0	0.0	47.3	63.8	41.2	76.0	32.8
163	0.25	0.0	0.125	27.6	17.1	3.2	17.4	10.9	2.4	360	1.0	0.0	0.5	47.7	67.7	14.0	69.1	11.6
164	0.25	0.0	0.25	28.1	20.0	−4.9	20.6	346.0	4.3	330	1.0	0.0	1.0	48.2	72.8	−8.5	73.3	353.3
165	0.25	0.0	0.375	30.1	25.7	−10.1	27.6	338.4	5.1	311	0.683	0.0	1.0	41.9	62.2	−18.8	65.0	343.1
166	0.25	0.0	0.5	29.6	29.4	−16.7	33.9	330.3	4.8	300	0.5	0.0	1.0	37.8	53.8	−26.3	59.9	333.9
167	0.25	0.0	0.625	30.1	32.3	−23.1	39.7	324.4	4.9	292	0.383	0.0	1.0	34.0	48.0	−30.9	57.1	327.2
168	0.25	0.0	0.75	30.6	34.2	−29.0	44.9	319.7	3.8	288	0.316	0.0	1.0	32.7	42.4	−35.3	55.3	320.2
169	0.25	0.0	0.875	31.4	36.1	−34.7	50.1	316.1	3.5	284	0.266	0.0	1.0	31.8	37.8	−38.3	53.8	314.6
170	0.25	0.0	1.0	31.5	36.2	−39.2	53.4	312.7	0.8	282	0.233	0.0	1.0	31.2	35.6	−39.6	53.3	311.9
171	0.25	0.125	0.0	35.0	2.2	20.1	20.2	83.7	6.8	59	1.0	0.5	0.0	67.2	22.6	67.6	71.2	71.4
172	0.25	0.125	0.125	34.1	6.3	8.7	10.7	53.9	4.9	389	1.0	0.0	0.0	47.3	63.8	41.2	76.0	32.8
173	0.25	0.125	0.25	34.6	9.7	−3.3	10.3	341.2	4.0	330	1.0	0.0	1.0	48.2	72.8	−8.5	73.3	353.3
174	0.25	0.125	0.375	37.4	13.3	−9.0	16.1	325.8	5.5	300	0.5	0.0	1.0	37.8	53.8	−26.3	59.9	333.9
175	0.25	0.125	0.5	36.0	16.9	−15.5	23.0	317.4	3.8	288	0.316	0.0	1.0	32.7	42.4	−35.3	55.3	320.2
176	0.25	0.125	0.625	36.7	19.9	−21.4	29.2	313.0	3.6	282	0.233	0.0	1.0	31.2	35.6	−39.6	53.3	311.9
177	0.25	0.125	0.75	36.1	23.1	−27.1	35.7	310.4	2.5	279	0.183	0.0	1.0	30.3	33.9	−41.0	53.2	309.5
178	0.25	0.125	0.875	36.5	26.2	−33.4	42.5	308.1	2.6	278	0.15	0.0	1.0	29.7	32.7	−41.9	53.2	307.9
179	0.25	0.125	1.0	35.8	28.1	−38.5	47.7	306.1	2.3	277	0.133	0.0	1.0	29.4	32.1	−42.3	53.1	307.1
180	0.25	0.25	0.0	39.7	−6.0	24.4	25.1	103.8	5.3	89	1.0	1.0	0.0	88.3	−11.9	95.1	95.8	97.1
181	0.25	0.25	0.125	40.6	−3.9	12.7	13.3	107.2	5.1	89	1.0	1.0	0.0	88.3	−11.9	95.1	95.8	97.1
182	0.25	0.25	0.25	42.2	−0.5	−0.7	0.9	235.1	5.2	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
183	0.25	0.25	0.375	43.4	2.9	−7.7	8.3	291.0	5.6	270	0.0	0.0	1.0	25.3	23.5	−47.3	52.8	296.4
184	0.25	0.25	0.5	42.9	6.3	−13.9	15.3	294.3	4.4	270	0.0	0.0	1.0	25.3	23.5	−47.3	52.8	296.4
185	0.25	0.25	0.625	43.4	9.9	−19.3	21.7	297.1	3.9	270	0.0	0.0	1.0	25.3	23.5	−47.3	52.8	296.4
186	0.25	0.25	0.75	42.5	13.8	−25.3	28.9	298.6	3.1	270	0.0	0.0	1.0	25.3	23.5	−47.3	52.8	296.4
187	0.25	0.25	0.875	41.9	17.3	−31.7	36.2	298.7	3.4	270	0.0	0.0	1.0	25.3	23.5	−47.3	52.8	296.4
188	0.25	0.25	1.0	41.0	19.6	−36.5	41.4	298.1	2.8	270	0.0	0.0	1.0	25.3	23.5	−47.3	52.8	296.4
189	0.25	0.375	0.0	46.0	−12.2	31.8	34.0	111.0	6.5	108	0.683	1.0	0.0	79.8	−22.8	79.5	82.7	106.0
190	0.25	0.375	0.125	46.4	−10.8	18.5	21.5	120.3	6.3	119	0.5	1.0	0.0	72.7	−31.3	66.0	73.1	115.3
191	0.25	0.375	0.25	47.1	−8.2	5.0	9.6	148.4	5.9	149	0.0	1.0	0.0	51.9	−68.8	28.1	74.3	157.7
192	0.25	0.375	0.375	48.9	−4.6	−6.4	7.9	234.4	6.8	210	0.0	1.0	1.0	58.3	−29.2	−43.7	52.6	236.1
193	0.25	0.375	0.5	49.0	−2.0	−12.5	12.7	260.8	5.7	240	0.0	0.5	1.0	42.7	−6.0	−45.0	45.4	262.3
194	0.25	0.375	0.625	48.8	1.3	−18.3	18.4	274.2	5.1	251	0.0	0.316	1.0	35.7	5.1	−45.8	46.1	276.3
195	0.25	0.375	0.75	47.9	5.5	−24.3	24.9	282.8	3.4	257	0.0	0.233	1.0	32.7	10.5	−46.2	47.4	282.8
196	0.25	0.375	0.875	47.6	8.6	−30.2	31.4	285.9	2.5	260	0.0	0.183	1.0	30.8	13.6	−46.7	48.6	286.2
197	0.25	0.375	1.0	45.1	12.4	−35.9	38.0	289.1	1.3	262	0.0	0.15	1.0	29.5	15.8	−46.9	49.4	288.6
198	0.25	0.5	0.0	49.3	−19.6	36.6	41.5	118.1	6.7	119	0.5	1.0	0.0	72.7	−31.3	66.0	73.1	115.3
199	0.25	0.5	0.125	49.2	−18.5	23.1	29.6	128.7	5.7	131	0.316	1.0	0.0	65.1	−42.3	53.6	68.2	128.2
200	0.25	0.5	0.25	50.7	−15.5	10.3	18.6	146.4	6.1	149	0.0	1.0	0.0	51.9	−68.8	28.1	74.3	157.7
201	0.25	0.5	0.375	52.2	−11.8	−1.8	12.0	188.6	6.0	180	0.0	1.0	0.5	54.8	−51.0	−12.3	52.5	193.5
202	0.25	0.5	0.5	53.2	−8.3	−11.6	14.3	234.5	6.1	210	0.0	1.0	1.0	58.3	−29.2	−43.7	52.6	236.1
203	0.25	0.5	0.625	54.4	−6.0	−17.1	18.2	250.5	5.3	228	0.0	0.683	1.0	49.6	−16.6	−44.3	47.4	249.4
204	0.25	0.5	0.75	53.6	−2.7	−23.0	23.2	263.1	4.0	240	0.0	0.5	1.0	42.7	−6.0	−45.0	45.4	262.3
205	0.25	0.5	0.875	52.8	0.9	−29.3	29.3	271.7	2.9	247	0.0	0.383	1.0	38.2	0.8	−45.4	45.4	271.0
206	0.25	0.5	1.0	50.2	5.3	−34.6	35.0	278.7	1.5	251	0.0	0.316	1.0	35.7	5.1	−45.8	46.1	276.3
207	0.25	0.625	0.0	53.0	−26.9	40.4	48.5	123.6	6.3	127	0.383	1.0	0.0	69.1	−36.5	58.6	69.1	121.9
208	0.25	0.625	0.125	53.0	−25.5	28.1	37.9	132.1	6.4	137	0.233	1.0	0.0	60.4	−48.8	46.7	67.6	136.2
209	0.25	0.625	0.25	54.5	−22.5	15.2	27.2	145.9	7.3	149	0.0	1.0	0.0	51.9	−68.8	28.1	74.3	157.7
210	0.25	0.625	0.375	56.0	−19.1	3.7	19.4	168.7	6.7	168	0.0	1.0	0.316	53.7	−59.5	3.7	59.6	176.3
211	0.25	0.625	0.5	57.0	−15.1	−8.1	17.1	208.2	5.7	191	0.0	1.0	0.683	56.2	−42.4	−26.3	49.9	211.7
212	0.25	0.625	0.625	57.9	−11.4	−16.5	20.1	235.2	5.6	210	0.0	1.0	1.0	58.3	−29.2	−43.7	52.6	236.1
213	0.25	0.625	0.75	58.5	−9.6	−22.1	24.1	246.5	4.1	222	0.0	0.766	1.0	52.2	−20.4	−44.1	48.6	245.1
214	0.25	0.625	0.875	58.5	−6.3	−27.9	28.6	257.1	3.4	232	0.0	0.616	1.0	47.4	−13.4	−44.5	46.4	253.2
215	0.25	0.625	1.0	55.9	−3.4	−33.7	33.9	264.1	1.0	240	0.0	0.5	1.0	42.7	−6.0	−45.0	45.4	262.3
216	0.25	0.75	0.0	55.8	−33.9	43.1	54.9	128.1	4.5	131	0.316	1.0	0.0	65.1	−42.3	53.6	68.2	128.2
217	0.25	0.75	0.125	56.3	−32.3	31.6	45.2	135.5	5.5	140	0.183	1.0	0.0	59.0	−51.8	43.2	67.4	140.1
218	0.25	0.75	0.25	57.4	−29.4	20.1	35.6	145.6	8.4	149	0.0	1.0	0.0	51.9	−68.8	28.1	74.3	157.7
219	0.25	0.75	0.375	58.8	−26.2	8.7	27.7	161.5	7.1	162	0.0	1.0	0.233	53.2	−62.6	11.0	63.6	170.0
220	0.25	0.75	0.5	59.7	−22.4	−3.3	22.6	188.5	5.8	180	0.0	1.0	0.5	54.8	−51.0	−12.3	52.5	193.5
221	0.25	0.75	0.625	60.8	−18.2	−13.3	22.6	216.0	4.9	197	0.0	1.0	0.766	56.8	−38.4	−31.7	49.8	219.6
222	0.25	0.75	0.75	61.9	−14.4	−21.4	25.8	236.0	4.4	210	0.0	1.0	1.0	58.3	−29.2	−43.7	52.6	236.1
223	0.25	0.75	0.875	63.0	−13.2	−27.5	30.5	244.3	3.5	219	0.0	0.816	1.0	53.6	−22.5	−44.1	49.5	242.9
224	0.25	0.75	1.0	60.7	−9.6	−32.8	34.2	253.6	2.9	228	0.0	0.683	1.0	49.6	−16.6	−44.3	47.4	249.4
225	0.25	0.875	0.0	59.0	−41.7	45.6	61.8	132.4	3.7	135	0.266	1.0	0.0	61.9	−46.5	49.3	67.8	133.2
226	0.25	0.875	0.125	59.7	−39.8	35.0	53.0	138.6	4.8	142	0.15	1.0	0.0	58.1	−53.6	40.8	67.4	142.7
227	0.25	0.875	0.25	61.2	−36.6	24.8	44.2	145.8	10.0	149	0.0	1.0	0.0	51.9	−68.8	28.1	74.3	157.7
228	0.25	0.875	0.375	62.2	−33.7	13.3	36.3	158.3	8.3	159	0.0	1.0	0.183	52.9	−64.5	14.7	66.1	167.1
229	0.25	0.875	0.5	63.3	−29.9	1.3	30.0	177.4	6.9	172	0.0	1.0	0.383	54.1	−56.6	−1.8	56.6	181.9
230	0.25	0.875	0.625	64.1	−25.6	−10.2	27.6	201.8	5.3	187	0.0	1.0	0.616	55.7	−45.5	−21.3	50.3	205.1
231	0.25	0.875	0.75	65.2	−21.6	−19.1	28.8	221.5	4.3	200	0.0	1.0	0.816	57.1	−36.6	−34.3	50.2	223.1
232	0.25	0.875	0.875	66.0	−17.8	−26.8	32.2	236.4	3.6	210	0.0	1.0	1.0	58.3	−29.2	−43.7	52.6	236.1
233	0.25	0.875	1.0	65.2	−15.9	−32.2	36.0	243.6	2.1	217	0.0	0.85	1.0	54.5	−23.9	−44.0	50.1	241.4
234	0.25	1.0	0.0	60.8	−47.8	47.8	67.6	134.9	1.5	137	0.233	1.0	0.0	60.4	−48.8	46.7	67.6	136.2
235	0.25	1.0	0.125	61.9	−45.5	38.0	59.3	140.0	4.1	142	0.133	1.0	0.0	57.6	−54.5	39.5	67.3	144.0
236	0.25	1.0	0.25	62.9	−43.1	27.5	51.2	147.4	10.6	149	0.0	1.0	0.0	51.9	−68.8	28.1	74.3	157.7
237	0.25	1.0	0.375	63.8	−40.3	17.6	44.0	156.3	10.0	157	0.0	1.0	0.15	52.7	−65.6	17.3	67.9	165.1
238	0.25	1.0	0.5	64.5	−37.2	6.3	37.7	170.3	8.2	168	0.0	1.0	0.316	53.7	−59.5	3.7	59.6	176.3
239	0.25	1.0	0.625	65.9	−32.6	−5.2	33.1	189.1	6.9	180	0.0	1.0	0.5	54.8	−51.0	−12.3	52.5	193.5
240	0.25	1.0	0.75	67.0	−28.1	−15.8	32.3	209.4	5.4	191	0.0	1.0	0.683	56.2	−42.4	−26.3	49.9	211.7
241	0.25	1.0	0.875	67.6	−24.4	−24.2	34.4	224.8	3.5	202	0.0	1.0	0.85	57.4	−35.3	−36.0	50.4	225.5
242	0.25	1.0	1.0	68.5	−20.3	−31.3	37.3	236.9	2.3	210	0.0	1.0	1.0	58.3	−29.2	−43.7	52.6	236.1

delta $E^{*\prime}$ = 4.8

2-0032130-F0 QS140−7N, 22/33−F

gráfico TUB-QS14; código de tono: H^*_d=R50Y_d entrada: *rgb/cmyk* −> rgb_d
colores y differencia en color, $\Delta E^{*\prime}$ salida: transfiera a $cmyk_d$

2-0032130-F0

TUB matrícula: 20130201-QS14/QS14L0NP.PDF /.PS
aplicación para la medida salida en la impressión offset, separación cmyn6 (CMYK)

TUB material: code=rha4ta

http://130.149.60.45/~farbmetrik/QS14/QS14L0NP.PDF /.PS; salida de transferencia
N: ninguna 3D-linealización (OL) en archivo (F) o PS-startup (S), página 23/33

n	HIC*Fd	rgb_Fd			ict_Fd			$h_{si,F,d}$	rgb*Fd			LabCh*Fd				
243	R00Y_037_037d	0.375	0.0	0.0	0.375	0.375	0.187	390	0.375	0.0	0.0	28.8	23.9	15.4	28.5	32.8
244	R18Y_037_037d	0.375	0.0	0.125	0.375	0.375	0.187	371	0.375	0.0	0.118	28.9	24.6	9.4	26.4	20.9
245	B65R_037_037d	0.375	0.0	0.25	0.375	0.375	0.187	349	0.375	0.0	0.256	29.1	26.1	1.5	26.1	3.2
246	B50R_037_037d	0.375	0.0	0.375	0.375	0.375	0.187	330	0.375	0.0	0.375	29.1	27.3	−3.2	27.5	353.3
247	B38R_050_050d	0.375	0.0	0.5	0.5	0.5	0.25	316	0.383	0.0	0.5	30.6	33.2	−7.2	34.0	347.6
248	B30R_062_062d	0.375	0.0	0.625	0.625	0.625	0.312	307	0.385	0.0	0.625	32.1	36.5	−13.8	39.1	339.2
249	B25R_075_075d	0.375	0.0	0.75	0.75	0.75	0.375	300	0.375	0.0	0.75	32.8	40.3	−19.7	44.9	333.9
250	B20R_087_087d	0.375	0.0	0.875	0.875	0.875	0.437	295	0.364	0.0	0.875	32.9	43.5	−26.0	50.7	329.1
251	B18R_100_100d	0.375	0.0	1.0	1.0	1.0	0.5	292	0.366	0.0	1.0	33.6	46.9	−31.8	56.7	325.8
252	R31Y_037_037d	0.375	0.125	0.0	0.375	0.375	0.187	49	0.375	0.118	0.0	33.1	14.4	21.4	25.8	55.9
253	R00Y_037_025d	0.375	0.125	0.125	0.375	0.25	0.25	390	0.375	0.124	0.124	34.8	15.9	10.3	19.0	32.8
254	R00Y_037_025d	0.375	0.125	0.25	0.375	0.25	0.25	360	0.375	0.124	0.25	34.9	16.9	3.5	17.2	11.6
255	B50R_037_025d	0.375	0.125	0.375	0.375	0.25	0.25	330	0.375	0.124	0.375	35.0	18.2	−2.1	18.3	353.3
256	B34R_050_037d	0.375	0.125	0.5	0.5	0.375	0.312	311	0.381	0.124	0.5	36.5	23.3	−7.0	24.3	343.1
257	B25R_062_050d	0.375	0.125	0.625	0.625	0.5	0.375	300	0.375	0.125	0.625	37.5	26.9	−13.1	29.9	333.9
258	B19R_075_062d	0.375	0.125	0.75	0.75	0.625	0.437	293	0.364	0.125	0.75	37.6	30.0	−19.3	35.7	327.2
259	B15R_087_075d	0.375	0.125	0.875	0.875	0.75	0.5	289	0.362	0.125	0.875	38.7	31.8	−26.5	41.4	320.2
260	B13R_100_087d	0.375	0.125	1.0	1.0	0.875	0.562	286	0.358	0.125	1.0	39.8	33.1	−33.5	47.1	314.6
261	R68Y_037_037d	0.375	0.25	0.0	0.375	0.375	0.187	71	0.375	0.256	0.0	39.6	2.6	29.8	29.9	84.9
262	R50Y_037_025d	0.375	0.25	0.125	0.375	0.25	0.25	60	0.375	0.25	0.124	39.8	5.6	16.9	17.8	71.4
263	R00Y_037_012d	0.375	0.25	0.25	0.375	0.125	0.312	390	0.375	0.249	0.249	40.8	7.9	5.1	9.5	32.8
264	B50R_037_012d	0.375	0.25	0.375	0.375	0.125	0.312	330	0.375	0.249	0.375	40.9	9.1	−1.0	9.1	353.3
265	B25R_050_025d	0.375	0.25	0.5	0.5	0.25	0.375	300	0.375	0.249	0.5	42.1	13.4	−6.5	14.9	333.9
266	B15R_062_037d	0.375	0.25	0.625	0.625	0.375	0.437	289	0.368	0.25	0.625	42.7	15.9	−13.2	20.7	320.2
267	B11R_075_050d	0.375	0.25	0.75	0.75	0.5	0.5	284	0.366	0.25	0.75	43.9	17.8	−19.8	26.6	311.9
268	B09R_087_062d	0.375	0.25	0.875	0.875	0.625	0.562	281	0.364	0.25	0.875	45.0	21.2	−25.6	33.2	309.5
269	B07R_100_075d	0.375	0.25	1.0	1.0	0.75	0.625	279	0.362	0.25	1.0	46.2	24.5	−31.4	39.9	307.9
270	Y00G_037_037d	0.375	0.375	0.0	0.375	0.375	0.187	90	0.375	0.375	0.0	44.2	−4.4	35.6	35.9	97.1
271	Y00G_037_025d	0.375	0.375	0.125	0.375	0.25	0.25	90	0.375	0.375	0.124	45.0	−2.9	23.7	23.9	97.1
272	Y00G_037_012d	0.375	0.375	0.25	0.375	0.125	0.312	90	0.375	0.375	0.249	45.9	−1.4	11.8	11.9	97.1
273	NW_037d	0.375	0.375	0.375	0.375	0.0	0.375	360	0.375	0.375	0.375	46.8	0.0	0.0	0.0	0.0
274	B00R_050_012d	0.375	0.375	0.5	0.5	0.125	0.437	270	0.375	0.375	0.5	47.8	2.9	−5.9	6.6	296.4
275	B00R_062_025d	0.375	0.375	0.625	0.625	0.25	0.5	270	0.375	0.375	0.625	48.7	5.8	−11.8	13.2	296.4
276	B00R_075_037d	0.375	0.375	0.75	0.75	0.375	0.562	270	0.375	0.375	0.75	49.7	8.8	−17.7	19.8	296.4
277	B00R_087_050d	0.375	0.375	0.875	0.875	0.5	0.625	270	0.375	0.375	0.875	50.6	11.7	−23.6	26.4	296.4
278	B00R_100_062d	0.375	0.375	1.0	1.0	0.625	0.687	270	0.375	0.375	1.0	51.6	14.6	−29.5	33.0	296.4
279	Y23G_050_050d	0.375	0.5	0.0	0.5	0.5	0.25	104	0.383	0.5	0.0	50.5	−9.6	41.8	42.9	102.9
280	Y31G_050_037d	0.375	0.5	0.125	0.5	0.375	0.312	109	0.381	0.5	0.124	50.7	−8.5	29.8	31.0	106.0
281	Y50G_050_025d	0.375	0.5	0.25	0.5	0.25	0.375	120	0.375	0.5	0.249	50.9	−7.8	16.5	18.2	115.3
282	G00B_050_012d	0.375	0.5	0.375	0.5	0.125	0.437	150	0.375	0.5	0.375	51.1	−8.6	3.5	9.2	157.7
283	G50B_050_012d	0.375	0.5	0.5	0.5	0.125	0.437	210	0.375	0.5	0.5	51.9	−3.6	−5.4	6.5	236.1
284	G75B_062_025d	0.375	0.5	0.625	0.625	0.25	0.5	240	0.375	0.5	0.625	53.1	−1.5	−11.2	11.3	262.3
285	G84B_075_037d	0.375	0.5	0.75	0.75	0.375	0.562	251	0.375	0.493	0.75	53.6	1.9	−17.2	17.3	276.3
286	G88B_087_050d	0.375	0.5	0.875	0.875	0.5	0.625	256	0.375	0.491	0.875	54.3	5.2	−23.1	23.7	282.8
287	G90B_100_062d	0.375	0.5	1.0	1.0	0.625	0.687	259	0.375	0.489	1.0	55.0	8.5	−29.1	30.4	286.2
288	Y38G_062_062d	0.375	0.625	0.0	0.625	0.625	0.312	113	0.385	0.625	0.0	54.6	−16.0	47.3	49.9	108.7
289	Y50G_062_050d	0.375	0.625	0.125	0.625	0.5	0.375	120	0.375	0.625	0.125	54.9	−15.6	33.0	36.5	115.3
290	Y68G_062_037d	0.375	0.625	0.25	0.625	0.375	0.437	131	0.368	0.625	0.25	54.9	−15.8	20.1	25.6	128.2
291	G00B_062_025d	0.375	0.625	0.375	0.625	0.25	0.5	150	0.375	0.625	0.375	55.4	−17.2	7.0	18.5	157.7
292	G25B_062_025d	0.375	0.625	0.5	0.625	0.25	0.5	180	0.375	0.625	0.5	56.1	−12.7	−3.0	13.1	193.5
293	G50B_062_025d	0.375	0.625	0.625	0.625	0.25	0.5	210	0.375	0.625	0.625	57.0	−7.3	−10.9	13.1	236.1
294	G65B_075_037d	0.375	0.625	0.75	0.75	0.375	0.562	229	0.375	0.631	0.75	58.8	−6.2	−16.6	17.7	249.4
295	G75B_087_050d	0.375	0.625	0.875	0.875	0.5	0.625	240	0.375	0.625	0.875	59.4	−3.0	−22.5	22.7	262.3
296	G80B_100_062d	0.375	0.625	1.0	1.0	0.625	0.687	247	0.375	0.614	1.0	59.7	0.5	−28.4	28.4	271.0
297	Y50G_075_075d	0.375	0.75	0.0	0.75	0.75	0.375	120	0.375	0.75	0.0	59.0	−23.5	49.5	54.8	115.3
298	Y61G_075_062d	0.375	0.75	0.125	0.75	0.625	0.437	127	0.364	0.75	0.125	59.5	−22.8	36.6	43.2	121.9
299	Y76G_075_050d	0.375	0.75	0.25	0.75	0.5	0.5	136	0.366	0.75	0.25	58.5	−24.4	23.3	33.8	136.2
300	G00B_075_037d	0.375	0.75	0.375	0.75	0.375	0.562	150	0.375	0.75	0.375	59.7	−25.8	10.5	27.8	157.7
301	G15B_075_037d	0.375	0.75	0.5	0.75	0.375	0.562	169	0.375	0.75	0.493	60.3	−22.3	1.4	22.3	176.3
302	G34B_075_037d	0.375	0.75	0.625	0.75	0.375	0.562	191	0.375	0.75	0.631	61.3	−15.9	−9.8	18.7	211.7
303	G50B_075_037d	0.375	0.75	0.75	0.75	0.375	0.562	210	0.375	0.75	0.75	62.1	−10.9	−16.4	19.7	236.1
304	G61B_087_050d	0.375	0.75	0.875	0.875	0.5	0.625	224	0.375	0.758	0.875	64.1	−10.2	−22.0	24.3	245.1
305	G69B_100_062d	0.375	0.75	1.0	1.0	0.625	0.687	233	0.375	0.76	1.0	65.4	−8.3	−27.8	29.0	253.2
306	Y58G_087_087d	0.375	0.875	0.0	0.875	0.875	0.437	125	0.364	0.875	0.0	63.6	−30.8	53.2	61.4	120.0
307	Y68G_087_075d	0.375	0.875	0.125	0.875	0.75	0.5	131	0.362	0.875	0.125	63.0	−31.7	40.2	51.2	128.2
308	Y81G_087_062d	0.375	0.875	0.25	0.875	0.625	0.562	139	0.364	0.875	0.25	62.9	−32.3	27.0	42.1	140.1
309	G00B_087_050d	0.375	0.875	0.375	0.875	0.5	0.625	150	0.375	0.875	0.375	63.9	−34.4	14.0	37.1	157.7
310	G11B_087_050d	0.375	0.875	0.5	0.875	0.5	0.625	164	0.375	0.875	0.491	64.6	−31.3	5.5	31.8	170.0
311	G25B_087_050d	0.375	0.875	0.625	0.875	0.5	0.625	180	0.375	0.875	0.625	65.4	−25.5	−6.1	26.2	193.5
312	G38B_087_050d	0.375	0.875	0.75	0.875	0.5	0.625	196	0.375	0.875	0.758	66.4	−19.2	−15.8	24.9	219.6
313	G50B_087_050d	0.375	0.875	0.875	0.875	0.5	0.625	210	0.375	0.875	0.875	67.1	−14.6	−21.8	26.3	236.1
314	G59B_100_062d	0.375	0.875	1.0	1.0	0.625	0.687	221	0.375	0.885	1.0	69.3	−14.0	−27.5	30.9	242.9
315	Y63G_100_100d	0.375	1.0	0.0	1.0	1.0	0.5	128	0.366	1.0	0.0	68.3	−37.7	57.4	68.7	123.2
316	Y73G_100_087d	0.375	1.0	0.125	1.0	0.875	0.562	134	0.358	1.0	0.125	66.1	−40.6	43.1	59.3	133.2
317	Y85G_100_075d	0.375	1.0	0.25	1.0	0.75	0.625	141	0.362	1.0	0.25	67.4	−40.2	30.6	50.5	142.7
318	G00B_100_062d	0.375	1.0	0.375	1.0	0.625	0.687	150	0.375	1.0	0.375	68.2	−43.0	17.5	46.4	157.7
319	G09B_100_062d	0.375	1.0	0.5	1.0	0.625	0.687	161	0.375	1.0	0.489	68.8	−40.3	9.2	41.3	167.1
320	G19B_100_062d	0.375	1.0	0.625	1.0	0.625	0.687	173	0.375	1.0	0.614	69.6	−35.4	−1.1	35.4	181.9
321	G30B_100_062d	0.375	1.0	0.75	1.0	0.625	0.687	187	0.375	1.0	0.76	70.6	−28.4	−13.3	31.4	205.1
322	G40B_100_062d	0.375	1.0	0.875	1.0	0.625	0.687	199	0.375	1.0	0.885	71.5	−22.9	−21.4	31.4	223.1
323	G50B_100_062d	0.375	1.0	1.0	1.0	0.625	0.687	210	0.375	1.0	1.0	72.2	−18.3	−27.3	32.9	236.1

n	rgb*'Fd			LabCh*'Fd					DE*'Fd	$h_{siM,d}$	rgb*Md			LabCh*Md				
243	0.375	0.0	0.0	30.3	25.2	19.8	32.0	38.1	4.7	389	1.0	0.0	0.0	47.3	63.8	41.2	76.0	32.8
244	0.375	0.0	0.125	31.0	26.7	10.6	28.7	21.7	3.1	371	1.0	0.0	0.316	47.7	65.7	25.1	70.4	20.9
245	0.375	0.0	0.25	31.0	29.6	0.6	29.6	1.1	4.0	348	1.0	0.0	0.683	48.1	69.7	4.0	69.8	3.2
246	0.375	0.0	0.375	31.3	31.6	−6.1	32.2	348.9	5.6	330	1.0	0.0	1.0	48.2	72.8	−8.5	73.3	353.3
247	0.375	0.0	0.5	31.9	37.4	−10.7	38.9	343.9	5.6	317	0.766	0.0	1.0	43.5	66.4	−14.5	68.0	347.6
248	0.375	0.0	0.625	33.4	41.7	−15.9	44.6	339.1	5.7	307	0.616	0.0	1.0	40.7	58.5	−22.1	62.5	339.2
249	0.375	0.0	0.75	33.3	44.0	−22.0	49.2	333.4	4.3	300	0.5	0.0	1.0	37.8	53.8	−26.3	59.9	333.9
250	0.375	0.0	0.875	33.7	46.7	−27.5	54.2	329.5	3.5	294	0.416	0.0	1.0	35.1	49.7	−29.7	57.9	329.1
251	0.375	0.0	1.0	33.8	47.6	−31.2	56.9	326.7	0.9	291	0.366	0.0	1.0	33.6	46.9	−31.8	56.7	325.8
252	0.375	0.125	0.0	37.3	11.8	25.7	28.3	65.2	6.5	48	1.0	0.316	0.0	58.9	38.6	57.1	69.0	55.9
253	0.375	0.125	0.125	37.4	14.4	14.9	20.7	46.0	5.5	389	1.0	0.0	0.0	47.3	63.8	41.2	76.0	32.8
254	0.375	0.125	0.25	37.9	17.0	3.4	17.3	11.5	3.0	360	1.0	0.0	0.5	47.7	67.7	14.0	69.1	11.6
255	0.375	0.125	0.375	38.8	19.4	−5.1	20.1	345.2	4.9	330	1.0	0.0	1.0	48.2	72.8	−8.5	73.3	353.3
256	0.375	0.125	0.5	38.9	25.0	−9.8	26.9	338.4	4.0	311	0.683	0.0	1.0	41.9	62.2	−18.8	65.0	343.1
257	0.375	0.125	0.625	39.7	28.4	−15.0	32.1	332.0	3.2	300	0.5	0.0	1.0	37.8	53.8	−26.3	59.9	333.9
258	0.375	0.125	0.75	39.3	32.4	−21.0	38.7	327.0	3.4	292	0.383	0.0	1.0	34.0	48.0	−30.9	57.1	327.2
259	0.375	0.125	0.875	39.2	36.7	−26.3	45.1	324.3	4.8	288	0.316	0.0	1.0	32.7	42.4	−35.3	55.3	320.2
260	0.375	0.125	1.0	38.5	38.5	−30.9	49.4	321.2	6.2	284	0.266	0.0	1.0	31.8	37.8	−38.3	53.8	314.6
261	0.375	0.25	0.0	45.8	0.0	33.2	33.2	90.1	7.5	71	1.0	0.683	0.0	76.2	7.0	79.5	79.8	84.9
262	0.375	0.25	0.125	46.1	2.9	20.2	20.4	81.6	7.6	59	1.0	0.5	0.0	67.2	22.6	67.6	71.2	71.4
263	0.375	0.25	0.25	46.9	5.9	7.8	9.8	52.4	6.9	389	1.0	0.0	0.0	47.3	63.8	41.2	76.0	32.8
264	0.375	0.25	0.375	47.6	9.0	−3.1	9.5	340.5	6.9	330	1.0	0.0	1.0	48.2	72.8	−8.5	73.3	353.3
265	0.375	0.25	0.5	47.5	13.3	−8.5	15.8	327.2	5.7	300	0.5	0.0	1.0	37.8	53.8	−26.3	59.9	333.9
266	0.375	0.25	0.625	47.5	17.0	−14.2	22.2	320.1	4.9	288	0.316	0.0	1.0	32.7	42.4	−35.3	55.3	320.2
267	0.375	0.25	0.75	46.6	21.4	−19.6	29.1	317.5	4.5	282	0.233	0.0	1.0	31.2	35.6	−39.6	53.3	311.9
268	0.375	0.25	0.875	46.4	26.1	−24.8	36.0	316.4	5.1	279	0.183	0.0	1.0	30.3	33.9	−41.0	53.2	309.5
269	0.375	0.25	1.0	44.9	28.5	−29.3	40.9	314.1	4.6	278	0.15	0.0	1.0	29.7	32.7	−41.9	53.2	307.9
270	0.375	0.375	0.0	51.2	−7.8	37.9	38.7	101.6	8.1	89	1.0	1.0	0.0	88.3	−11.9	95.1	95.8	97.1
271	0.375	0.375	0.125	52.2	−6.1	24.5	25.2	104.0	7.8	89	1.0	1.0	0.0	88.3	−11.9	95.1	95.8	97.1
272	0.375	0.375	0.25	53.2	−3.5	11.1	11.7	107.7	7.5	89	1.0	1.0	0.0	88.3	−11.9	95.1	95.8	97.1
273	0.375	0.375	0.375	55.0	−0.4	−0.6	0.7	234.3	8.2	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
274	0.375	0.375	0.5	54.3	3.8	−6.8	7.8	299.3	6.6	270	0.0	0.0	1.0	25.3	23.5	−47.3	52.8	296.4
275	0.375	0.375	0.625	54.1	7.4	−12.4	14.5	300.9	5.6	270	0.0	0.0	1.0	25.3	23.5	−47.3	52.8	296.4
276	0.375	0.375	0.75	53.0	12.0	−18.0	21.6	303.6	4.6	270	0.0	0.0	1.0	25.3	23.5	−47.3	52.8	296.4
277	0.375	0.375	0.875	52.8	16.1	−23.1	28.2	305.0	4.9	270	0.0	0.0	1.0	25.3	23.5	−47.3	52.8	296.4
278	0.375	0.375	1.0	50.6	20.1	−27.9	34.4	305.8	5.8	270	0.0	0.0	1.0	25.3	23.5	−47.3	52.8	296.4
279	0.375	0.5	0.0	56.3	−13.1	45.9	47.8	106.0	7.9	102	0.766	1.0	0.0	83.3	−19.2	83.7	85.9	102.9
280	0.375	0.5	0.125	56.6	−11.8	31.7	33.8	110.4	7.0	108	0.683	1.0	0.0	79.8	−22.8	79.5	82.7	106.0
281	0.375	0.5	0.25	57.5	−9.7	17.0	19.6	119.8	6.9	119	0.5	1.0	0.0	72.7	−31.3	66.0	73.1	115.3
282	0.375	0.5	0.375	58.7	−6.9	4.9	8.5	144.3	7.9	149	0.0	1.0	0.0	51.9	−68.8	28.1	74.3	157.7
283	0.375	0.5	0.5	59.5	−3.8	−5.3	6.5	234.2	7.5	210	0.0	1.0	1.0	58.3	−29.2	−43.7	52.6	236.1
284	0.375	0.5	0.625	60.2	−0.6	−11.1	11.1	266.4	7.1	240	0.0	0.5	1.0	42.7	−6.0	−45.0	45.4	262.3
285	0.375	0.5	0.75	59.2	3.4	−16.6	17.0	281.6	5.8	251	0.0	0.316	1.0	35.7	5.1	−45.8	46.1	276.3
286	0.375	0.5	0.875	59.3	7.4	−21.7	23.0	288.9	5.5	257	0.0	0.233	1.0	32.7	10.5	−46.2	47.4	282.8
287	0.375	0.5	1.0	55.9	13.0	−26.9	29.9	295.8	5.1	260	0.0	0.183	1.0	30.8	13.6	−46.7	48.6	286.2
288	0.375	0.625	0.0	60.4	−18.5	50.6	53.8	110.0	7.0	112	0.616	1.0	0.0	76.8	−25.7	75.6	79.9	108.7
289	0.375	0.625	0.125	60.6	−17.7	36.4	40.5	115.9	6.9	119	0.5	1.0	0.0	72.7	−31.3	66.0	73.1	115.3
290	0.375	0.625	0.25	60.9	−16.0	21.8	27.0	126.2	6.2	131	0.316	1.0	0.0	65.1	−42.3	53.6	68.2	128.2
291	0.375	0.625	0.375	62.5	−13.0	10.0	16.4	142.5	8.7	149	0.0	1.0	0.0	51.9	−68.8	28.1	74.3	157.7
292	0.375	0.625	0.5	63.7	−10.0	−0.6	10.0	183.8	8.3	180	0.0	1.0	0.5	54.8	−51.0	−12.3	52.5	193.5
293	0.375	0.625	0.625	64.4	−6.8	−9.7	11.9	235.0	7.5	210	0.0	1.0	1.0	58.3	−29.2	−43.7	52.6	236.1
294	0.375	0.625	0.75	65.1	−4.4	−15.3	15.9	253.7	6.6	228	0.0	0.683	1.0	49.6	−16.6	−44.3	47.4	249.4
295	0.375	0.625	0.875	64.5	0.0	−20.6	20.6	270.0	6.2	240	0.0	0.5	1.0	42.7	−6.0	−45.0	45.4	262.3
296	0.375	0.625	1.0	62.2	3.9	−25.6	25.9	278.6	5.0	247	0.0	0.383	1.0	38.2	0.8	−45.4	45.4	271.0
297	0.375	0.75	0.0	63.2	−24.9	53.5	59.0	115.0	6.0	119	0.5	1.0	0.0	72.7	−31.3	66.0	73.1	115.3
298	0.375	0.75	0.125	63.3	−24.2	39.4	46.3	121.6	4.8	127	0.383	1.0	0.0	69.1	−36.5	58.6	69.1	121.9
299	0.375	0.75	0.25	64.3	−22.1	26.6	34.6	129.7	7.0	137	0.233	1.0	0.0	60.4	−48.8	46.7	67.6	136.2
300	0.375	0.75	0.375	65.4	−19.1	14.2	23.8	143.4	9.5	149	0.0	1.0	0.0	51.9	−68.8	28.1	74.3	157.7
301	0.375	0.75	0.5	66.4	−16.3	3.8	16.8	166.6	8.8	168	0.0	1.0	0.316	53.7	−59.5	3.7	59.6	176.3
302	0.375	0.75	0.625	67.6	−12.9	−6.4	14.4	206.5	7.7	191	0.0	1.0	0.683	56.2	−42.4	−26.3	49.9	211.7
303	0.375	0.75	0.75	68.5	−9.7	−14.3	17.3	235.6	6.9	210	0.0	1.0	1.0	58.3	−29.2	−43.7	52.6	236.1
304	0.375	0.75	0.875	69.8	−7.4	−19.6	20.9	249.2	6.7	222	0.0	0.766	1.0	52.2	−20.4	−44.1	48.6	245.1
305	0.375	0.75	1.0	67.3	−3.3	−24.7	24.9	262.3	6.2	232	0.0	0.616	1.0	47.4	−13.4	−44.5	46.4	253.2
306	0.375	0.875	0.0	66.2	−31.9	56.0	64.5	119.6	4.0	125	0.416	1.0	0.0	70.2	−35.2	60.8	70.2	120.0
307	0.375	0.875	0.125	67.1	−30.2	43.1	52.7	125.0	5.3	131	0.316	1.0	0.0	65.1	−42.3	53.6	68.2	128.2
308	0.375	0.875	0.25	68.0	−28.2	31.4	42.2	131.9	7.9	140	0.183	1.0	0.0	59.0	−51.8	43.2	67.4	140.1
309	0.375	0.875	0.375	69.3	−25.1	19.2	31.6	142.6	11.8	149	0.0	1.0	0.0	51.9	−68.8	28.1	74.3	157.7
310	0.375	0.875	0.5	70.1	−22.6	8.2	24.1	159.8	10.6	162	0.0	1.0	0.233	53.2	−62.6	11.0	63.6	170.0
311	0.375	0.875	0.625	71.3	−19.2	−2.1	19.4	186.2	9.4	180	0.0	1.0	0.5	54.8	−51.0	−12.3	52.5	193.5
312	0.375	0.875	0.75	72.4	−15.8	−11.2	19.4	215.4	8.3	197	0.0	1.0	0.766	56.8	−38.4	−31.7	49.8	219.6
313	0.375	0.875	0.875	73.4	−12.5	−18.6	22.4	235.9	7.3	210	0.0	1.0	1.0	58.3	−29.2	−43.7	52.6	236.1
314	0.375	0.875	1.0	72.0	−9.9	−23.9	25.9	247.3	6.1	219	0.0	0.816	1.0	53.6	−22.5	−44.1	49.5	242.9
315	0.375	1.0	0.0	68.9	−36.9	58.1	68.8	122.4	1.1	128	0.366	1.0	0.0	68.3	−37.7	57.4	68.7	123.2
316	0.375	1.0	0.125	69.1	−36.1	45.5	58.1	128.3	5.9	135	0.266	1.0	0.0	61.9	−46.5	49.3	67.8	133.2
317	0.375	1.0	0.25	70.0	−33.9	33.9	48.0	134.9	7.5	142	0.15	1.0	0.0	58.1	−53.6	40.8	67.4	142.7
318	0.375	1.0	0.375	71.3	−30.9	23.0	38.5	143.2	13.6	149	0.0	1.0	0.0	51.9	−68.8	28.1	74.3	157.7
319	0.375	1.0	0.5	72.2	−28.4	12.4	31.0	156.2	12.8	159	0.0	1.0	0.183	52.9	−64.5	14.7	66.1	167.1
320	0.375	1.0	0.625	73.0	−25.2	2.2	25.3	175.0	11.2	172	0.0	1.0	0.383	54.1	−56.6	−1.8	56.6	181.9
321	0.375	1.0	0.75	74.4	−21.4	−8.1	22.9	200.6	9.5	187	0.0	1.0	0.616	55.7	−45.5	−21.3	50.3	205.1
322	0.375	1.0	0.875	75.3	−18.2	−16.2	24.4	221.6	8.0	200	0.0	1.0	0.816	57.1	−36.6	−34.3	50.2	223.1
323	0.375	1.0	1.0	76.0	−15.1	−23.0	27.6	236.7	6.5	210	0.0	1.0	1.0	58.3	−29.2	−43.7	52.6	236.1

