

Entrada i salida: Offset Reflective System ORS18a for relative CIELAB hue $h_{ab,a,rel} = h_{ab}/360 = 102/360 = 0.28$

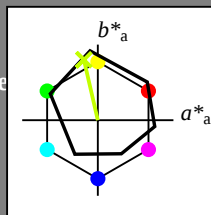
Datos del dispositivo (d) o elemental (e) color:

HIC^*

código de tono para les colore
esta página:

$H^*_ = Y25G_-$

triángulo claridad T^*



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

Los datos de color máximo (Ma):

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

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

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

0.76 1.0 0.0 1.0 1.0

triángulo 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

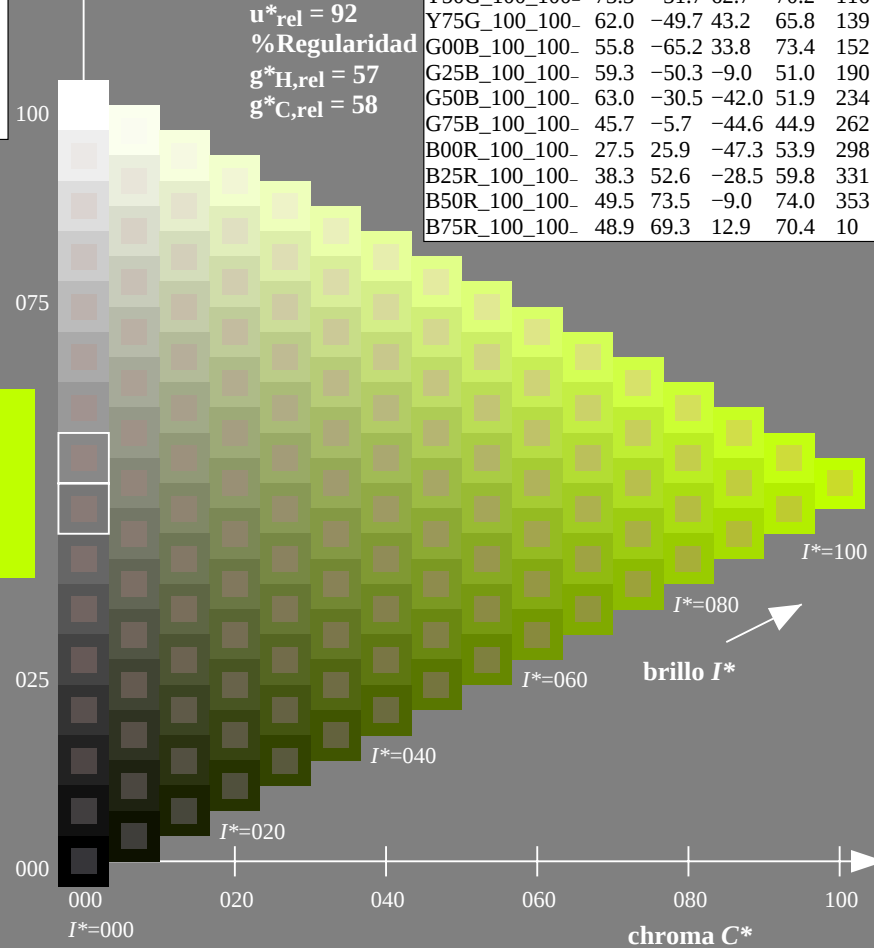
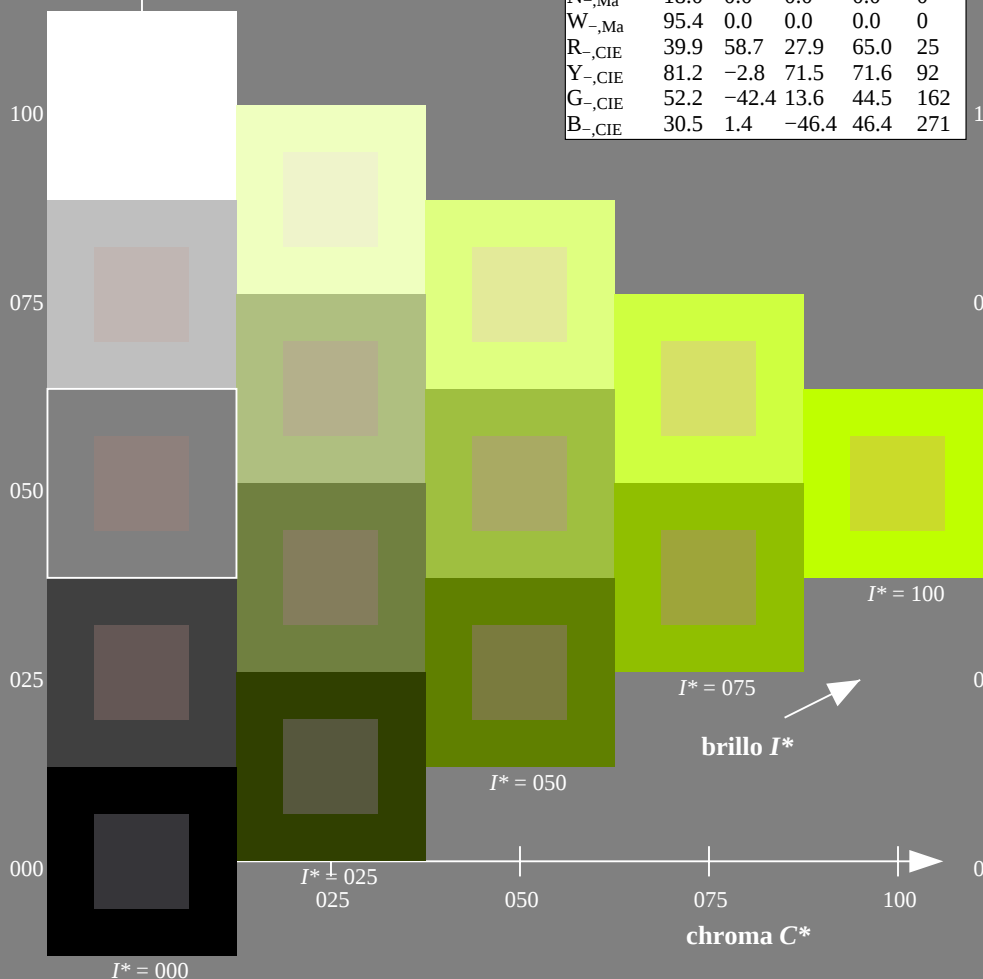