delta $E^{*\prime}$ = 6.5

2−0032230−F0

QS140−7N, 23/33−F

gráfico TUB-QS14; código de tono: H^*_d=R50Y_d
colores y differencia en color, $\Delta E^{*\prime}$

entrada: *rgb/cmyk* −> rgb_d
salida: transfiera a $cmyk_d$

vea archivos semejantes: http://130.149.60.45/~farbmetrik/QS14/QS14.HTM
información técnica: http://www.ps.bam.de o http://130.149.60.45/~farbmetrik

2−0032230−F0

http://130.149.60.45/~farbmetrik/QS14/QS14L0NP.PDF /.PS; salida de transferencia
N: ninguna 3D-linealización (OL) en archivo (F) o PS-startup (S), página 24/33

n	HIC*Fd	rgb_Fd			ict_Fd			hsi_F,d	rgb*Fd			LabCh*Fd					rgb*'Fd			LabCh*'Fd					DE*'Fd	hsiM,d	rgb*Md			LabCh*Md				
324	R00Y_050_050d	0.5	0.0	0.0	0.5	0.5	0.25	390	0.5	0.0	0.0	32.5	31.9	20.6	38.0	32.8	0.5	0.0	0.0	34.1	34.6	23.9	42.1	34.6	4.5	389	1.0	0.0	0.0	47.3	63.8	41.2	76.0	32.8
325	R26Y_050_050d	0.5	0.0	0.125	0.5	0.5	0.25	376	0.5	0.0	0.116	32.7	32.5	14.8	35.7	24.5	0.5	0.0	0.125	34.5	35.7	15.9	39.1	24.0	3.8	377	1.0	0.0	0.233	47.6	65.0	29.7	71.5	24.5
326	R00Y_050_050d	0.5	0.0	0.25	0.5	0.5	0.25	360	0.5	0.0	0.25	32.7	33.8	7.0	34.5	11.6	0.5	0.0	0.25	34.6	38.0	6.0	38.5	8.9	4.7	360	1.0	0.0	0.5	47.7	67.7	14.0	69.1	11.6
327	B61R_050_050d	0.5	0.0	0.375	0.5	0.5	0.25	344	0.5	0.0	0.383	32.9	35.3	−0.1	35.3	359.8	0.5	0.0	0.375	34.9	40.2	−2.2	40.3	356.8	5.6	342	1.0	0.0	0.766	48.1	70.6	−0.2	70.6	359.8
328	B50R_050_050d	0.5	0.0	0.5	0.5	0.5	0.25	330	0.5	0.0	0.5	32.9	36.4	−4.2	36.6	353.3	0.5	0.0	0.5	35.0	42.0	−7.8	42.7	349.4	6.9	330	1.0	0.0	1.0	48.2	72.8	−8.5	73.3	353.3
329	B40R_062_062d	0.5	0.0	0.625	0.625	0.625	0.312	319	0.51	0.0	0.625	34.5	42.4	−8.3	43.2	348.8	0.5	0.0	0.625	36.5	46.7	−12.2	48.3	345.3	6.1	320	0.816	0.0	1.0	44.6	67.8	−13.3	69.1	348.8
330	B34R_075_075d	0.5	0.0	0.75	0.75	0.75	0.375	311	0.512	0.0	0.75	35.9	46.6	−14.1	48.7	343.1	0.5	0.0	0.75	37.5	50.6	−16.6	53.2	341.7	4.9	311	0.683	0.0	1.0	41.9	62.2	−18.8	65.0	343.1
331	B29R_087_087d	0.5	0.0	0.875	0.875	0.875	0.437	305	0.51	0.0	0.875	37.1	50.0	−20.5	54.1	337.7	0.5	0.0	0.875	38.1	53.6	−21.9	57.9	337.7	3.9	305	0.583	0.0	1.0	39.9	57.2	−23.4	61.8	337.7
332	B25R_100_100d	0.5	0.0	1.0	1.0	1.0	0.5	300	0.5	0.0	1.0	37.8	53.8	−26.3	59.9	333.9	0.5	0.0	1.0	37.8	53.8	−26.3	59.9	333.9	0.0	300	0.5	0.0	1.0	37.8	53.8	−26.3	59.9	333.9
333	R23Y_050_050d	0.5	0.125	0.0	0.5	0.5	0.25	44	0.5	0.116	0.0	36.5	22.9	26.1	34.7	48.7	0.5	0.125	0.0	40.6	21.7	30.8	37.7	54.8	6.3	42	1.0	0.233	0.0	55.3	45.8	52.2	69.5	48.7
334	R00Y_050_037d	0.5	0.125	0.125	0.5	0.375	0.312	390	0.5	0.124	0.124	38.5	23.9	15.4	28.5	32.8	0.5	0.125	0.125	40.8	23.4	21.1	31.5	42.1	6.1	389	1.0	0.0	0.0	47.3	63.8	41.2	76.0	32.8
335	R18Y_050_037d	0.5	0.125	0.25	0.5	0.375	0.312	371	0.5	0.124	0.243	38.6	24.6	9.4	26.4	20.9	0.5	0.125	0.25	41.4	25.1	10.4	27.2	22.5	3.0	371	1.0	0.0	0.316	47.7	65.7	25.1	70.4	20.9
336	B65R_050_037d	0.5	0.125	0.375	0.5	0.375	0.312	349	0.5	0.124	0.381	38.8	26.1	1.5	26.1	3.2	0.5	0.125	0.375	41.9	27.5	−0.1	27.5	359.7	3.7	348	1.0	0.0	0.683	48.1	69.7	4.0	69.8	3.2
337	B50R_050_037d	0.5	0.125	0.5	0.5	0.375	0.312	330	0.5	0.124	0.5	38.8	27.3	−3.2	27.5	353.3	0.5	0.125	0.5	42.4	29.4	−6.8	30.2	346.8	5.5	330	1.0	0.0	1.0	48.2	72.8	−8.5	73.3	353.3
338	B38R_062_050d	0.5	0.125	0.625	0.625	0.5	0.375	316	0.508	0.125	0.625	40.3	33.2	−7.2	34.0	347.6	0.5	0.125	0.625	44.1	33.5	−10.8	35.3	342.0	5.2	317	0.766	0.0	1.0	43.5	66.4	−14.5	68.0	347.6
339	B30R_075_062d	0.5	0.125	0.75	0.75	0.625	0.437	307	0.51	0.125	0.75	41.8	36.5	−13.8	39.1	339.2	0.5	0.125	0.75	44.3	37.8	−15.6	41.0	337.5	3.3	307	0.616	0.0	1.0	40.7	58.5	−22.1	62.5	339.2
340	B25R_087_075d	0.5	0.125	0.875	0.875	0.75	0.5	300	0.5	0.125	0.875	42.5	40.3	−19.7	44.9	333.9	0.5	0.125	0.875	43.3	41.6	−21.8	47.0	332.3	2.6	300	0.5	0.0	1.0	37.8	53.8	−26.3	59.9	333.9
341	B20R_100_087d	0.5	0.125	1.0	1.0	0.875	0.562	295	0.489	0.125	1.0	42.7	43.5	−26.0	50.7	329.1	0.5	0.125	1.0	42.6	43.1	−26.7	50.7	328.1	0.8	294	0.416	0.0	1.0	35.1	49.7	−29.7	57.9	329.1
342	R50Y_050_050d	0.5	0.25	0.0	0.5	0.5	0.25	60	0.5	0.25	0.0	42.4	11.3	33.8	35.6	71.4	0.5	0.25	0.0	48.0	7.3	38.6	39.3	79.2	8.3	59	1.0	0.5	0.0	67.2	22.6	67.6	71.2	71.4
343	R31Y_050_037d	0.5	0.25	0.125	0.5	0.375	0.312	49	0.5	0.243	0.124	42.8	14.4	21.4	25.8	55.9	0.5	0.25	0.125	47.5	9.9	26.2	28.1	69.3	8.1	48	1.0	0.316	0.0	58.9	38.6	57.1	69.0	55.9
344	R00Y_050_025d	0.5	0.25	0.25	0.5	0.25	0.375	390	0.5	0.249	0.249	44.5	15.9	10.3	19.0	32.8	0.5	0.25	0.25	48.2	12.4	14.0	18.7	48.6	6.3	389	1.0	0.0	0.0	47.3	63.8	41.2	76.0	32.8
345	R00Y_050_025d	0.5	0.25	0.375	0.5	0.25	0.375	360	0.5	0.249	0.375	44.6	16.9	3.5	17.2	11.6	0.5	0.25	0.375	49.1	14.6	3.5	15.0	13.4	4.9	360	1.0	0.0	0.5	47.7	67.7	14.0	69.1	11.6
346	B50R_050_025d	0.5	0.25	0.5	0.5	0.25	0.375	330	0.5	0.249	0.5	44.7	18.2	−2.1	18.3	353.3	0.5	0.25	0.5	49.8	16.9	−5.0	17.7	343.5	5.9	330	1.0	0.0	1.0	48.2	72.8	−8.5	73.3	353.3
347	B34R_062_037d	0.5	0.25	0.625	0.625	0.375	0.437	311	0.506	0.25	0.625	46.2	23.3	−7.0	24.3	343.1	0.5	0.25	0.625	50.9	21.5	−9.4	23.5	336.2	5.5	311	0.683	0.0	1.0	41.9	62.2	−18.8	65.0	343.1
348	B25R_075_050d	0.5	0.25	0.75	0.75	0.5	0.5	300	0.5	0.25	0.75	47.2	26.9	−13.1	29.9	333.9	0.5	0.25	0.75	50.4	26.0	−14.8	29.9	330.3	3.7	300	0.5	0.0	1.0	37.8	53.8	−26.3	59.9	333.9
349	B19R_087_062d	0.5	0.25	0.875	0.875	0.625	0.562	293	0.489	0.25	0.875	47.3	30.0	−19.3	35.7	327.2	0.5	0.25	0.875	50.0	29.2	−20.8	35.8	324.5	3.1	292	0.383	0.0	1.0	34.0	48.0	−30.9	57.1	327.2
350	B15R_100_075d	0.5	0.25	1.0	1.0	0.75	0.625	289	0.487	0.25	1.0	48.4	31.8	−26.5	41.4	320.2	0.5	0.25	1.0	48.4	32.1	−25.6	41.0	321.4	0.9	288	0.316	0.0	1.0	32.7	42.4	−35.3	55.3	320.2
351	R76Y_050_050d	0.5	0.375	0.0	0.5	0.5	0.25	76	0.5	0.383	0.0	48.8	0.5	41.9	41.9	89.2	0.5	0.375	0.0	53.9	−2.5	45.0	45.1	93.2	6.7	77	1.0	0.766	0.0	79.9	1.0	83.9	83.9	89.2
352	R68Y_050_037d	0.5	0.375	0.125	0.5	0.375	0.312	71	0.5	0.381	0.124	49.3	2.6	29.8	29.9	84.9	0.5	0.375	0.125	54.4	−0.6	31.7	31.7	91.2	6.3	71	1.0	0.683	0.0	76.2	7.0	79.5	79.8	84.9
353	R50Y_050_025d	0.5	0.375	0.25	0.5	0.25	0.375	60	0.5	0.375	0.249	49.5	5.6	16.9	17.8	71.4	0.5	0.375	0.25	54.9	2.1	18.2	18.3	83.1	6.6	59	1.0	0.5	0.0	67.2	22.6	67.6	71.2	71.4
354	R00Y_050_012d	0.5	0.375	0.375	0.5	0.125	0.437	390	0.5	0.375	0.375	50.5	7.9	5.1	9.5	32.8	0.5	0.375	0.375	55.9	4.8	6.8	8.3	54.9	6.4	389	1.0	0.0	0.0	47.3	63.8	41.2	76.0	32.8
355	B50R_050_012d	0.5	0.375	0.5	0.5	0.125	0.437	330	0.5	0.375	0.5	50.6	9.1	−1.0	9.1	353.3	0.5	0.375	0.5	57.0	7.5	−2.9	8.0	338.5	6.7	330	1.0	0.0	1.0	48.2	72.8	−8.5	73.3	353.3
356	B25R_062_025d	0.5	0.375	0.625	0.625	0.25	0.5	300	0.5	0.375	0.625	51.9	13.4	−6.5	14.9	333.9	0.5	0.375	0.625	58.0	11.0	−7.9	13.5	324.1	6.7	300	0.5	0.0	1.0	37.8	53.8	−26.3	59.9	333.9
357	B15R_075_037d	0.5	0.375	0.75	0.75	0.375	0.562	289	0.493	0.375	0.75	52.5	15.9	−13.2	20.7	320.2	0.5	0.375	0.75	56.9	15.5	−13.7	20.7	318.5	4.5	288	0.316	0.0	1.0	32.7	42.4	−35.3	55.3	320.2
358	B11R_087_050d	0.5	0.375	0.875	0.875	0.5	0.625	284	0.491	0.375	0.875	53.6	17.8	−19.8	26.6	311.9	0.5	0.375	0.875	56.7	18.9	−19.2	26.9	314.5	3.3	282	0.233	0.0	1.0	31.2	35.6	−39.6	53.3	311.9
359	B09R_100_062d	0.5	0.375	1.0	1.0	0.625	0.687	281	0.489	0.375	1.0	54.7	21.2	−25.6	33.2	309.5	0.5	0.375	1.0	54.2	23.1	−24.3	33.5	313.4	2.3	279	0.183	0.0	1.0	30.3	33.9	−41.0	53.2	309.5
360	Y00G_050_050d	0.5	0.5	0.0	0.5	0.5	0.25	90	0.5	0.5	0.0	53.0	−5.9	47.5	47.9	97.1	0.5	0.5	0.0	58.5	−9.2	49.7	50.6	100.5	6.7	89	1.0	1.0	0.0	88.3	−11.9	95.1	95.8	97.1
361	Y00G_050_037d	0.5	0.5	0.125	0.5	0.375	0.312	90	0.5	0.5	0.124	53.9	−4.4	35.6	35.9	97.1	0.5	0.5	0.125	59.1	−7.8	35.8	36.6	102.3	6.2	89	1.0	1.0	0.0	88.3	−11.9	95.1	95.8	97.1
362	Y00G_050_025d	0.5	0.5	0.25	0.5	0.25	0.375	90	0.5	0.5	0.249	54.8	−2.9	23.7	23.9	97.1	0.5	0.5	0.25	60.5	−5.7	21.7	22.4	104.8	6.6	89	1.0	1.0	0.0	88.3	−11.9	95.1	95.8	97.1
363	Y00G_050_012d	0.5	0.5	0.375	0.5	0.125	0.437	90	0.5	0.5	0.375	55.7	−1.4	11.8	11.9	97.1	0.5	0.5	0.375	61.7	−3.2	9.6	10.2	108.5	6.6	89	1.0	1.0	0.0	88.3	−11.9	95.1	95.8	97.1
364	NW_050d	0.5	0.5	0.5	0.5	0.0	0.5	360	0.5	0.5	0.5	56.5	0.0	0.0	0.0	0.0	0.5	0.5	0.5	63.4	−0.4	−0.6	0.7	235.9	6.8	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
365	B00R_062_012d	0.5	0.5	0.625	0.625	0.125	0.562	270	0.5	0.5	0.625	57.5	2.9	−5.9	6.6	296.4	0.5	0.5	0.625	63.4	3.0	−6.7	7.3	294.2	5.9	270	0.0	0.0	1.0	25.3	23.5	−47.3	52.8	296.4
366	B00R_075_025d	0.5	0.5	0.75	0.75	0.25	0.625	270	0.5	0.5	0.75	58.4	5.8	−11.8	13.2	296.4	0.5	0.5	0.75	63.3	7.0	−11.7	13.6	300.9	4.9	270	0.0	0.0	1.0	25.3	23.5	−47.3	52.8	296.4
367	B00R_087_037d	0.5	0.5	0.875	0.875	0.375	0.687	270	0.5	0.5	0.875	59.4	8.8	−17.7	19.8	296.4	0.5	0.5	0.875	63.0	9.8	−17.7	20.2	299.0	3.7	270	0.0	0.0	1.0	25.3	23.5	−47.3	52.8	296.4
368	B00R_100_050d	0.5	0.5	1.0	1.0	0.5	0.75	270	0.5	0.5	1.0	60.4	11.7	−23.6	26.4	296.4	0.5	0.5	1.0	60.0	15.5	−22.8	27.6	304.1	3.8	270	0.0	0.0	1.0	25.3	23.5	−47.3	52.8	296.4
369	Y18G_062_062d	0.5	0.625	0.0	0.625	0.625	0.312	101	0.51	0.625	0.0	59.4	−11.2	53.7	54.9	101.7	0.5	0.625	0.0	64.0	−14.1	56.2	57.9	104.1	5.9	99	0.816	1.0	0.0	84.5	−17.9	86.0	87.8	101.7
370	Y23G_062_050d	0.5	0.625	0.125	0.625	0.5	0.375	104	0.508	0.625	0.125	60.2	−9.6	41.8	42.9	102.9	0.5	0.625	0.125	64.4	−12.8	42.5	44.4	106.8	5.3	102	0.766	1.0	0.0	83.3	−19.2	83.7	85.9	102.9
371	Y31G_062_037d	0.5	0.625	0.25	0.625	0.375	0.437	109	0.506	0.625	0.25	60.4	−8.5	29.8	31.0	106.0	0.5	0.625	0.25	65.5	−11.1	28.3	30.5	111.4	5.8	108	0.683	1.0	0.0	79.8	−22.8	79.5	82.7	106.0
372	Y50G_062_025d	0.5	0.625	0.375	0.625	0.25	0.5	120	0.5	0.625	0.375	60.6	−7.8	16.5	18.2	115.3	0.5	0.625	0.375	66.3	−9.1	15.5	18.0	120.3	5.9	119	0.5	1.0	0.0	72.7	−31.3	66.0	73.1	115.3
373	G00B_062_012d	0.5	0.625	0.5	0.625	0.125	0.562	150	0.5	0.625	0.5	60.8	−8.6	3.5	9.2	157.7	0.5	0.625	0.5	67.3	−6.4	4.3	7.8	146.1	6.8	149	0.0	1.0	0.0	51.9	−68.8	28.1	74.3	157.7
374	G50B_062_012d	0.5	0.625	0.625	0.625	0.125	0.562	210	0.5	0.625	0.625	61.6	−3.6	−5.4	6.5	236.1	0.5	0.625	0.625	68.4	−3.5	−5.0	6.1	234.4	6.8	210	0.0	1.0	1.0	58.3	−29.2	−43.7	52.6	236.1
375	G75B_075_025d	0.5	0.625	0.75	0.75	0.25	0.625	240	0.5	0.625	0.75	62.8	−1.5	−11.2	11.3	262.3	0.5	0.625	0.75	68.8	−0.3	−10.4	10.4	268.2	6.1	240	0.0	0.5	1.0	42.7	−6.0	−45.0	45.4	262.3
376	G84B_087_037d	0.5	0.625	0.875	0.875	0.375	0.687	251	0.5	0.618	0.875	63.3	1.9	−17.2	17.3	276.3	0.5	0.625	0.875	67.5	3.6	−16.6	17.0	282.2	4.5	251	0.0	0.316	1.0	35.7	5.1	−45.8	46.1	276.3
377	G88B_100_050d	0.5	0.625	1.0	1.0	0.5	0.75	256	0.5	0.616	1.0	64.0	5.2	−23.1	23.7	282.8	0.5	0.625	1.0	65.6	7.1	−21.6	22.8	288.1	2.8	257	0.0	0.233	1.0	32.7	10.5	−46.2	47.4	282.8
378	Y31G_075_075d	0.5	0.75	0.0	0.75	0.75	0.375	109	0.512	0.75	0.0	64.3	−17.1	59.6	62.0	106.0	0.5	0.75	0.0	68.1	−19.0	61.9	64.8	107.0	4.8	108	0.683	1.0	0.0	79.8	−22.8	79.5	82.7	106.0
379	Y38G_075_062d	0.5	0.75	0.125	0.75	0.625	0.437	113	0.51	0.75	0.125	64.3	−16.0	47.3	49.9	108.7	0.5	0.75	0.125	68.3	−18.1	47.6	50.9	110.8	4.5	112	0.616	1.0	0.0	76.8	−25.7	75.6	79.9	108.7
380	Y50G_075_050d	0.5	0.75	0.25	0.75	0.5	0.5	120	0.5	0.75	0.25	64.6	−15.6	33.0	36.5	115.3	0.5	0.75	0.25	68.9	−16.8	33.8	37.8	116.4	4.4	119	0.5	1.0	0.0	72.7	−31.3	66.0	73.1	115.3
381	Y68G_075_037d	0.5	0.75	0.375	0.75	0.375	0.562	131	0.493	0.75	0.375	64.6	−15.8	20.1	25.6	128.2	0.5	0.75	0.375	69.8	−14.8	20.8	25.6	125.4	5.3	131	0.316	1.0	0.0	65.1	−42.3	53.6	68.2	128.2
382	G00B_075_025d	0.5	0.75	0.5	0.75	0.25	0.625	150	0.5	0.75	0.5	65.1	−17.2	7.0	18.5	157.7	0.5	0.75	0.5	71.1	−12.0	9.8	15.5	140.7	8.3	149	0.0	1.0	0.0	51.9	−68.8	28.1	74.3	157.7
383	G25B_075_025d	0.5	0.75	0.625	0.75	0.25	0.625	180	0.5	0.75	0.625	65.8	−12.7	−3.0	13.1	193.5	0.5	0.75	0.625	71.9	−9.2	−0.1	9.2	181.1	7.6	180	0.0	1.0	0.5	54.8	−51.0	−12.3	52.5	193.5
384	G50B_075_025d	0.5	0.75	0.75	0.75	0.25	0.625	210	0.5	0.75	0.75	66.7	−7.3	−10.9	13.1	236.1	0.5	0.75	0.75	72.9	−6.2	−9.1	11.0	235.5	6.5	210	0.0	1.0	1.0	58.3	−29.2	−43.7	52.6	236.1
385	G65B_087_037d	0.5	0.75	0.875	0.875	0.375	0.687	229	0.5	0.756	0.875	68.5	−6.2	−16.6	17.7	249.4	0.5	0.75	0.875	73.7	−4.2	−15.2	15.8	254.3	5.7	228	0.0	0.683	1.0	49.6	−16.6	−44.3	47.4	249.4
386	G75B_100_050d	0.5	0.75	1.0	1.0	0.5	0.75	240	0.5	0.75	1.0	69.1	−3.0	−22.5	22.7	262.3	0.5	0.75	1.0	70.7	0.2	−20.5	20.5	270.8	4.1	240	0.0	0.5	1.0	42.7	−6.0	−45.0	45.4	262.3
387	Y41G_087_087d	0.5	0.875	0.0	0.875	0.875	0.437	115	0.51	0.875	0.0	68.4	−24.0	63.8	68.2	110.6	0.5	0.875	0.0	71.6	−25.4	65.5	70.3	111.2	3.8	114	0.583	1.0	0.0	75.6	−27.5	72.9	78.0	110.6
388	Y50G_087_075d	0.5	0.875	0.125	0.875	0.75	0.5	120	0.5	0.875	0.125	68.7	−23.5	49.5	54.8	115.3	0.5	0.875	0.125	71.6	−24.9	51.1	56.8	115.9	3.5	119	0.5	1.0	0.0	72.7	−31.3	66.0	73.1	115.3
389	Y61G_087_062d	0.5	0.875	0.25	0.875	0.625	0.562	127	0.489	0.875	0.25	69.3	−22.8	36.6	43.2	121.9	0.5	0.875	0.25	72.0	−23.8	38.3	45.1	121.9	3.3	127	0.383	1.0	0.0	69.1	−36.5	58.6	69.1	121.9
390	Y76G_087_050d	0.5	0.875	0.375	0.875	0.5	0.625	136	0.491	0.875	0.375	68.2	−24.4	23.3	33.8	136.2	0.5	0.875	0.375	73.1	−21.3	25.4	33.2	129.9	6.1	137	0.233	1.0	0.0	60.4	−48.8	46.7	67.6	136.2
391	G00B_087_037d	0.5	0.875	0.5	0.875	0.375	0.687	150	0.5	0.875	0.5	69.4	−25.8	10.5	27.8	157.7	0.5	0.875	0.5	74.4	−18.4	13.7	23.0	143.3	9.4	149	0.0	1.0	0.0	51.9	−68.8	28.1	74.3	157.7
392	G15B_087_037d	0.5	0.875	0.625	0.875	0.375	0.687	169	0.5	0.875	0.618	70.0	−22.3	1.4	22.3	176.3	0.5	0.875	0.625	75.3	−15.8	3.8	16.3	166.3	8.6	168	0.0	1.0	0.316	53.7	−59.5	3.7	59.6	176.3
393	G34B_087_037d	0.5	0.875	0.75	0.875	0.375	0.687	191	0.5	0.875	0.756	71.0	−15.9	−9.8	18.7	211.7	0.5	0.875	0.75	76.7	−12.5	−6.1	13.9	206.1	7.5	191	0.0	1.0	0.683	56.2	−42.4	−26.3	49.9	211.7
394	G50B_087_037d	0.5	0.875	0.875	0.875	0.375	0.687	210	0.5	0.875	0.875	71.8	−10.9	−16.4	19.7	236.1	0.5	0.875	0.875	77.3	−9.5	−14.2	17.1	236.0	6.1	210	0.0	1.0	1.0	58.3	−29.2	−43.7	52.6	236.1
395	G61B_100_050d	0.5	0.875	1.0	1.0	0.5	0.75	224	0.5	0.883	1.0	73.8	−10.2	−22.0	24.3	245.1	0.5	0.875	1.0	76.5	−6.8	−19.4	20.6	250.5	5.0	222	0.0	0.766	1.0	52.2	−20.4	−44.1	48.6	245.1
396	Y50G_100_100d	0.5	1.0	0.0	1.0	1.0	0.5	120	0.5	1.0	0.0	72.7	−31.3	66.0	73.1	115.3	0.5	1.0	0.0	72.7	−31.3	66.0	73.1	115.3	0.0	119	0.5	1.0	0.0	72.7	−31.3	66.0	73.1	115.3
397	Y58G_100_087d	0.5	1.0	0.125	1.0	0.875	0.562	125	0.489	1.0	0.125	73.3	−30.8	53.2	61.4	120.0	0.5	1.0	0.125	73.1	−30.7	53.1	61.4	120.0	0.2	125	0.416	1.0	0.0	70.2	−35.2	60.8	70.2	120.0
398	Y68G_100_075d	0.5	1.0	0.25	1.0	0.75	0.625	131	0.487	1.0	0.25	72.7	−31.7	40.2	51.2	128.2	0.5	1.0	0.25	73.6	−29.3	40.7	50.1	125.7	2.6	131	0.316	1.0	0.0	65.1	−42.3	53.6	68.2	128.2
399	Y81G_100_062d	0.5	1.0	0.375	1.0	0.625	0.687	139	0.489	1.0	0.375	72.6	−32.3	27.0	42.1	140.1	0.5	1.0	0.375	74.6	−27.1	29.6	40.1	132.5	6.1	140	0.183	1.0	0.0	59.0	−51.8	43.2	67.4	140.1
400	G00B_100_050d	0.5	1.0	0.5	1.0	0.5	0.75	150	0.5	1.0	0.5	73.7	−34.4	14.0	37.1	157.7	0.5	1.0	0.5	76.0	−24.2	18.2	30.3	142.9	11.2	149	0.0	1.0	0.0	51.9	−68.8	28.1	74.3	157.7
401	G11B_100_050d	0.5	1.0	0.625	1.0	0.5	0.75	164	0.5	1.0	0.616	74.3	−31.3	5.5	31.8	170.0	0.5	1.0	0.625	77.1	−21.4	7.9	22.8	159.7	10.5	162	0.0	1.0	0.233	53.2	−62.6	11.0	63.6	170.0
402	G25B_100_050d	0.5	1.0	0.75	1.0	0.5	0.75	180	0.5	1.0	0.75	75.1	−25.5	−6.1	26.2	193.5	0.5	1.0	0.75	78.1	−18.4	−2.0	18.5	186.2	8.7	180	0.0	1.0	0.5	54.8	−51.0	−12.3	52.5	193.5
403	G38B_100_050d	0.5	1.0	0.875	1.0	0.5	0.75	196	0.5	1.0	0.883	76.1	−19.2	−15.8	24.9	219.6	0.5	1.0	0.875	79.4	−15.1	−10.7	18.5	215.2	7.3	197	0.0	1.0	0.766	56.8	−38.4	−31.7	49.8	219.6
404	G50B_100_050d	0.5	1.0	1.0	1.0	0.5	0.75	210	0.5	1.0	1.0	76.9	−14.6	−21.8	26.3	236.1	0.5	1.0	1.0	80.2	−12.0	−18.3	21.9	236.6	5.5	210	0.0	1.0	1.0	58.3	−29.2	−43.7	52.6	236.1

delta $E^{*'}$ = 5.3

2−0032330−F0 QS140−7N, 24/33−F

gráfico TUB-QS14; código de tono: H^*_d=R50Y_d
colores y differencia en color, $\Delta E^{*'}$

entrada: *rgb/cmyk* −> rgb_d
salida: transfiera a $cmyk_d$

QS1400L

2−0032330−F0

http://130.149.60.45/~farbmetrik/QS14/QS14L0NP.PDF /.PS; salida de transferencia
N: ninguna 3D-linealización (OL) en archivo (F) o PS-startup (S), página 25/33

TUB matrícula: 20130201-QS14/QS14L0NP.PDF /.PS
aplicación para la medida salida en la impressión offset, separación cmyn6 (CMYK)

TUB material: code=rha4ta

n	HIC*Fd	rgb_Fd			ict_Fd			hsi_F,d	rgb*Fd			LabCh*Fd					rgb*'Fd			LabCh*'Fd					DE*'Fd	hsiM,d	rgb*Md			LabCh*Md				
405	R00Y_062_062d	0.625	0.0	0.0	0.625	0.625	0.312	390	0.625	0.0	0.0	36.2	39.9	25.7	47.5	32.8	0.625	0.0	0.0	37.4	42.1	28.4	50.8	34.0	3.7	389	1.0	0.0	0.0	47.3	63.8	41.2	76.0	32.8
406	R31Y_062_062d	0.625	0.0	0.125	0.625	0.625	0.312	379	0.625	0.0	0.114	36.3	40.5	20.1	45.2	26.4	0.625	0.0	0.125	37.5	43.0	21.4	48.0	26.4	3.0	380	1.0	0.0	0.183	47.5	64.8	32.2	72.4	26.4
407	R11Y_062_062d	0.625	0.0	0.25	0.625	0.625	0.312	367	0.625	0.0	0.239	36.5	41.4	13.3	43.5	17.8	0.625	0.0	0.25	37.7	44.8	12.8	46.6	15.9	3.6	367	1.0	0.0	0.383	47.7	66.3	21.3	69.6	17.8
408	B69R_062_062d	0.625	0.0	0.375	0.625	0.625	0.312	353	0.625	0.0	0.385	36.6	43.0	4.7	43.3	6.2	0.625	0.0	0.375	37.8	46.7	3.8	46.9	4.6	4.0	352	1.0	0.0	0.616	48.0	68.8	7.5	69.2	6.2
409	B59R_062_062d	0.625	0.0	0.5	0.625	0.625	0.312	341	0.625	0.0	0.51	36.7	44.4	−1.3	44.4	358.3	0.625	0.0	0.5	38.2	48.9	−3.5	49.0	355.8	5.1	339	1.0	0.0	0.816	48.2	71.1	−2.1	71.1	358.3
410	B50R_062_062d	0.625	0.0	0.625	0.625	0.625	0.312	330	0.625	0.0	0.625	36.8	45.5	−5.3	45.8	353.3	0.625	0.0	0.625	38.6	50.3	−8.7	51.0	350.0	6.1	330	1.0	0.0	1.0	48.2	72.8	−8.5	73.3	353.3
411	B42R_075_075d	0.625	0.0	0.75	0.75	0.75	0.375	321	0.637	0.0	0.75	38.4	51.6	−9.4	52.4	349.6	0.625	0.0	0.75	40.0	54.5	−12.6	56.0	346.9	4.6	322	0.85	0.0	1.0	45.3	68.8	−12.5	69.9	349.6
412	B36R_087_087d	0.625	0.0	0.875	0.875	0.875	0.437	314	0.641	0.0	0.875	39.7	56.9	−13.9	58.6	346.2	0.625	0.0	0.875	41.2	58.5	−16.8	60.8	343.9	3.6	315	0.733	0.0	1.0	42.8	65.0	−15.9	66.9	346.2
413	B31R_100_100d	0.625	0.0	1.0	1.0	1.0	0.5	308	0.633	0.0	1.0	41.1	59.3	−21.4	63.0	340.1	0.625	0.0	1.0	40.9	58.8	−21.8	62.7	339.6	0.6	308	0.633	0.0	1.0	41.1	59.3	−21.4	63.0	340.1
414	R18Y_062_062d	0.625	0.125	0.0	0.625	0.625	0.312	41	0.625	0.114	0.0	40.0	31.3	31.2	44.2	44.9	0.625	0.125	0.0	43.4	29.6	35.4	46.2	50.0	5.6	39	1.0	0.183	0.0	53.4	50.1	49.9	70.7	44.9
415	R00Y_062_050d	0.625	0.125	0.125	0.625	0.5	0.375	390	0.625	0.125	0.125	42.2	31.9	20.6	38.0	32.8	0.625	0.125	0.125	44.0	30.5	26.8	40.6	41.3	6.6	389	1.0	0.0	0.0	47.3	63.8	41.2	76.0	32.8
416	R26Y_062_050d	0.625	0.125	0.25	0.625	0.5	0.375	376	0.625	0.125	0.241	42.4	32.5	14.8	35.7	24.5	0.625	0.125	0.25	44.0	31.9	17.0	36.2	28.1	2.7	377	1.0	0.0	0.233	47.6	65.0	29.7	71.5	24.5
417	R00Y_062_050d	0.625	0.125	0.375	0.625	0.5	0.375	360	0.625	0.125	0.375	42.4	33.8	7.0	34.5	11.6	0.625	0.125	0.375	44.8	33.4	6.9	34.1	11.8	2.4	360	1.0	0.0	0.5	47.7	67.7	14.0	69.1	11.6
418	B61R_062_050d	0.625	0.125	0.5	0.625	0.5	0.375	344	0.625	0.125	0.508	42.6	35.3	−0.1	35.3	359.8	0.625	0.125	0.5	45.4	35.6	−1.6	35.7	357.2	3.1	342	1.0	0.0	0.766	48.1	70.6	−0.2	70.6	359.8
419	B50R_062_050d	0.625	0.125	0.625	0.625	0.5	0.375	330	0.625	0.125	0.625	42.7	36.4	−4.2	36.6	353.3	0.625	0.125	0.625	45.8	37.2	−7.9	38.0	347.9	4.8	330	1.0	0.0	1.0	48.2	72.8	−8.5	73.3	353.3
420	B40R_075_062d	0.625	0.125	0.75	0.75	0.625	0.437	319	0.635	0.125	0.75	44.2	42.4	−8.3	43.2	348.8	0.625	0.125	0.75	46.7	41.7	−11.8	43.3	344.1	4.3	320	0.816	0.0	1.0	44.6	67.8	−13.3	69.1	348.8
421	B34R_087_075d	0.625	0.125	0.875	0.875	0.75	0.5	311	0.637	0.125	0.875	45.6	46.6	−14.1	48.7	343.1	0.625	0.125	0.875	47.2	46.9	−16.5	49.7	340.6	2.8	311	0.683	0.0	1.0	41.9	62.2	−18.8	65.0	343.1
422	B29R_100_087d	0.625	0.125	1.0	1.0	0.875	0.562	305	0.635	0.125	1.0	46.9	50.0	−20.5	54.1	337.7	0.625	0.125	1.0	46.3	48.9	−21.3	53.3	336.4	1.4	305	0.583	0.0	1.0	39.9	57.2	−23.4	61.8	337.7
423	R38Y_062_062d	0.625	0.25	0.0	0.625	0.625	0.312	53	0.625	0.239	0.0	45.2	20.3	38.0	43.1	61.8	0.625	0.25	0.0	50.0	17.0	43.0	46.3	68.3	7.6	52	1.0	0.383	0.0	61.8	32.5	60.8	69.0	61.8
424	R23Y_062_050d	0.625	0.25	0.125	0.625	0.5	0.375	44	0.625	0.241	0.125	46.2	22.9	26.1	34.7	48.7	0.625	0.25	0.125	50.0	18.4	32.1	37.0	60.1	8.3	42	1.0	0.233	0.0	55.3	45.8	52.2	69.5	48.7
425	R00Y_062_037d	0.625	0.25	0.25	0.625	0.375	0.437	390	0.625	0.25	0.25	48.2	23.9	15.4	28.5	32.8	0.625	0.25	0.25	50.8	19.6	20.9	28.7	46.8	7.4	389	1.0	0.0	0.0	47.3	63.8	41.2	76.0	32.8
426	R18Y_062_037d	0.625	0.25	0.375	0.625	0.375	0.437	371	0.625	0.25	0.368	48.4	24.6	9.4	26.4	20.9	0.625	0.25	0.375	51.7	21.2	11.0	23.9	27.5	5.0	371	1.0	0.0	0.316	47.7	65.7	25.1	70.4	20.9
427	B65R_062_037d	0.625	0.25	0.5	0.625	0.375	0.437	349	0.625	0.25	0.506	48.5	26.1	1.5	26.1	3.2	0.625	0.25	0.5	52.2	23.6	0.8	23.6	2.0	4.5	348	1.0	0.0	0.683	48.1	69.7	4.0	69.8	3.2
428	B50R_062_037d	0.625	0.25	0.625	0.625	0.375	0.437	330	0.625	0.25	0.625	48.6	27.3	−3.2	27.5	353.3	0.625	0.25	0.625	53.2	25.5	−6.3	26.3	346.0	5.8	330	1.0	0.0	1.0	48.2	72.8	−8.5	73.3	353.3
429	B38R_075_050d	0.625	0.25	0.75	0.75	0.5	0.5	316	0.633	0.25	0.75	50.0	33.2	−7.2	34.0	347.6	0.625	0.25	0.75	53.3	30.4	−10.7	32.2	340.6	5.4	317	0.766	0.0	1.0	43.5	66.4	−14.5	68.0	347.6
430	B30R_087_062d	0.625	0.25	0.875	0.875	0.625	0.562	307	0.635	0.25	0.875	51.5	36.5	−13.8	39.1	339.2	0.625	0.25	0.875	53.5	34.9	−15.5	38.2	335.9	3.1	307	0.616	0.0	1.0	40.7	58.5	−22.1	62.5	339.2
431	B25R_100_075d	0.625	0.25	1.0	1.0	0.75	0.625	300	0.625	0.25	1.0	52.2	40.3	−19.7	44.9	333.9	0.625	0.25	1.0	52.2	37.2	−20.6	42.5	330.9	3.3	300	0.5	0.0	1.0	37.8	53.8	−26.3	59.9	333.9
432	R61Y_062_062d	0.625	0.375	0.0	0.625	0.625	0.312	67	0.625	0.385	0.0	52.3	7.4	47.2	47.8	81.0	0.625	0.375	0.0	57.0	4.6	50.8	51.0	84.7	6.4	67	1.0	0.616	0.0	73.2	11.8	75.6	76.6	81.0
433	R50Y_062_050d	0.625	0.375	0.125	0.625	0.5	0.375	60	0.625	0.375	0.125	52.1	11.3	33.8	35.6	71.4	0.625	0.375	0.125	57.0	6.7	38.1	38.7	79.9	7.9	59	1.0	0.5	0.0	67.2	22.6	67.6	71.2	71.4
434	R31Y_062_037d	0.625	0.375	0.25	0.625	0.375	0.437	49	0.625	0.368	0.25	52.6	14.4	21.4	25.8	55.9	0.625	0.375	0.25	57.3	8.9	25.6	27.1	70.8	8.4	48	1.0	0.316	0.0	58.9	38.6	57.1	69.0	55.9
435	R00Y_062_025d	0.625	0.375	0.375	0.625	0.25	0.5	390	0.625	0.375	0.375	54.2	15.9	10.3	19.0	32.8	0.625	0.375	0.375	58.4	10.5	14.5	17.9	54.0	8.0	389	1.0	0.0	0.0	47.3	63.8	41.2	76.0	32.8
436	R00Y_062_025d	0.625	0.375	0.5	0.625	0.25	0.5	360	0.625	0.375	0.5	54.3	16.9	3.5	17.2	11.6	0.625	0.375	0.5	59.3	12.7	4.1	13.4	18.1	6.5	360	1.0	0.0	0.5	47.7	67.7	14.0	69.1	11.6
437	B50R_062_025d	0.625	0.375	0.625	0.625	0.25	0.5	330	0.625	0.375	0.625	54.5	18.2	−2.1	18.3	353.3	0.625	0.375	0.625	60.3	15.0	−4.4	15.7	343.4	7.0	330	1.0	0.0	1.0	48.2	72.8	−8.5	73.3	353.3
438	B34R_075_037d	0.625	0.375	0.75	0.75	0.375	0.562	311	0.631	0.375	0.75	55.9	23.3	−7.0	24.3	343.1	0.625	0.375	0.75	59.8	19.9	−9.4	22.0	334.5	5.7	311	0.683	0.0	1.0	41.9	62.2	−18.8	65.0	343.1
439	B25R_087_050d	0.625	0.375	0.875	0.875	0.5	0.625	300	0.625	0.375	0.875	56.9	26.9	−13.1	29.9	333.9	0.625	0.375	0.875	60.1	23.7	−14.4	27.8	328.5	4.6	300	0.5	0.0	1.0	37.8	53.8	−26.3	59.9	333.9
440	B19R_100_062d	0.625	0.375	1.0	1.0	0.625	0.687	293	0.614	0.375	1.0	57.1	30.0	−19.3	35.7	327.2	0.625	0.375	1.0	57.3	27.1	−20.3	33.9	323.1	3.0	292	0.383	0.0	1.0	34.0	48.0	−30.9	57.1	327.2
441	R81Y_062_062d	0.625	0.5	0.0	0.625	0.625	0.312	79	0.625	0.51	0.0	57.8	−1.2	54.1	54.1	91.2	0.625	0.5	0.0	62.6	−3.9	56.8	56.9	94.0	6.1	80	1.0	0.816	0.0	81.9	−1.9	86.5	86.5	91.2
442	R76Y_062_050d	0.625	0.5	0.125	0.625	0.5	0.375	76	0.625	0.508	0.125	58.5	0.5	41.9	41.9	89.2	0.625	0.5	0.125	63.1	−2.5	43.7	43.8	93.3	5.8	77	1.0	0.766	0.0	79.9	1.0	83.9	83.9	89.2
443	R68Y_062_037d	0.625	0.5	0.25	0.625	0.375	0.437	71	0.625	0.506	0.25	59.1	2.6	29.8	29.9	84.9	0.625	0.5	0.25	63.9	−0.7	30.2	30.2	91.3	5.9	71	1.0	0.683	0.0	76.2	7.0	79.5	79.8	84.9
444	R50Y_062_025d	0.625	0.5	0.375	0.625	0.25	0.5	60	0.625	0.5	0.375	59.2	5.6	16.9	17.8	71.4	0.625	0.5	0.375	64.8	1.6	17.9	17.9	84.7	6.9	59	1.0	0.5	0.0	67.2	22.6	67.6	71.2	71.4
445	R00Y_062_012d	0.625	0.5	0.5	0.625	0.125	0.562	390	0.625	0.5	0.5	60.2	7.9	5.1	9.5	32.8	0.625	0.5	0.5	65.8	4.2	6.6	7.9	57.4	6.8	389	1.0	0.0	0.0	47.3	63.8	41.2	76.0	32.8
446	B50R_062_012d	0.625	0.5	0.625	0.625	0.125	0.562	330	0.625	0.5	0.625	60.4	9.1	−1.0	9.1	353.3	0.625	0.5	0.625	66.4	6.8	−2.7	7.3	338.3	6.6	330	1.0	0.0	1.0	48.2	72.8	−8.5	73.3	353.3
447	B25R_075_025d	0.625	0.5	0.75	0.75	0.25	0.625	300	0.625	0.5	0.75	61.6	13.4	−6.5	14.9	333.9	0.625	0.5	0.75	66.5	10.6	−7.9	13.2	323.2	5.8	300	0.5	0.0	1.0	37.8	53.8	−26.3	59.9	333.9
448	B15R_087_037d	0.625	0.5	0.875	0.875	0.375	0.687	289	0.618	0.5	0.875	62.2	15.9	−13.2	20.7	320.2	0.625	0.5	0.875	66.2	14.2	−13.3	19.5	316.8	4.3	288	0.316	0.0	1.0	32.7	42.4	−35.3	55.3	320.2
449	B11R_100_050d	0.625	0.5	1.0	1.0	0.5	0.75	284	0.616	0.5	1.0	63.3	17.8	−19.8	26.6	311.9	0.625	0.5	1.0	62.9	19.2	−19.0	27.0	315.2	1.6	282	0.233	0.0	1.0	31.2	35.6	−39.6	53.3	311.9
450	Y00G_062_062d	0.625	0.625	0.0	0.625	0.625	0.312	90	0.625	0.625	0.0	61.8	−7.4	59.4	59.9	97.1	0.625	0.625	0.0	66.7	−10.2	62.3	63.1	99.2	6.2	89	1.0	1.0	0.0	88.3	−11.9	95.1	95.8	97.1
451	Y00G_062_050d	0.625	0.625	0.125	0.625	0.5	0.375	90	0.625	0.625	0.125	62.7	−5.9	47.5	47.9	97.1	0.625	0.625	0.125	67.7	−9.2	48.5	49.4	100.7	6.0	89	1.0	1.0	0.0	88.3	−11.9	95.1	95.8	97.1
452	Y00G_062_037d	0.625	0.625	0.25	0.625	0.375	0.437	90	0.625	0.625	0.25	63.6	−4.4	35.6	35.9	97.1	0.625	0.625	0.25	68.8	−7.5	34.1	34.9	102.5	6.2	89	1.0	1.0	0.0	88.3	−11.9	95.1	95.8	97.1
453	Y00G_062_025d	0.625	0.625	0.375	0.625	0.25	0.5	90	0.625	0.625	0.375	64.5	−2.9	23.7	23.9	97.1	0.625	0.625	0.375	69.7	−5.4	20.9	21.6	104.5	6.4	89	1.0	1.0	0.0	88.3	−11.9	95.1	95.8	97.1
454	Y00G_062_012d	0.625	0.625	0.5	0.625	0.125	0.562	90	0.625	0.625	0.5	65.4	−1.4	11.8	11.9	97.1	0.625	0.625	0.5	71.2	−3.0	9.5	9.9	107.6	6.4	89	1.0	1.0	0.0	88.3	−11.9	95.1	95.8	97.1
455	NW_062d	0.625	0.625	0.625	0.625	0.0	0.625	360	0.625	0.625	0.625	66.3	0.0	0.0	0.0	0.0	0.625	0.625	0.625	72.2	−0.3	−0.4	0.5	236.5	5.9	360	1.0	1.0	0.0	95.4	0.0	0.0	0.0	0.0
456	B00R_075_012d	0.625	0.625	0.75	0.75	0.125	0.687	270	0.625	0.625	0.75	67.2	2.9	−5.9	6.6	296.4	0.625	0.625	0.75	72.1	2.8	−6.3	7.0	294.3	4.8	270	0.0	0.0	1.0	25.3	23.5	−47.3	52.8	296.4
457	B00R_087_025d	0.625	0.625	0.875	0.875	0.25	0.75	270	0.625	0.625	0.875	68.2	5.8	−11.8	13.2	296.4	0.625	0.625	0.875	71.5	7.4	−11.9	14.0	301.8	3.6	270	0.0	0.0	1.0	25.3	23.5	−47.3	52.8	296.4
458	B00R_100_037d	0.625	0.625	1.0	1.0	0.375	0.812	270	0.625	0.625	1.0	69.1	8.8	−17.7	19.8	296.4	0.625	0.625	1.0	69.1	10.5	−17.4	20.4	301.2	1.7	270	0.0	0.0	1.0	25.3	23.5	−47.3	52.8	296.4
459	Y15G_075_075d	0.625	0.75	0.0	0.75	0.75	0.375	99	0.637	0.75	0.0	68.3	−12.7	65.6	66.8	100.9	0.625	0.75	0.0	71.1	−14.9	68.3	69.9	102.3	4.4	97	0.85	1.0	0.0	85.2	−16.9	87.4	89.1	100.9
460	Y18G_075_062d	0.625	0.75	0.125	0.75	0.625	0.437	101	0.635	0.75	0.125	69.1	−11.2	53.7	54.9	101.7	0.625	0.75	0.125	71.9	−14.0	54.1	55.9	104.5	4.0	99	0.816	1.0	0.0	84.5	−17.9	86.0	87.8	101.7
461	Y23G_075_050d	0.625	0.75	0.25	0.75	0.5	0.5	104	0.633	0.75	0.25	69.9	−9.6	41.8	42.9	102.9	0.625	0.75	0.25	73.1	−12.7	41.1	43.0	107.1	4.4	102	0.766	1.0	0.0	83.3	−19.2	83.7	85.9	102.9
462	Y31G_075_037d	0.625	0.75	0.375	0.75	0.375	0.562	109	0.631	0.75	0.375	70.1	−8.5	29.8	31.0	106.0	0.625	0.75	0.375	74.0	−11.0	27.6	29.7	111.7	5.0	108	0.683	1.0	0.0	79.8	−22.8	79.5	82.7	106.0
463	Y50G_075_025d	0.625	0.75	0.5	0.75	0.25	0.625	120	0.625	0.75	0.5	70.3	−7.8	16.5	18.2	115.3	0.625	0.75	0.5	74.4	−8.8	15.2	17.6	120.1	4.3	119	0.5	1.0	0.0	72.7	−31.3	66.0	73.1	115.3
464	G00B_075_012d	0.625	0.75	0.625	0.75	0.125	0.687	150	0.625	0.75	0.625	70.5	−8.6	3.5	9.2	157.7	0.625	0.75	0.625	75.8	−6.1	4.7	7.7	142.4	5.9	149	0.0	1.0	0.0	51.9	−68.8	28.1	74.3	157.7
465	G50B_075_012d	0.625	0.75	0.75	0.75	0.125	0.687	210	0.625	0.75	0.75	71.3	−3.6	−5.4	6.5	236.1	0.625	0.75	0.75	76.8	−3.3	−4.6	5.7	233.9	5.5	210	0.0	1.0	1.0	58.3	−29.2	−43.7	52.6	236.1
466	G75B_087_025d	0.625	0.75	0.875	0.875	0.25	0.75	240	0.625	0.75	0.875	72.5	−1.5	−11.2	11.3	262.3	0.625	0.75	0.875	77.2	−0.2	−10.5	10.5	268.8	4.9	240	0.0	0.5	1.0	42.7	−6.0	−45.0	45.4	262.3
467	G84B_100_037d	0.625	0.75	1.0	1.0	0.375	0.812	251	0.625	0.743	1.0	73.0	1.9	−17.2	17.3	276.3	0.625	0.75	1.0	74.1	4.3	−16.2	16.7	284.9	2.8	251	0.0	0.316	1.0	35.7	5.1	−45.8	46.1	276.3
468	Y26G_087_087d	0.625	0.875	0.0	0.875	0.875	0.437	106	0.641	0.875	0.0	74.1	−17.9	71.8	74.0	104.0	0.625	0.875	0.0	75.7	−19.8	74.1	76.7	104.9	3.3	104	0.733	1.0	0.0	82.2	−20.5	82.1	84.6	104.0
469	Y31G_087_075d	0.625	0.875	0.125	0.875	0.75	0.5	109	0.637	0.875	0.125	74.0	−17.1	59.6	62.0	106.0	0.625	0.875	0.125	76.4	−19.0	60.5	63.5	107.4	3.2	108	0.683	1.0	0.0	79.8	−22.8	79.5	82.7	106.0
470	Y38G_087_062d	0.625	0.875	0.25	0.875	0.625	0.562	113	0.635	0.875	0.25	74.0	−16.0	47.3	49.9	108.7	0.625	0.875	0.25	77.1	−18.1	48.0	51.4	110.6	3.7	112	0.616	1.0	0.0	76.8	−25.7	75.6	79.9	108.7
471	Y50G_087_050d	0.625	0.875	0.375	0.875	0.5	0.625	120	0.625	0.875	0.375	74.4	−15.6	33.0	36.5	115.3	0.625	0.875	0.375	77.4	−16.7	33.6	37.6	116.5	3.3	119	0.5	1.0	0.0	72.7	−31.3	66.0	73.1	115.3
472	Y68G_087_037d	0.625	0.875	0.5	0.875	0.375	0.687	131	0.618	0.875	0.5	74.3	−15.8	20.1	25.6	128.2	0.625	0.875	0.5	78.2	−14.7	20.5	25.2	125.7	4.0	131	0.316	1.0	0.0	65.1	−42.3	53.6	68.2	128.2
473	G00B_087_025d	0.625	0.875	0.625	0.875	0.25	0.75	150	0.625	0.875	0.625	74.8	−17.2	7.0	18.5	157.7	0.625	0.875	0.625	79.8	−11.8	10.2	15.6	139.0	8.0	149	0.0	1.0	0.0	51.9	−68.8	28.1	74.3	157.7
474	G25B_087_025d	0.625	0.875	0.75	0.875	0.25	0.75	180	0.625	0.875	0.75	75.5	−12.7	−3.0	13.1	193.5	0.625	0.875	0.75	81.1	−9.0	0.1	9.0	179.1	7.4	180	0.0	1.0	0.5	54.8	−51.0	−12.3	52.5	193.5
475	G50B_087_025d	0.625	0.875	0.875	0.875	0.25	0.75	210	0.625	0.875	0.875	76.4	−7.3	−10.9	13.1	236.1	0.625	0.875	0.875	81.8	−6.1	−8.9	10.8	235.4	5.8	210	0.0	1.0	1.0	58.3	−29.2	−43.7	52.6	236.1
476	G65B_100_037d	0.625	0.875	1.0	1.0	0.375	0.812	229	0.625	0.881	1.0	78.2	−6.2	−16.6	17.7	249.4	0.625	0.875	1.0	79.9	−3.4	−14.8	15.2	256.9	3.7	228	0.0	0.683	1.0	49.6	−16.6	−44.3	47.4	249.4
477	Y36G_100_100d	0.625	1.0	0.0	1.0	1.0	0.5	112	0.633	1.0	0.0	77.4	−24.9	76.8	80.7	107.9	0.625	1.0	0.0	77.0	−25.2	76.3	80.4	108.3	0.6	111	0.633	1.0	0.0	77.4	−24.9	76.8	80.7	107.9
478	Y41G_100_087d	0.625	1.0	0.125	1.0	0.875	0.562	115	0.635	1.0	0.125	78.1	−24.0	63.8	68.2	110.6	0.625	1.0	0.125	78.0	−24.2	63.8	68.2	110.7	0.1	114	0.583	1.0	0.0	75.6	−27.5	72.9	78.0	110.6
479	Y50G_100_075d	0.625	1.0	0.25	1.0	0.75	0.625	120	0.625	1.0	0.25	78.4	−23.5	49.5	54.8	115.3	0.625	1.0	0.25	78.2	−23.6	50.6	55.8	115.0	1.0	119	0.5	1.0	0.0	72.7	−31.3	66.0	73.1	115.3
480	Y61G_100_062d	0.625	1.0	0.375	1.0	0.625	0.687	127	0.614	1.0	0.375	79.0	−22.8	36.6	43.2	121.9	0.625	1.0	0.375	78.4	−22.7	37.4	43.8	121.2	1.0	127	0.383	1.0	0.0	69.1	−36.5	58.6	69.1	121.9
481	Y76G_100_050d	0.625	1.0	0.5	1.0	0.5	0.75	136	0.616	1.0	0.5	77.9	−24.4	23.3	33.8	136.2	0.625	1.0	0.5	79.5	−20.6	25.6	32.9	128.7	4.7	137	0.233	1.0	0.0	60.4	−48.8	46.7	67.6	136.2
482	G00B_100_037d	0.625	1.0	0.625	1.0	0.375	0.812	150	0.625	1.0	0.625	79.1	−25.8	10.5	27.8	157.7	0.625	1.0	0.625	81.0	−17.6	14.7	22.9	140.1	9.3	149	0.0	1.0	0.0	51.9	−68.8	28.1	74.3	157.7
483	G15B_100_037d	0.625	1.0	0.75	1.0	0.375	0.812	169	0.625	1.0	0.743	79.8	−22.3	1.4	22.3	176.3	0.625	1.0	0.75	82.3	−14.7	4.7	15.4	162.0	8.6	168	0.0	1.0	0.316	53.7	−59.5	3.7	59.6	176.3
484	G34B_100_037d	0.625	1.0	0.875	1.0	0.375	0.812	191	0.625	1.0	0.881	80.7	−15.9	−9.8	18.7	211.7	0.625	1.0	0.875	83.1	−11.9	−5.2	13.0	203.7	6.5	191	0.0	1.0	0.683	56.2	−42.4	−26.3	49.9	211.7
485	G50B_100_037d	0.625	1.0	1.0	1.0	0.375	0.812	210	0.625	1.0	1.0	81.5	−10.9	−16.4	19.7	236.1	0.625	1.0	1.0	84.2	−8.8	−13.3	16.0	236.5	4.5	210	0.0	1.0	1.0	58.3	−29.2	−43.7	52.6	236.1

delta $E^{*\prime}$ = 4.9

2−0032430−F0

QS140−7N, 25/33−F

gráfico TUB-QS14; código de tono: H^*_d=R50Y_d
colores y differencia en color, $\Delta E^{*\prime}$

entrada: *rgb/cmyk* −> rgb_d
salida: transfiera a $cmyk_d$

vea archivos semejantes: http://130.149.60.45/~farbmetrik/QS14/QS14.HTM
información técnica: http://www.ps.bam.de o http://130.149.60.45/~farbmetrik

http://130.149.60.45/~farbmetrik/QS14/QS14L0NP.PDF /.PS; salida de transferencia
N: ninguna 3D-linealización (OL) en archivo (F) o PS-startup (S), página 26/33