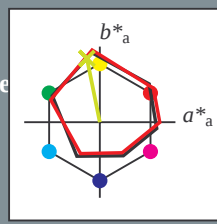
gráfico TUB-QS47; código de tono: $H^*_ = Y25G_-$
gráfico según a DIN 33872, 3D=1, de=0, $cmy0^*$

entrada: $rgb/cmyk \rightarrow rgb/cmyk$
salida: ningún cambio

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$H^*_d = Y25G_d$

Datos del dispositivo (d) o elemental (e) color:
 HIC^*_d
código de tono para les colore esta página:
 $H^*_d = Y25G_d$
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}	45.4	70.9	44.8	83.9	32
Y _{d,Ma}	87.8	-10.2	95.4	96.0	96
G _{d,Ma}	50.0	-65.0	29.6	71.4	155
C _{d,Ma}	56.8	-25.5	-41.5	48.7	238
B _{d,Ma}	25.0	29.5	-40.4	50.0	306
M _{d,Ma}	46.1	79.3	-0.2	79.3	359
N _{d,Ma}	24.3	0.0	0.0	0.0	0
W _{d,Ma}	95.6	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):

$LabCh^*_d, Ma$: 81 -17 84 86 101

HIC^*_d, Ma : Y25G_100_100d

$rgbic^*_d, Ma$:

0.76 1.0 0.0 1.0 1.0

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H^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
R00Y_100_100d	45.4	70.9	44.8	83.9	32
R25Y_100_100d	53.0	53.4	54.8	76.5	45
R50Y_100_100d	64.9	28.9	68.6	74.5	67
R75Y_100_100d	78.6	4.3	84.7	84.8	87
Y00G_100_100d	87.8	-10.2	95.4	96.0	96
Y25G_100_100d	81.2	-17.0	84.3	86.0	101
Y50G_100_100d	70.6	-29.7	66.5	72.8	114
Y75G_100_100d	57.9	-48.3	45.8	66.5	136
G00B_100_100d	50.0	-65.0	29.6	71.4	155
G25B_100_100d	52.9	-48.6	-8.0	49.3	189
G50B_100_100d	56.8	-25.5	-41.5	48.7	238
G75B_100_100d	41.7	-1.2	-40.6	40.6	268
B00R_100_100d	25.0	29.5	-40.4	50.0	306
B25R_100_100d	35.6	58.6	-20.7	62.1	340
B50R_100_100d	46.1	79.3	-0.2	79.3	359
B75R_100_100d	45.9	74.2	21.1	77.1	15