n	HIC*Fd	rgb_Fd			ict_Fd			hsi_F,d	rgb*Fd			LabCh*Fd					rgb*'Fd			LabCh*'Fd					DE*'Fd	hsiM,d	rgb*Md			LabCh*Md				
486	R00Y_075_075d	0.75	0.0	0.0	0.75	0.75	0.375	390	0.75	0.0	0.0	39.9	47.9	30.9	57.0	32.8	0.75	0.0	0.0	40.4	50.6	32.9	60.4	33.0	3.4	389	1.0	0.0	0.0	47.3	63.8	41.2	76.0	32.8
487	R35Y_075_075d	0.75	0.0	0.125	0.75	0.75	0.375	381	0.75	0.0	0.112	40.0	48.4	25.4	54.7	27.6	0.75	0.0	0.125	40.6	51.4	27.1	58.1	27.8	3.4	382	1.0	0.0	0.15	47.5	64.6	33.9	72.9	27.6
488	R18Y_075_075d	0.75	0.0	0.25	0.75	0.75	0.375	371	0.75	0.0	0.237	40.2	49.3	18.8	52.8	20.9	0.75	0.0	0.25	40.9	52.7	19.3	56.1	20.1	3.5	371	1.0	0.0	0.316	47.7	65.7	25.1	70.4	20.9
489	R00Y_075_075d	0.75	0.0	0.375	0.75	0.75	0.375	360	0.75	0.0	0.375	40.2	50.7	10.5	51.8	11.6	0.75	0.0	0.375	40.9	54.2	10.0	55.1	10.4	3.5	360	1.0	0.0	0.5	47.7	67.7	14.0	69.1	11.6
490	B65R_075_075d	0.75	0.0	0.5	0.75	0.75	0.375	349	0.75	0.0	0.512	40.5	52.3	3.0	52.3	3.2	0.75	0.0	0.5	40.9	56.3	2.3	56.4	2.3	4.1	348	1.0	0.0	0.683	48.1	69.7	4.0	69.8	3.2
491	B57R_075_075d	0.75	0.0	0.625	0.75	0.75	0.375	339	0.75	0.0	0.637	40.6	53.5	−2.5	53.6	357.2	0.75	0.0	0.625	41.1	58.0	−3.7	58.1	356.3	4.6	337	1.0	0.0	0.85	48.2	71.4	−3.3	71.5	357.2
492	B50R_075_075d	0.75	0.0	0.75	0.75	0.75	0.375	330	0.75	0.0	0.75	40.6	54.6	−6.4	55.0	353.3	0.75	0.0	0.75	41.3	59.1	−8.4	59.7	351.8	5.0	330	1.0	0.0	1.0	48.2	72.8	−8.5	73.3	353.3
493	B43R_087_087d	0.75	0.0	0.875	0.875	0.875	0.437	322	0.758	0.0	0.875	42.2	60.6	−10.6	61.5	350.0	0.75	0.0	0.875	42.8	63.9	−11.5	65.0	349.7	3.5	322	0.866	0.0	1.0	45.7	69.2	−12.1	70.3	350.0
494	B38R_100_100d	0.75	0.0	1.0	1.0	1.0	0.5	316	0.766	0.0	1.0	43.5	66.4	−14.5	68.0	347.6	0.75	0.0	1.0	43.1	65.9	−14.9	67.6	347.2	0.7	317	0.766	0.0	1.0	43.5	66.4	−14.5	68.0	347.6
495	R15Y_075_075d	0.75	0.125	0.0	0.75	0.75	0.375	39	0.75	0.112	0.0	43.5	39.6	36.1	53.6	42.3	0.75	0.125	0.0	44.9	40.4	38.4	55.7	43.5	2.7	37	1.0	0.15	0.0	52.1	52.8	48.1	71.5	42.3
496	R00Y_075_062d	0.75	0.125	0.125	0.75	0.625	0.437	390	0.75	0.125	0.125	45.9	39.9	25.7	47.5	32.8	0.75	0.125	0.125	45.6	40.2	30.5	50.5	37.2	4.8	389	1.0	0.0	0.0	47.3	63.8	41.2	76.0	32.8
497	R31Y_075_062d	0.75	0.125	0.25	0.75	0.625	0.437	379	0.75	0.125	0.239	46.1	40.5	20.1	45.2	26.4	0.75	0.125	0.25	46.0	41.0	22.5	46.8	28.8	2.4	380	1.0	0.0	0.183	47.5	64.8	32.2	72.4	26.4
498	R11Y_075_062d	0.75	0.125	0.375	0.75	0.625	0.437	367	0.75	0.125	0.364	46.2	41.4	13.3	43.5	17.8	0.75	0.125	0.375	46.6	42.1	13.1	44.1	17.2	0.8	367	1.0	0.0	0.383	47.7	66.3	21.3	69.6	17.8
499	B69R_075_062d	0.75	0.125	0.5	0.75	0.625	0.437	353	0.75	0.125	0.51	46.3	43.0	4.7	43.3	6.2	0.75	0.125	0.5	46.8	44.1	3.8	44.3	4.9	1.5	352	1.0	0.0	0.616	48.0	68.8	7.5	69.2	6.2
500	B59R_075_062d	0.75	0.125	0.625	0.75	0.625	0.437	341	0.75	0.125	0.635	46.5	44.4	−1.3	44.4	358.3	0.75	0.125	0.625	47.2	45.4	−2.7	45.5	356.5	1.8	339	1.0	0.0	0.816	48.2	71.1	−2.1	71.1	358.3
501	B50R_075_062d	0.75	0.125	0.75	0.75	0.625	0.437	330	0.75	0.125	0.75	46.5	45.5	−5.3	45.8	353.3	0.75	0.125	0.75	47.4	47.2	−8.2	48.0	350.0	3.5	330	1.0	0.0	1.0	48.2	72.8	−8.5	73.3	353.3
502	B42R_087_075d	0.75	0.125	0.875	0.875	0.75	0.5	321	0.762	0.125	0.875	48.1	51.6	−9.4	52.4	349.6	0.75	0.125	0.875	48.7	52.7	−11.6	53.9	347.4	2.5	322	0.85	0.0	1.0	45.3	68.8	−12.5	69.9	349.6
503	B36R_100_087d	0.75	0.125	1.0	1.0	0.875	0.562	314	0.766	0.125	1.0	49.4	56.9	−13.9	58.6	346.2	0.75	0.125	1.0	48.3	56.0	−15.3	58.1	344.6	2.0	315	0.733	0.0	1.0	42.8	65.0	−15.9	66.9	346.2
504	R31Y_075_075d	0.75	0.25	0.0	0.75	0.75	0.375	49	0.75	0.237	0.0	48.6	28.9	42.8	51.7	55.9	0.75	0.25	0.0	51.3	28.1	45.6	53.6	58.2	3.9	48	1.0	0.316	0.0	58.9	38.6	57.1	69.0	55.9
505	R18Y_075_062d	0.75	0.25	0.125	0.75	0.625	0.437	41	0.75	0.239	0.125	49.7	31.3	31.2	44.2	44.9	0.75	0.25	0.125	51.9	29.1	35.7	46.1	50.8	5.4	39	1.0	0.183	0.0	53.4	50.1	49.9	70.7	44.9
506	R00Y_075_050d	0.75	0.25	0.25	0.75	0.5	0.5	390	0.75	0.25	0.25	51.9	31.9	20.6	38.0	32.8	0.75	0.25	0.25	53.0	29.2	26.0	39.1	41.6	6.1	389	1.0	0.0	0.0	47.3	63.8	41.2	76.0	32.8
507	R26Y_075_050d	0.75	0.25	0.375	0.75	0.5	0.5	376	0.75	0.25	0.366	52.1	32.5	14.8	35.7	24.5	0.75	0.25	0.375	53.5	30.4	16.3	34.5	28.3	2.9	377	1.0	0.0	0.233	47.6	65.0	29.7	71.5	24.5
508	R00Y_075_050d	0.75	0.25	0.5	0.75	0.5	0.5	360	0.75	0.25	0.5	52.1	33.8	7.0	34.5	11.6	0.75	0.25	0.5	54.1	32.4	6.8	33.1	11.9	2.3	360	1.0	0.0	0.5	47.7	67.7	14.0	69.1	11.6
509	B61R_075_050d	0.75	0.25	0.625	0.75	0.5	0.5	344	0.75	0.25	0.633	52.3	35.3	−0.1	35.3	359.8	0.75	0.25	0.625	54.9	33.8	−1.0	33.8	358.2	3.1	342	1.0	0.0	0.766	48.1	70.6	−0.2	70.6	359.8
510	B50R_075_050d	0.75	0.25	0.75	0.75	0.5	0.5	330	0.75	0.25	0.75	52.4	36.4	−4.2	36.6	353.3	0.75	0.25	0.75	55.1	35.4	−7.4	36.2	348.1	4.3	330	1.0	0.0	1.0	48.2	72.8	−8.5	73.3	353.3
511	B40R_087_062d	0.75	0.25	0.875	0.875	0.625	0.562	319	0.76	0.25	0.875	53.9	42.4	−8.3	43.2	348.8	0.75	0.25	0.875	56.1	40.5	−11.0	42.0	344.7	3.9	320	0.816	0.0	1.0	44.6	67.8	−13.3	69.1	348.8
512	B34R_100_075d	0.75	0.25	1.0	1.0	0.75	0.625	311	0.762	0.25	1.0	55.3	46.6	−14.1	48.7	343.1	0.75	0.25	1.0	55.1	43.9	−14.7	46.3	341.4	2.8	311	0.683	0.0	1.0	41.9	62.2	−18.8	65.0	343.1
513	R50Y_075_075d	0.75	0.375	0.0	0.75	0.75	0.375	60	0.75	0.375	0.0	54.8	16.9	50.7	53.4	71.4	0.75	0.375	0.0	58.5	14.8	53.4	55.4	74.4	5.0	59	1.0	0.5	0.0	67.2	22.6	67.6	71.2	71.4
514	R38Y_075_062d	0.75	0.375	0.125	0.75	0.625	0.437	53	0.75	0.364	0.125	55.0	20.3	38.0	43.1	61.8	0.75	0.375	0.125	58.3	17.2	41.2	44.7	67.3	5.5	52	1.0	0.383	0.0	61.8	32.5	60.8	69.0	61.8
515	R23Y_075_050d	0.75	0.375	0.25	0.75	0.5	0.5	44	0.75	0.366	0.25	55.9	22.9	26.1	34.7	48.7	0.75	0.375	0.25	59.2	18.2	30.2	35.3	58.9	7.0	42	1.0	0.233	0.0	55.3	45.8	52.2	69.5	48.7
516	R00Y_075_037d	0.75	0.375	0.375	0.75	0.375	0.562	390	0.75	0.375	0.375	57.9	23.9	15.4	28.5	32.8	0.75	0.375	0.375	60.3	19.0	19.1	27.0	45.1	6.6	389	1.0	0.0	0.0	47.3	63.8	41.2	76.0	32.8
517	R18Y_075_037d	0.75	0.375	0.5	0.75	0.375	0.562	371	0.75	0.375	0.493	58.1	24.6	9.4	26.4	20.9	0.75	0.375	0.5	61.1	20.6	10.1	22.9	26.0	5.0	371	1.0	0.0	0.316	47.7	65.7	25.1	70.4	20.9
518	B65R_075_037d	0.75	0.375	0.625	0.75	0.375	0.562	349	0.75	0.375	0.631	58.2	26.1	1.5	26.1	3.2	0.75	0.375	0.625	61.7	22.5	0.8	22.5	2.1	5.0	348	1.0	0.0	0.683	48.1	69.7	4.0	69.8	3.2
519	B50R_075_037d	0.75	0.375	0.75	0.75	0.375	0.562	330	0.75	0.375	0.75	58.3	27.3	−3.2	27.5	353.3	0.75	0.375	0.75	62.3	24.5	−6.0	25.2	346.1	5.6	330	1.0	0.0	1.0	48.2	72.8	−8.5	73.3	353.3
520	B38R_087_050d	0.75	0.375	0.875	0.875	0.5	0.625	316	0.758	0.375	0.875	59.7	33.2	−7.2	34.0	347.6	0.75	0.375	0.875	62.9	29.2	−9.9	30.8	341.2	5.7	317	0.766	0.0	1.0	43.5	66.4	−14.5	68.0	347.6
521	B30R_100_062d	0.75	0.375	1.0	1.0	0.625	0.687	307	0.76	0.375	1.0	61.2	36.5	−13.8	39.1	339.2	0.75	0.375	1.0	61.3	33.7	−13.8	36.5	337.7	2.7	307	0.616	0.0	1.0	40.7	58.5	−22.1	62.5	339.2
522	R68Y_075_075d	0.75	0.5	0.0	0.75	0.75	0.375	71	0.75	0.512	0.0	61.6	5.2	59.6	59.8	84.9	0.75	0.5	0.0	65.3	3.7	61.2	61.4	86.4	4.2	71	1.0	0.683	0.0	76.2	7.0	79.5	79.8	84.9
523	R61Y_075_062d	0.75	0.5	0.125	0.75	0.625	0.437	67	0.75	0.51	0.125	62.1	7.4	47.2	47.8	81.0	0.75	0.5	0.125	65.8	4.9	48.4	48.6	84.1	4.6	67	1.0	0.616	0.0	73.2	11.8	75.6	76.6	81.0
524	R50Y_075_050d	0.75	0.5	0.25	0.75	0.5	0.5	60	0.75	0.5	0.25	61.9	11.3	33.8	35.6	71.4	0.75	0.5	0.25	66.3	6.8	35.2	35.9	78.9	6.4	59	1.0	0.5	0.0	67.2	22.6	67.6	71.2	71.4
525	R31Y_075_037d	0.75	0.5	0.375	0.75	0.375	0.562	49	0.75	0.493	0.375	62.3	14.4	21.4	25.8	55.9	0.75	0.5	0.375	67.1	8.8	23.2	24.8	69.2	7.6	48	1.0	0.316	0.0	58.9	38.6	57.1	69.0	55.9
526	R00Y_075_025d	0.75	0.5	0.5	0.75	0.25	0.625	390	0.75	0.5	0.5	64.0	15.9	10.3	19.0	32.8	0.75	0.5	0.5	68.1	10.5	12.8	16.6	50.6	7.3	389	1.0	0.0	0.0	47.3	63.8	41.2	76.0	32.8
527	R00Y_075_025d	0.75	0.5	0.625	0.75	0.25	0.625	360	0.75	0.5	0.625	64.1	16.9	3.5	17.2	11.6	0.75	0.5	0.625	68.9	12.4	3.9	13.0	17.6	6.6	360	1.0	0.0	0.5	47.7	67.7	14.0	69.1	11.6
528	B50R_075_025d	0.75	0.5	0.75	0.75	0.25	0.625	330	0.75	0.5	0.75	64.2	18.2	−2.1	18.3	353.3	0.75	0.5	0.75	69.9	14.4	−4.0	15.0	344.2	7.1	330	1.0	0.0	1.0	48.2	72.8	−8.5	73.3	353.3
529	B34R_087_037d	0.75	0.5	0.875	0.875	0.375	0.687	311	0.756	0.5	0.875	65.7	23.3	−7.0	24.3	343.1	0.75	0.5	0.875	70.4	18.9	−8.4	20.7	336.0	6.6	311	0.683	0.0	1.0	41.9	62.2	−18.8	65.0	343.1
530	B25R_100_050d	0.75	0.5	1.0	1.0	0.5	0.75	300	0.75	0.5	1.0	66.6	26.9	−13.1	29.9	333.9	0.75	0.5	1.0	67.0	24.7	−13.3	28.1	331.7	2.1	300	0.5	0.0	1.0	37.8	53.8	−26.3	59.9	333.9
531	R85Y_075_075d	0.75	0.625	0.0	0.75	0.75	0.375	81	0.75	0.637	0.0	66.8	−3.0	66.1	66.2	92.6	0.75	0.625	0.0	70.9	−5.2	67.9	68.1	94.4	4.9	81	1.0	0.85	0.0	83.2	−4.0	88.2	88.3	92.6
532	R81Y_075_062d	0.75	0.625	0.125	0.75	0.625	0.437	79	0.75	0.635	0.125	67.5	−1.2	54.1	54.1	91.2	0.75	0.625	0.125	71.8	−4.0	54.0	54.1	94.3	5.0	80	1.0	0.816	0.0	81.9	−1.9	86.5	86.5	91.2
533	R76Y_075_050d	0.75	0.625	0.25	0.75	0.5	0.5	76	0.75	0.633	0.25	68.2	0.5	41.9	41.9	89.2	0.75	0.625	0.25	72.6	−2.5	40.3	40.4	93.6	5.5	77	1.0	0.766	0.0	79.9	1.0	83.9	83.9	89.2
534	R68Y_075_037d	0.75	0.625	0.375	0.75	0.375	0.562	71	0.75	0.631	0.375	68.8	2.6	29.8	29.9	84.9	0.75	0.625	0.375	73.6	−0.7	27.1	27.1	91.5	6.4	71	1.0	0.683	0.0	76.2	7.0	79.5	79.8	84.9
535	R50Y_075_025d	0.75	0.625	0.5	0.75	0.25	0.625	60	0.75	0.625	0.5	68.9	5.6	16.9	17.8	71.4	0.75	0.625	0.5	74.2	1.8	15.9	16.0	83.4	6.5	59	1.0	0.5	0.0	67.2	22.6	67.6	71.2	71.4
536	R00Y_075_012d	0.75	0.625	0.625	0.75	0.125	0.687	390	0.75	0.625	0.625	70.0	7.9	5.1	9.5	32.8	0.75	0.625	0.625	75.2	3.9	6.3	7.4	58.1	6.7	389	1.0	0.0	0.0	47.3	63.8	41.2	76.0	32.8
537	B50R_075_012d	0.75	0.625	0.75	0.75	0.125	0.687	330	0.75	0.625	0.75	70.1	9.1	−1.0	9.1	353.3	0.75	0.625	0.75	76.0	6.3	−2.3	6.7	339.6	6.6	330	1.0	0.0	1.0	48.2	72.8	−8.5	73.3	353.3
538	B25R_087_025d	0.75	0.625	0.875	0.875	0.25	0.75	300	0.75	0.625	0.875	71.3	13.4	−6.5	14.9	333.9	0.75	0.625	0.875	75.3	11.3	−7.4	13.5	326.7	4.6	300	0.5	0.0	1.0	37.8	53.8	−26.3	59.9	333.9
539	B15R_100_037d	0.75	0.625	1.0	1.0	0.375	0.812	289	0.743	0.625	1.0	71.9	15.9	−13.2	20.7	320.2	0.75	0.625	1.0	73.6	14.6	−12.0	19.0	320.6	2.4	288	0.316	0.0	1.0	32.7	42.4	−35.3	55.3	320.2
540	Y00G_075_075d	0.75	0.75	0.0	0.75	0.75	0.375	90	0.75	0.75	0.0	70.7	−8.9	71.3	71.9	97.1	0.75	0.75	0.0	75.0	−11.3	72.0	72.9	98.9	5.0	89	1.0	1.0	0.0	88.3	−11.9	95.1	95.8	97.1
541	Y00G_075_062d	0.75	0.75	0.125	0.75	0.625	0.437	90	0.75	0.75	0.125	71.5	−7.4	59.4	59.9	97.1	0.75	0.75	0.125	75.8	−10.4	57.9	58.8	100.1	5.3	89	1.0	1.0	0.0	88.3	−11.9	95.1	95.8	97.1
542	Y00G_075_050d	0.75	0.75	0.25	0.75	0.5	0.5	90	0.75	0.75	0.25	72.4	−5.9	47.5	47.9	97.1	0.75	0.75	0.25	76.8	−9.0	43.9	44.8	101.6	6.4	89	1.0	1.0	0.0	88.3	−11.9	95.1	95.8	97.1
543	Y00G_075_037d	0.75	0.75	0.375	0.75	0.375	0.562	90	0.75	0.75	0.375	73.3	−4.4	35.6	35.9	97.1	0.75	0.75	0.375	77.9	−7.1	30.3	31.1	103.3	7.5	89	1.0	1.0	0.0	88.3	−11.9	95.1	95.8	97.1
544	Y00G_075_025d	0.75	0.75	0.5	0.75	0.25	0.625	90	0.75	0.75	0.5	74.2	−2.9	23.7	23.9	97.1	0.75	0.75	0.5	79.0	−5.0	18.6	19.3	105.1	7.2	89	1.0	1.0	0.0	88.3	−11.9	95.1	95.8	97.1
545	Y00G_075_012d	0.75	0.75	0.625	0.75	0.125	0.687	90	0.75	0.75	0.625	75.1	−1.4	11.8	11.9	97.1	0.75	0.75	0.625	80.1	−2.7	8.6	9.0	107.8	6.0	89	1.0	1.0	0.0	88.3	−11.9	95.1	95.8	97.1
546	NW_075d	0.75	0.75	0.75	0.75	0.0	0.75	360	0.75	0.75	0.75	76.0	0.0	0.0	0.0	0.0	0.75	0.75	0.75	80.8	−0.2	−0.4	0.5	237.4	4.8	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
547	B00R_087_012d	0.75	0.75	0.875	0.875	0.125	0.812	270	0.75	0.75	0.875	76.9	2.9	−5.9	6.6	296.4	0.75	0.75	0.875	81.6	3.1	−5.7	6.5	298.9	4.6	270	0.0	0.0	1.0	25.3	23.5	−47.3	52.8	296.4
548	B00R_100_025d	0.75	0.75	1.0	1.0	0.25	0.875	270	0.75	0.75	1.0	77.9	5.8	−11.8	13.2	296.4	0.75	0.75	1.0	78.9	8.0	−10.5	13.2	307.1	2.6	270	0.0	0.0	1.0	25.3	23.5	−47.3	52.8	296.4
549	Y13G_087_087d	0.75	0.875	0.0	0.875	0.875	0.437	98	0.758	0.875	0.0	77.1	−14.4	77.2	78.5	100.5	0.75	0.875	0.0	80.0	−15.6	79.0	80.5	101.1	3.6	97	0.866	1.0	0.0	85.6	−16.4	88.2	89.7	100.5
550	Y15G_087_075d	0.75	0.875	0.125	0.875	0.75	0.5	99	0.762	0.875	0.125	78.1	−12.7	65.6	66.8	100.9	0.75	0.875	0.125	80.9	−14.7	64.2	65.9	102.8	3.6	97	0.85	1.0	0.0	85.2	−16.9	87.4	89.1	100.9
551	Y18G_087_062d	0.75	0.875	0.25	0.875	0.625	0.562	101	0.76	0.875	0.25	78.9	−11.2	53.7	54.9	101.7	0.75	0.875	0.25	81.8	−13.4	51.2	53.0	104.7	4.4	99	0.816	1.0	0.0	84.5	−17.9	86.0	87.8	101.7
552	Y23G_087_050d	0.75	0.875	0.375	0.875	0.5	0.625	104	0.758	0.875	0.375	79.7	−9.6	41.8	42.9	102.9	0.75	0.875	0.375	82.6	−11.9	37.0	38.9	107.8	6.0	102	0.766	1.0	0.0	83.3	−19.2	83.7	85.9	102.9
553	Y31G_087_037d	0.75	0.875	0.5	0.875	0.375	0.687	109	0.756	0.875	0.5	79.8	−8.5	29.8	31.0	106.0	0.75	0.875	0.5	83.6	−9.7	24.7	26.6	111.5	6.4	108	0.683	1.0	0.0	79.8	−22.8	79.5	82.7	106.0
554	Y50G_087_025d	0.75	0.875	0.625	0.875	0.25	0.75	120	0.75	0.875	0.625	80.0	−7.8	16.5	18.2	115.3	0.75	0.875	0.625	84.3	−7.7	14.0	16.0	119.0	4.9	119	0.5	1.0	0.0	72.7	−31.3	66.0	73.1	115.3
555	G00B_087_012d	0.75	0.875	0.75	0.875	0.125	0.812	150	0.75	0.875	0.75	80.3	−8.6	3.5	9.2	157.7	0.75	0.875	0.75	85.3	−5.4	4.5	7.0	140.0	6.0	149	0.0	1.0	0.0	51.9	−68.8	28.1	74.3	157.7
556	G50B_087_012d	0.75	0.875	0.875	0.875	0.125	0.812	210	0.75	0.875	0.875	81.1	−3.6	−5.4	6.5	236.1	0.75	0.875	0.875	86.2	−2.8	−3.9	4.8	234.6	5.4	210	0.0	1.0	1.0	58.3	−29.2	−43.7	52.6	236.1
557	G75B_100_025d	0.75	0.875	1.0	1.0	0.25	0.875	240	0.75	0.875	1.0	82.3	−1.5	−11.2	11.3	262.3	0.75	0.875	1.0	84.8	0.5	−9.1	9.1	273.5	3.8	240	0.0	0.5	1.0	42.7	−6.0	−45.0	45.4	262.3
558	Y23G_100_100d	0.75	1.0	0.0	1.0	1.0	0.5	104	0.766	1.0	0.0	83.3	−19.2	83.7	85.9	102.9	0.75	1.0	0.0	82.9	−19.7	83.0	85.3	103.3	0.9	102	0.766	1.0	0.0	83.3	−19.2	83.7	85.9	102.9
559	Y26G_100_087d	0.75	1.0	0.125	1.0	0.875	0.562	106	0.766	1.0	0.125	83.8	−17.9	71.8	74.0	104.0	0.75	1.0	0.125	83.6	−18.9	68.5	71.1	105.4	3.4	104	0.733	1.0	0.0	82.2	−20.5	82.1	84.6	104.0
560	Y31G_100_075d	0.75	1.0	0.25	1.0	0.75	0.625	109	0.762	1.0	0.25	83.7	−17.1	59.6	62.0	106.0	0.75	1.0	0.25	84.3	−17.8	55.0	57.9	107.9	4.6	108	0.683	1.0	0.0	79.8	−22.8	79.5	82.7	106.0
561	Y38G_100_062d	0.75	1.0	0.375	1.0	0.625	0.687	113	0.76	1.0	0.375	83.8	−16.0	47.3	49.9	108.7	0.75	1.0	0.375	85.2	−16.3	42.5	45.5	110.9	4.9	112	0.616	1.0	0.0	76.8	−25.7	75.6	79.9	108.7
562	Y50G_100_050d	0.75	1.0	0.5	1.0	0.5	0.75	120	0.75	1.0	0.5	84.1	−15.6	33.0	36.5	115.3	0.75	1.0	0.5	85.6	−14.8	29.6	33.1	116.5	3.8	119	0.5	1.0	0.0	72.7	−31.3	66.0	73.1	115.3
563	Y68G_100_037d	0.75	1.0	0.625	1.0	0.375	0.812	131	0.743	1.0	0.625	84.1	−15.8	20.1	25.6	128.2	0.75	1.0	0.625	86.6	−12.6	18.4	22.3	124.3	4.4	131	0.316	1.0	0.0	65.1	−42.3	53.6	68.2	128.2
564	G00B_100_025d	0.75	1.0	0.75	1.0	0.25	0.875	150	0.75	1.0	0.75	84.5	−17.2	7.0	18.5	157.7	0.75	1.0	0.75	87.7	−10.1	8.7	13.3	139.0	7.9	149	0.0	1.0	0.0	51.9	−68.8	28.1	74.3	157.7
565	G25B_100_025d	0.75	1.0	0.875	1.0	0.25	0.875	180	0.75	1.0	0.875	85.3	−12.7	−3.0	13.1	193.5	0.75	1.0	0.875	88.6	−7.7	0.1	7.7	178.5	6.8	180	0.0	1.0	0.5	54.8	−51.0	−12.3	52.5	193.5
566	G50B_100_025d	0.75	1.0	1.0	1.0	0.25	0.875	210	0.75	1.0	1.0	86.1	−7.3	−10.9	13.1	236.1	0.75	1.0	1.0	89.3	−5.1	−7.6	9.2	235.9	5.0	210	0.0	1.0	1.0	58.3	−29.2	−43.7	52.6	236.1

delta E*' = 4.6

2-0032530-F0 QS140-7N, 26/33-F

gráfico TUB-QS14; código de tono: H^*_d=R50Y_d entrada: *rgb/cmyk* −> rgb_d
colores y differencia en color, $\Delta E^{*'}$ salida: transfiera a $cmyk_d$

QS1400L

http://130.149.60.45/~farbmetrik/QS14/QS14L0NP.PDF /.PS; salida de transferencia
N: ninguna 3D-linealización (OL) en archivo (F) o PS-startup (S), página 27/33

n	HIC*Fd	rgb_Fd			ict_Fd			hsi_F,d	rgb*Fd			LabCh*Fd					rgb*'Fd			LabCh*'Fd					DE*'Fd	hsiM,d	rgb*Md			LabCh*Md				
567	R00Y_087_087d	0.875	0.0	0.0	0.875	0.875	0.437	390	0.875	0.0	0.0	43.6	55.8	36.0	66.5	32.8	0.875	0.0	0.0	44.5	58.8	36.5	69.2	31.8	3.1	389	1.0	0.0	0.0	47.3	63.8	41.2	76.0	32.8
568	R36Y_087_087d	0.875	0.0	0.125	0.875	0.875	0.437	382	0.875	0.0	0.116	43.7	56.4	30.4	64.1	28.3	0.875	0.0	0.125	44.6	59.5	30.5	66.9	27.1	3.2	382	1.0	0.0	0.133	47.4	64.5	34.7	73.2	28.3
569	R23Y_087_087d	0.875	0.0	0.25	0.875	0.875	0.437	374	0.875	0.0	0.233	43.9	57.1	24.4	62.1	23.2	0.875	0.0	0.25	44.8	60.2	24.2	64.9	21.8	3.3	375	1.0	0.0	0.266	47.7	65.2	27.9	71.0	23.2
570	R08Y_087_087d	0.875	0.0	0.375	0.875	0.875	0.437	365	0.875	0.0	0.364	44.0	58.4	16.8	60.8	16.0	0.875	0.0	0.375	44.9	61.7	15.9	63.7	14.4	3.5	365	1.0	0.0	0.416	47.7	66.7	19.2	69.5	16.0
571	B70R_087_087d	0.875	0.0	0.5	0.875	0.875	0.437	355	0.875	0.0	0.51	44.1	60.0	8.2	60.5	7.8	0.875	0.0	0.5	45.1	63.5	7.6	63.9	6.8	3.6	354	1.0	0.0	0.583	47.9	68.6	9.4	69.2	7.8
572	B63R_087_087d	0.875	0.0	0.625	0.875	0.875	0.437	346	0.875	0.0	0.641	44.3	61.5	1.1	61.5	1.0	0.875	0.0	0.625	45.3	64.8	0.7	64.8	0.6	3.5	344	1.0	0.0	0.733	48.1	70.3	1.3	70.3	1.0
573	B56R_087_087d	0.875	0.0	0.75	0.875	0.875	0.437	338	0.875	0.0	0.758	44.4	62.6	−3.5	62.7	356.7	0.875	0.0	0.75	45.4	66.2	−4.4	66.3	356.1	3.8	337	1.0	0.0	0.866	48.2	71.5	−4.0	71.7	356.7
574	B50R_087_087d	0.875	0.0	0.875	0.875	0.875	0.437	330	0.875	0.0	0.875	44.4	63.7	−7.4	64.1	353.3	0.875	0.0	0.875	45.5	67.6	−8.9	68.2	352.4	4.3	330	1.0	0.0	1.0	48.2	72.8	−8.5	73.3	353.3
575	B44R_100_100d	0.875	0.0	1.0	1.0	1.0	0.5	323	0.883	0.0	1.0	46.1	69.7	−11.7	70.7	350.4	0.875	0.0	1.0	45.9	69.4	−11.9	70.5	350.2	0.3	323	0.883	0.0	1.0	46.1	69.7	−11.7	70.7	350.4
576	R13Y_087_087d	0.875	0.125	0.0	0.875	0.875	0.437	38	0.875	0.116	0.0	47.3	47.4	41.3	62.9	41.0	0.875	0.125	0.0	49.5	47.9	41.9	63.7	41.2	2.4	37	1.0	0.133	0.0	51.5	54.2	47.2	71.9	41.0
577	R00Y_087_075d	0.875	0.125	0.125	0.875	0.75	0.5	390	0.875	0.125	0.125	49.6	47.9	30.9	57.0	32.8	0.875	0.125	0.125	49.7	48.3	35.1	59.7	36.0	4.2	389	1.0	0.0	0.0	47.3	63.8	41.2	76.0	32.8
578	R35Y_087_075d	0.875	0.125	0.25	0.875	0.75	0.5	381	0.875	0.125	0.237	49.7	48.4	25.4	54.7	27.6	0.875	0.125	0.25	50.0	48.9	28.0	56.4	29.7	2.6	382	1.0	0.0	0.15	47.5	64.6	33.9	72.9	27.6
579	R18Y_087_075d	0.875	0.125	0.375	0.875	0.75	0.5	371	0.875	0.125	0.362	49.9	49.3	18.8	52.8	20.9	0.875	0.125	0.375	50.5	50.0	18.7	53.4	20.5	0.9	371	1.0	0.0	0.316	47.7	65.7	25.1	70.4	20.9
580	R00Y_087_075d	0.875	0.125	0.5	0.875	0.75	0.5	360	0.875	0.125	0.5	49.9	50.7	10.5	51.8	11.6	0.875	0.125	0.5	50.6	51.8	9.7	52.7	10.6	1.4	360	1.0	0.0	0.5	47.7	67.7	14.0	69.1	11.6
581	B65R_087_075d	0.875	0.125	0.625	0.875	0.75	0.5	349	0.875	0.125	0.637	50.2	52.3	3.0	52.3	3.2	0.875	0.125	0.625	51.3	53.1	1.9	53.1	2.1	1.7	348	1.0	0.0	0.683	48.1	69.7	4.0	69.8	3.2
582	B57R_087_075d	0.875	0.125	0.75	0.875	0.75	0.5	339	0.875	0.125	0.762	50.3	53.5	−2.5	53.6	357.2	0.875	0.125	0.75	51.3	54.8	−4.2	54.9	355.5	2.3	337	1.0	0.0	0.85	48.2	71.4	−3.3	71.5	357.2
583	B50R_087_075d	0.875	0.125	0.875	0.875	0.75	0.5	330	0.875	0.125	0.875	50.3	54.6	−6.4	55.0	353.3	0.875	0.125	0.875	51.7	55.8	−8.9	56.5	350.8	3.1	330	1.0	0.0	1.0	48.2	72.8	−8.5	73.3	353.3
584	B43R_100_087d	0.875	0.125	1.0	1.0	0.875	0.562	322	0.883	0.125	1.0	51.9	60.6	−10.6	61.5	350.0	0.875	0.125	1.0	51.4	58.8	−12.3	60.1	348.1	2.5	322	0.866	0.0	1.0	45.7	69.2	−12.1	70.3	350.0
585	R26Y_087_087d	0.875	0.25	0.0	0.875	0.875	0.437	46	0.875	0.233	0.0	51.8	37.6	47.3	60.4	51.5	0.875	0.25	0.0	54.6	36.3	50.0	61.8	54.0	4.0	44	1.0	0.266	0.0	56.7	43.0	54.1	69.1	51.5
586	R15Y_087_075d	0.875	0.25	0.125	0.875	0.75	0.5	39	0.875	0.237	0.125	53.2	39.6	36.1	53.6	42.3	0.875	0.25	0.125	55.1	36.9	40.5	54.8	47.6	5.5	37	1.0	0.15	0.0	52.1	52.8	48.1	71.5	42.3
587	R00Y_087_062d	0.875	0.25	0.25	0.875	0.625	0.562	390	0.875	0.25	0.25	55.6	39.9	25.7	47.5	32.8	0.875	0.25	0.25	56.2	36.3	31.9	48.4	41.2	7.1	389	1.0	0.0	0.0	47.3	63.8	41.2	76.0	32.8
588	R31Y_087_062d	0.875	0.25	0.375	0.875	0.625	0.562	379	0.875	0.25	0.364	55.8	40.5	20.1	45.2	26.4	0.875	0.25	0.375	56.6	37.6	22.7	43.9	31.1	3.9	380	1.0	0.0	0.183	47.5	64.8	32.2	72.4	26.4
589	R11Y_087_062d	0.875	0.25	0.5	0.875	0.625	0.562	367	0.875	0.25	0.489	55.9	41.4	13.3	43.5	17.8	0.875	0.25	0.5	57.1	39.0	13.1	41.2	18.5	2.6	367	1.0	0.0	0.383	47.7	66.3	21.3	69.6	17.8
590	B69R_087_062d	0.875	0.25	0.625	0.875	0.625	0.562	353	0.875	0.25	0.635	56.1	43.0	4.7	43.3	6.2	0.875	0.25	0.625	57.8	40.7	4.0	40.9	5.6	2.9	352	1.0	0.0	0.616	48.0	68.8	7.5	69.2	6.2
591	B59R_087_062d	0.875	0.25	0.75	0.875	0.625	0.562	341	0.875	0.25	0.76	56.2	44.4	−1.3	44.4	358.3	0.875	0.25	0.75	58.0	42.4	−2.7	42.4	356.2	3.1	339	1.0	0.0	0.816	48.2	71.1	−2.1	71.1	358.3
592	B50R_087_062d	0.875	0.25	0.875	0.875	0.625	0.562	330	0.875	0.25	0.875	56.2	45.5	−5.3	45.8	353.3	0.875	0.25	0.875	58.6	43.6	−8.2	44.4	349.2	4.2	330	1.0	0.0	1.0	48.2	72.8	−8.5	73.3	353.3
593	B42R_100_075d	0.875	0.25	1.0	1.0	0.75	0.625	321	0.887	0.25	1.0	57.9	51.6	−9.4	52.4	349.6	0.875	0.25	1.0	58.2	47.0	−11.3	48.3	346.4	4.9	322	0.85	0.0	1.0	45.3	68.8	−12.5	69.9	349.6
594	R41Y_087_087d	0.875	0.375	0.0	0.875	0.875	0.437	55	0.875	0.364	0.0	57.6	26.1	55.0	60.9	64.6	0.875	0.375	0.0	61.0	24.0	57.6	62.4	67.3	4.7	54	1.0	0.416	0.0	63.3	29.8	62.9	69.6	64.6
595	R31Y_087_075d	0.875	0.375	0.125	0.875	0.75	0.5	49	0.875	0.362	0.125	58.3	28.9	42.8	51.7	55.9	0.875	0.375	0.125	61.3	24.7	46.7	52.9	62.0	6.4	48	1.0	0.316	0.0	58.9	38.6	57.1	69.0	55.9
596	R18Y_087_062d	0.875	0.375	0.25	0.875	0.625	0.562	41	0.875	0.364	0.25	59.4	31.3	31.2	44.2	44.9	0.875	0.375	0.25	62.0	25.3	36.6	44.5	55.3	8.5	39	1.0	0.183	0.0	53.4	50.1	49.9	70.7	44.9
597	R00Y_087_050d	0.875	0.375	0.375	0.875	0.5	0.625	390	0.875	0.375	0.375	61.6	31.9	20.6	38.0	32.8	0.875	0.375	0.375	63.1	25.8	25.8	36.5	45.0	8.2	389	1.0	0.0	0.0	47.3	63.8	41.2	76.0	32.8
598	R26Y_087_050d	0.875	0.375	0.5	0.875	0.5	0.625	376	0.875	0.375	0.491	61.8	32.5	14.8	35.7	24.5	0.875	0.375	0.5	63.6	27.5	16.3	32.0	30.7	5.5	377	1.0	0.0	0.233	47.6	65.0	29.7	71.5	24.5
599	R00Y_087_050d	0.875	0.375	0.625	0.875	0.5	0.625	360	0.875	0.375	0.625	61.8	33.8	7.0	34.5	11.6	0.875	0.375	0.625	64.6	28.9	7.0	29.7	13.6	5.6	360	1.0	0.0	0.5	47.7	67.7	14.0	69.1	11.6
600	B61R_087_050d	0.875	0.375	0.75	0.875	0.5	0.625	344	0.875	0.375	0.758	62.1	35.3	−0.1	35.3	359.8	0.875	0.375	0.75	65.2	30.6	−0.7	30.6	358.5	5.6	342	1.0	0.0	0.766	48.1	70.6	−0.2	70.6	359.8
601	B50R_087_050d	0.875	0.375	0.875	0.875	0.5	0.625	330	0.875	0.375	0.875	62.1	36.4	−4.2	36.6	353.3	0.875	0.375	0.875	65.9	31.9	−6.8	32.6	347.9	6.4	330	1.0	0.0	1.0	48.2	72.8	−8.5	73.3	353.3
602	B40R_100_062d	0.875	0.375	1.0	1.0	0.625	0.687	319	0.885	0.375	1.0	63.7	42.4	−8.3	43.2	348.8	0.875	0.375	1.0	64.0	36.8	−10.7	38.3	343.7	6.0	320	0.816	0.0	1.0	44.6	67.8	−13.3	69.1	348.8
603	R58Y_087_087d	0.875	0.5	0.0	0.875	0.875	0.437	65	0.875	0.51	0.0	64.7	13.2	64.3	65.7	78.3	0.875	0.5	0.0	68.1	11.2	66.4	67.3	80.3	4.4	65	1.0	0.583	0.0	71.5	15.1	73.5	75.0	78.3
604	R50Y_087_075d	0.875	0.5	0.125	0.875	0.75	0.5	60	0.875	0.5	0.125	64.5	16.9	50.7	53.4	71.4	0.875	0.5	0.125	68.2	12.8	53.6	55.1	76.5	6.2	59	1.0	0.5	0.0	67.2	22.6	67.6	71.2	71.4
605	R38Y_087_062d	0.875	0.5	0.25	0.875	0.625	0.562	53	0.875	0.489	0.25	64.7	20.3	38.0	43.1	61.8	0.875	0.5	0.25	68.5	14.4	41.9	44.3	71.0	8.0	52	1.0	0.383	0.0	61.8	32.5	60.8	69.0	61.8
606	R23Y_087_050d	0.875	0.5	0.375	0.875	0.5	0.625	44	0.875	0.491	0.375	65.7	22.9	26.1	34.7	48.7	0.875	0.5	0.375	69.6	15.3	30.1	33.8	63.0	9.4	42	1.0	0.233	0.0	55.3	45.8	52.2	69.5	48.7
607	R00Y_087_037d	0.875	0.5	0.5	0.875	0.375	0.687	390	0.875	0.5	0.5	67.7	23.9	15.4	28.5	32.8	0.875	0.5	0.5	70.6	16.3	19.6	25.5	50.1	9.1	389	1.0	0.0	0.0	47.3	63.8	41.2	76.0	32.8
608	R18Y_087_037d	0.875	0.5	0.625	0.875	0.375	0.687	371	0.875	0.5	0.618	67.8	24.6	9.4	26.4	20.9	0.875	0.5	0.625	71.4	18.1	10.4	20.8	29.8	7.5	371	1.0	0.0	0.316	47.7	65.7	25.1	70.4	20.9
609	B65R_087_037d	0.875	0.5	0.75	0.875	0.375	0.687	349	0.875	0.5	0.756	67.9	26.1	1.5	26.1	3.2	0.875	0.5	0.75	72.4	19.7	1.7	19.8	5.0	7.8	348	1.0	0.0	0.683	48.1	69.7	4.0	69.8	3.2
610	B50R_087_037d	0.875	0.5	0.875	0.875	0.375	0.687	330	0.875	0.5	0.875	68.0	27.3	−3.2	27.5	353.3	0.875	0.5	0.875	73.0	21.6	−5.2	22.2	346.2	7.8	330	1.0	0.0	1.0	48.2	72.8	−8.5	73.3	353.3
611	B38R_100_050d	0.875	0.5	1.0	1.0	0.5	0.75	316	0.883	0.5	1.0	69.4	33.2	−7.2	34.0	347.6	0.875	0.5	1.0	70.0	27.9	−9.7	29.5	340.7	5.8	317	0.766	0.0	1.0	43.5	66.4	−14.5	68.0	347.6
612	R73Y_087_087d	0.875	0.625	0.0	0.875	0.875	0.437	74	0.875	0.641	0.0	70.9	2.9	71.9	72.0	87.6	0.875	0.625	0.0	73.6	2.3	72.9	72.9	88.1	2.9	75	1.0	0.733	0.0	78.5	3.3	82.2	82.3	87.6
613	R68Y_087_075d	0.875	0.625	0.125	0.875	0.75	0.5	71	0.875	0.637	0.125	71.3	5.2	59.6	59.8	84.9	0.875	0.625	0.125	74.1	3.2	59.3	59.4	86.8	3.4	71	1.0	0.683	0.0	76.2	7.0	79.5	79.8	84.9
614	R61Y_087_062d	0.875	0.625	0.25	0.875	0.625	0.562	67	0.875	0.635	0.25	71.8	7.4	47.2	47.8	81.0	0.875	0.625	0.25	74.7	4.4	47.2	47.4	84.6	4.2	67	1.0	0.616	0.0	73.2	11.8	75.6	76.6	81.0
615	R50Y_087_050d	0.875	0.625	0.375	0.875	0.5	0.625	60	0.875	0.625	0.375	71.6	11.3	33.8	35.6	71.4	0.875	0.625	0.375	75.2	6.3	34.1	34.7	79.4	6.1	59	1.0	0.5	0.0	67.2	22.6	67.6	71.2	71.4
616	R31Y_087_037d	0.875	0.625	0.5	0.875	0.375	0.687	49	0.875	0.618	0.5	72.0	14.4	21.4	25.8	55.9	0.875	0.625	0.5	75.7	8.7	22.5	24.1	68.8	6.9	48	1.0	0.316	0.0	58.9	38.6	57.1	69.0	55.9
617	R00Y_087_025d	0.875	0.625	0.625	0.875	0.25	0.75	390	0.875	0.625	0.625	73.7	15.9	10.3	19.0	32.8	0.875	0.625	0.625	76.8	10.1	12.8	16.3	51.6	7.0	389	1.0	0.0	0.0	47.3	63.8	41.2	76.0	32.8
618	R00Y_087_025d	0.875	0.625	0.75	0.875	0.25	0.75	360	0.875	0.625	0.75	73.8	16.9	3.5	17.2	11.6	0.875	0.625	0.75	77.6	12.2	3.9	12.8	17.9	6.0	360	1.0	0.0	0.5	47.7	67.7	14.0	69.1	11.6
619	B50R_087_025d	0.875	0.625	0.875	0.875	0.25	0.75	330	0.875	0.625	0.875	73.9	18.2	−2.1	18.3	353.3	0.875	0.625	0.875	78.4	14.2	−3.8	14.7	344.9	6.2	330	1.0	0.0	1.0	48.2	72.8	−8.5	73.3	353.3
620	B34R_100_037d	0.875	0.625	1.0	1.0	0.375	0.812	311	0.881	0.625	1.0	75.4	23.3	−7.0	24.3	343.1	0.875	0.625	1.0	77.1	17.7	−8.0	19.5	335.5	5.9	311	0.683	0.0	1.0	41.9	62.2	−18.8	65.0	343.1
621	R86Y_087_087d	0.875	0.75	0.0	0.875	0.875	0.437	82	0.875	0.758	0.0	75.6	−4.5	77.9	78.0	93.3	0.875	0.75	0.0	78.5	−5.6	78.9	79.1	94.1	3.3	82	1.0	0.866	0.0	83.9	−5.1	89.0	89.2	93.3
622	R85Y_087_075d	0.875	0.75	0.125	0.875	0.75	0.5	81	0.875	0.762	0.125	76.6	−3.0	66.1	66.2	92.6	0.875	0.75	0.125	79.7	−5.3	65.3	65.6	94.6	3.9	81	1.0	0.85	0.0	83.2	−4.0	88.2	88.3	92.6
623	R81Y_087_062d	0.875	0.75	0.25	0.875	0.625	0.562	79	0.875	0.76	0.25	77.3	−1.2	54.1	54.1	91.2	0.875	0.75	0.25	80.5	−4.3	52.5	52.7	94.7	4.7	80	1.0	0.816	0.0	81.9	−1.9	86.5	86.5	91.2
624	R76Y_087_050d	0.875	0.75	0.375	0.875	0.5	0.625	76	0.875	0.758	0.375	77.9	0.5	41.9	41.9	89.2	0.875	0.75	0.375	81.3	−2.5	38.7	38.8	93.6	5.5	77	1.0	0.766	0.0	79.9	1.0	83.9	83.9	89.2
625	R68Y_087_037d	0.875	0.75	0.5	0.875	0.375	0.687	71	0.875	0.756	0.5	78.5	2.6	29.8	29.9	84.9	0.875	0.75	0.5	82.2	−0.6	26.3	26.3	91.4	6.0	71	1.0	0.683	0.0	76.2	7.0	79.5	79.8	84.9
626	R50Y_087_025d	0.875	0.75	0.625	0.875	0.25	0.75	60	0.875	0.75	0.625	78.6	5.6	16.9	17.8	71.4	0.875	0.75	0.625	83.0	1.6	15.7	15.8	84.0	6.0	59	1.0	0.5	0.0	67.2	22.6	67.6	71.2	71.4
627	R00Y_087_012d	0.875	0.75	0.75	0.875	0.125	0.812	390	0.875	0.75	0.75	79.7	7.9	5.1	9.5	32.8	0.875	0.75	0.75	84.1	3.7	6.3	7.3	59.5	6.2	389	1.0	0.0	0.0	47.3	63.8	41.2	76.0	32.8
628	B50R_087_012d	0.875	0.75	0.875	0.875	0.125	0.812	330	0.875	0.75	0.875	79.8	9.1	−1.0	9.1	353.3	0.875	0.75	0.875	84.8	6.0	−2.0	6.3	341.0	5.9	330	1.0	0.0	1.0	48.2	72.8	−8.5	73.3	353.3
629	B25R_100_025d	0.875	0.75	1.0	1.0	0.25	0.875	300	0.875	0.75	1.0	81.0	13.4	−6.5	14.9	333.9	0.875	0.75	1.0	81.8	10.6	−7.1	12.8	326.1	2.9	300	0.5	0.0	1.0	37.8	53.8	−26.3	59.9	333.9
630	Y00G_087_087d	0.875	0.875	0.0	0.875	0.875	0.437	90	0.875	0.875	0.0	79.5	−10.4	83.2	83.8	97.1	0.875	0.875	0.0	83.0	−12.0	84.5	85.4	98.1	4.1	89	1.0	1.0	0.0	88.3	−11.9	95.1	95.8	97.1
631	Y00G_087_075d	0.875	0.875	0.125	0.875	0.75	0.5	90	0.875	0.875	0.125	80.4	−8.9	71.3	71.9	97.1	0.875	0.875	0.125	83.8	−11.3	69.7	70.7	99.2	4.4	89	1.0	1.0	0.0	88.3	−11.9	95.1	95.8	97.1
632	Y00G_087_062d	0.875	0.875	0.25	0.875	0.625	0.562	90	0.875	0.875	0.25	81.3	−7.4	59.4	59.9	97.1	0.875	0.875	0.25	84.8	−10.3	56.5	57.5	100.3	5.3	89	1.0	1.0	0.0	88.3	−11.9	95.1	95.8	97.1
633	Y00G_087_050d	0.875	0.875	0.375	0.875	0.5	0.625	90	0.875	0.875	0.375	82.2	−5.9	47.5	47.9	97.1	0.875	0.875	0.375	85.8	−8.7	42.1	43.0	101.7	7.0	89	1.0	1.0	0.0	88.3	−11.9	95.1	95.8	97.1
634	Y00G_087_037d	0.875	0.875	0.5	0.875	0.375	0.687	90	0.875	0.875	0.5	83.0	−4.4	35.6	35.9	97.1	0.875	0.875	0.5	87.0	−6.8	29.5	30.3	103.1	7.6	89	1.0	1.0	0.0	88.3	−11.9	95.1	95.8	97.1
635	Y00G_087_025d	0.875	0.875	0.625	0.875	0.25	0.75	90	0.875	0.875	0.625	83.9	−2.9	23.7	23.9	97.1	0.875	0.875	0.625	88.0	−4.7	18.6	19.2	104.4	6.8	89	1.0	1.0	0.0	88.3	−11.9	95.1	95.8	97.1
636	Y00G_087_012d	0.875	0.875	0.75	0.875	0.125	0.812	90	0.875	0.875	0.75	84.8	−1.4	11.8	11.9	97.1	0.875	0.875	0.75	88.8	−2.5	8.6	9.0	106.5	5.2	89	1.0	1.0	0.0	88.3	−11.9	95.1	95.8	97.1
637	NW_087d	0.875	0.875	0.875	0.875	0.0	0.875	360	0.875	0.875	0.875	85.7	0.0	0.0	0.0	0.0	0.875	0.875	0.875	89.7	−0.1	−0.1	0.2	234.3	4.0	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
638	B00R_100_012d	0.875	0.875	1.0	1.0	0.125	0.937	270	0.875	0.875	1.0	86.7	2.9	−5.9	6.6	296.4	0.875	0.875	1.0	87.9	3.1	−5.6	6.4	298.9	1.3	270	0.0	0.0	1.0	25.3	23.5	−47.3	52.8	296.4
639	Y11G_100_100d	0.875	1.0	0.0	1.0	1.0	0.5	97	0.883	1.0	0.0	86.0	−15.9	89.0	90.4	100.1	0.875	1.0	0.0	85.8	−16.2	88.6	90.0	100.3	0.5	96	0.883	1.0	0.0	86.0	−15.9	89.0	90.4	100.1
640	Y13G_100_087d	0.875	1.0	0.125	1.0	0.875	0.562	98	0.883	1.0	0.125	86.8	−14.4	77.2	78.5	100.5	0.875	1.0	0.125	86.5	−15.6	74.4	76.0	101.8	3.0	97	0.866	1.0	0.0	85.6	−16.4	88.2	89.7	100.5
641	Y15G_100_075d	0.875	1.0	0.25	1.0	0.75	0.625	99	0.887	1.0	0.25	87.8	−12.7	65.6	66.8	100.9	0.875	1.0	0.25	87.5	−14.3	61.6	63.3	103.1	4.2	97	0.85	1.0	0.0	85.2	−16.9	87.4	89.1	100.9
642	Y18G_100_062d	0.875	1.0	0.375	1.0	0.625	0.687	101	0.885	1.0	0.375	88.6	−11.2	53.7	54.9	101.7	0.875	1.0	0.375	87.9	−13.2	47.9	49.7	105.4	6.1	99	0.816	1.0	0.0	84.5	−17.9	86.0	87.8	101.7
643	Y23G_100_050d	0.875	1.0	0.5	1.0	0.5	0.75	104	0.883	1.0	0.5	89.4	−9.6	41.8	42.9	102.9	0.875	1.0	0.5	89.2	−11.4	35.4	37.2	107.9	6.6	102	0.766	1.0	0.0	83.3	−19.2	83.7	85.9	102.9
644	Y31G_100_037d	0.875	1.0	0.625	1.0	0.375	0.812	109	0.881	1.0	0.625	89.6	−8.5	29.8	31.0	106.0	0.875	1.0	0.625	90.3	−9.4	23.8	25.6	111.5	6.0	108	0.683	1.0	0.0	79.8	−22.8	79.5	82.7	106.0
645	Y50G_100_025d	0.875	1.0	0.75	1.0	0.25	0.875	120	0.875	1.0	0.75	89.8	−7.8	16.5	18.2	115.3	0.875	1.0	0.75	90.8	−7.5	13.3	15.3	119.5	3.3	119	0.5	1.0	0.0	72.7	−31.3	66.0	73.1	115.3
646	G00B_100_012d	0.875	1.0	0.875	1.0	0.125	0.937	150	0.875	1.0	0.875	90.0	−8.6	3.5	9.2	157.7	0.875	1.0	0.875	91.7	−5.2	4.3	6.8	140.1	3.8	149	0.0	1.0	0.0	51.9	−68.8	28.1	74.3	157.7
647	G50B_100_012d	0.875	1.0	1.0	1.0	0.125	0.937	210	0.875	1.0	1.0	90.8	−3.6	−5.4	6.5	236.1	0.875	1.0	1.0	92.5	−2.7	−3.9	4.8	234.8	2.4	210	0.0	1.0	1.0	58.3	−29.2	−43.7	52.6	236.1

delta $E^{*\prime}$ = 4.8

2-0032630-F0 QS140−7N, 27/33−F

gráfico TUB-QS14; código de tono: H^*_d=R50Y_d
colores y differencia en color, $\Delta E^{*\prime}$

entrada: *rgb/cmyk* −> rgb_d
salida: transfiera a $cmyk_d$

http://130.149.60.45/~farbmetrik/QS14/QS14L0NP.PDF /.PS; salida de transferencia
N: ninguna 3D-linealización (OL) en archivo (F) o PS-startup (S), página 28/33

TUB matrícula: 20130201-QS14/QS14L0NP.PDF /.PS
aplicación para la medida salida en la impressión offset, separación cmyn6 (CMYK)

TUB material: code=rha4ta

n	HIC*Fd	rgb_Fd			ict_Fd			hsi_F,d	rgb*Fd			LabCh*Fd					rgb*'Fd			LabCh*'Fd					DE*'Fd	hsiM,d	rgb*Md			LabCh*Md				
648	R00Y_100_100d	1.0	0.0	0.0	1.0	1.0	0.5	390	1.0	0.0	0.0	47.3	63.8	41.2	76.0	32.8	1.0	0.0	0.0	47.3	63.8	41.2	76.0	32.8	0.0	389	1.0	0.0	0.0	47.3	63.8	41.2	76.0	32.8
649	R38Y_100_100d	1.0	0.0	0.125	1.0	1.0	0.5	383	1.0	0.0	0.116	47.4	64.4	35.5	73.6	28.9	1.0	0.0	0.125	47.4	64.4	35.1	73.4	28.6	0.3	383	1.0	0.0	0.116	47.4	64.4	35.5	73.6	28.9
650	R26Y_100_100d	1.0	0.0	0.25	1.0	1.0	0.5	376	1.0	0.0	0.233	47.6	65.0	29.7	71.5	24.5	1.0	0.0	0.25	47.7	65.0	28.9	71.2	23.9	0.8	377	1.0	0.0	0.233	47.6	65.0	29.7	71.5	24.5
651	R13Y_100_100d	1.0	0.0	0.375	1.0	1.0	0.5	368	1.0	0.0	0.366	47.7	66.1	22.3	69.7	18.6	1.0	0.0	0.375	47.7	66.1	21.8	69.6	18.2	0.4	368	1.0	0.0	0.366	47.7	66.1	22.3	69.7	18.6
652	R00Y_100_100d	1.0	0.0	0.5	1.0	1.0	0.5	360	1.0	0.0	0.5	47.7	67.7	14.0	69.1	11.6	1.0	0.0	0.5	47.7	67.7	14.0	69.1	11.6	0.0	360	1.0	0.0	0.5	47.7	67.7	14.0	69.1	11.6
653	B68R_100_100d	1.0	0.0	0.625	1.0	1.0	0.5	352	1.0	0.0	0.633	48.0	69.0	6.6	69.3	5.5	1.0	0.0	0.625	48.0	68.9	7.1	69.3	5.8	0.4	351	1.0	0.0	0.633	48.0	69.0	6.6	69.3	5.5
654	B61R_100_100d	1.0	0.0	0.75	1.0	1.0	0.5	344	1.0	0.0	0.766	48.1	70.6	−0.2	70.6	359.8	1.0	0.0	0.75	48.1	70.4	0.3	70.4	0.3	0.6	342	1.0	0.0	0.766	48.1	70.6	−0.2	70.6	359.8
655	B55R_100_100d	1.0	0.0	0.875	1.0	1.0	0.5	337	1.0	0.0	0.883	48.2	71.7	−4.6	71.8	356.3	1.0	0.0	0.875	48.2	71.6	−4.3	71.7	356.5	0.2	336	1.0	0.0	0.883	48.2	71.7	−4.6	71.8	356.3
656	B50R_100_100d	1.0	0.0	1.0	1.0	1.0	0.5	330	1.0	0.0	1.0	48.2	72.8	−8.5	73.3	353.3	1.0	0.0	1.0	48.2	72.8	−8.5	73.3	353.3	0.0	330	1.0	0.0	1.0	48.2	72.8	−8.5	73.3	353.3
657	R11Y_100_100d	1.0	0.125	0.0	1.0	1.0	0.5	37	1.0	0.116	0.0	50.9	55.5	46.4	72.3	39.9	1.0	0.125	0.0	51.2	54.9	46.7	72.1	40.4	0.7	36	1.0	0.116	0.0	50.9	55.5	46.4	72.3	39.9
658	R00Y_100_087d	1.0	0.125	0.125	1.0	0.875	0.562	390	1.0	0.125	0.125	53.3	55.8	36.0	66.5	32.8	1.0	0.125	0.125	51.9	54.5	39.8	67.5	36.1	4.2	389	1.0	0.0	0.0	47.3	63.8	41.2	76.0	32.8
659	R36Y_100_087d	1.0	0.125	0.25	1.0	0.875	0.562	382	1.0	0.125	0.241	53.4	56.4	30.4	64.1	28.3	1.0	0.125	0.25	52.3	54.8	32.4	63.7	30.5	2.7	382	1.0	0.0	0.133	47.4	64.5	34.7	73.2	28.3
660	R23Y_100_087d	1.0	0.125	0.375	1.0	0.875	0.562	374	1.0	0.125	0.358	53.7	57.1	24.4	62.1	23.2	1.0	0.125	0.375	52.5	55.7	25.4	61.2	24.5	2.0	375	1.0	0.0	0.266	47.7	65.2	27.9	71.0	23.2
661	R08Y_100_087d	1.0	0.125	0.5	1.0	0.875	0.562	365	1.0	0.125	0.489	53.7	58.4	16.8	60.8	16.0	1.0	0.125	0.5	52.6	57.3	16.6	59.6	16.1	1.5	365	1.0	0.0	0.416	47.7	66.7	19.2	69.5	16.0
662	B70R_100_087d	1.0	0.125	0.625	1.0	0.875	0.562	355	1.0	0.125	0.635	53.8	60.0	8.2	60.5	7.8	1.0	0.125	0.625	53.2	58.3	8.0	58.8	7.8	1.8	354	1.0	0.0	0.583	47.9	68.6	9.4	69.2	7.8
663	B63R_100_087d	1.0	0.125	0.75	1.0	0.875	0.562	346	1.0	0.125	0.766	54.0	61.5	1.1	61.5	1.0	1.0	0.125	0.75	53.3	60.0	0.9	60.0	0.9	1.6	344	1.0	0.0	0.733	48.1	70.3	1.3	70.3	1.0
664	B56R_100_087d	1.0	0.125	0.875	1.0	0.875	0.562	338	1.0	0.125	0.883	54.1	62.6	−3.5	62.7	356.7	1.0	0.125	0.875	53.6	61.1	−4.1	61.2	356.0	1.7	337	1.0	0.0	0.866	48.2	71.5	−4.0	71.7	356.7
665	B50R_100_087d	1.0	0.125	1.0	1.0	0.875	0.562	330	1.0	0.125	1.0	54.1	63.7	−7.4	64.1	353.3	1.0	0.125	1.0	54.0	62.0	−9.0	62.6	351.6	2.3	330	1.0	0.0	1.0	48.2	72.8	−8.5	73.3	353.3
666	R23Y_100_100d	1.0	0.25	0.0	1.0	1.0	0.5	44	1.0	0.233	0.0	55.3	45.8	52.2	69.5	48.7	1.0	0.25	0.0	56.0	44.4	53.0	69.1	50.0	1.7	42	1.0	0.233	0.0	55.3	45.8	52.2	69.5	48.7
667	R13Y_100_087d	1.0	0.25	0.125	1.0	0.875	0.562	38	1.0	0.241	0.125	57.0	47.4	41.3	62.9	41.0	1.0	0.25	0.125	56.9	43.7	45.0	62.7	45.8	5.2	37	1.0	0.133	0.0	51.5	54.2	47.2	71.9	41.0
668	R00Y_100_075d	1.0	0.25	0.25	1.0	0.75	0.625	390	1.0	0.25	0.25	59.3	47.9	30.9	57.0	32.8	1.0	0.25	0.25	57.8	43.2	36.7	56.7	40.3	7.6	389	1.0	0.0	0.0	47.3	63.8	41.2	76.0	32.8
669	R35Y_100_075d	1.0	0.25	0.375	1.0	0.75	0.625	381	1.0	0.25	0.362	59.5	48.4	25.4	54.7	27.6	1.0	0.25	0.375	58.2	43.9	29.0	52.6	33.4	5.9	382	1.0	0.0	0.15	47.5	64.6	33.9	72.9	27.6
670	R18Y_100_075d	1.0	0.25	0.5	1.0	0.75	0.625	371	1.0	0.25	0.487	59.6	49.3	18.8	52.8	20.9	1.0	0.25	0.5	58.5	45.1	20.1	49.5	24.0	4.4	371	1.0	0.0	0.316	47.7	65.7	25.1	70.4	20.9
671	R00Y_100_075d	1.0	0.25	0.625	1.0	0.75	0.625	360	1.0	0.25	0.625	59.6	50.7	10.5	51.8	11.6	1.0	0.25	0.625	59.4	46.0	10.9	47.3	13.3	4.7	360	1.0	0.0	0.5	47.7	67.7	14.0	69.1	11.6
672	B65R_100_075d	1.0	0.25	0.75	1.0	0.75	0.625	349	1.0	0.25	0.762	59.9	52.3	3.0	52.3	3.2	1.0	0.25	0.75	59.6	47.8	2.8	47.9	3.4	4.4	348	1.0	0.0	0.683	48.1	69.7	4.0	69.8	3.2
673	B57R_100_075d	1.0	0.25	0.875	1.0	0.75	0.625	339	1.0	0.25	0.887	60.0	53.5	−2.5	53.6	357.2	1.0	0.25	0.875	60.3	48.9	−3.2	49.0	356.2	4.7	337	1.0	0.0	0.85	48.2	71.4	−3.3	71.5	357.2
674	B50R_100_075d	1.0	0.25	1.0	1.0	0.75	0.625	330	1.0	0.25	1.0	60.0	54.6	−6.4	55.0	353.3	1.0	0.25	1.0	60.4	50.3	−8.3	51.0	350.5	4.6	330	1.0	0.0	1.0	48.2	72.8	−8.5	73.3	353.3
675	R36Y_100_100d	1.0	0.375	0.0	1.0	1.0	0.5	52	1.0	0.366	0.0	61.0	34.0	59.9	68.9	60.4	1.0	0.375	0.0	61.4	33.2	60.3	68.8	61.1	0.9	51	1.0	0.366	0.0	61.0	34.0	59.9	68.9	60.4
676	R26Y_100_087d	1.0	0.375	0.125	1.0	0.875	0.562	46	1.0	0.358	0.125	61.5	37.6	47.3	60.4	51.5	1.0	0.375	0.125	61.6	34.2	49.9	60.5	55.5	4.2	44	1.0	0.266	0.0	56.7	43.0	54.1	69.1	51.5
677	R15Y_100_075d	1.0	0.375	0.25	1.0	0.75	0.625	39	1.0	0.362	0.25	63.0	39.6	36.1	53.6	42.3	1.0	0.375	0.25	62.4	34.2	40.6	53.1	49.9	7.0	37	1.0	0.15	0.0	52.1	52.8	48.1	71.5	42.3
678	R00Y_100_062d	1.0	0.375	0.375	1.0	0.625	0.687	390	1.0	0.375	0.375	65.4	39.9	25.7	47.5	32.8	1.0	0.375	0.375	63.8	33.3	31.8	46.1	43.7	9.1	389	1.0	0.0	0.0	47.3	63.8	41.2	76.0	32.8
679	R31Y_100_062d	1.0	0.375	0.5	1.0	0.625	0.687	379	1.0	0.375	0.489	65.5	40.5	20.1	45.2	26.4	1.0	0.375	0.5	64.1	34.6	22.9	41.5	33.4	6.6	380	1.0	0.0	0.183	47.5	64.8	32.2	72.4	26.4
680	R11Y_100_062d	1.0	0.375	0.625	1.0	0.625	0.687	367	1.0	0.375	0.614	65.6	41.4	13.3	43.5	17.8	1.0	0.375	0.625	65.1	35.3	14.0	38.0	21.7	6.1	367	1.0	0.0	0.383	47.7	66.3	21.3	69.6	17.8
681	B69R_100_062d	1.0	0.375	0.75	1.0	0.625	0.687	353	1.0	0.375	0.76	65.8	43.0	4.7	43.3	6.2	1.0	0.375	0.75	65.7	37.2	4.8	37.5	7.4	5.8	352	1.0	0.0	0.616	48.0	68.8	7.5	69.2	6.2
682	B59R_100_062d	1.0	0.375	0.875	1.0	0.625	0.687	341	1.0	0.375	0.885	65.9	44.4	−1.3	44.4	358.3	1.0	0.375	0.875	66.3	38.5	−2.0	38.5	357.0	5.9	339	1.0	0.0	0.816	48.2	71.1	−2.1	71.1	358.3
683	B50R_100_062d	1.0	0.375	1.0	1.0	0.625	0.687	330	1.0	0.375	1.0	65.9	45.5	−5.3	45.8	353.3	1.0	0.375	1.0	66.5	40.1	−7.4	40.8	349.4	5.8	330	1.0	0.0	1.0	48.2	72.8	−8.5	73.3	353.3
684	R50Y_100_100d	1.0	0.5	0.0	1.0	1.0	0.5	60	1.0	0.5	0.0	67.2	22.6	67.6	71.2	71.4	1.0	0.5	0.0	67.2	22.6	67.6	71.2	71.4	0.0	59	1.0	0.5	0.0	67.2	22.6	67.6	71.2	71.4
685	R41Y_100_087d	1.0	0.5	0.125	1.0	0.875	0.562	55	1.0	0.489	0.125	67.3	26.1	55.0	60.9	64.6	1.0	0.5	0.125	67.0	23.9	55.7	60.6	66.7	2.3	54	1.0	0.416	0.0	63.3	29.8	62.9	69.6	64.6
686	R31Y_100_075d	1.0	0.5	0.25	1.0	0.75	0.625	49	1.0	0.487	0.25	68.0	28.9	42.8	51.7	55.9	1.0	0.5	0.25	67.7	24.3	45.3	51.4	61.7	5.2	48	1.0	0.316	0.0	58.9	38.6	57.1	69.0	55.9
687	R18Y_100_062d	1.0	0.5	0.375	1.0	0.625	0.687	41	1.0	0.489	0.375	69.2	31.3	31.2	44.2	44.9	1.0	0.5	0.375	68.5	24.9	35.7	43.5	55.0	7.7	39	1.0	0.183	0.0	53.4	50.1	49.9	70.7	44.9
688	R00Y_100_050d	1.0	0.5	0.5	1.0	0.5	0.75	390	1.0	0.5	0.5	71.4	31.9	20.6	38.0	32.8	1.0	0.5	0.5	69.7	25.2	25.3	35.7	45.0	8.3	389	1.0	0.0	0.0	47.3	63.8	41.2	76.0	32.8
689	R26Y_100_050d	1.0	0.5	0.625	1.0	0.5	0.75	376	1.0	0.5	0.616	71.5	32.5	14.8	35.7	24.5	1.0	0.5	0.625	70.6	26.3	16.0	30.8	31.2	6.3	377	1.0	0.0	0.233	47.6	65.0	29.7	71.5	24.5
690	R00Y_100_050d	1.0	0.5	0.75	1.0	0.5	0.75	360	1.0	0.5	0.75	71.6	33.8	7.0	34.5	11.6	1.0	0.5	0.75	71.3	27.8	7.4	28.8	14.9	5.9	360	1.0	0.0	0.5	47.7	67.7	14.0	69.1	11.6
691	B61R_100_050d	1.0	0.5	0.875	1.0	0.5	0.75	344	1.0	0.5	0.883	71.8	35.3	−0.1	35.3	359.8	1.0	0.5	0.875	71.8	29.7	−0.2	29.7	359.5	5.6	342	1.0	0.0	0.766	48.1	70.6	−0.2	70.6	359.8
692	B50R_100_050d	1.0	0.5	1.0	1.0	0.5	0.75	330	1.0	0.5	1.0	71.8	36.4	−4.2	36.6	353.3	1.0	0.5	1.0	72.3	31.2	−6.6	31.9	348.0	5.6	330	1.0	0.0	1.0	48.2	72.8	−8.5	73.3	353.3
693	R63Y_100_100d	1.0	0.625	0.0	1.0	1.0	0.5	68	1.0	0.633	0.0	74.0	10.4	76.6	77.3	82.2	1.0	0.625	0.0	73.6	11.0	76.1	76.9	81.7	0.8	68	1.0	0.633	0.0	74.0	10.4	76.6	77.3	82.2
694	R58Y_100_087d	1.0	0.625	0.125	1.0	0.875	0.562	65	1.0	0.635	0.125	74.4	13.2	64.3	65.7	78.3	1.0	0.625	0.125	74.4	11.1	64.1	65.0	80.1	2.1	65	1.0	0.583	0.0	71.5	15.1	73.5	75.0	78.3
695	R50Y_100_075d	1.0	0.625	0.25	1.0	0.75	0.625	60	1.0	0.625	0.25	74.2	16.9	50.7	53.4	71.4	1.0	0.625	0.25	74.6	12.3	52.5	53.9	76.7	4.9	59	1.0	0.5	0.0	67.2	22.6	67.6	71.2	71.4
696	R38Y_100_062d	1.0	0.625	0.375	1.0	0.625	0.687	53	1.0	0.614	0.375	74.4	20.3	38.0	43.1	61.8	1.0	0.625	0.375	75.0	13.8	40.8	43.1	71.2	7.1	52	1.0	0.383	0.0	61.8	32.5	60.8	69.0	61.8
697	R23Y_100_050d	1.0	0.625	0.5	1.0	0.5	0.75	44	1.0	0.616	0.5	75.4	22.9	26.1	34.7	48.7	1.0	0.625	0.5	75.9	15.0	29.5	33.1	62.9	8.5	42	1.0	0.233	0.0	55.3	45.8	52.2	69.5	48.7
698	R00Y_100_037d	1.0	0.625	0.625	1.0	0.375	0.812	390	1.0	0.625	0.625	77.4	23.9	15.4	28.5	32.8	1.0	0.625	0.625	77.3	15.8	19.5	25.1	50.9	9.0	389	1.0	0.0	0.0	47.3	63.8	41.2	76.0	32.8
699	R18Y_100_037d	1.0	0.625	0.75	1.0	0.375	0.812	371	1.0	0.625	0.743	77.5	24.6	9.4	26.4	20.9	1.0	0.625	0.75	77.8	17.6	10.7	20.6	31.2	7.1	371	1.0	0.0	0.316	47.7	65.7	25.1	70.4	20.9
700	B65R_100_037d	1.0	0.625	0.875	1.0	0.375	0.812	349	1.0	0.625	0.881	77.7	26.1	1.5	26.1	3.2	1.0	0.625	0.875	78.9	19.2	2.0	19.3	5.9	7.0	348	1.0	0.0	0.683	48.1	69.7	4.0	69.8	3.2
701	B50R_100_037d	1.0	0.625	1.0	1.0	0.375	0.812	330	1.0	0.625	1.0	77.7	27.3	−3.2	27.5	353.3	1.0	0.625	1.0	79.4	21.1	−4.9	21.6	346.9	6.6	330	1.0	0.0	1.0	48.2	72.8	−8.5	73.3	353.3
702	R76Y_100_100d	1.0	0.75	0.0	1.0	1.0	0.5	76	1.0	0.766	0.0	79.9	1.0	83.9	83.9	89.2	1.0	0.75	0.0	79.2	2.0	83.0	83.1	88.5	1.4	77	1.0	0.766	0.0	79.9	1.0	83.9	83.9	89.2
703	R73Y_100_087d	1.0	0.75	0.125	1.0	0.875	0.562	74	1.0	0.766	0.125	80.6	2.9	71.9	72.0	87.6	1.0	0.75	0.125	79.8	2.3	70.3	70.3	88.0	1.9	75	1.0	0.733	0.0	78.5	3.3	82.2	82.3	87.6
704	R68Y_100_075d	1.0	0.75	0.25	1.0	0.75	0.625	71	1.0	0.762	0.25	81.0	5.2	59.6	59.8	84.9	1.0	0.75	0.25	80.5	3.1	57.8	57.8	86.8	2.8	71	1.0	0.683	0.0	76.2	7.0	79.5	79.8	84.9
705	R61Y_100_062d	1.0	0.75	0.375	1.0	0.625	0.687	67	1.0	0.76	0.375	81.5	7.4	47.2	47.8	81.0	1.0	0.75	0.375	80.9	4.6	45.7	46.0	84.1	3.2	67	1.0	0.616	0.0	73.2	11.8	75.6	76.6	81.0
706	R50Y_100_050d	1.0	0.75	0.5	1.0	0.5	0.75	60	1.0	0.75	0.5	81.3	11.3	33.8	35.6	71.4	1.0	0.75	0.5	81.6	6.5	33.0	33.6	78.8	4.8	59	1.0	0.5	0.0	67.2	22.6	67.6	71.2	71.4
707	R31Y_100_037d	1.0	0.75	0.625	1.0	0.375	0.812	49	1.0	0.743	0.625	81.7	14.4	21.4	25.8	55.9	1.0	0.75	0.625	82.3	8.5	22.1	23.7	68.9	6.0	48	1.0	0.316	0.0	58.9	38.6	57.1	69.0	55.9
708	R00Y_100_025d	1.0	0.75	0.75	1.0	0.25	0.875	390	1.0	0.75	0.75	83.4	15.9	10.3	19.0	32.8	1.0	0.75	0.75	83.2	10.0	12.6	16.2	51.5	6.3	389	1.0	0.0	0.0	47.3	63.8	41.2	76.0	32.8
709	R00Y_100_025d	1.0	0.75	0.875	1.0	0.25	0.875	360	1.0	0.75	0.875	83.5	16.9	3.5	17.2	11.6	1.0	0.75	0.875	84.0	11.9	4.1	12.6	19.2	5.0	360	1.0	0.0	0.5	47.7	67.7	14.0	69.1	11.6
710	B50R_100_025d	1.0	0.75	1.0	1.0	0.25	0.875	330	1.0	0.75	1.0	83.6	18.2	−2.1	18.3	353.3	1.0	0.75	1.0	84.7	13.9	−3.6	14.4	345.5	4.6	330	1.0	0.0	1.0	48.2	72.8	−8.5	73.3	353.3
711	R88Y_100_100d	1.0	0.875	0.0	1.0	1.0	0.5	83	1.0	0.883	0.0	84.5	−6.1	89.8	90.0	93.8	1.0	0.875	0.0	84.2	−5.7	89.4	89.6	93.6	0.6	83	1.0	0.883	0.0	84.5	−6.1	89.8	90.0	93.8
712	R86Y_100_087d	1.0	0.875	0.125	1.0	0.875	0.562	82	1.0	0.883	0.125	85.3	−4.5	77.9	78.0	93.3	1.0	0.875	0.125	84.7	−5.1	75.8	76.0	93.9	2.2	82	1.0	0.866	0.0	83.9	−5.1	89.0	89.2	93.3
713	R85Y_100_075d	1.0	0.875	0.25	1.0	0.75	0.625	81	1.0	0.887	0.25	86.3	−3.0	66.1	66.2	92.6	1.0	0.875	0.25	85.9	−5.0	63.4	63.6	94.5	3.4	81	1.0	0.85	0.0	83.2	−4.0	88.2	88.3	92.6
714	R81Y_100_062d	1.0	0.875	0.375	1.0	0.625	0.687	79	1.0	0.885	0.375	87.0	−1.2	54.1	54.1	91.2	1.0	0.875	0.375	86.5	−3.6	50.7	50.8	94.1	4.1	80	1.0	0.816	0.0	81.9	−1.9	86.5	86.5	91.2
715	R76Y_100_050d	1.0	0.875	0.5	1.0	0.5	0.75	76	1.0	0.883	0.5	87.7	0.5	41.9	41.9	89.2	1.0	0.875	0.5	87.5	−2.1	37.5	37.6	93.3	5.1	77	1.0	0.766	0.0	79.9	1.0	83.9	83.9	89.2
716	R68Y_100_037d	1.0	0.875	0.625	1.0	0.375	0.812	71	1.0	0.881	0.625	88.2	2.6	29.8	29.9	84.9	1.0	0.875	0.625	88.4	−0.3	26.0	26.0	90.7	4.8	71	1.0	0.683	0.0	76.2	7.0	79.5	79.8	84.9
717	R50Y_100_025d	1.0	0.875	0.75	1.0	0.25	0.875	60	1.0	0.875	0.75	88.4	5.6	16.9	17.8	71.4	1.0	0.875	0.75	89.2	1.9	15.4	15.5	82.8	4.0	59	1.0	0.5	0.0	67.2	22.6	67.6	71.2	71.4
718	R00Y_100_012d	1.0	0.875	0.875	1.0	0.125	0.937	390	1.0	0.875	0.875	89.4	7.9	5.1	9.5	32.8	1.0	0.875	0.875	89.9	4.0	6.4	7.5	57.8	4.1	389	1.0	0.0	0.0	47.3	63.8	41.2	76.0	32.8
719	B50R_100_012d	1.0	0.875	1.0	1.0	0.125	0.937	330	1.0	0.875	1.0	89.5	9.1	−1.0	9.1	353.3	1.0	0.875	1.0	90.7	6.2	−1.9	6.5	342.9	3.1	330	1.0	0.0	1.0	48.2	72.8	−8.5	73.3	353.3
720	Y00G_100_100d	1.0	1.0	0.0	1.0	1.0	0.5	90	1.0	1.0	0.0	88.3	−11.9	95.1	95.8	97.1	1.0	1.0	0.0	88.3	−11.9	95.1	95.8	97.1	0.0	89	1.0	1.0	0.0	88.3	−11.9	95.1	95.8	97.1
721	Y00G_100_087d	1.0	1.0	0.125	1.0	0.875	0.562	90	1.0	1.0	0.125	89.2	−10.4	83.2	83.8	97.1	1.0	1.0	0.125	89.0	−11.6	81.2	82.1	98.1	2.2	89	1.0	1.0	0.0	88.3	−11.9	95.1	95.8	97.1
722	Y00G_100_075d	1.0	1.0	0.25	1.0	0.75	0.625	90	1.0	1.0	0.25	90.1	−8.9	71.3	71.9	97.1	1.0	1.0	0.25	89.9	−10.9	67.7	68.6	99.1	4.0	89	1.0	1.0	0.0	88.3	−11.9	95.1	95.8	97.1
723	Y00G_100_062d	1.0	1.0	0.375	1.0	0.625	0.687	90	1.0	1.0	0.375	91.0	−7.4	59.4	59.9	97.1	1.0	1.0	0.375	90.6	−9.8	55.1	56.0	100.1	4.9	89	1.0	1.0	0.0	88.3	−11.9	95.1	95.8	97.1
724	Y00G_100_050d	1.0	1.0	0.5	1.0	0.5	0.75	90	1.0	1.0	0.5	91.9	−5.9	47.5	47.9	97.1	1.0	1.0	0.5	91.8	−8.4	41.3	42.2	101.5	6.6	89	1.0	1.0	0.0	88.3	−11.9	95.1	95.8	97.1
725	Y00G_100_037d	1.0	1.0	0.625	1.0	0.375	0.812	90	1.0	1.0	0.625	92.8	−4.4	35.6	35.9	97.1	1.0	1.0	0.625	92.7	−6.5	29.2	29.9	102.6	6.7	89	1.0	1.0	0.0	88.3	−11.9	95.1	95.8	97.1
726	Y00G_100_025d	1.0	1.0	0.75	1.0	0.25	0.875	90	1.0	1.0	0.75	93.7	−2.9	23.7	23.9	97.1	1.0	1.0	0.75	93.7	−4.5	18.4	19.0	103.8	5.5	89	1.0	1.0	0.0	88.3	−11.9	95.1	95.8	97.1
727	Y00G_100_012d	1.0	1.0	0.875	1.0	0.125	0.937	90	1.0	1.0	0.875	94.5	−1.4	11.8	11.9	97.1	1.0	1.0	0.875	94.8	−2.3	8.8	9.1	105.1	3.2	89	1.0	1.0	0.0	88.3	−11.9	95.1	95.8	97.1
728	NW_100d	1.0	1.0	1.0	1.0	0.0	1.0	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0	0.0	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0

delta $E^{*\prime}$ = 3.9

2-0032730-F0

QS140-7N, 28/33-F

gráfico TUB-QS14; código de tono: H^*_d=R50Y_d
colores y differencia en color, $\Delta E^{*\prime}$

entrada: *rgb/cmyk* −> rgb_d
salida: transfiera a $cmyk_d$

vea archivos semejantes: http://130.149.60.45/~farbmetrik/QS14/QS14.HTM
información técnica: http://www.ps.bam.de o http://130.149.60.45/~farbmetrik