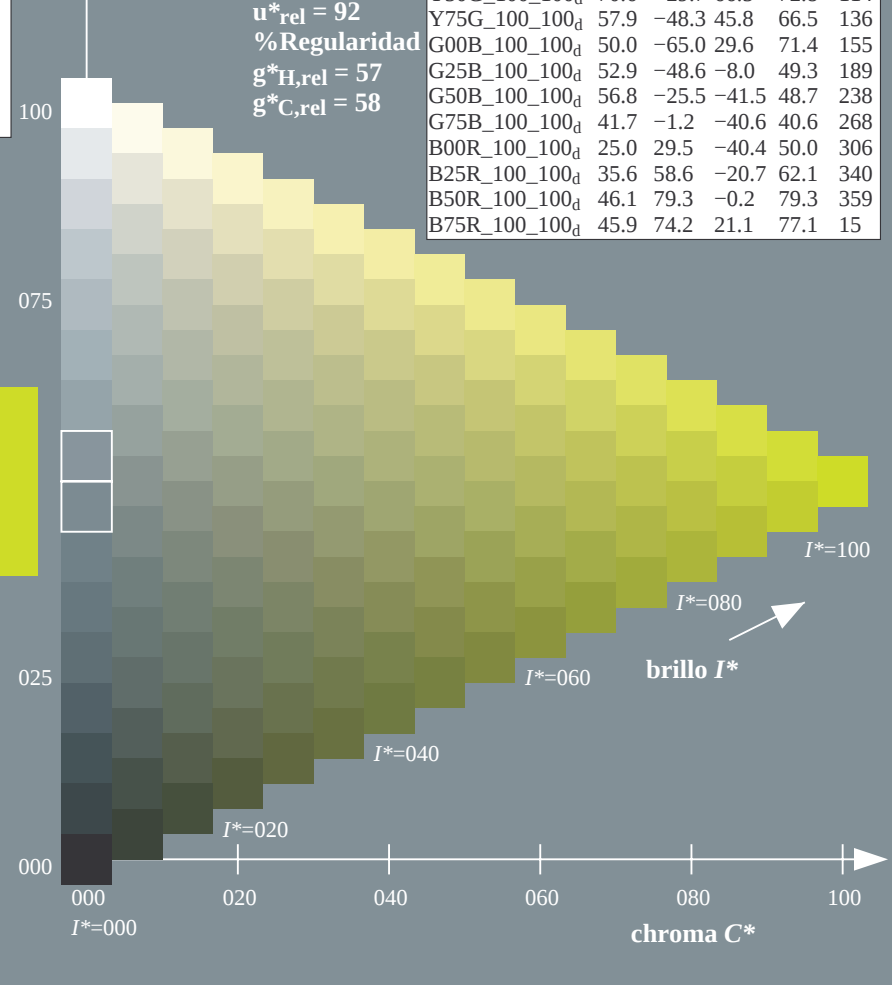
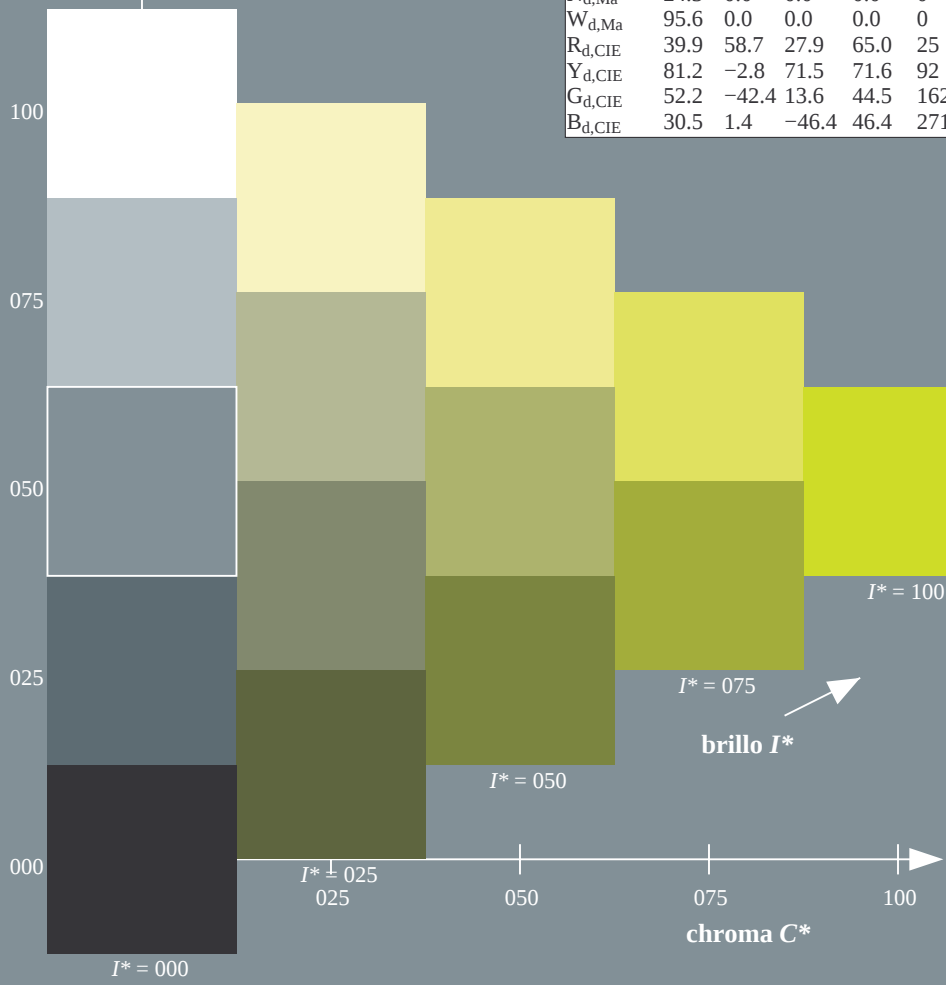


gráfico TUB-QS47; código de tono: $H^*_d = Y25G_d$
gráfico según a DIN 33872, 3D=1, de=0, $cmY0^*$

entrada: $rgb/cmyk \rightarrow rgb_{dd}$
salida: 3D-linealización a $cmY0^*_{dd}$

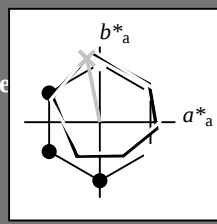
TUB matrícula: 20130201-QS47/QS47L0FP.PDF /PS
aplicación para la medida salida en la impresión offset, separación $cmY0^*$ (CMY0)

TUB material: code=rha4ta

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ORS20a; datos adaptados CIELAB (a)

name	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
R _{d,Ma}	45.4	70.9	44.8	83.9	32
Y _{d,Ma}	87.8	-10.2	95.4	96.0	96
G _{d,Ma}	50.0	-65.0	29.6	71.4	155
C _{d,Ma}	56.8	-25.5	-41.5	48.7	238
B _{d,Ma}	25.0	29.5	-40.4	50.0	306
M _{d,Ma}	46.1	79.3	-0.2	79.3	359
N _{d,Ma}	24.3	0.0	0.0	0.0	0
W _{d,Ma}	95.6	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):

$LabCh^*_d, Ma$: 81 -17 84 86 101

HIC^*_d, Ma : Y25G_100_100d

$rgbic^*_d, Ma$:

0.76 1.0 0.0 1.0 1.0

triàngulo claridad T^*

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H^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
R00Y_100_100 _d	45.4	70.9	44.8	83.9	32
R25Y_100_100 _d	53.0	53.4	54.8	76.5	45
R50Y_100_100 _d	64.9	28.9	68.6	74.5	67
R75Y_100_100 _d	78.6	4.3	84.7	84.8	87
Y00G_100_100 _d	87.8	-10.2	95.4	96.0	96
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G50B_100_100 _d	56.8	-25.5	-41.5	48.7	238
G75B_100_100 _d	41.7	-1.2	-40.6	40.6	268
B00R_100_100 _d	25.0	29.5	-40.4	50.0	306
B25R_100_100 _d	35.6	58.6	-20.7	62.1	340
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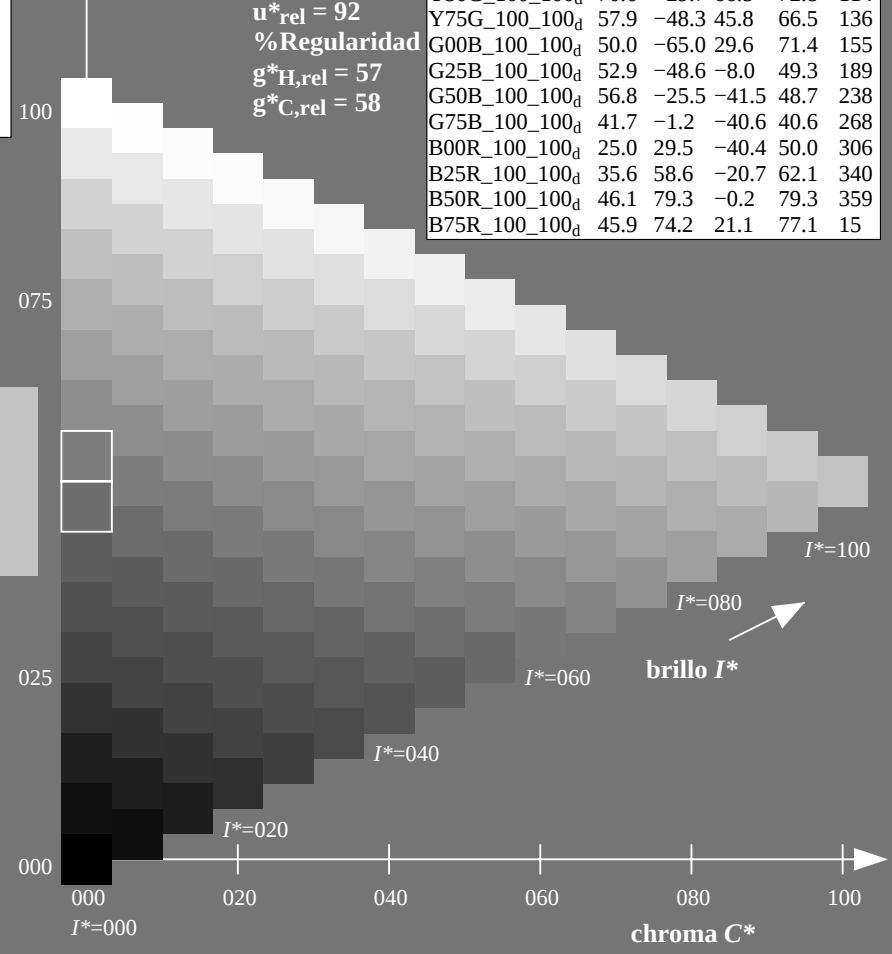
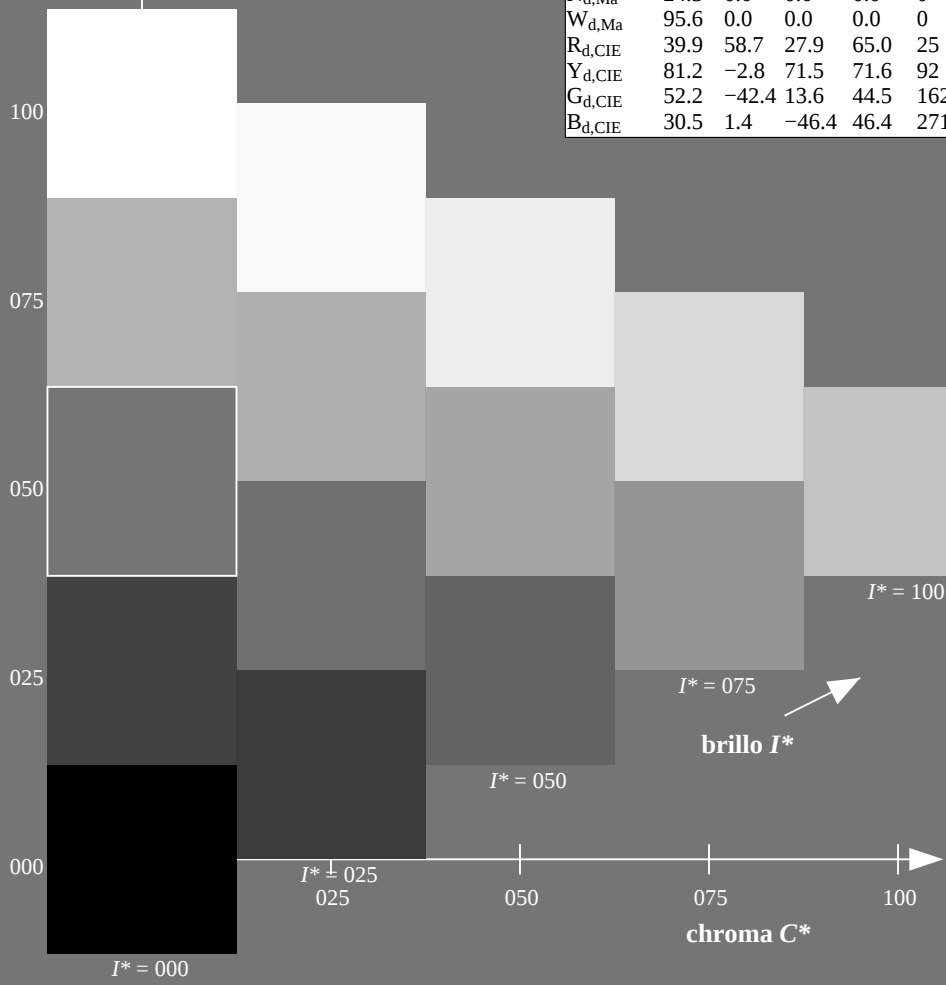


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aplicación para la medida salida en la impresión offset, separación $cmY0^*$ (CMY0)

TUB material: code=rha4ta

vea archivos semejantes: <http://130.149.60.45/~farbmetrik/QS47/QS47.HTM>
información técnica: <http://www.ps.bam.de> o <http://130.149.60.45/~farbmetrik>