TUB matrícula: 20130201-QS14/QS14L0NP.PDF /.PS TUB material: code=rha4ta
aplicación para la medida salida en la impressión offset, separación cmyn6 (CMYK)

http://130.149.60.45/~farbmetrik/QS14/QS14L0NP.PDF /.PS; salida de transferencia
N: ninguna 3D-linealización (OL) en archivo (F) o PS-startup (S), página 29/33

n	HIC*Fd	rgb_Fd			ict_Fd			hsi_F,d	rgb*Fd			LabCh*Fd					rgb*'Fd			LabCh*'Fd					DE*'Fd	hsiM,d	rgb*Md			LabCh*Md				
729	NW_100d	1.0	1.0	1.0	1.0	0.0	1.0	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0	1.0	1.0	1.0	95.4	0.0	0.1	0.1	110.4	0.1	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
730	G50B_100_012d	0.875	1.0	1.0	1.0	0.125	0.937	210	0.875	1.0	1.0	90.8	−3.6	−5.4	6.5	236.1	0.875	1.0	1.0	92.0	−3.0	−4.0	5.1	233.1	1.9	210	0.0	1.0	1.0	58.3	−29.2	−43.7	52.6	236.1
731	G50B_100_025d	0.75	1.0	1.0	1.0	0.25	0.875	210	0.75	1.0	1.0	86.1	−7.3	−10.9	13.1	236.1	0.75	1.0	1.0	88.2	−5.9	−8.5	10.3	235.3	3.4	210	0.0	1.0	1.0	58.3	−29.2	−43.7	52.6	236.1
732	G50B_100_037d	0.625	1.0	1.0	1.0	0.375	0.812	210	0.625	1.0	1.0	81.5	−10.9	−16.4	19.7	236.1	0.625	1.0	1.0	84.1	−8.9	−13.3	16.0	236.0	4.5	210	0.0	1.0	1.0	58.3	−29.2	−43.7	52.6	236.1
733	G50B_100_050d	0.5	1.0	1.0	1.0	0.5	0.75	210	0.5	1.0	1.0	76.9	−14.6	−21.8	26.3	236.1	0.5	1.0	1.0	78.9	−12.7	−19.4	23.2	236.6	3.7	210	0.0	1.0	1.0	58.3	−29.2	−43.7	52.6	236.1
734	G50B_100_062d	0.375	1.0	1.0	1.0	0.625	0.687	210	0.375	1.0	1.0	72.2	−18.3	−27.3	32.9	236.1	0.375	1.0	1.0	74.2	−16.2	−24.8	29.7	236.8	3.7	210	0.0	1.0	1.0	58.3	−29.2	−43.7	52.6	236.1
735	G50B_100_075d	0.25	1.0	1.0	1.0	0.75	0.625	210	0.25	1.0	1.0	67.6	−21.9	−32.8	39.4	236.1	0.25	1.0	1.0	68.6	−20.4	−31.3	37.4	236.8	2.3	210	0.0	1.0	1.0	58.3	−29.2	−43.7	52.6	236.1
736	G50B_100_087d	0.125	1.0	1.0	1.0	0.875	0.562	210	0.125	1.0	1.0	62.9	−25.6	−38.2	46.0	236.1	0.125	1.0	1.0	63.3	−24.1	−37.3	44.4	237.1	1.8	210	0.0	1.0	1.0	58.3	−29.2	−43.7	52.6	236.1
737	G50B_100_100d	0.0	1.0	1.0	1.0	1.0	0.5	210	0.0	1.0	1.0	58.3	−29.2	−43.7	52.6	236.1	0.0	1.0	1.0	56.8	−28.8	−44.6	53.1	237.1	1.8	210	0.0	1.0	1.0	58.3	−29.2	−43.7	52.6	236.1
738	R00Y_100_012d	1.0	0.875	0.875	1.0	0.125	0.937	390	1.0	0.875	0.875	89.4	7.9	5.1	9.5	32.8	1.0	0.875	0.875	89.8	3.7	7.3	8.2	63.1	4.8	389	1.0	0.0	0.0	47.3	63.8	41.2	76.0	32.8
739	NW_087d	0.875	0.875	0.875	0.875	0.0	0.875	360	0.875	0.875	0.875	85.7	0.0	0.0	0.0	0.0	0.875	0.875	0.875	89.4	−0.1	0.0	0.1	197.0	3.6	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
740	G50B_087_012d	0.75	0.875	0.875	0.875	0.125	0.812	210	0.75	0.875	0.875	81.1	−3.6	−5.4	6.5	236.1	0.75	0.875	0.875	85.8	−3.2	−4.3	5.4	233.2	4.9	210	0.0	1.0	1.0	58.3	−29.2	−43.7	52.6	236.1
741	G50B_087_025d	0.625	0.875	0.875	0.875	0.25	0.75	210	0.625	0.875	0.875	76.4	−7.3	−10.9	13.1	236.1	0.625	0.875	0.875	81.8	−6.2	−8.8	10.8	234.7	5.8	210	0.0	1.0	1.0	58.3	−29.2	−43.7	52.6	236.1
742	G50B_087_037d	0.5	0.875	0.875	0.875	0.375	0.687	210	0.5	0.875	0.875	71.8	−10.9	−16.4	19.7	236.1	0.5	0.875	0.875	76.6	−10.0	−14.8	17.9	235.9	5.0	210	0.0	1.0	1.0	58.3	−29.2	−43.7	52.6	236.1
743	G50B_087_050d	0.375	0.875	0.875	0.875	0.5	0.625	210	0.375	0.875	0.875	67.1	−14.6	−21.8	26.3	236.1	0.375	0.875	0.875	71.7	−13.8	−20.3	24.6	235.8	4.8	210	0.0	1.0	1.0	58.3	−29.2	−43.7	52.6	236.1
744	G50B_087_062d	0.25	0.875	0.875	0.875	0.625	0.562	210	0.25	0.875	0.875	62.5	−18.3	−27.3	32.9	236.1	0.25	0.875	0.875	65.9	−18.0	−27.0	32.4	236.2	3.4	210	0.0	1.0	1.0	58.3	−29.2	−43.7	52.6	236.1
745	G50B_087_075d	0.125	0.875	0.875	0.875	0.75	0.5	210	0.125	0.875	0.875	57.9	−21.9	−32.8	39.4	236.1	0.125	0.875	0.875	60.6	−21.9	−33.0	39.7	236.3	2.7	210	0.0	1.0	1.0	58.3	−29.2	−43.7	52.6	236.1
746	G50B_087_087d	0.0	0.875	0.875	0.875	0.875	0.437	210	0.0	0.875	0.875	53.2	−25.6	−38.2	46.0	236.1	0.0	0.875	0.875	54.6	−27.0	−40.0	48.3	235.9	2.7	210	0.0	1.0	1.0	58.3	−29.2	−43.7	52.6	236.1
747	R00Y_100_025d	1.0	0.75	0.75	1.0	0.25	0.875	390	1.0	0.75	0.75	83.4	15.9	10.3	19.0	32.8	1.0	0.75	0.75	82.6	10.0	14.2	17.4	54.8	7.1	389	1.0	0.0	0.0	47.3	63.8	41.2	76.0	32.8
748	R00Y_087_012d	0.875	0.75	0.75	0.875	0.125	0.812	390	0.875	0.75	0.75	79.7	7.9	5.1	9.5	32.8	0.875	0.75	0.75	83.4	3.7	7.5	8.4	63.6	6.1	389	1.0	0.0	0.0	47.3	63.8	41.2	76.0	32.8
749	NW_075d	0.75	0.75	0.75	0.75	0.0	0.75	360	0.75	0.75	0.75	76.0	0.0	0.0	0.0	0.0	0.75	0.75	0.75	80.6	−0.2	−0.3	0.4	229.3	4.5	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
750	G50B_075_012d	0.625	0.75	0.75	0.75	0.125	0.687	210	0.625	0.75	0.75	71.3	−3.6	−5.4	6.5	236.1	0.625	0.75	0.75	77.2	−3.4	−4.5	5.6	233.2	5.9	210	0.0	1.0	1.0	58.3	−29.2	−43.7	52.6	236.1
751	G50B_075_025d	0.5	0.75	0.75	0.75	0.25	0.625	210	0.5	0.75	0.75	66.7	−7.3	−10.9	13.1	236.1	0.5	0.75	0.75	72.7	−6.7	−9.5	11.7	234.9	6.1	210	0.0	1.0	1.0	58.3	−29.2	−43.7	52.6	236.1
752	G50B_075_037d	0.375	0.75	0.75	0.75	0.375	0.562	210	0.375	0.75	0.75	62.1	−10.9	−16.4	19.7	236.1	0.375	0.75	0.75	67.5	−10.6	−15.4	18.7	235.4	5.4	210	0.0	1.0	1.0	58.3	−29.2	−43.7	52.6	236.1
753	G50B_075_050d	0.25	0.75	0.75	0.75	0.5	0.5	210	0.25	0.75	0.75	57.4	−14.6	−21.8	26.3	236.1	0.25	0.75	0.75	62.2	−14.6	−21.5	26.1	235.7	4.8	210	0.0	1.0	1.0	58.3	−29.2	−43.7	52.6	236.1
754	G50B_075_062d	0.125	0.75	0.75	0.75	0.625	0.437	210	0.125	0.75	0.75	52.8	−18.3	−27.3	32.9	236.1	0.125	0.75	0.75	56.3	−19.1	−28.1	34.0	235.7	3.6	210	0.0	1.0	1.0	58.3	−29.2	−43.7	52.6	236.1
755	G50B_075_075d	0.0	0.75	0.75	0.75	0.75	0.375	210	0.0	0.75	0.75	48.1	−21.9	−32.8	39.4	236.1	0.0	0.75	0.75	50.7	−24.0	−34.9	42.3	235.4	3.8	210	0.0	1.0	1.0	58.3	−29.2	−43.7	52.6	236.1
756	R00Y_100_037d	1.0	0.625	0.625	1.0	0.375	0.812	390	1.0	0.625	0.625	77.4	23.9	15.4	28.5	32.8	1.0	0.625	0.625	76.3	16.2	21.1	26.6	52.5	9.6	389	1.0	0.0	0.0	47.3	63.8	41.2	76.0	32.8
757	R00Y_087_025d	0.875	0.625	0.625	0.875	0.25	0.75	390	0.875	0.625	0.625	73.7	15.9	10.3	19.0	32.8	0.875	0.625	0.625	75.6	10.8	14.7	18.3	53.8	7.1	389	1.0	0.0	0.0	47.3	63.8	41.2	76.0	32.8
758	R00Y_075_012d	0.75	0.625	0.625	0.75	0.125	0.687	390	0.75	0.625	0.625	70.0	7.9	5.1	9.5	32.8	0.75	0.625	0.625	74.6	4.1	7.3	8.4	60.6	6.3	389	1.0	0.0	0.0	47.3	63.8	41.2	76.0	32.8
759	NW_062d	0.625	0.625	0.625	0.625	0.0	0.625	360	0.625	0.625	0.625	66.3	0.0	0.0	0.0	0.0	0.625	0.625	0.625	73.0	−0.3	−0.3	0.4	225.7	6.7	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
760	G50B_062_012d	0.5	0.625	0.625	0.625	0.125	0.562	210	0.5	0.625	0.625	61.6	−3.6	−5.4	6.5	236.1	0.5	0.625	0.625	68.5	−3.8	−5.1	6.3	233.2	6.8	210	0.0	1.0	1.0	58.3	−29.2	−43.7	52.6	236.1
761	G50B_062_025d	0.375	0.625	0.625	0.625	0.25	0.5	210	0.375	0.625	0.625	57.0	−7.3	−10.9	13.1	236.1	0.375	0.625	0.625	63.8	−7.4	−10.5	12.9	234.7	6.8	210	0.0	1.0	1.0	58.3	−29.2	−43.7	52.6	236.1
762	G50B_062_037d	0.25	0.625	0.625	0.625	0.375	0.437	210	0.25	0.625	0.625	52.3	−10.9	−16.4	19.7	236.1	0.25	0.625	0.625	58.5	−11.7	−16.7	20.4	234.9	6.2	210	0.0	1.0	1.0	58.3	−29.2	−43.7	52.6	236.1
763	G50B_062_050d	0.125	0.625	0.625	0.625	0.5	0.375	210	0.125	0.625	0.625	47.7	−14.6	−21.8	26.3	236.1	0.125	0.625	0.625	52.5	−16.4	−23.4	28.6	235.0	5.3	210	0.0	1.0	1.0	58.3	−29.2	−43.7	52.6	236.1
764	G50B_062_062d	0.0	0.625	0.625	0.625	0.625	0.312	210	0.0	0.625	0.625	43.1	−18.3	−27.3	32.9	236.1	0.0	0.625	0.625	46.6	−21.2	−30.3	37.0	234.9	5.5	210	0.0	1.0	1.0	58.3	−29.2	−43.7	52.6	236.1
765	R00Y_100_050d	1.0	0.5	0.5	1.0	0.5	0.75	390	1.0	0.5	0.5	71.4	31.9	20.6	38.0	32.8	1.0	0.5	0.5	68.0	26.9	26.5	37.8	44.5	8.4	389	1.0	0.0	0.0	47.3	63.8	41.2	76.0	32.8
766	R00Y_087_037d	0.875	0.5	0.5	0.875	0.375	0.687	390	0.875	0.5	0.5	67.7	23.9	15.4	28.5	32.8	0.875	0.5	0.5	68.9	17.9	21.4	27.9	50.0	8.5	389	1.0	0.0	0.0	47.3	63.8	41.2	76.0	32.8
767	R00Y_075_025d	0.75	0.5	0.5	0.75	0.25	0.625	390	0.75	0.5	0.5	64.0	15.9	10.3	19.0	32.8	0.75	0.5	0.5	66.9	11.3	14.3	18.3	51.8	6.8	389	1.0	0.0	0.0	47.3	63.8	41.2	76.0	32.8
768	R00Y_062_012d	0.625	0.5	0.5	0.625	0.125	0.562	390	0.625	0.5	0.5	60.2	7.9	5.1	9.5	32.8	0.625	0.5	0.5	66.0	4.8	7.1	8.6	55.4	6.8	389	1.0	0.0	0.0	47.3	63.8	41.2	76.0	32.8
769	NW_050d	0.5	0.5	0.5	0.5	0.0	0.5	360	0.5	0.5	0.5	56.5	0.0	0.0	0.0	0.0	0.5	0.5	0.5	64.6	−0.3	−0.4	0.5	228.4	8.0	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
770	G50B_050_012d	0.375	0.5	0.5	0.5	0.125	0.437	210	0.375	0.5	0.5	51.9	−3.6	−5.4	6.5	236.1	0.375	0.5	0.5	59.9	−4.0	−5.4	6.8	233.0	8.0	210	0.0	1.0	1.0	58.3	−29.2	−43.7	52.6	236.1
771	G50B_050_025d	0.25	0.5	0.5	0.5	0.25	0.375	210	0.249	0.5	0.5	47.3	−7.3	−10.9	13.1	236.1	0.25	0.5	0.5	54.3	−8.5	−11.9	14.6	234.2	7.2	210	0.0	1.0	1.0	58.3	−29.2	−43.7	52.6	236.1
772	G50B_050_037d	0.125	0.5	0.5	0.5	0.375	0.312	210	0.124	0.5	0.5	42.6	−10.9	−16.4	19.7	236.1	0.125	0.5	0.5	48.5	−12.9	−18.3	22.5	234.7	6.5	210	0.0	1.0	1.0	58.3	−29.2	−43.7	52.6	236.1
773	G50B_050_050d	0.0	0.5	0.5	0.5	0.5	0.25	210	0.0	0.5	0.5	38.0	−14.6	−21.8	26.3	236.1	0.0	0.5	0.5	42.8	−17.9	−25.2	30.9	234.5	6.7	210	0.0	1.0	1.0	58.3	−29.2	−43.7	52.6	236.1
774	R00Y_100_062d	1.0	0.375	0.375	1.0	0.625	0.687	390	1.0	0.375	0.375	65.4	39.9	25.7	47.5	32.8	1.0	0.375	0.375	61.0	36.8	32.8	49.3	41.6	8.8	389	1.0	0.0	0.0	47.3	63.8	41.2	76.0	32.8
775	R00Y_087_050d	0.875	0.375	0.375	0.875	0.5	0.625	390	0.875	0.375	0.375	61.6	31.9	20.6	38.0	32.8	0.875	0.375	0.375	60.8	28.9	27.3	39.8	43.3	7.4	389	1.0	0.0	0.0	47.3	63.8	41.2	76.0	32.8
776	R00Y_075_037d	0.75	0.375	0.375	0.75	0.375	0.562	390	0.75	0.375	0.375	57.9	23.9	15.4	28.5	32.8	0.75	0.375	0.375	58.9	21.1	21.1	29.8	44.9	6.3	389	1.0	0.0	0.0	47.3	63.8	41.2	76.0	32.8
777	R00Y_062_025d	0.625	0.375	0.375	0.625	0.25	0.5	390	0.625	0.375	0.375	54.2	15.9	10.3	19.0	32.8	0.625	0.375	0.375	58.3	12.3	14.8	19.3	50.1	7.0	389	1.0	0.0	0.0	47.3	63.8	41.2	76.0	32.8
778	R00Y_050_012d	0.5	0.375	0.375	0.5	0.125	0.437	390	0.5	0.375	0.375	50.5	7.9	5.1	9.5	32.8	0.5	0.375	0.375	56.7	5.8	7.5	9.6	52.1	6.9	389	1.0	0.0	0.0	47.3	63.8	41.2	76.0	32.8
779	NW_037d	0.375	0.375	0.375	0.375	0.0	0.375	360	0.375	0.375	0.375	46.8	0.0	0.0	0.0	0.0	0.375	0.375	0.375	55.8	−0.4	−0.4	0.6	227.5	9.0	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
780	G50B_037_012d	0.25	0.375	0.375	0.375	0.125	0.312	210	0.249	0.375	0.375	42.2	−3.6	−5.4	6.5	236.1	0.25	0.375	0.375	51.0	−4.7	−6.4	8.0	233.5	8.9	210	0.0	1.0	1.0	58.3	−29.2	−43.7	52.6	236.1
781	G50B_037_025d	0.125	0.375	0.375	0.375	0.25	0.25	210	0.124	0.375	0.375	37.5	−7.3	−10.9	13.1	236.1	0.125	0.375	0.375	44.9	−9.6	−13.2	16.4	233.9	8.0	210	0.0	1.0	1.0	58.3	−29.2	−43.7	52.6	236.1
782	G50B_037_037d	0.0	0.375	0.375	0.375	0.375	0.187	210	0.0	0.375	0.375	32.9	−10.9	−16.4	19.7	236.1	0.0	0.375	0.375	39.4	−14.6	−20.2	24.9	234.0	8.3	210	0.0	1.0	1.0	58.3	−29.2	−43.7	52.6	236.1
783	R00Y_100_075d	1.0	0.25	0.25	1.0	0.75	0.625	390	1.0	0.25	0.25	59.3	47.9	30.9	57.0	32.8	1.0	0.25	0.25	54.6	47.5	36.9	60.2	37.8	7.6	389	1.0	0.0	0.0	47.3	63.8	41.2	76.0	32.8
784	R00Y_087_062d	0.875	0.25	0.25	0.875	0.625	0.562	390	0.875	0.25	0.25	55.6	39.9	25.7	47.5	32.8	0.875	0.25	0.25	53.3	40.8	32.8	52.3	38.7	7.5	389	1.0	0.0	0.0	47.3	63.8	41.2	76.0	32.8
785	R00Y_075_050d	0.75	0.25	0.25	0.75	0.5	0.5	390	0.75	0.25	0.25	51.9	31.9	20.6	38.0	32.8	0.75	0.25	0.25	51.0	32.4	27.0	42.2	39.8	6.5	389	1.0	0.0	0.0	47.3	63.8	41.2	76.0	32.8
786	R00Y_062_037d	0.625	0.25	0.25	0.625	0.375	0.437	390	0.625	0.25	0.25	48.2	23.9	15.4	28.5	32.8	0.625	0.25	0.25	49.8	23.2	21.3	31.5	42.6	6.1	389	1.0	0.0	0.0	47.3	63.8	41.2	76.0	32.8
787	R00Y_050_025d	0.5	0.25	0.25	0.5	0.25	0.375	390	0.5	0.249	0.249	44.5	15.9	10.3	19.0	32.8	0.5	0.25	0.25	47.9	14.9	15.4	21.5	45.9	6.2	389	1.0	0.0	0.0	47.3	63.8	41.2	76.0	32.8
788	R00Y_037_012d	0.375	0.25	0.25	0.375	0.125	0.312	390	0.375	0.249	0.249	40.8	7.9	5.1	9.5	32.8	0.375	0.25	0.25	47.0	7.0	8.4	10.9	49.9	7.0	389	1.0	0.0	0.0	47.3	63.8	41.2	76.0	32.8
789	NW_025d	0.25	0.25	0.25	0.25	0.0	0.25	360	0.25	0.25	0.25	37.1	0.0	0.0	0.0	0.0	0.25	0.25	0.25	45.9	−0.3	−0.4	0.6	230.8	8.8	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
790	G50B_025_012d	0.125	0.25	0.25	0.25	0.125	0.187	210	0.124	0.25	0.25	32.5	−3.6	−5.4	6.5	236.1	0.125	0.25	0.25	39.5	−5.8	−7.9	9.8	233.3	7.8	210	0.0	1.0	1.0	58.3	−29.2	−43.7	52.6	236.1
791	G50B_025_025d	0.0	0.25	0.25	0.25	0.25	0.125	210	0.0	0.25	0.25	27.8	−7.3	−10.9	13.1	236.1	0.0	0.25	0.25	34.4	−10.3	−14.1	17.4	233.7	7.8	210	0.0	1.0	1.0	58.3	−29.2	−43.7	52.6	236.1
792	R00Y_100_087d	1.0	0.125	0.125	1.0	0.875	0.562	390	1.0	0.125	0.125	53.3	55.8	36.0	66.5	32.8	1.0	0.125	0.125	48.8	58.5	39.5	70.6	34.0	6.3	389	1.0	0.0	0.0	47.3	63.8	41.2	76.0	32.8
793	R00Y_087_075d	0.875	0.125	0.125	0.875	0.75	0.5	390	0.875	0.125	0.125	49.6	47.9	30.9	57.0	32.8	0.875	0.125	0.125	47.0	52.0	35.8	63.2	34.5	6.9	389	1.0	0.0	0.0	47.3	63.8	41.2	76.0	32.8
794	R00Y_075_062d	0.75	0.125	0.125	0.75	0.625	0.437	390	0.75	0.125	0.125	45.9	39.9	25.7	47.5	32.8	0.75	0.125	0.125	44.1	43.8	31.0	53.7	35.2	6.8	389	1.0	0.0	0.0	47.3	63.8	41.2	76.0	32.8
795	R00Y_062_050d	0.625	0.125	0.125	0.625	0.5	0.375	390	0.625	0.125	0.125	42.2	31.9	20.6	38.0	32.8	0.625	0.125	0.125	42.3	35.2	26.7	44.2	37.1	6.9	389	1.0	0.0	0.0	47.3	63.8	41.2	76.0	32.8
796	R00Y_050_037d	0.5	0.125	0.125	0.5	0.375	0.312	390	0.5	0.124	0.124	38.5	23.9	15.4	28.5	32.8	0.5	0.125	0.125	39.6	26.9	21.3	34.3	38.4	6.7	389	1.0	0.0	0.0	47.3	63.8	41.2	76.0	32.8
797	R00Y_037_025d	0.375	0.125	0.125	0.375	0.25	0.25	390	0.375	0.124	0.124	34.8	15.9	10.3	19.0	32.8	0.375	0.125	0.125	37.9	17.3	15.7	23.4	42.2	6.3	389	1.0	0.0	0.0	47.3	63.8	41.2	76.0	32.8
798	R00Y_025_012d	0.25	0.125	0.125	0.25	0.125	0.187	390	0.25	0.124	0.124	31.1	7.9	5.1	9.5	32.8	0.25	0.125	0.125	36.0	8.5	9.4	12.7	48.0	6.5	389	1.0	0.0	0.0	47.3	63.8	41.2	76.0	32.8
799	NW_012d	0.125	0.125	0.125	0.125	0.0	0.125	360	0.125	0.125	0.125	27.4	0.0	0.0	0.0	0.0	0.125	0.125	0.125	31.4	−0.2	−0.1	0.2	212.6	4.0	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
800	G50B_012_012d	0.0	0.125	0.125	0.125	0.125	0.062	210	0.0	0.125	0.125	22.7	−3.6	−5.4	6.5	236.1	0.0	0.125	0.125	26.4	−5.3	−6.7	8.6	231.7	4.1	210	0.0	1.0	1.0	58.3	−29.2	−43.7	52.6	236.1
801	R00Y_100_100d	1.0	0.0	0.0	1.0	1.0	0.5	390	1.0	0.0	0.0	47.3	63.8	41.2	76.0	32.8	1.0	0.0	0.0	45.0	66.1	40.5	77.5	31.5	3.3	389	1.0	0.0	0.0	47.3	63.8	41.2	76.0	32.8
802	R00Y_087_087d	0.875	0.0	0.0	0.875	0.875	0.437	390	0.875	0.0	0.0	43.6	55.8	36.0	66.5	32.8	0.875	0.0	0.0	42.5	60.9	36.6	71.1	30.9	5.2	389	1.0	0.0	0.0	47.3	63.8	41.2	76.0	32.8
803	R00Y_075_075d	0.75	0.0	0.0	0.75	0.75	0.375	390	0.75	0.0	0.0	39.9	47.9	30.9	57.0	32.8	0.75	0.0	0.0	39.2	53.4	32.3	62.5	31.1	5.8	389	1.0	0.0	0.0	47.3	63.8	41.2	76.0	32.8
804	R00Y_062_062d	0.625	0.0	0.0	0.625	0.625	0.312	390	0.625	0.0	0.0	36.2	39.9	25.7	47.5	32.8	0.625	0.0	0.0	36.4	45.9	27.6	53.6	31.0	6.3	389	1.0	0.0	0.0	47.3	63.8	41.2	76.0	32.8
805	R00Y_050_050d	0.5	0.0	0.0	0.5	0.5	0.25	390	0.5	0.0	0.0	32.5	31.9	20.6	38.0	32.8	0.5	0.0	0.0	33.0	38.2	23.9	45.1	32.0	7.1	389	1.0	0.0	0.0	47.3	63.8	41.2	76.0	32.8
806	R00Y_037_037d	0.375	0.0	0.0	0.375	0.375	0.187	390	0.375	0.0	0.0	28.8	23.9	15.4	28.5	32.8	0.375	0.0	0.0	30.8	28.9	20.0	35.1	34.7	7.0	389	1.0	0.0	0.0	47.3	63.8	41.2	76.0	32.8
807	R00Y_025_025d	0.25	0.0	0.0	0.25	0.25	0.125	390	0.25	0.0	0.0	25.1	15.9	10.3	19.0	32.8	0.25	0.0	0.0	28.1	18.4	14.5	23.5	38.2	5.7	389	1.0	0.0	0.0	47.3	63.8	41.2	76.0	32.8
808	R00Y_012_012d	0.125	0.0	0.0	0.125	0.125	0.062	390	0.125	0.0	0.0	21.4	7.9	5.1	9.5	32.8	0.125	0.0	0.0	23.6	7.7	7.1	10.5	42.9	3.0	389	1.0	0.0	0.0	47.3	63.8	41.2	76.0	32.8
809	NW_000d	0.0	0.0	0.0	0.0	0.0	0.0	360	0.0	0.0	0.0	17.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	19.8	0.0	0.4	0.4	77.0	2.1	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0

delta E*' = 5.8

2−0032830−F0 QS140−7N, 29/33−F

gráfico TUB-QS14; código de tono: H^*_d=R50Y_d
colores y differencia en color, $\Delta E^{*\prime}$

entrada: *rgb/cmyk* −> rgb_d
salida: transfiera a $cmyk_d$

vea archivos semejantes: http://130.149.60.45/~farbmetrik/QS14/QS14.HTM
información técnica: http://www.ps.bam.de o http://130.149.60.45/~farbmetrik

TUB matrícula: 20130201-QS14/QS14L0NP.PDF /.PS

TUB material: code=rha4ta

aplicación para la medida salida en la impressión offset, separación cmyn6 (CMYK)

http://130.149.60.45/~farbmetrik/QS14/QS14L0NP.PDF /.PS; salida de transferencia

N: ninguna 3D-linealización (OL) en archivo (F) o PS-startup (S), página 30/33

n	HIC^*_{Fd}	$rgb_{\_Fd}$			$ict_{\_Fd}$			$h_{si\_F,d}$	rgb^*_{Fd}			$LabCh^*_{Fd}$				
810	NW_100d	1.0	1.0	1.0	1.0	0.0	1.0	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
811	B00R_100_012d	0.875	0.875	1.0	1.0	0.125	0.937	270	0.875	0.875	1.0	86.7	2.9	−5.9	6.6	296.4
812	B00R_100_025d	0.75	0.75	1.0	1.0	0.25	0.875	270	0.75	0.75	1.0	77.9	5.8	−11.8	13.2	296.4
813	B00R_100_037d	0.625	0.625	1.0	1.0	0.375	0.812	270	0.625	0.625	1.0	69.1	8.8	−17.7	19.8	296.4
814	B00R_100_050d	0.5	0.5	1.0	1.0	0.5	0.75	270	0.5	0.5	1.0	60.4	11.7	−23.6	26.4	296.4
815	B00R_100_062d	0.375	0.375	1.0	1.0	0.625	0.687	270	0.375	0.375	1.0	51.6	14.6	−29.5	33.0	296.4
816	B00R_100_075d	0.25	0.25	1.0	1.0	0.75	0.625	270	0.25	0.25	1.0	42.8	17.6	−35.5	39.6	296.4
817	B00R_100_087d	0.125	0.125	1.0	1.0	0.875	0.562	270	0.125	0.125	1.0	34.1	20.5	−41.4	46.2	296.4
818	B00R_100_100d	0.0	0.0	1.0	1.0	1.0	0.5	270	0.0	0.0	1.0	25.3	23.5	−47.3	52.8	296.4
819	Y00G_100_012d	1.0	1.0	0.875	1.0	0.125	0.937	90	1.0	1.0	0.875	94.5	−1.4	11.8	11.9	97.1
820	NW_087d	0.875	0.875	0.875	0.875	0.0	0.875	360	0.875	0.875	0.875	85.7	0.0	0.0	0.0	0.0
821	B00R_087_012d	0.75	0.75	0.875	0.875	0.125	0.812	270	0.75	0.75	0.875	76.9	2.9	−5.9	6.6	296.4
822	B00R_087_025d	0.625	0.625	0.875	0.875	0.25	0.75	270	0.625	0.625	0.875	68.2	5.8	−11.8	13.2	296.4
823	B00R_087_037d	0.5	0.5	0.875	0.875	0.375	0.687	270	0.5	0.5	0.875	59.4	8.8	−17.7	19.8	296.4
824	B00R_087_050d	0.375	0.375	0.875	0.875	0.5	0.625	270	0.375	0.375	0.875	50.6	11.7	−23.6	26.4	296.4
825	B00R_087_062d	0.25	0.25	0.875	0.875	0.625	0.562	270	0.25	0.25	0.875	41.9	14.6	−29.5	33.0	296.4
826	B00R_087_075d	0.125	0.125	0.875	0.875	0.75	0.5	270	0.125	0.125	0.875	33.1	17.6	−35.5	39.6	296.4
827	B00R_087_087d	0.0	0.0	0.875	0.875	0.875	0.437	270	0.0	0.0	0.875	24.3	20.5	−41.4	46.2	296.4
828	Y00G_100_025d	1.0	1.0	0.75	1.0	0.25	0.875	90	1.0	1.0	0.75	93.7	−2.9	23.7	23.9	97.1
829	Y00G_087_012d	0.875	0.875	0.75	0.875	0.125	0.812	90	0.875	0.875	0.75	84.8	−1.4	11.8	11.9	97.1
830	NW_075d	0.75	0.75	0.75	0.75	0.0	0.75	360	0.75	0.75	0.75	76.0	0.0	0.0	0.0	0.0
831	B00R_075_012d	0.625	0.625	0.75	0.75	0.125	0.687	270	0.625	0.625	0.75	67.2	2.9	−5.9	6.6	296.4
832	B00R_075_025d	0.5	0.5	0.75	0.75	0.25	0.625	270	0.5	0.5	0.75	58.4	5.8	−11.8	13.2	296.4
833	B00R_075_037d	0.375	0.375	0.75	0.75	0.375	0.562	270	0.375	0.375	0.75	49.7	8.8	−17.7	19.8	296.4
834	B00R_075_050d	0.25	0.25	0.75	0.75	0.5	0.5	270	0.25	0.25	0.75	40.9	11.7	−23.6	26.4	296.4
835	B00R_075_062d	0.125	0.125	0.75	0.75	0.625	0.437	270	0.125	0.125	0.75	32.1	14.6	−29.5	33.0	296.4
836	B00R_075_075d	0.0	0.0	0.75	0.75	0.75	0.375	270	0.0	0.0	0.75	23.4	17.6	−35.5	39.6	296.4
837	Y00G_100_037d	1.0	1.0	0.625	1.0	0.375	0.812	90	1.0	1.0	0.625	92.8	−4.4	35.6	35.9	97.1
838	Y00G_087_025d	0.875	0.875	0.625	0.875	0.25	0.75	90	0.875	0.875	0.625	83.9	−2.9	23.7	23.9	97.1
839	Y00G_075_012d	0.75	0.75	0.625	0.75	0.125	0.687	90	0.75	0.75	0.625	75.1	−1.4	11.8	11.9	97.1
840	NW_062d	0.625	0.625	0.625	0.625	0.0	0.625	360	0.625	0.625	0.625	66.3	0.0	0.0	0.0	0.0
841	B00R_062_012d	0.5	0.5	0.625	0.625	0.125	0.562	270	0.5	0.5	0.625	57.5	2.9	−5.9	6.6	296.4
842	B00R_062_025d	0.375	0.375	0.625	0.625	0.25	0.5	270	0.375	0.375	0.625	48.7	5.8	−11.8	13.2	296.4
843	B00R_062_037d	0.25	0.25	0.625	0.625	0.375	0.437	270	0.25	0.25	0.625	40.0	8.8	−17.7	19.8	296.4
844	B00R_062_050d	0.125	0.125	0.625	0.625	0.5	0.375	270	0.125	0.125	0.625	31.2	11.7	−23.6	26.4	296.4
845	B00R_062_062d	0.0	0.0	0.625	0.625	0.625	0.312	270	0.0	0.0	0.625	22.4	14.6	−29.5	33.0	296.4
846	Y00G_100_050d	1.0	1.0	0.5	1.0	0.5	0.75	90	1.0	1.0	0.5	91.9	−5.9	47.5	47.9	97.1
847	Y00G_087_037d	0.875	0.875	0.5	0.875	0.375	0.687	90	0.875	0.875	0.5	83.0	−4.4	35.6	35.9	97.1
848	Y00G_075_025d	0.75	0.75	0.5	0.75	0.25	0.625	90	0.75	0.75	0.5	74.2	−2.9	23.7	23.9	97.1
849	Y00G_062_012d	0.625	0.625	0.5	0.625	0.125	0.562	90	0.625	0.625	0.5	65.4	−1.4	11.8	11.9	97.1
850	NW_050d	0.5	0.5	0.5	0.5	0.0	0.5	360	0.5	0.5	0.5	56.5	0.0	0.0	0.0	0.0
851	B00R_050_012d	0.375	0.375	0.5	0.5	0.125	0.437	270	0.375	0.375	0.5	47.8	2.9	−5.9	6.6	296.4
852	B00R_050_025d	0.25	0.25	0.5	0.5	0.25	0.375	270	0.249	0.249	0.5	39.0	5.8	−11.8	13.2	296.4
853	B00R_050_037d	0.125	0.125	0.5	0.5	0.375	0.312	270	0.124	0.124	0.5	30.2	8.8	−17.7	19.8	296.4
854	B00R_050_050d	0.0	0.0	0.5	0.5	0.5	0.25	270	0.0	0.0	0.5	21.5	11.7	−23.6	26.4	296.4
855	Y00G_100_062d	1.0	1.0	0.375	1.0	0.625	0.687	90	1.0	1.0	0.375	91.0	−7.4	59.4	59.9	97.1
856	Y00G_087_050d	0.875	0.875	0.375	0.875	0.5	0.625	90	0.875	0.875	0.375	82.2	−5.9	47.5	47.9	97.1
857	Y00G_075_037d	0.75	0.75	0.375	0.75	0.375	0.562	90	0.75	0.75	0.375	73.3	−4.4	35.6	35.9	97.1
858	Y00G_062_025d	0.625	0.625	0.375	0.625	0.25	0.5	90	0.625	0.625	0.375	64.5	−2.9	23.7	23.9	97.1
859	Y00G_050_012d	0.5	0.5	0.375	0.5	0.125	0.437	90	0.5	0.5	0.375	55.7	−1.4	11.8	11.9	97.1
860	NW_037d	0.375	0.375	0.375	0.375	0.0	0.375	360	0.375	0.375	0.375	46.8	0.0	0.0	0.0	0.0
861	B00R_037_012d	0.25	0.25	0.375	0.375	0.125	0.312	270	0.249	0.249	0.375	38.1	2.9	−5.9	6.6	296.4
862	B00R_037_025d	0.125	0.125	0.375	0.375	0.25	0.25	270	0.124	0.124	0.375	29.3	5.8	−11.8	13.2	296.4
863	B00R_037_037d	0.0	0.0	0.375	0.375	0.375	0.187	270	0.0	0.0	0.375	20.5	8.8	−17.7	19.8	296.4
864	Y00G_100_075d	1.0	1.0	0.25	1.0	0.75	0.625	90	1.0	1.0	0.25	90.1	−8.9	71.3	71.9	97.1
865	Y00G_087_062d	0.875	0.875	0.25	0.875	0.625	0.562	90	0.875	0.875	0.25	81.3	−7.4	59.4	59.9	97.1
866	Y00G_075_050d	0.75	0.75	0.25	0.75	0.5	0.5	90	0.75	0.75	0.25	72.4	−5.9	47.5	47.9	97.1
867	Y00G_062_037d	0.625	0.625	0.25	0.625	0.375	0.437	90	0.625	0.625	0.25	63.6	−4.4	35.6	35.9	97.1
868	Y00G_050_025d	0.5	0.5	0.25	0.5	0.25	0.375	90	0.5	0.5	0.249	54.8	−2.9	23.7	23.9	97.1
869	Y00G_037_012d	0.375	0.375	0.25	0.375	0.125	0.312	90	0.375	0.375	0.249	45.9	−1.4	11.8	11.9	97.1
870	NW_025d	0.25	0.25	0.25	0.25	0.0	0.25	360	0.25	0.25	0.25	37.1	0.0	0.0	0.0	0.0
871	B00R_025_012d	0.125	0.125	0.25	0.25	0.125	0.187	270	0.124	0.124	0.25	28.3	2.9	−5.9	6.6	296.4
872	B00R_025_025d	0.0	0.0	0.25	0.25	0.25	0.125	270	0.0	0.0	0.25	19.6	5.8	−11.8	13.2	296.4
873	Y00G_100_087d	1.0	1.0	0.125	1.0	0.875	0.562	90	1.0	1.0	0.125	89.2	−10.4	83.2	83.8	97.1
874	Y00G_087_075d	0.875	0.875	0.125	0.875	0.75	0.5	90	0.875	0.875	0.125	80.4	−8.9	71.3	71.9	97.1
875	Y00G_075_062d	0.75	0.75	0.125	0.75	0.625	0.437	90	0.75	0.75	0.125	71.5	−7.4	59.4	59.9	97.1
876	Y00G_062_050d	0.625	0.625	0.125	0.625	0.5	0.375	90	0.625	0.625	0.125	62.7	−5.9	47.5	47.9	97.1
877	Y00G_050_037d	0.5	0.5	0.125	0.5	0.375	0.312	90	0.5	0.5	0.124	53.9	−4.4	35.6	35.9	97.1
878	Y00G_037_025d	0.375	0.375	0.125	0.375	0.25	0.25	90	0.375	0.375	0.124	45.0	−2.9	23.7	23.9	97.1
879	Y00G_025_012d	0.25	0.25	0.125	0.25	0.125	0.187	90	0.25	0.25	0.124	36.2	−1.4	11.8	11.9	97.1
880	NW_012d	0.125	0.125	0.125	0.125	0.0	0.125	360	0.125	0.125	0.125	27.4	0.0	0.0	0.0	0.0
881	B00R_012_012d	0.0	0.0	0.125	0.125	0.125	0.062	270	0.0	0.0	0.125	18.6	2.9	−5.9	6.6	296.4
882	Y00G_100_100d	1.0	1.0	0.0	1.0	1.0	0.5	90	1.0	1.0	0.0	88.3	−11.9	95.1	95.8	97.1
883	Y00G_087_087d	0.875	0.875	0.0	0.875	0.875	0.437	90	0.875	0.875	0.0	79.5	−10.4	83.2	83.8	97.1
884	Y00G_075_075d	0.75	0.75	0.0	0.75	0.75	0.375	90	0.75	0.75	0.0	70.7	−8.9	71.3	71.9	97.1
885	Y00G_062_062d	0.625	0.625	0.0	0.625	0.625	0.312	90	0.625	0.625	0.0	61.8	−7.4	59.4	59.9	97.1
886	Y00G_050_050d	0.5	0.5	0.0	0.5	0.5	0.25	90	0.5	0.5	0.0	53.0	−5.9	47.5	47.9	97.1
887	Y00G_037_037d	0.375	0.375	0.0	0.375	0.375	0.187	90	0.375	0.375	0.0	44.2	−4.4	35.6	35.9	97.1
888	Y00G_025_025d	0.25	0.25	0.0	0.25	0.25	0.125	90	0.25	0.25	0.0	35.3	−2.9	23.7	23.9	97.1
889	Y00G_012_012d	0.125	0.125	0.0	0.125	0.125	0.062	90	0.125	0.125	0.0	26.5	−1.4	11.8	11.9	97.1
890	NW_000d	0.0	0.0	0.0	0.0	0.0	0.0	360	0.0	0.0	0.0	17.7	0.0	0.0	0.0	0.0