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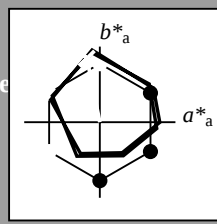
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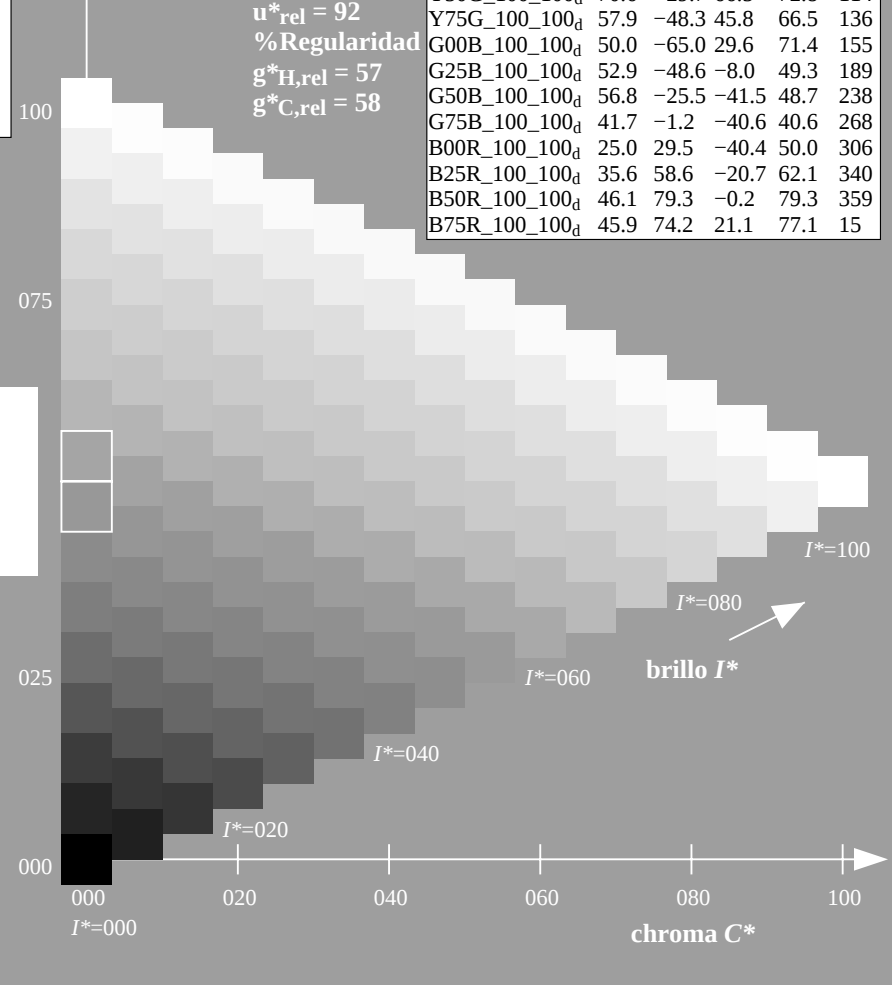
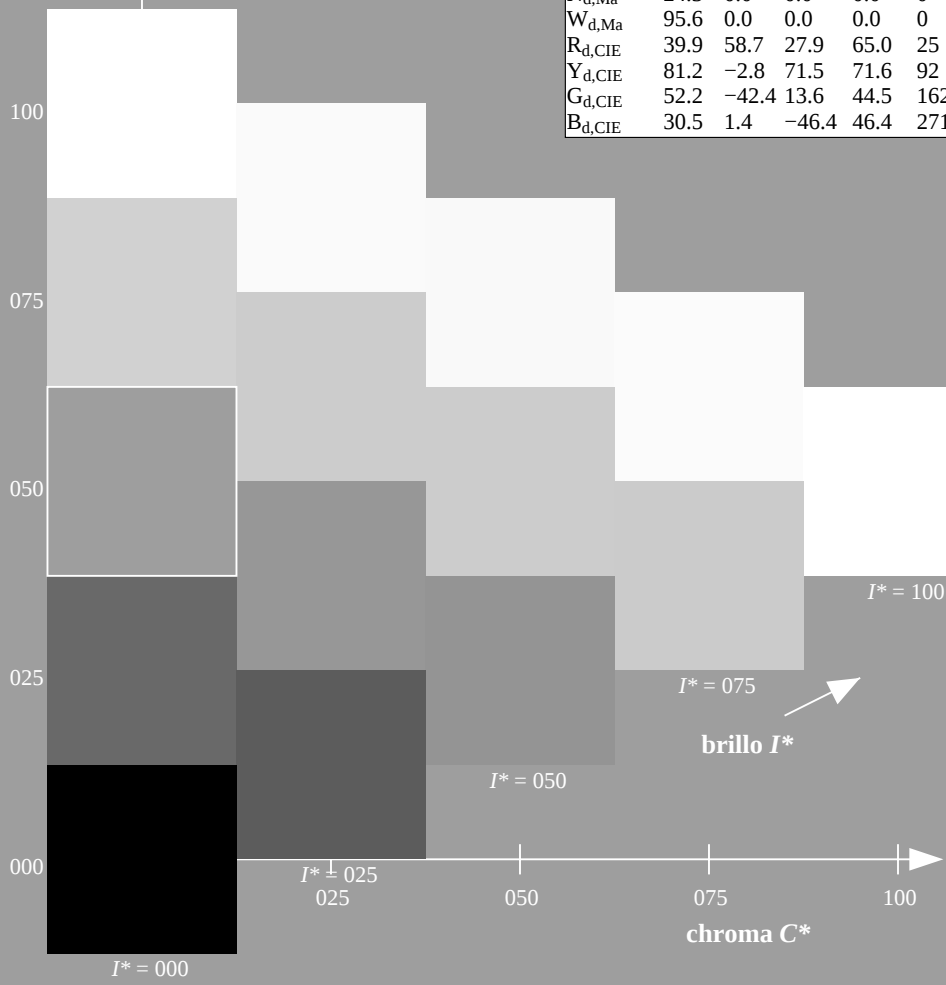


gráfico TUB-QS47; código de tono: $H^*_d=Y25G_d$
gráfico según a DIN 33872, 3D=1, de=0, $cmy0^*$

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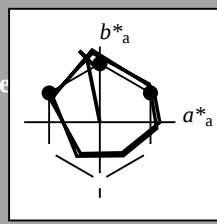
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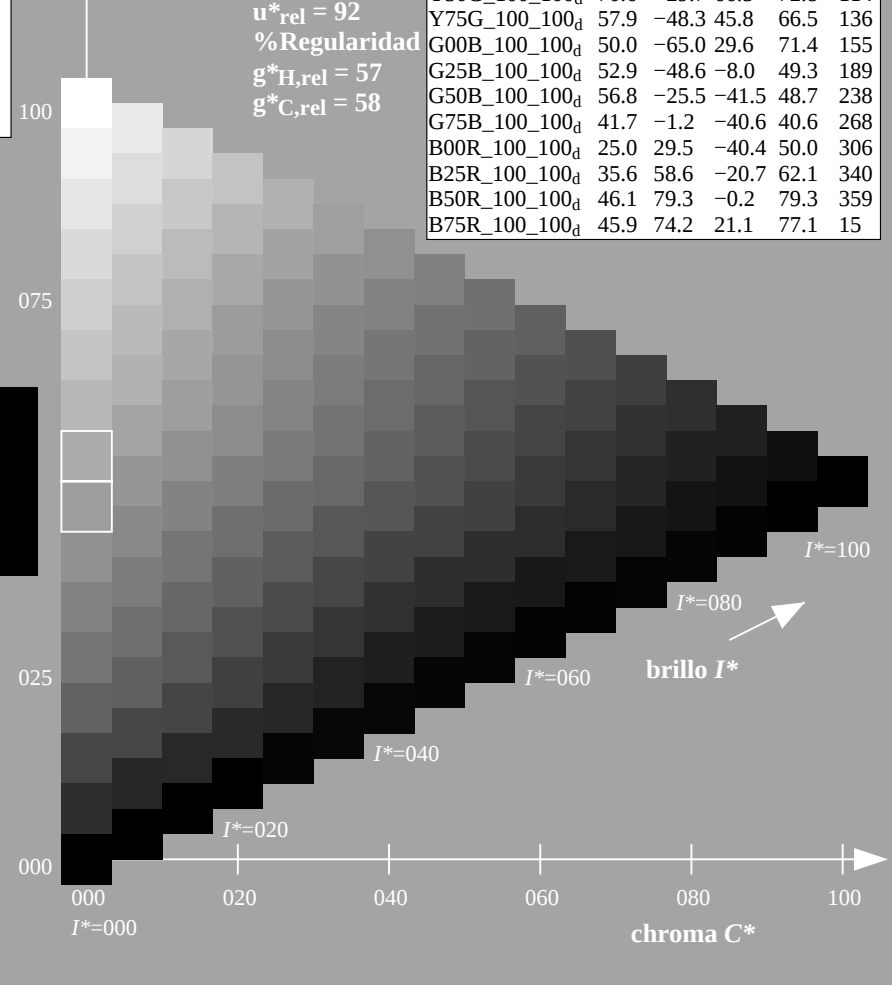
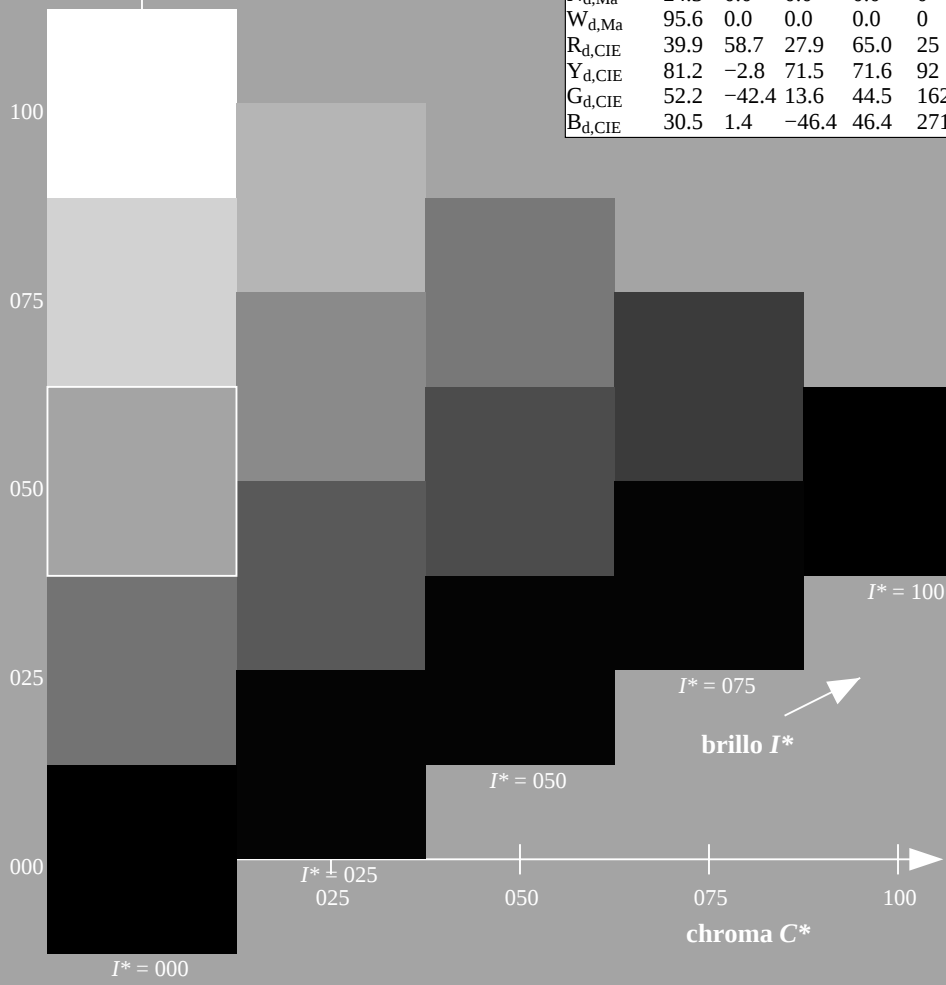
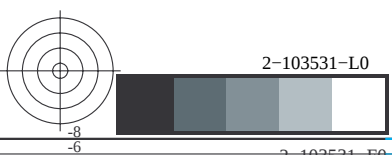
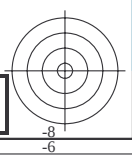