n	$rgb^{*\prime}_{Fd}$			$LabCh^{*\prime}_{Fd}$					$DE^{*\prime}_{Fd}$	$h_{siM,d}$	rgb^*_{Md}			$LabCh^*_{Md}$				
810	1.0	1.0	1.0	95.5	0.0	0.0	0.0	103.6	0.0	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
811	0.875	0.875	1.0	87.3	3.1	−5.9	6.7	297.6	0.7	270	0.0	0.0	1.0	25.3	23.5	−47.3	52.8	296.4
812	0.75	0.75	1.0	78.1	7.6	−11.5	13.8	303.7	1.8	270	0.0	0.0	1.0	25.3	23.5	−47.3	52.8	296.4
813	0.625	0.625	1.0	69.3	10.9	−17.1	20.3	302.6	2.2	270	0.0	0.0	1.0	25.3	23.5	−47.3	52.8	296.4
814	0.5	0.5	1.0	57.8	16.5	−23.8	29.0	304.7	5.4	270	0.0	0.0	1.0	25.3	23.5	−47.3	52.8	296.4
815	0.375	0.375	1.0	48.2	20.2	−29.9	36.1	304.0	6.4	270	0.0	0.0	1.0	25.3	23.5	−47.3	52.8	296.4
816	0.25	0.25	1.0	39.8	22.9	−35.5	42.2	302.8	6.1	270	0.0	0.0	1.0	25.3	23.5	−47.3	52.8	296.4
817	0.125	0.125	1.0	31.0	26.8	−41.1	49.1	303.1	6.9	270	0.0	0.0	1.0	25.3	23.5	−47.3	52.8	296.4
818	0.0	0.0	1.0	24.6	25.2	−46.7	53.0	298.3	1.9	270	0.0	0.0	1.0	25.3	23.5	−47.3	52.8	296.4
819	1.0	1.0	0.875	94.5	−2.6	9.6	10.0	105.1	2.4	89	1.0	1.0	0.0	88.3	−11.9	95.1	95.8	97.1
820	0.875	0.875	0.875	89.3	−0.1	0.0	0.1	221.7	3.5	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
821	0.75	0.75	0.875	81.3	3.0	−5.9	6.7	296.9	4.3	270	0.0	0.0	1.0	25.3	23.5	−47.3	52.8	296.4
822	0.625	0.625	0.875	71.3	8.0	−11.8	14.2	304.1	3.7	270	0.0	0.0	1.0	25.3	23.5	−47.3	52.8	296.4
823	0.5	0.5	0.875	61.0	10.8	−18.5	21.5	300.3	2.7	270	0.0	0.0	1.0	25.3	23.5	−47.3	52.8	296.4
824	0.375	0.375	0.875	50.7	15.9	−24.5	29.2	302.9	4.2	270	0.0	0.0	1.0	25.3	23.5	−47.3	52.8	296.4
825	0.25	0.25	0.875	40.6	20.0	−31.2	37.1	302.7	5.7	270	0.0	0.0	1.0	25.3	23.5	−47.3	52.8	296.4
826	0.125	0.125	0.875	30.9	24.7	−37.5	44.9	303.4	7.7	270	0.0	0.0	1.0	25.3	23.5	−47.3	52.8	296.4
827	0.0	0.0	0.875	24.1	24.1	−43.0	49.3	299.2	3.9	270	0.0	0.0	1.0	25.3	23.5	−47.3	52.8	296.4
828	1.0	1.0	0.75	93.4	−4.7	19.8	20.4	103.5	4.2	89	1.0	1.0	0.0	88.3	−11.9	95.1	95.8	97.1
829	0.875	0.875	0.75	88.3	−2.7	9.9	10.3	105.6	4.2	89	1.0	1.0	0.0	88.3	−11.9	95.1	95.8	97.1
830	0.75	0.75	0.75	80.6	−0.2	−0.2	0.3	226.5	4.6	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
831	0.625	0.625	0.75	72.4	3.2	−6.3	7.0	297.0	5.2	270	0.0	0.0	1.0	25.3	23.5	−47.3	52.8	296.4
832	0.5	0.5	0.75	61.9	7.6	−12.2	14.4	301.8	3.9	270	0.0	0.0	1.0	25.3	23.5	−47.3	52.8	296.4
833	0.375	0.375	0.75	51.3	12.0	−18.9	22.4	302.3	3.7	270	0.0	0.0	1.0	25.3	23.5	−47.3	52.8	296.4
834	0.25	0.25	0.75	41.0	16.5	−25.3	30.2	303.1	5.0	270	0.0	0.0	1.0	25.3	23.5	−47.3	52.8	296.4
835	0.125	0.125	0.75	30.7	21.2	−32.0	38.4	303.4	7.1	270	0.0	0.0	1.0	25.3	23.5	−47.3	52.8	296.4
836	0.0	0.0	0.75	22.9	23.0	−37.8	44.3	301.2	5.8	270	0.0	0.0	1.0	25.3	23.5	−47.3	52.8	296.4
837	1.0	1.0	0.625	92.4	−6.8	31.3	32.0	102.2	4.9	89	1.0	1.0	0.0	88.3	−11.9	95.1	95.8	97.1
838	0.875	0.875	0.625	87.4	−5.1	20.9	21.5	103.7	4.9	89	1.0	1.0	0.0	88.3	−11.9	95.1	95.8	97.1
839	0.75	0.75	0.625	79.9	−2.9	9.9	10.3	106.4	5.3	89	1.0	1.0	0.0	88.3	−11.9	95.1	95.8	97.1
840	0.625	0.625	0.625	73.1	−0.3	−0.3	0.4	227.4	6.8	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
841	0.5	0.5	0.625	63.5	3.3	−6.7	7.5	296.6	6.0	270	0.0	0.0	1.0	25.3	23.5	−47.3	52.8	296.4
842	0.375	0.375	0.625	53.2	7.4	−12.9	14.9	300.0	4.9	270	0.0	0.0	1.0	25.3	23.5	−47.3	52.8	296.4
843	0.25	0.25	0.625	42.4	12.3	−19.6	23.1	302.1	4.6	270	0.0	0.0	1.0	25.3	23.5	−47.3	52.8	296.4
844	0.125	0.125	0.625	31.3	17.4	−26.7	31.9	303.1	6.5	270	0.0	0.0	1.0	25.3	23.5	−47.3	52.8	296.4
845	0.0	0.0	0.625	22.1	20.7	−33.4	39.3	301.7	7.2	270	0.0	0.0	1.0	25.3	23.5	−47.3	52.8	296.4
846	1.0	1.0	0.5	91.4	−8.5	43.3	44.2	101.1	4.9	89	1.0	1.0	0.0	88.3	−11.9	95.1	95.8	97.1
847	0.875	0.875	0.5	86.3	−7.0	32.3	33.1	102.3	5.3	89	1.0	1.0	0.0	88.3	−11.9	95.1	95.8	97.1
848	0.75	0.75	0.5	78.9	−5.2	21.2	21.8	103.9	5.7	89	1.0	1.0	0.0	88.3	−11.9	95.1	95.8	97.1
849	0.625	0.625	0.5	72.3	−3.0	10.1	10.6	106.8	7.3	89	1.0	1.0	0.0	88.3	−11.9	95.1	95.8	97.1
850	0.5	0.5	0.5	64.4	−0.3	−0.4	0.5	227.7	7.9	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
851	0.375	0.375	0.5	54.0	4.1	−7.2	8.3	299.7	6.5	270	0.0	0.0	1.0	25.3	23.5	−47.3	52.8	296.4
852	0.25	0.25	0.5	43.2	8.1	−14.2	16.4	299.8	5.3	270	0.0	0.0	1.0	25.3	23.5	−47.3	52.8	296.4
853	0.125	0.125	0.5	31.5	14.1	−21.3	25.6	303.5	6.5	270	0.0	0.0	1.0	25.3	23.5	−47.3	52.8	296.4
854	0.0	0.0	0.5	21.7	18.4	−27.7	33.3	303.5	7.8	270	0.0	0.0	1.0	25.3	23.5	−47.3	52.8	296.4
855	1.0	1.0	0.375	90.3	−9.7	56.3	57.1	99.8	3.9	89	1.0	1.0	0.0	88.3	−11.9	95.1	95.8	97.1
856	0.875	0.875	0.375	85.4	−8.7	45.2	46.0	100.9	4.8	89	1.0	1.0	0.0	88.3	−11.9	95.1	95.8	97.1
857	0.75	0.75	0.375	78.0	−7.3	33.6	34.4	102.3	5.8	89	1.0	1.0	0.0	88.3	−11.9	95.1	95.8	97.1
858	0.625	0.625	0.375	71.2	−5.5	22.2	22.9	104.0	7.3	89	1.0	1.0	0.0	88.3	−11.9	95.1	95.8	97.1
859	0.5	0.5	0.375	63.7	−3.3	10.9	11.4	107.1	8.3	89	1.0	1.0	0.0	88.3	−11.9	95.1	95.8	97.1
860	0.375	0.375	0.375	56.4	−0.4	−0.5	0.6	232.7	9.5	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
861	0.25	0.25	0.375	44.6	4.6	−8.0	9.2	300.2	7.1	270	0.0	0.0	1.0	25.3	23.5	−47.3	52.8	296.4
862	0.125	0.125	0.375	33.4	9.3	−15.2	17.8	301.4	6.3	270	0.0	0.0	1.0	25.3	23.5	−47.3	52.8	296.4
863	0.0	0.0	0.375	22.2	15.1	−22.2	26.9	304.1	7.9	270	0.0	0.0	1.0	25.3	23.5	−47.3	52.8	296.4
864	1.0	1.0	0.25	89.5	−10.5	68.6	69.4	98.7	3.2	89	1.0	1.0	0.0	88.3	−11.9	95.1	95.8	97.1
865	0.875	0.875	0.25	84.3	−9.9	59.1	60.0	99.5	3.9	89	1.0	1.0	0.0	88.3	−11.9	95.1	95.8	97.1
866	0.75	0.75	0.25	76.8	−8.9	47.6	48.5	100.6	5.3	89	1.0	1.0	0.0	88.3	−11.9	95.1	95.8	97.1
867	0.625	0.625	0.25	69.9	−7.5	35.4	36.2	102.0	7.0	89	1.0	1.0	0.0	88.3	−11.9	95.1	95.8	97.1
868	0.5	0.5	0.25	62.3	−5.8	23.7	24.4	103.9	8.0	89	1.0	1.0	0.0	88.3	−11.9	95.1	95.8	97.1
869	0.375	0.375	0.25	55.0	−3.6	12.2	12.7	106.7	9.2	89	1.0	1.0	0.0	88.3	−11.9	95.1	95.8	97.1
870	0.25	0.25	0.25	46.2	−0.3	−0.5	0.6	234.5	9.0	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
871	0.125	0.125	0.25	33.0	4.9	−9.2	10.4	298.0	6.0	270	0.0	0.0	1.0	25.3	23.5	−47.3	52.8	296.4
872	0.0	0.0	0.25	22.6	10.9	−15.3	18.8	305.6	6.8	270	0.0	0.0	1.0	25.3	23.5	−47.3	52.8	296.4
873	1.0	1.0	0.125	88.7	−11.1	81.0	81.8	97.8	2.3	89	1.0	1.0	0.0	88.3	−11.9	95.1	95.8	97.1
874	0.875	0.875	0.125	83.5	−10.7	71.8	72.6	98.5	3.5	89	1.0	1.0	0.0	88.3	−11.9	95.1	95.8	97.1
875	0.75	0.75	0.125	76.1	−9.9	60.2	61.0	99.3	5.2	89	1.0	1.0	0.0	88.3	−11.9	95.1	95.8	97.1
876	0.625	0.625	0.125	68.8	−9.0	49.6	50.4	100.3	7.1	89	1.0	1.0	0.0	88.3	−11.9	95.1	95.8	97.1
877	0.5	0.5	0.125	61.2	−7.8	38.2	39.0	101.5	8.4	89	1.0	1.0	0.0	88.3	−11.9	95.1	95.8	97.1
878	0.375	0.375	0.125	53.9	−6.2	26.3	27.1	103.2	9.7	89	1.0	1.0	0.0	88.3	−11.9	95.1	95.8	97.1
879	0.25	0.25	0.125	44.8	−4.0	14.1	14.7	105.9	9.2	89	1.0	1.0	0.0	88.3	−11.9	95.1	95.8	97.1
880	0.125	0.125	0.125	31.9	−0.1	−0.1	0.2	218.3	4.5	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
881	0.0	0.0	0.125	21.1	5.2	−7.3	9.0	305.5	3.7	270	0.0	0.0	1.0	25.3	23.5	−47.3	52.8	296.4
882	1.0	1.0	0.0	87.9	−11.4	94.4	95.1	96.9	0.9	89	1.0	1.0	0.0	88.3	−11.9	95.1	95.8	97.1
883	0.875	0.875	0.0	82.3	−11.2	84.8	85.5	97.5	3.3	89	1.0	1.0	0.0	88.3	−11.9	95.1	95.8	97.1
884	0.75	0.75	0.0	74.9	−10.7	73.9	74.7	98.2	5.2	89	1.0	1.0	0.0	88.3	−11.9	95.1	95.8	97.1
885	0.625	0.625	0.0	67.4	−9.9	62.9	63.7	98.9	7.0	89	1.0	1.0	0.0	88.3	−11.9	95.1	95.8	97.1
886	0.5	0.5	0.0	60.1	−9.0	51.5	52.3	99.9	8.7	89	1.0	1.0	0.0	88.3	−11.9	95.1	95.8	97.1
887	0.375	0.375	0.0	52.3	−7.7	39.3	40.1	101.1	9.5	89	1.0	1.0	0.0	88.3	−11.9	95.1	95.8	97.1
888	0.25	0.25	0.0	43.4	−6.0	26.1	26.8	103.0	8.9	89	1.0	1.0	0.0	88.3	−11.9	95.1	95.8	97.1
889	0.125	0.125	0.0	30.3	−3.2	11.0	11.5	106.5	4.2	89	1.0	1.0	0.0	88.3	−11.9	95.1	95.8	97.1
890	0.0	0.0	0.0	19.9	0.1	0.4	0.4	75.8	2.2	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0

delta $E^{*\prime}$ = 5.5

2−0032930−F0

QS140−7N, 30/33−F

gráfico TUB-QS14; código de tono: H^*_d=R50Y_d

colores y differencia en color, $\Delta E^{*\prime}$

entrada: *rgb/cmyk* −> rgb_d

salida: transfiera a $cmyk_d$

vea archivos semejantes: http://130.149.60.45/~farbmetrik/QS14/QS14.HTM

información técnica: http://www.ps.bam.de o http://130.149.60.45/~farbmetrik

TUB matrícula: 20130201-QS14/QS14L0NP.PDF /.PS TUB material: code=rha4ta
aplicación para la medida salida en la impressión offset, separación cmyn6 (CMYK)

http://130.149.60.45/~farbmetrik/QS14/QS14L0NP.PDF /.PS; salida de transferencia
N: ninguna 3D-linealización (OL) en archivo (F) o PS-startup (S), página 31/33

n	HIC*_Fd	rgb_Fd			ict_Fd			h_si_F,d	rgb*_Fd			LabCh*_Fd					rgb*'_Fd			LabCh*'_Fd					DE*'_Fd	h_siM,d	rgb*_Md			LabCh*_Md				
891	NW_100d	1.0	1.0	1.0	1.0	0.0	1.0	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0	1.0	1.0	1.0	95.4	0.0	0.0	0.0	139.6	0.0	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
892	B50R_100_012d	1.0	0.875	1.0	1.0	0.125	0.937	330	1.0	0.875	1.0	89.5	9.1	−1.0	9.1	353.3	1.0	0.875	1.0	90.7	6.1	−1.9	6.4	342.7	3.2	330	1.0	0.0	1.0	48.2	72.8	−8.5	73.3	353.3
893	B50R_100_025d	1.0	0.75	1.0	1.0	0.25	0.875	330	1.0	0.75	1.0	83.6	18.2	−2.1	18.3	353.3	1.0	0.75	1.0	84.8	13.8	−3.6	14.3	345.3	4.7	330	1.0	0.0	1.0	48.2	72.8	−8.5	73.3	353.3
894	B50R_100_037d	1.0	0.625	1.0	1.0	0.375	0.812	330	1.0	0.625	1.0	77.7	27.3	−3.2	27.5	353.3	1.0	0.625	1.0	79.2	21.3	−4.9	21.9	346.8	6.3	330	1.0	0.0	1.0	48.2	72.8	−8.5	73.3	353.3
895	B50R_100_050d	1.0	0.5	1.0	1.0	0.5	0.75	330	1.0	0.5	1.0	71.8	36.4	−4.2	36.6	353.3	1.0	0.5	1.0	71.3	32.5	−6.6	33.2	348.3	4.5	330	1.0	0.0	1.0	48.2	72.8	−8.5	73.3	353.3
896	B50R_100_062d	1.0	0.375	1.0	1.0	0.625	0.687	330	1.0	0.375	1.0	65.9	45.5	−5.3	45.8	353.3	1.0	0.375	1.0	64.8	42.4	−7.4	43.0	350.0	3.9	330	1.0	0.0	1.0	48.2	72.8	−8.5	73.3	353.3
897	B50R_100_075d	1.0	0.25	1.0	1.0	0.75	0.625	330	1.0	0.25	1.0	60.0	54.6	−6.4	55.0	353.3	1.0	0.25	1.0	58.5	52.9	−7.7	53.5	351.7	2.6	330	1.0	0.0	1.0	48.2	72.8	−8.5	73.3	353.3
898	B50R_100_087d	1.0	0.125	1.0	1.0	0.875	0.562	330	1.0	0.125	1.0	54.1	63.7	−7.4	64.1	353.3	1.0	0.125	1.0	51.7	64.8	−7.5	65.3	353.3	2.6	330	1.0	0.0	1.0	48.2	72.8	−8.5	73.3	353.3
899	B50R_100_100d	1.0	0.0	1.0	1.0	1.0	0.5	330	1.0	0.0	1.0	48.2	72.8	−8.5	73.3	353.3	1.0	0.0	1.0	46.6	74.0	−5.9	74.2	355.3	3.2	330	1.0	0.0	1.0	48.2	72.8	−8.5	73.3	353.3
900	G00B_100_012d	0.875	1.0	0.875	1.0	0.125	0.937	150	0.875	1.0	0.875	90.0	−8.6	3.5	9.2	157.7	0.875	1.0	0.875	91.1	−5.7	5.3	7.8	136.8	3.5	149	0.0	1.0	0.0	51.9	−68.8	28.1	74.3	157.7
901	NW_087d	0.875	0.875	0.875	0.875	0.0	0.875	360	0.875	0.875	0.875	85.7	0.0	0.0	0.0	0.0	0.875	0.875	0.875	89.4	0.0	−0.1	0.1	227.1	3.6	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
902	B50R_087_012d	0.875	0.75	0.875	0.875	0.125	0.812	330	0.875	0.75	0.875	79.8	9.1	−1.0	9.1	353.3	0.875	0.75	0.875	84.8	6.1	−2.0	6.4	341.8	5.9	330	1.0	0.0	1.0	48.2	72.8	−8.5	73.3	353.3
903	B50R_087_025d	0.875	0.625	0.875	0.875	0.25	0.75	330	0.875	0.625	0.875	73.9	18.2	−2.1	18.3	353.3	0.875	0.625	0.875	78.1	14.6	−3.8	15.1	345.1	5.7	330	1.0	0.0	1.0	48.2	72.8	−8.5	73.3	353.3
904	B50R_087_037d	0.875	0.5	0.875	0.875	0.375	0.687	330	0.875	0.5	0.875	68.0	27.3	−3.2	27.5	353.3	0.875	0.5	0.875	72.1	22.8	−5.3	23.4	346.8	6.4	330	1.0	0.0	1.0	48.2	72.8	−8.5	73.3	353.3
905	B50R_087_050d	0.875	0.375	0.875	0.875	0.5	0.625	330	0.875	0.375	0.875	62.1	36.4	−4.2	36.6	353.3	0.875	0.375	0.875	64.3	33.9	−6.8	34.6	348.5	4.2	330	1.0	0.0	1.0	48.2	72.8	−8.5	73.3	353.3
906	B50R_087_062d	0.875	0.25	0.875	0.875	0.625	0.562	330	0.875	0.25	0.875	56.2	45.5	−5.3	45.8	353.3	0.875	0.25	0.875	56.7	46.0	−7.7	46.7	350.4	2.5	330	1.0	0.0	1.0	48.2	72.8	−8.5	73.3	353.3
907	B50R_087_075d	0.875	0.125	0.875	0.875	0.75	0.5	330	0.875	0.125	0.875	50.3	54.6	−6.4	55.0	353.3	0.875	0.125	0.875	49.8	57.9	−7.7	58.5	352.3	3.6	330	1.0	0.0	1.0	48.2	72.8	−8.5	73.3	353.3
908	B50R_087_087d	0.875	0.0	0.875	0.875	0.875	0.437	330	0.875	0.0	0.875	44.4	63.7	−7.4	64.1	353.3	0.875	0.0	0.875	44.0	68.6	−6.7	69.0	354.3	5.0	330	1.0	0.0	1.0	48.2	72.8	−8.5	73.3	353.3
909	G00B_100_025d	0.75	1.0	0.75	1.0	0.25	0.875	150	0.75	1.0	0.75	84.5	−17.2	7.0	18.5	157.7	0.75	1.0	0.75	86.4	−11.2	10.5	15.4	136.9	7.1	149	0.0	1.0	0.0	51.9	−68.8	28.1	74.3	157.7
910	G00B_087_012d	0.75	0.875	0.75	0.875	0.125	0.812	150	0.75	0.875	0.75	80.3	−8.6	3.5	9.2	157.7	0.75	0.875	0.75	84.9	−6.1	5.4	8.1	138.5	5.6	149	0.0	1.0	0.0	51.9	−68.8	28.1	74.3	157.7
911	NW_075d	0.75	0.75	0.75	0.75	0.0	0.75	360	0.75	0.75	0.75	76.0	0.0	0.0	0.0	0.0	0.75	0.75	0.75	81.3	−0.2	−0.2	0.3	228.2	5.3	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
912	B50R_075_012d	0.75	0.625	0.75	0.75	0.125	0.687	330	0.75	0.625	0.75	70.1	9.1	−1.0	9.1	353.3	0.75	0.625	0.75	75.8	6.5	−2.3	6.9	340.3	6.3	330	1.0	0.0	1.0	48.2	72.8	−8.5	73.3	353.3
913	B50R_075_025d	0.75	0.5	0.75	0.75	0.25	0.625	330	0.75	0.5	0.75	64.2	18.2	−2.1	18.3	353.3	0.75	0.5	0.75	69.1	15.2	−4.2	15.8	344.5	6.0	330	1.0	0.0	1.0	48.2	72.8	−8.5	73.3	353.3
914	B50R_075_037d	0.75	0.375	0.75	0.75	0.375	0.562	330	0.75	0.375	0.75	58.3	27.3	−3.2	27.5	353.3	0.75	0.375	0.75	61.9	25.3	−5.9	26.0	346.8	4.9	330	1.0	0.0	1.0	48.2	72.8	−8.5	73.3	353.3
915	B50R_075_050d	0.75	0.25	0.75	0.75	0.5	0.5	330	0.75	0.25	0.75	52.4	36.4	−4.2	36.6	353.3	0.75	0.25	0.75	54.0	37.0	−7.1	37.7	349.1	3.3	330	1.0	0.0	1.0	48.2	72.8	−8.5	73.3	353.3
916	B50R_075_062d	0.75	0.125	0.75	0.75	0.625	0.437	330	0.75	0.125	0.75	46.5	45.5	−5.3	45.8	353.3	0.75	0.125	0.75	46.8	48.8	−7.4	49.4	351.3	3.9	330	1.0	0.0	1.0	48.2	72.8	−8.5	73.3	353.3
917	B50R_075_075d	0.75	0.0	0.75	0.75	0.75	0.375	330	0.75	0.0	0.75	40.6	54.6	−6.4	55.0	353.3	0.75	0.0	0.75	40.6	60.5	−7.1	60.9	353.2	5.9	330	1.0	0.0	1.0	48.2	72.8	−8.5	73.3	353.3
918	G00B_100_037d	0.625	1.0	0.625	1.0	0.375	0.812	150	0.625	1.0	0.625	79.1	−25.8	10.5	27.8	157.7	0.625	1.0	0.625	80.8	−17.7	15.6	23.6	138.5	9.7	149	0.0	1.0	0.0	51.9	−68.8	28.1	74.3	157.7
919	G00B_087_025d	0.625	0.875	0.625	0.875	0.25	0.75	150	0.625	0.875	0.625	74.8	−17.2	7.0	18.5	157.7	0.625	0.875	0.625	79.8	−12.1	10.8	16.2	138.3	7.9	149	0.0	1.0	0.0	51.9	−68.8	28.1	74.3	157.7
920	G00B_075_012d	0.625	0.75	0.625	0.75	0.125	0.687	150	0.625	0.75	0.625	70.5	−8.6	3.5	9.2	157.7	0.625	0.75	0.625	76.5	−6.3	5.3	8.2	140.0	6.6	149	0.0	1.0	0.0	51.9	−68.8	28.1	74.3	157.7
921	NW_062d	0.625	0.625	0.625	0.625	0.0	0.625	360	0.625	0.625	0.625	66.3	0.0	0.0	0.0	0.0	0.625	0.625	0.625	73.3	−0.3	−0.3	0.5	231.8	7.0	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
922	B50R_062_012d	0.625	0.5	0.625	0.625	0.125	0.562	330	0.625	0.5	0.625	60.4	9.1	−1.0	9.1	353.3	0.625	0.5	0.625	67.3	7.3	−2.6	7.7	339.9	7.3	330	1.0	0.0	1.0	48.2	72.8	−8.5	73.3	353.3
923	B50R_062_025d	0.625	0.375	0.625	0.625	0.25	0.5	330	0.625	0.375	0.625	54.5	18.2	−2.1	18.3	353.3	0.625	0.375	0.625	60.9	15.9	−4.3	16.5	344.6	7.1	330	1.0	0.0	1.0	48.2	72.8	−8.5	73.3	353.3
924	B50R_062_037d	0.625	0.25	0.625	0.625	0.375	0.437	330	0.625	0.25	0.625	48.6	27.3	−3.2	27.5	353.3	0.625	0.25	0.625	52.6	27.7	−6.2	28.4	347.3	5.0	330	1.0	0.0	1.0	48.2	72.8	−8.5	73.3	353.3
925	B50R_062_050d	0.625	0.125	0.625	0.625	0.5	0.375	330	0.625	0.125	0.625	42.7	36.4	−4.2	36.6	353.3	0.625	0.125	0.625	44.7	39.9	−7.1	40.6	349.9	4.9	330	1.0	0.0	1.0	48.2	72.8	−8.5	73.3	353.3
926	B50R_062_062d	0.625	0.0	0.625	0.625	0.625	0.312	330	0.625	0.0	0.625	36.8	45.5	−5.3	45.8	353.3	0.625	0.0	0.625	37.8	52.5	−7.1	53.0	352.2	7.2	330	1.0	0.0	1.0	48.2	72.8	−8.5	73.3	353.3
927	G00B_100_050d	0.5	1.0	0.5	1.0	0.5	0.75	150	0.5	1.0	0.5	73.7	−34.4	14.0	37.1	157.7	0.5	1.0	0.5	74.4	−25.5	19.9	32.3	142.0	10.6	149	0.0	1.0	0.0	51.9	−68.8	28.1	74.3	157.7
928	G00B_087_037d	0.5	0.875	0.5	0.875	0.375	0.687	150	0.5	0.875	0.5	69.4	−25.8	10.5	27.8	157.7	0.5	0.875	0.5	73.3	−19.7	14.9	24.7	142.8	8.4	149	0.0	1.0	0.0	51.9	−68.8	28.1	74.3	157.7
929	G00B_075_025d	0.5	0.75	0.5	0.75	0.25	0.625	150	0.5	0.75	0.5	65.1	−17.2	7.0	18.5	157.7	0.5	0.75	0.5	70.8	−12.8	10.5	16.6	140.7	8.0	149	0.0	1.0	0.0	51.9	−68.8	28.1	74.3	157.7
930	G00B_062_012d	0.5	0.625	0.5	0.625	0.125	0.562	150	0.5	0.625	0.5	60.8	−8.6	3.5	9.2	157.7	0.5	0.625	0.5	68.2	−6.8	5.0	8.4	143.3	7.7	149	0.0	1.0	0.0	51.9	−68.8	28.1	74.3	157.7
931	NW_050d	0.5	0.5	0.5	0.5	0.0	0.5	360	0.5	0.5	0.5	56.5	0.0	0.0	0.0	0.0	0.5	0.5	0.5	65.5	−0.3	−0.4	0.5	232.6	8.9	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
932	B50R_050_012d	0.5	0.375	0.5	0.5	0.125	0.437	330	0.5	0.375	0.5	50.6	9.1	−1.0	9.1	353.3	0.5	0.375	0.5	58.1	8.5	−2.9	9.0	340.7	7.7	330	1.0	0.0	1.0	48.2	72.8	−8.5	73.3	353.3
933	B50R_050_025d	0.5	0.25	0.5	0.5	0.25	0.375	330	0.5	0.249	0.5	44.7	18.2	−2.1	18.3	353.3	0.5	0.25	0.5	50.7	19.0	−5.0	19.7	345.2	6.6	330	1.0	0.0	1.0	48.2	72.8	−8.5	73.3	353.3
934	B50R_050_037d	0.5	0.125	0.5	0.5	0.375	0.312	330	0.5	0.124	0.5	38.8	27.3	−3.2	27.5	353.3	0.5	0.125	0.5	41.7	31.7	−6.4	32.4	348.5	6.2	330	1.0	0.0	1.0	48.2	72.8	−8.5	73.3	353.3
935	B50R_050_050d	0.5	0.0	0.5	0.5	0.5	0.25	330	0.5	0.0	0.5	32.9	36.4	−4.2	36.6	353.3	0.5	0.0	0.5	34.7	44.3	−6.7	44.8	351.3	8.4	330	1.0	0.0	1.0	48.2	72.8	−8.5	73.3	353.3
936	G00B_100_062d	0.375	1.0	0.375	1.0	0.625	0.687	150	0.375	1.0	0.375	68.2	−43.0	17.5	46.4	157.7	0.375	1.0	0.375	68.4	−33.7	23.8	41.3	144.6	11.2	149	0.0	1.0	0.0	51.9	−68.8	28.1	74.3	157.7
937	G00B_087_050d	0.375	0.875	0.375	0.875	0.5	0.625	150	0.375	0.875	0.375	63.9	−34.4	14.0	37.1	157.7	0.375	0.875	0.375	67.6	−27.6	19.9	34.0	144.2	9.6	149	0.0	1.0	0.0	51.9	−68.8	28.1	74.3	157.7
938	G00B_075_037d	0.375	0.75	0.375	0.75	0.375	0.562	150	0.375	0.75	0.375	59.7	−25.8	10.5	27.8	157.7	0.375	0.75	0.375	64.8	−21.0	15.2	25.9	144.0	8.4	149	0.0	1.0	0.0	51.9	−68.8	28.1	74.3	157.7
939	G00B_062_025d	0.375	0.625	0.375	0.625	0.25	0.5	150	0.375	0.625	0.375	55.4	−17.2	7.0	18.5	157.7	0.375	0.625	0.375	62.6	−14.1	10.6	17.7	143.0	8.6	149	0.0	1.0	0.0	51.9	−68.8	28.1	74.3	157.7
940	G00B_050_012d	0.375	0.5	0.375	0.5	0.125	0.437	150	0.375	0.5	0.375	51.1	−8.6	3.5	9.2	157.7	0.375	0.5	0.375	59.9	−7.4	5.4	9.2	143.8	9.1	149	0.0	1.0	0.0	51.9	−68.8	28.1	74.3	157.7
941	NW_037d	0.375	0.375	0.375	0.375	0.0	0.375	360	0.375	0.375	0.375	46.8	0.0	0.0	0.0	0.0	0.375	0.375	0.375	57.5	−0.3	−0.5	0.6	234.9	10.6	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
942	B50R_037_012d	0.375	0.25	0.375	0.375	0.125	0.312	330	0.375	0.249	0.375	40.9	9.1	−1.0	9.1	353.3	0.375	0.25	0.375	49.1	9.9	−3.2	10.5	341.7	8.4	330	1.0	0.0	1.0	48.2	72.8	−8.5	73.3	353.3
943	B50R_037_025d	0.375	0.125	0.375	0.375	0.25	0.25	330	0.375	0.124	0.375	35.0	18.2	−2.1	18.3	353.3	0.375	0.125	0.375	40.5	21.7	−5.1	22.3	346.7	7.1	330	1.0	0.0	1.0	48.2	72.8	−8.5	73.3	353.3
944	B50R_037_037d	0.375	0.0	0.375	0.375	0.375	0.187	330	0.375	0.0	0.375	29.1	27.3	−3.2	27.5	353.3	0.375	0.0	0.375	32.5	34.9	−5.8	35.4	350.4	8.7	330	1.0	0.0	1.0	48.2	72.8	−8.5	73.3	353.3
945	G00B_100_075d	0.25	1.0	0.25	1.0	0.75	0.625	150	0.25	1.0	0.25	62.8	−51.6	21.0	55.7	157.7	0.25	1.0	0.25	62.1	−43.3	25.9	50.5	149.0	9.6	149	0.0	1.0	0.0	51.9	−68.8	28.1	74.3	157.7
946	G00B_087_062d	0.25	0.875	0.25	0.875	0.625	0.562	150	0.25	0.875	0.25	58.5	−43.0	17.5	46.4	157.7	0.25	0.875	0.25	60.8	−37.2	24.0	44.3	147.1	8.9	149	0.0	1.0	0.0	51.9	−68.8	28.1	74.3	157.7
947	G00B_075_050d	0.25	0.75	0.25	0.75	0.5	0.5	150	0.25	0.75	0.25	54.2	−34.4	14.0	37.1	157.7	0.25	0.75	0.25	58.5	−29.7	20.1	35.9	145.8	8.7	149	0.0	1.0	0.0	51.9	−68.8	28.1	74.3	157.7
948	G00B_062_037d	0.25	0.625	0.25	0.625	0.375	0.437	150	0.25	0.625	0.25	49.9	−25.8	10.5	27.8	157.7	0.25	0.625	0.25	56.0	−23.1	15.7	28.0	145.8	8.4	149	0.0	1.0	0.0	51.9	−68.8	28.1	74.3	157.7
949	G00B_050_025d	0.25	0.5	0.25	0.5	0.25	0.375	150	0.249	0.5	0.249	45.7	−17.2	7.0	18.5	157.7	0.25	0.5	0.25	53.2	−16.2	10.9	19.5	146.1	8.5	149	0.0	1.0	0.0	51.9	−68.8	28.1	74.3	157.7
950	G00B_037_012d	0.25	0.375	0.25	0.375	0.125	0.312	150	0.249	0.375	0.249	41.4	−8.6	3.5	9.2	157.7	0.25	0.375	0.25	50.9	−8.5	5.8	10.3	145.8	9.8	149	0.0	1.0	0.0	51.9	−68.8	28.1	74.3	157.7
951	NW_025d	0.25	0.25	0.25	0.25	0.0	0.25	360	0.25	0.25	0.25	37.1	0.0	0.0	0.0	0.0	0.25	0.25	0.25	47.1	−0.3	−0.4	0.6	233.7	9.9	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
952	B50R_025_012d	0.25	0.125	0.25	0.25	0.125	0.187	330	0.25	0.124	0.25	31.2	9.1	−1.0	9.1	353.3	0.25	0.125	0.25	37.7	12.0	−3.3	12.4	344.4	7.5	330	1.0	0.0	1.0	48.2	72.8	−8.5	73.3	353.3
953	B50R_025_025d	0.25	0.0	0.25	0.25	0.25	0.125	330	0.25	0.0	0.25	25.3	18.2	−2.1	18.3	353.3	0.25	0.0	0.25	29.7	23.9	−4.6	24.4	349.0	7.6	330	1.0	0.0	1.0	48.2	72.8	−8.5	73.3	353.3
954	G00B_100_087d	0.125	1.0	0.125	1.0	0.875	0.562	150	0.125	1.0	0.125	57.3	−60.2	24.6	65.0	157.7	0.125	1.0	0.125	56.0	−54.1	26.7	60.4	153.7	6.5	149	0.0	1.0	0.0	51.9	−68.8	28.1	74.3	157.7
955	G00B_087_075d	0.125	0.875	0.125	0.875	0.75	0.5	150	0.125	0.875	0.125	53.1	−51.6	21.0	55.7	157.7	0.125	0.875	0.125	54.5	−48.1	24.7	54.1	152.8	5.2	149	0.0	1.0	0.0	51.9	−68.8	28.1	74.3	157.7
956	G00B_075_062d	0.125	0.75	0.125	0.75	0.625	0.437	150	0.125	0.75	0.125	48.8	−43.0	17.5	46.4	157.7	0.125	0.75	0.125	51.7	−40.9	21.9	46.4	151.8	5.6	149	0.0	1.0	0.0	51.9	−68.8	28.1	74.3	157.7
957	G00B_062_050d	0.125	0.625	0.125	0.625	0.5	0.375	150	0.125	0.625	0.125	44.5	−34.4	14.0	37.1	157.7	0.125	0.625	0.125	48.7	−33.7	18.9	38.6	150.6	6.5	149	0.0	1.0	0.0	51.9	−68.8	28.1	74.3	157.7
958	G00B_050_037d	0.125	0.5	0.125	0.5	0.375	0.312	150	0.124	0.5	0.124	40.2	−25.8	10.5	27.8	157.7	0.125	0.5	0.125	46.0	−26.1	15.7	30.5	148.8	7.8	149	0.0	1.0	0.0	51.9	−68.8	28.1	74.3	157.7
959	G00B_037_025d	0.125	0.375	0.125	0.375	0.25	0.25	150	0.124	0.375	0.124	35.9	−17.2	7.0	18.5	157.7	0.125	0.375	0.125	43.1	−18.7	11.3	21.8	148.8	8.4	149	0.0	1.0	0.0	51.9	−68.8	28.1	74.3	157.7
960	G00B_025_012d	0.125	0.25	0.125	0.25	0.125	0.187	150	0.124	0.25	0.124	31.7	−8.6	3.5	9.2	157.7	0.125	0.25	0.125	39.1	−10.7	6.0	12.3	150.7	8.1	149	0.0	1.0	0.0	51.9	−68.8	28.1	74.3	157.7
961	NW_012d	0.125	0.125	0.125	0.125	0.0	0.125	360	0.125	0.125	0.125	27.4	0.0	0.0	0.0	0.0	0.125	0.125	0.125	32.3	−0.2	−0.1	0.2	220.7	4.9	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
962	B50R_012_012d	0.125	0.0	0.125	0.125	0.125	0.062	330	0.125	0.0	0.125	21.5	9.1	−1.0	9.1	353.3	0.125	0.0	0.125	24.9	11.1	−2.2	11.3	348.7	4.1	330	1.0	0.0	1.0	48.2	72.8	−8.5	73.3	353.3
963	G00B_100_100d	0.0	1.0	0.0	1.0	1.0	0.5	150	0.0	1.0	0.0	51.9	−68.8	28.1	74.3	157.7	0.0	1.0	0.0	49.3	−69.7	24.5	73.9	160.5	4.4	149	0.0	1.0	0.0	51.9	−68.8	28.1	74.3	157.7
964	G00B_087_087d	0.0	0.875	0.0	0.875	0.875	0.437	150	0.0	0.875	0.0	47.6	−60.2	24.6	65.0	157.7	0.0	0.875	0.0	47.8	−63.4	23.3	67.5	159.7	3.3	149	0.0	1.0	0.0	51.9	−68.8	28.1	74.3	157.7
965	G00B_075_075d	0.0	0.75	0.0	0.75	0.75	0.375	150	0.0	0.75	0.0	43.3	−51.6	21.0	55.7	157.7	0.0	0.75	0.0	45.3	−54.3	22.0	58.6	157.9	3.4	149	0.0	1.0	0.0	51.9	−68.8	28.1	74.3	157.7
966	G00B_062_062d	0.0	0.625	0.0	0.625	0.625	0.312	150	0.0	0.625	0.0	39.1	−43.0	17.5	46.4	157.7	0.0	0.625	0.0	42.7	−46.0	19.4	50.0	157.0	5.1	149	0.0	1.0	0.0	51.9	−68.8	28.1	74.3	157.7
967	G00B_050_050d	0.0	0.5	0.0	0.5	0.5	0.25	150	0.0	0.5	0.0	34.8	−34.4	14.0	37.1	157.7	0.0	0.5	0.0	39.4	−37.8	17.6	41.7	154.9	6.8	149	0.0	1.0	0.0	51.9	−68.8	28.1	74.3	157.7
968	G00B_037_037d	0.0	0.375	0.0	0.375	0.375	0.187	150	0.0	0.375	0.0	30.5	−25.8	10.5	27.8	157.7	0.0	0.375	0.0	36.5	−29.3	14.0	32.4	154.4	7.7	149	0.0	1.0	0.0	51.9	−68.8	28.1	74.3	157.7
969	G00B_025_025d	0.0	0.25	0.0	0.25	0.25	0.125	150	0.0	0.25	0.0	26.2	−17.2	7.0	18.5	157.7	0.0	0.25	0.0	33.1	−19.7	10.4	22.3	152.0	8.0	149	0.0	1.0	0.0	51.9	−68.8	28.1	74.3	157.7
970	G00B_012_012d	0.0	0.125	0.0	0.125	0.125	0.062	150	0.0	0.125	0.0	21.9	−8.6	3.5	9.2	157.7	0.0	0.125	0.0	26.3	−9.4	4.0	10.3	156.8	4.4	149	0.0	1.0	0.0	51.9	−68.8	28.1	74.3	157.7
971	NW_000d	0.0	0.0	0.0	0.0	0.0	0.0	360	0.0	0.0	0.0	17.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	20.4	0.1	0.5	0.5	78.3	2.7	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0