gráfico TUB-QS47; código de tono: $H^*_d=Y25G_d$
gráfico según a DIN 33872, 3D=1, de=0, $cmY0^*$

entrada: $rgb/cmyk \rightarrow rgb_{dd}$
salida: 3D-linealización a $cmY0^*_{dd}$

TUB matrícula: 20130201-QS47/QS47L0FP.PDF /.PS
aplicación para la medida salida en la impresión offset, separación $cmY0^*$ (CMY0)

TUB material: code=rha4ta



Data of Maximum color M in colorimetric system Offset standard print; separation cmy0*, 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 $RYGCBM_d$: $h_{ab,d} = 32.3, 96.1, 155.5, 238.4, 306.2, 359.8$; Six hue angles of the elementary colours $RYGCBM_e$: $h_{ab,e} = 25.5, 92.3, 162.2, 217.0, 271.7, 328.6$

$J=Y_d$

$LCH^*_d = 87.8 \ 96.0 \ 96.1$
 $LAB^*_d = 87.8 \ -10.2 \ 95.4$
 $rgb^*_d = 1.0 \ 1.0 \ 0.0$

$L=G_d$

$LCH^*_d = 50.0 \ 71.4 \ 155.5$
 $LAB^*_d = 50.0 \ -65.0 \ 29.6$
 $rgb^*_d = 0.0 \ 1.0 \ 0.0$

$C=C_d$

$LCH^*_d = 56.8 \ 48.7 \ 238.4$
 $LAB^*_d = 56.8 \ -25.5 \ -41.5$
 $rgb^*_d = 0.0 \ 1.0 \ 1.0$

$O=R_d$

$LCH^*_d = 45.4 \ 83.9 \ 32.3$
 $LAB^*_d = 45.4 \ 70.9 \ 44.8$
 $rgb^*_d = 1.0 \ 0.0 \ 0.0$

$M=M_d$

$LCH^*_d = 46.1 \ 79.3 \ 359.8$
 $LAB^*_d = 46.1 \ 79.3 \ -0.2$
 $rgb^*_d = 1.0 \ 0.0 \ 1.0$

$V=B_d$

$LCH^*_d = 25.0 \ 50.0 \ 306.2$
 $LAB^*_d = 25.0 \ 29.5 \ -40.4$
 $rgb^*_d = 0.0 \ 0.0 \ 1.0$

Y_e

$LCH^*_e = 83.6 \ 90.4 \ 92.3$
 $LAB^*_e = 83.6 \ -3.6 \ 90.4$
 $rgb^*_{de} = 1.0 \ 0.878 \ 0.0$

G_e

$LCH^*_e = 50.6 \ 65.2 \ 162.2$
 $LAB^*_e = 50.6 \ -62.1 \ 19.9$
 $rgb^*_{de} = 0.0 \ 1.0 \ 0.151$

C_e

$LCH^*_e = 55.0 \ 45.3 \ 216.9$
 $LAB^*_e = 55.0 \ -36.2 \ -27.2$
 $rgb^*_{de} = 0.0 \ 1.0 \ 0.747$

B_e

$LCH^*_e = 40.2 \ 40.6 \ 271.7$
 $LAB^*_e = 40.2 \ 1.2 \ -40.6$
 $rgb^*_{de} = 0.0 \ 0.458 \ 1.0$

R_e

$LCH^*_e = 45.6 \ 80.0 \ 25.4$
 $LAB^*_e = 45.6 \ 72.2 \ 34.4$
 $rgb^*_{de} = 1.0 \ 0.0 \ 0.254$

M_e

$LCH^*_e = 31.1 \ 55.9 \ 328.6$
 $LAB^*_e = 31.1 \ 47.7 \ -29.1$
 $rgb^*_{de} = 0.321 \ 0.0 \ 1.0$

Y_s

$LCH^*_s = 81.4 \ 87.9 \ 90.0$
 $LAB^*_s = 81.4 \ 0.0 \ 87.9$
 $rgb^*_{ds} = 1.0 \ 0.828 \ 0.0$

G_s

$LCH^*_s = 52.3 \ 68.9 \ 150.0$
 $LAB^*_s = 52.3 \ -59.6 \ 34.4$
 $rgb^*_{ds} = 0.062 \ 1.0 \ 0.0$

R_s

$LCH^*_s = 45.5 \ 82.4 \ 30.0$
 $LAB^*_s = 45.5 \ 71.3 \ 41.2$
 $rgb^*_{ds} = 1.0 \ 0.0 \ 0.096$

M_s

$LCH^*_s = 31.6 \ 56.5 \ 330.0$
 $LAB^*_s = 31.6 \ 49.0 \ -28.2$
 $rgb^*_{ds} = 0.337 \ 0.0 \ 1.0$

B_s

$LCH^*_s = 40.9 \ 40.6 \ 270.0$
 $LAB^*_s = 40.9 \ 0.0 \ -40.6$
 $rgb^*_{ds} = 0.0 \ 0.479 \ 1.0$

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

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

$h_{ab,i}, rgb^*_{di}$

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

$h_{ab,s}$

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

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

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

$h_{ab,e}$

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

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

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

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

rgb^*_{di}

2-103631-L0

QS470-72

$LAB^*Ia0, YN=0\%$, $XYZnW=3.6, 4.2, 6.1, 85.4, 89.1, 104.8$, $LAB^*nw=24.4, 0.0, 0.0, 95.6, 0.0, 0.0$

gráfico TUB-QS47; código de tono: $H^*_d=Y25G_d$
círculo de tono, 48 pasos; $rgb-LabCh^*$ mesas