delta $E^{*\prime}$ = *6.4*

2−0033030−F0 QS140−7N, 31/33−F

gráfico TUB-QS14; código de tono: H^*_d=R50Y_d
colores y differencia en color, $\Delta E^{*\prime}$

entrada: *rgb/cmyk* −> rgb_d
salida: transfiera a $cmyk_d$

2−0033030−F0

TUB matrícula: 20130201-QS14/QS14L0NP.PDF /.PS TUB material: code=rha4ta
aplicación para la medida salida en la impressión offset, separación cmyn6 (CMYK)

http://130.149.60.45/~farbmetrik/QS14/QS14L0NP.PDF /.PS; salida de transferencia
N: ninguna 3D-linealización (OL) en archivo (F) o PS-startup (S), página 32/33

n	HIC*Fd	rgb_Fd			ict_Fd			h_si,F,d	rgb*Fd			LabCh*Fd					rgb*'Fd			LabCh*'Fd					DE*'Fd	h_siM,d	rgb*Md			LabCh*Md				
972	NW_000d	0.0	0.0	0.0	0.0	0.0	0.0	360	0.0	0.0	0.0	17.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	19.3	0.0	0.4	0.4	84.7	1.6	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
973	NW_012d	0.125	0.125	0.125	0.125	0.0	0.125	360	0.125	0.125	0.125	27.4	0.0	0.0	0.0	0.0	0.125	0.125	0.125	30.5	−0.2	−0.2	0.3	226.1	3.1	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
974	NW_025d	0.25	0.25	0.25	0.25	0.0	0.25	360	0.25	0.25	0.25	37.1	0.0	0.0	0.0	0.0	0.25	0.25	0.25	45.4	−0.4	−0.6	0.7	236.5	8.3	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
975	NW_037d	0.375	0.375	0.375	0.375	0.0	0.375	360	0.375	0.375	0.375	46.8	0.0	0.0	0.0	0.0	0.375	0.375	0.375	56.2	−0.4	−0.3	0.5	217.4	9.3	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
976	NW_050d	0.5	0.5	0.5	0.5	0.0	0.5	360	0.5	0.5	0.5	56.5	0.0	0.0	0.0	0.0	0.5	0.5	0.5	65.1	−0.4	−0.4	0.5	224.9	8.5	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
977	NW_062d	0.625	0.625	0.625	0.625	0.0	0.625	360	0.625	0.625	0.625	66.3	0.0	0.0	0.0	0.0	0.625	0.625	0.625	73.8	−0.3	−0.2	0.4	220.0	7.5	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
978	NW_075d	0.75	0.75	0.75	0.75	0.0	0.75	360	0.75	0.75	0.75	76.0	0.0	0.0	0.0	0.0	0.75	0.75	0.75	81.8	−0.2	−0.2	0.3	225.6	5.8	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
979	NW_087d	0.875	0.875	0.875	0.875	0.0	0.875	360	0.875	0.875	0.875	85.7	0.0	0.0	0.0	0.0	0.875	0.875	0.875	89.8	−0.1	0.0	0.1	215.9	4.1	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
980	NW_100d	1.0	1.0	1.0	1.0	0.0	1.0	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0	1.0	1.0	1.0	95.4	0.0	0.0	0.0	138.2	0.0	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
981	NW_000d	0.0	0.0	0.0	0.0	0.0	0.0	360	0.0	0.0	0.0	17.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	19.0	0.0	0.2	0.2	72.2	1.3	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
982	NW_012d	0.125	0.125	0.125	0.125	0.0	0.125	360	0.125	0.125	0.125	27.4	0.0	0.0	0.0	0.0	0.125	0.125	0.125	30.2	−0.2	−0.3	0.4	235.2	2.8	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
983	NW_025d	0.25	0.25	0.25	0.25	0.0	0.25	360	0.25	0.25	0.25	37.1	0.0	0.0	0.0	0.0	0.25	0.25	0.25	45.3	−0.4	−0.6	0.7	235.9	8.2	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
984	NW_037d	0.375	0.375	0.375	0.375	0.0	0.375	360	0.375	0.375	0.375	46.8	0.0	0.0	0.0	0.0	0.375	0.375	0.375	56.3	−0.4	−0.5	0.7	229.4	9.5	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
985	NW_050d	0.5	0.5	0.5	0.5	0.0	0.5	360	0.5	0.5	0.5	56.5	0.0	0.0	0.0	0.0	0.5	0.5	0.5	64.8	−0.4	−0.1	0.5	191.4	8.2	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
986	NW_062d	0.625	0.625	0.625	0.625	0.0	0.625	360	0.625	0.625	0.625	66.3	0.0	0.0	0.0	0.0	0.625	0.625	0.625	73.6	−0.3	−0.2	0.4	210.7	7.3	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
987	NW_075d	0.75	0.75	0.75	0.75	0.0	0.75	360	0.75	0.75	0.75	76.0	0.0	0.0	0.0	0.0	0.75	0.75	0.75	81.6	−0.2	−0.2	0.3	229.6	5.6	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
988	NW_087d	0.875	0.875	0.875	0.875	0.0	0.875	360	0.875	0.875	0.875	85.7	0.0	0.0	0.0	0.0	0.875	0.875	0.875	89.9	−0.1	0.0	0.1	197.4	4.1	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
989	NW_100d	1.0	1.0	1.0	1.0	0.0	1.0	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0	1.0	1.0	1.0	95.5	0.0	0.0	0.0	102.7	0.1	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
990	NW_000d	0.0	0.0	0.0	0.0	0.0	0.0	360	0.0	0.0	0.0	17.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	18.6	0.0	0.1	0.1	83.1	0.9	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
991	NW_012d	0.125	0.125	0.125	0.125	0.0	0.125	360	0.125	0.125	0.125	27.4	0.0	0.0	0.0	0.0	0.125	0.125	0.125	29.8	−0.2	−0.3	0.4	232.8	2.4	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
992	NW_025d	0.25	0.25	0.25	0.25	0.0	0.25	360	0.25	0.25	0.25	37.1	0.0	0.0	0.0	0.0	0.25	0.25	0.25	45.1	−0.4	−0.6	0.8	237.3	8.0	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
993	NW_037d	0.375	0.375	0.375	0.375	0.0	0.375	360	0.375	0.375	0.375	46.8	0.0	0.0	0.0	0.0	0.375	0.375	0.375	56.1	−0.4	−0.5	0.7	228.2	9.2	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
994	NW_050d	0.5	0.5	0.5	0.5	0.0	0.5	360	0.5	0.5	0.5	56.5	0.0	0.0	0.0	0.0	0.5	0.5	0.5	64.7	−0.4	−0.3	0.5	220.2	8.1	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
995	NW_062d	0.625	0.625	0.625	0.625	0.0	0.625	360	0.625	0.625	0.625	66.3	0.0	0.0	0.0	0.0	0.625	0.625	0.625	73.4	−0.3	−0.3	0.5	224.3	7.1	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
996	NW_075d	0.75	0.75	0.75	0.75	0.0	0.75	360	0.75	0.75	0.75	76.0	0.0	0.0	0.0	0.0	0.75	0.75	0.75	81.2	−0.2	−0.1	0.3	213.1	5.2	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
997	NW_087d	0.875	0.875	0.875	0.875	0.0	0.875	360	0.875	0.875	0.875	85.7	0.0	0.0	0.0	0.0	0.875	0.875	0.875	89.4	−0.1	0.0	0.1	202.8	3.7	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
998	NW_100d	1.0	1.0	1.0	1.0	0.0	1.0	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0	1.0	1.0	1.0	95.3	0.0	0.1	0.1	111.5	0.1	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
999	NW_000d	0.0	0.0	0.0	0.0	0.0	0.0	360	0.0	0.0	0.0	17.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	18.4	0.0	0.0	0.0	96.0	0.7	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
1000	NW_012d	0.125	0.125	0.125	0.125	0.0	0.125	360	0.125	0.125	0.125	27.4	0.0	0.0	0.0	0.0	0.125	0.125	0.125	29.4	−0.2	−0.3	0.4	233.4	2.0	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
1001	NW_025d	0.25	0.25	0.25	0.25	0.0	0.25	360	0.25	0.25	0.25	37.1	0.0	0.0	0.0	0.0	0.25	0.25	0.25	44.3	−0.4	−0.7	0.8	239.8	7.2	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
1002	NW_037d	0.375	0.375	0.375	0.375	0.0	0.375	360	0.375	0.375	0.375	46.8	0.0	0.0	0.0	0.0	0.375	0.375	0.375	55.8	−0.4	−0.6	0.8	235.0	8.9	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
1003	NW_050d	0.5	0.5	0.5	0.5	0.0	0.5	360	0.5	0.5	0.5	56.5	0.0	0.0	0.0	0.0	0.5	0.5	0.5	64.6	−0.4	−0.5	0.6	230.8	8.1	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
1004	NW_062d	0.625	0.625	0.625	0.625	0.0	0.625	360	0.625	0.625	0.625	66.3	0.0	0.0	0.0	0.0	0.625	0.625	0.625	73.2	−0.3	−0.4	0.5	229.6	6.9	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
1005	NW_075d	0.75	0.75	0.75	0.75	0.0	0.75	360	0.75	0.75	0.75	76.0	0.0	0.0	0.0	0.0	0.75	0.75	0.75	81.2	−0.2	−0.2	0.3	222.5	5.2	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
1006	NW_087d	0.875	0.875	0.875	0.875	0.0	0.875	360	0.875	0.875	0.875	85.7	0.0	0.0	0.0	0.0	0.875	0.875	0.875	89.7	−0.1	0.0	0.1	179.7	3.9	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
1007	NW_100d	1.0	1.0	1.0	1.0	0.0	1.0	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0	1.0	1.0	1.0	95.4	0.0	0.1	0.1	108.6	0.1	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
1008	NW_000d	0.0	0.0	0.0	0.0	0.0	0.0	360	0.0	0.0	0.0	17.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	19.7	0.0	0.4	0.4	83.1	2.1	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
1009	NW_006d	0.066	0.066	0.066	0.066	0.0	0.066	360	0.066	0.066	0.066	22.8	0.0	0.0	0.0	0.0	0.066	0.066	0.066	23.5	0.0	0.3	0.3	97.7	0.7	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
1010	NW_013d	0.133	0.133	0.133	0.133	0.0	0.133	360	0.133	0.133	0.133	28.0	0.0	0.0	0.0	0.0	0.133	0.133	0.133	31.8	−0.2	−0.3	0.4	233.6	3.7	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
1011	NW_020d	0.2	0.2	0.2	0.2	0.0	0.2	360	0.2	0.2	0.2	33.2	0.0	0.0	0.0	0.0	0.2	0.2	0.2	40.7	−0.3	−0.5	0.6	236.6	7.4	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
1012	NW_026d	0.266	0.266	0.266	0.266	0.0	0.266	360	0.266	0.266	0.266	38.3	0.0	0.0	0.0	0.0	0.266	0.266	0.266	46.8	−0.4	−0.5	0.7	234.6	8.5	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
1013	NW_033d	0.333	0.333	0.333	0.333	0.0	0.333	360	0.333	0.333	0.333	43.6	0.0	0.0	0.0	0.0	0.333	0.333	0.333	53.5	−0.4	−0.5	0.6	231.7	9.9	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
1014	NW_040d	0.4	0.4	0.4	0.4	0.0	0.4	360	0.4	0.4	0.4	48.8	0.0	0.0	0.0	0.0	0.4	0.4	0.4	58.5	−0.4	−0.5	0.6	232.4	9.7	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
1015	NW_046d	0.466	0.466	0.466	0.466	0.0	0.466	360	0.466	0.466	0.466	53.9	0.0	0.0	0.0	0.0	0.466	0.466	0.466	62.7	−0.4	−0.5	0.6	232.1	8.7	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
1016	NW_053d	0.533	0.533	0.533	0.533	0.0	0.533	360	0.533	0.533	0.533	59.1	0.0	0.0	0.0	0.0	0.533	0.533	0.533	67.6	−0.3	−0.4	0.6	231.8	8.5	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
1017	NW_060d	0.6	0.6	0.6	0.6	0.0	0.6	360	0.6	0.6	0.6	64.3	0.0	0.0	0.0	0.0	0.6	0.6	0.6	72.7	−0.3	−0.4	0.5	231.4	8.3	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
1018	NW_066d	0.666	0.666	0.666	0.666	0.0	0.666	360	0.666	0.666	0.666	69.5	0.0	0.0	0.0	0.0	0.666	0.666	0.666	76.8	−0.2	−0.3	0.4	231.9	7.3	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
1019	NW_073d	0.734	0.734	0.734	0.734	0.0	0.734	360	0.734	0.734	0.734	74.7	0.0	0.0	0.0	0.0	0.734	0.734	0.734	80.9	−0.2	−0.2	0.3	225.3	6.1	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
1020	NW_080d	0.8	0.8	0.8	0.8	0.0	0.8	360	0.8	0.8	0.8	79.9	0.0	0.0	0.0	0.0	0.8	0.8	0.8	84.8	−0.1	−0.1	0.2	226.2	4.9	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
1021	NW_086d	0.866	0.866	0.866	0.866	0.0	0.866	360	0.866	0.866	0.866	85.0	0.0	0.0	0.0	0.0	0.866	0.866	0.866	89.6	−0.1	0.0	0.1	212.1	4.6	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
1022	NW_093d	0.933	0.933	0.933	0.933	0.0	0.933	360	0.933	0.933	0.933	90.2	0.0	0.0	0.0	0.0	0.933	0.933	0.933	92.3	0.0	0.0	0.0	232.8	2.0	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
1023	NW_100d	1.0	1.0	1.0	1.0	0.0	1.0	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0	1.0	1.0	1.0	95.5	0.0	0.0	0.0	325.6	0.0	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
1024	NW_000d	0.0	0.0	0.0	0.0	0.0	0.0	360	0.0	0.0	0.0	17.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	19.4	0.0	0.4	0.4	87.5	1.7	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
1025	NW_006d	0.066	0.066	0.066	0.066	0.0	0.066	360	0.066	0.066	0.066	22.8	0.0	0.0	0.0	0.0	0.066	0.066	0.066	23.2	0.0	0.1	0.1	114.3	0.3	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
1026	NW_013d	0.133	0.133	0.133	0.133	0.0	0.133	360	0.133	0.133	0.133	28.0	0.0	0.0	0.0	0.0	0.133	0.133	0.133	31.5	−0.2	−0.3	0.4	234.5	3.4	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
1027	NW_020d	0.2	0.2	0.2	0.2	0.0	0.2	360	0.2	0.2	0.2	33.2	0.0	0.0	0.0	0.0	0.2	0.2	0.2	40.2	−0.3	−0.6	0.7	237.8	7.0	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
1028	NW_026d	0.266	0.266	0.266	0.266	0.0	0.266	360	0.266	0.266	0.266	38.3	0.0	0.0	0.0	0.0	0.266	0.266	0.266	46.7	−0.4	−0.5	0.7	234.5	8.4	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
1029	NW_033d	0.333	0.333	0.333	0.333	0.0	0.333	360	0.333	0.333	0.333	43.6	0.0	0.0	0.0	0.0	0.333	0.333	0.333	52.9	−0.4	−0.6	0.7	235.6	9.4	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
1030	NW_040d	0.4	0.4	0.4	0.4	0.0	0.4	360	0.4	0.4	0.4	48.8	0.0	0.0	0.0	0.0	0.4	0.4	0.4	58.0	−0.4	−0.6	0.7	236.6	9.2	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
1031	NW_046d	0.466	0.466	0.466	0.466	0.0	0.466	360	0.466	0.466	0.466	53.9	0.0	0.0	0.0	0.0	0.466	0.466	0.466	62.5	−0.4	−0.5	0.6	233.8	8.5	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
1032	NW_053d	0.533	0.533	0.533	0.533	0.0	0.533	360	0.533	0.533	0.533	59.1	0.0	0.0	0.0	0.0	0.533	0.533	0.533	67.6	−0.3	−0.4	0.6	229.9	8.4	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
1033	NW_060d	0.6	0.6	0.6	0.6	0.0	0.6	360	0.6	0.6	0.6	64.3	0.0	0.0	0.0	0.0	0.6	0.6	0.6	72.6	−0.3	−0.3	0.5	226.7	8.2	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
1034	NW_066d	0.666	0.666	0.666	0.666	0.0	0.666	360	0.666	0.666	0.666	69.5	0.0	0.0	0.0	0.0	0.666	0.666	0.666	76.4	−0.3	−0.3	0.4	228.5	6.9	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
1035	NW_073d	0.734	0.734	0.734	0.734	0.0	0.734	360	0.734	0.734	0.734	74.7	0.0	0.0	0.0	0.0	0.734	0.734	0.734	81.0	−0.2	−0.3	0.3	231.4	6.2	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
1036	NW_080d	0.8	0.8	0.8	0.8	0.0	0.8	360	0.8	0.8	0.8	79.9	0.0	0.0	0.0	0.0	0.8	0.8	0.8	84.8	−0.1	−0.2	0.2	227.1	4.9	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
1037	NW_086d	0.866	0.866	0.866	0.866	0.0	0.866	360	0.866	0.866	0.866	85.0	0.0	0.0	0.0	0.0	0.866	0.866	0.866	89.7	−0.1	0.0	0.1	214.9	4.6	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
1038	NW_093d	0.933	0.933	0.933	0.933	0.0	0.933	360	0.933	0.933	0.933	90.2	0.0	0.0	0.0	0.0	0.933	0.933	0.933	92.3	0.0	0.0	0.0	192.4	2.0	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
1039	NW_100d	1.0	1.0	1.0	1.0	0.0	1.0	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0	1.0	1.0	1.0	95.6	0.0	0.0	0.0	75.7	0.1	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
1040	NW_000d	0.0	0.0	0.0	0.0	0.0	0.0	360	0.0	0.0	0.0	17.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	19.2	0.0	0.3	0.3	82.9	1.6	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
1041	NW_006d	0.066	0.066	0.066	0.066	0.0	0.066	360	0.066	0.066	0.066	22.8	0.0	0.0	0.0	0.0	0.066	0.066	0.066	22.9	−0.1	0.1	0.1	123.7	0.2	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
1042	NW_013d	0.133	0.133	0.133	0.133	0.0	0.133	360	0.133	0.133	0.133	28.0	0.0	0.0	0.0	0.0	0.133	0.133	0.133	30.8	−0.3	−0.3	0.4	230.8	2.8	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
1043	NW_020d	0.2	0.2	0.2	0.2	0.0	0.2	360	0.2	0.2	0.2	33.2	0.0	0.0	0.0	0.0	0.2	0.2	0.2	39.5	−0.4	−0.6	0.7	238.3	6.3	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
1044	NW_026d	0.266	0.266	0.266	0.266	0.0	0.266	360	0.266	0.266	0.266	38.3	0.0	0.0	0.0	0.0	0.266	0.266	0.266	45.8	−0.4	−0.6	0.7	234.2	7.5	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
1045	NW_033d	0.333	0.333	0.333	0.333	0.0	0.333	360	0.333	0.333	0.333	43.6	0.0	0.0	0.0	0.0	0.333	0.333	0.333	52.9	−0.4	−0.6	0.7	233.9	9.3	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
1046	NW_040d	0.4	0.4	0.4	0.4	0.0	0.4	360	0.4	0.4	0.4	48.8	0.0	0.0	0.0	0.0	0.4	0.4	0.4	57.9	−0.4	−0.6	0.7	234.3	9.2	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
1047	NW_046d	0.466	0.466	0.466	0.466	0.0	0.466	360	0.466	0.466	0.466	53.9	0.0	0.0	0.0	0.0	0.466	0.466	0.466	62.0	−0.4	−0.5	0.7	231.6	8.1	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
1048	NW_053d	0.533	0.533	0.533	0.533	0.0	0.533	360	0.533	0.533	0.533	59.1	0.0	0.0	0.0	0.0	0.533	0.533	0.533	67.5	−0.3	−0.5	0.6	233.4	8.3	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
1049	NW_060d	0.6	0.6	0.6	0.6	0.0	0.6	360	0.6	0.6	0.6	64.3	0.0	0.0	0.0	0.0	0.6	0.6	0.6	72.0	−0.3	−0.4	0.5	231.2	7.7	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
1050	NW_066d	0.666	0.666	0.666	0.666	0.0	0.666	360	0.666	0.666	0.666	69.5	0.0	0.0	0.0	0.0	0.666	0.666	0.666	76.6	−0.3	−0.3	0.5	230.4	7.2	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
1051	NW_073d	0.734	0.734	0.734	0.734	0.0	0.734	360	0.734	0.734	0.734	74.7	0.0	0.0	0.0	0.0	0.734	0.734	0.734	80.9	−0.2	−0.3	0.4	229.7	6.2	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
1052	NW_080d	0.8	0.8	0.8	0.8	0.0	0.8	360	0.8	0.8	0.8	79.9	0.0	0.0	0.0	0.0	0.8	0.8	0.8	84.7	−0.2	−0.1	0.2	213.0	4.8	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0

delta E*' = 5.5

2-0033130-F0 QS140-7N, 32/33-F

gráfico TUB-QS14; código de tono: H^*_d=R50Y_d
colores y differencia en color, $\Delta E^{*\prime}$

entrada: *rgb/cmyk* −> rgb_d
salida: transfiera a $cmyk_d$

QS1400L

http://130.149.60.45/~farbmetrik/QS14/QS14L0NP.PDF /.PS; salida de transferencia
N: ninguna 3D-linealización (OL) en archivo (F) o PS-startup (S), página 33/33

n	HIC*Fd	rgb_Fd			ict_Fd			$h_{si\_F,d}$	rgb*Fd			LabCh*Fd				
1053	NW_086d	0.866	0.866	0.866	0.866	0.0	0.866	360	0.866	0.866	0.866	85.0	0.0	0.0	0.0	0.0
1054	NW_093d	0.933	0.933	0.933	0.933	0.0	0.933	360	0.933	0.933	0.933	90.2	0.0	0.0	0.0	0.0
1055	NW_100d	1.0	1.0	1.0	1.0	0.0	1.0	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
1056	NW_000d	0.0	0.0	0.0	0.0	0.0	0.0	360	0.0	0.0	0.0	17.7	0.0	0.0	0.0	0.0
1057	NW_006d	0.066	0.066	0.066	0.066	0.0	0.066	360	0.066	0.066	0.066	22.8	0.0	0.0	0.0	0.0
1058	NW_013d	0.133	0.133	0.133	0.133	0.0	0.133	360	0.133	0.133	0.133	28.0	0.0	0.0	0.0	0.0
1059	NW_020d	0.2	0.2	0.2	0.2	0.0	0.2	360	0.2	0.2	0.2	33.2	0.0	0.0	0.0	0.0
1060	NW_026d	0.266	0.266	0.266	0.266	0.0	0.266	360	0.266	0.266	0.266	38.3	0.0	0.0	0.0	0.0
1061	NW_033d	0.333	0.333	0.333	0.333	0.0	0.333	360	0.333	0.333	0.333	43.6	0.0	0.0	0.0	0.0
1062	NW_040d	0.4	0.4	0.4	0.4	0.0	0.4	360	0.4	0.4	0.4	48.8	0.0	0.0	0.0	0.0
1063	NW_046d	0.466	0.466	0.466	0.466	0.0	0.466	360	0.466	0.466	0.466	53.9	0.0	0.0	0.0	0.0
1064	NW_053d	0.533	0.533	0.533	0.533	0.0	0.533	360	0.533	0.533	0.533	59.1	0.0	0.0	0.0	0.0
1065	NW_060d	0.6	0.6	0.6	0.6	0.0	0.6	360	0.6	0.6	0.6	64.3	0.0	0.0	0.0	0.0
1066	NW_066d	0.666	0.666	0.666	0.666	0.0	0.666	360	0.666	0.666	0.666	69.5	0.0	0.0	0.0	0.0
1067	NW_073d	0.734	0.734	0.734	0.734	0.0	0.734	360	0.734	0.734	0.734	74.7	0.0	0.0	0.0	0.0
1068	NW_080d	0.8	0.8	0.8	0.8	0.0	0.8	360	0.8	0.8	0.8	79.9	0.0	0.0	0.0	0.0
1069	NW_086d	0.866	0.866	0.866	0.866	0.0	0.866	360	0.866	0.866	0.866	85.0	0.0	0.0	0.0	0.0
1070	NW_093d	0.933	0.933	0.933	0.933	0.0	0.933	360	0.933	0.933	0.933	90.2	0.0	0.0	0.0	0.0
1071	NW_100d	1.0	1.0	1.0	1.0	0.0	1.0	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
1072	NW_000d	0.0	0.0	0.0	0.0	0.0	0.0	360	0.0	0.0	0.0	17.7	0.0	0.0	0.0	0.0
1073	NW_100d	1.0	1.0	1.0	1.0	0.0	1.0	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
1074	R00Y_100_100d	1.0	0.0	0.0	1.0	1.0	0.5	390	1.0	0.0	0.0	47.3	63.8	41.2	76.0	32.8
1075	G50B_100_100d	0.0	1.0	1.0	1.0	1.0	0.5	210	0.0	1.0	1.0	58.3	−29.2	−43.7	52.6	236.1
1076	Y00G_100_100d	1.0	1.0	0.0	1.0	1.0	0.5	90	1.0	1.0	0.0	88.3	−11.9	95.1	95.8	97.1
1077	B00R_100_100d	0.0	0.0	1.0	1.0	1.0	0.5	270	0.0	0.0	1.0	25.3	23.5	−47.3	52.8	296.4
1078	G00B_100_100d	0.0	1.0	0.0	1.0	1.0	0.5	150	0.0	1.0	0.0	51.9	−68.8	28.1	74.3	157.7
1079	B50R_100_100d	1.0	0.0	1.0	1.0	1.0	0.5	330	1.0	0.0	1.0	48.2	72.8	−8.5	73.3	353.3

n	rgb*'Fd			LabCh*'Fd					DE*'Fd	$h_{siM,d}$	rgb*Md			LabCh*Md				
1053	0.866	0.866	0.866	89.4	−0.1	0.0	0.1	204.5	4.4	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
1054	0.933	0.933	0.933	92.2	0.0	0.0	0.0	177.8	1.9	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
1055	1.0	1.0	1.0	95.4	0.0	0.0	0.0	61.5	0.0	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
1056	0.0	0.0	0.0	18.7	0.0	0.1	0.1	96.3	1.0	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
1057	0.066	0.066	0.066	22.3	−0.1	0.0	0.1	151.6	0.5	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
1058	0.133	0.133	0.133	30.4	−0.2	−0.5	0.6	242.3	2.4	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
1059	0.2	0.2	0.2	38.9	−0.4	−0.8	0.9	243.3	5.7	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
1060	0.266	0.266	0.266	45.6	−0.4	−0.7	0.8	240.2	7.2	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
1061	0.333	0.333	0.333	51.9	−0.4	−0.6	0.8	235.4	8.4	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
1062	0.4	0.4	0.4	57.3	−0.4	−0.6	0.7	234.3	8.6	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
1063	0.466	0.466	0.466	61.7	−0.4	−0.6	0.7	235.2	7.8	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
1064	0.533	0.533	0.533	67.0	−0.3	−0.5	0.6	234.5	7.9	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
1065	0.6	0.6	0.6	72.1	−0.3	−0.4	0.5	231.6	7.7	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
1066	0.666	0.666	0.666	76.7	−0.3	−0.4	0.5	233.5	7.3	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
1067	0.734	0.734	0.734	80.9	−0.2	−0.2	0.3	225.3	6.1	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
1068	0.8	0.8	0.8	84.8	−0.2	−0.1	0.2	221.2	4.9	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
1069	0.866	0.866	0.866	89.3	−0.1	−0.1	0.1	220.3	4.3	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
1070	0.933	0.933	0.933	92.2	0.0	0.0	0.0	125.8	2.0	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
1071	1.0	1.0	1.0	95.5	0.0	0.0	0.0	92.4	0.0	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
1072	0.0	0.0	0.0	20.0	0.1	0.5	0.5	78.4	2.3	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
1073	1.0	1.0	1.0	95.6	0.0	−0.1	0.1	275.2	0.1	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
1074	1.0	0.0	0.0	44.8	66.8	40.9	78.4	31.4	3.9	389	1.0	0.0	0.0	47.3	63.8	41.2	76.0	32.8
1075	0.0	1.0	1.0	56.0	−28.4	−45.4	53.6	237.9	2.9	210	0.0	1.0	1.0	58.3	−29.2	−43.7	52.6	236.1
1076	1.0	1.0	0.0	87.5	−11.0	95.6	96.2	96.5	1.3	89	1.0	1.0	0.0	88.3	−11.9	95.1	95.8	97.1
1077	0.0	0.0	1.0	22.8	25.5	−46.0	52.6	299.0	3.4	270	0.0	0.0	1.0	25.3	23.5	−47.3	52.8	296.4
1078	0.0	1.0	0.0	48.4	−70.3	25.1	74.6	160.2	4.7	149	0.0	1.0	0.0	51.9	−68.8	28.1	74.3	157.7
1079	1.0	0.0	1.0	45.0	75.3	−3.2	75.4	357.5	6.6	330	1.0	0.0	1.0	48.2	72.8	−8.5	73.3	353.3
								delta E*' =	4.2									

2−0033230−F0

QS140−7N, 33/33−F

gráfico TUB-QS14; código de tono: H^*_d=R50Y_d
colores y differencia en color, $\Delta E^{*'}$

entrada: *rgb/cmyk* −> rgb_d
salida: transfiera a $cmyk_d$