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

salida: 3D-linealización a $cmy0^*_{dd}$

salida: Offset standard print; separation cmy0*, D65, página 7/33

2-103631-F0

2-103631-F0

Data of Maximum color M in colorimetric system Offset standard print; separation cmy0*, 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 $RYGCBM_d$: $h_{ab,d} = 32.3, 96.1, 155.5, 238.4, 306.2, 359.8$; 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)	$rgb^*_{dex361M}$	$LAB^*_{dex361M}$																								
32.3	30.0	25.4	1.0	0.0	0.0	45.4	70.9	44.8	83.9	32.3	1.0	0.0	0.0	45.5	70.9	44.9	83.9	32	1.0	0.0	0.096	45.5	71.4	41.2	82.4	30	1.0	0.0	0.255	45.7	72.2	34.4	80.0	25
38.1	37.5	33.8	1.0	0.125	0.0	48.9	62.8	49.4	79.9	38.1	1.0	0.117	0.0	48.7	63.4	49.1	80.2	37	1.0	0.1	0.0	48.2	64.5	48.6	80.7	37	1.0	0.021	0.0	46.0	69.6	45.7	83.3	33
46.8	45.0	42.1	1.0	0.25	0.0	53.6	51.9	55.5	76.0	46.8	1.0	0.25	0.0	53.7	52.0	55.5	76.0	46	1.0	0.223	0.0	52.7	54.4	54.4	76.9	45	1.0	0.183	0.0	51.1	57.9	52.5	78.1	42
56.9	52.5	50.5	1.0	0.375	0.0	59.1	40.3	62.0	74.0	56.9	1.0	0.367	0.0	58.8	41.1	61.7	74.2	56	1.0	0.313	0.0	56.5	46.2	59.1	75.0	52	1.0	0.288	0.0	55.4	48.5	57.8	75.4	49
67.1	60.0	58.8	1.0	0.5	0.0	64.9	28.9	68.6	74.5	67.1	1.0	0.5	0.0	64.9	28.9	68.7	74.5	67	1.0	0.412	0.0	60.9	37.1	64.2	74.2	60	1.0	0.398	0.0	60.3	38.3	63.5	74.1	58
78.6	67.5	67.2	1.0	0.625	0.0	72.1	15.4	77.1	78.6	78.6	1.0	0.617	0.0	71.6	16.5	76.7	78.4	77	1.0	0.498	0.0	64.8	29.1	68.6	74.5	67	1.0	0.494	0.0	64.6	29.5	68.4	74.5	66
86.2	75.0	75.6	1.0	0.75	0.0	77.9	5.4	83.8	84.0	86.2	1.0	0.75	0.0	77.9	5.5	83.9	84.1	86	1.0	0.585	0.0	69.8	20.0	74.7	77.4	75	1.0	0.592	0.0	70.2	19.3	75.2	77.6	75
92.1	82.5	83.9	1.0	0.875	0.0	83.4	-3.4	90.2	90.2	92.1	1.0	0.867	0.0	83.1	-2.7	89.8	89.9	91	1.0	0.68	0.0	74.7	11.3	80.3	81.1	82	1.0	0.703	0.0	75.8	9.4	81.5	82.0	83
96.1	90.0	92.3	1.0	1.0	0.0	87.8	-10.2	95.4	96.0	96.1	1.0	1.0	0.0	87.8	-10.1	95.5	96.0	96	1.0	0.829	0.0	81.4	0.0	88.0	88.0	90	1.0	0.879	0.0	83.6	-3.6	90.4	90.5	92
98.8	97.5	101.0	0.875	1.0	0.0	84.3	-13.9	89.2	90.3	98.8	0.883	1.0	0.0	84.6	-13.6	89.7	90.7	98	0.959	1.0	0.0	86.7	-11.4	93.5	94.2	97	0.807	1.0	0.0	82.4	-15.8	86.2	87.7	100
101.8	105.0	109.7	0.75	1.0	0.0	80.7	-17.5	83.5	85.3	101.8	0.75	1.0	0.0	80.8	-17.4	83.6	85.4	101	0.682	1.0	0.0	77.8	-21.2	79.4	82.2	105	0.583	1.0	0.0	73.7	-26.1	72.7	77.3	109
107.6	112.5	118.5	0.625	1.0	0.0	75.3	-24.0	75.7	79.4	107.6	0.633	1.0	0.0	75.7	-23.6	76.3	79.9	107	0.54	1.0	0.0	72.1	-28.0	69.5	75.0	112	0.434	1.0	0.0	68.0	-32.9	62.2	70.5	117
114.0	120.0	127.2	0.5	1.0	0.0	70.6	-29.7	66.5	72.8	114.0	0.5	1.0	0.0	70.6	-29.6	66.5	72.8	114	0.399	1.0	0.0	66.7	-34.5	59.9	69.2	120	0.322	1.0	0.0	62.6	-40.8	53.8	67.6	127
121.4	127.5	136.0	0.375	1.0	0.0	65.7	-35.6	58.3	68.3	121.4	0.383	1.0	0.0	66.1	-35.2	58.9	68.6	120	0.325	1.0	0.0	62.8	-40.6	54.0	67.6	127	0.249	1.0	0.0	58.4	-47.4	46.8	66.6	135
135.3	135.0	144.7	0.25	1.0	0.0	58.4	-47.3	46.8	66.6	135.3	0.25	1.0	0.0	58.4	-47.3	46.9	66.6	135	0.253	1.0	0.0	58.6	-47.0	47.1	66.7	135	0.122	1.0	0.0	54.6	-54.2	38.4	66.5	144
144.4	142.5	153.4	0.125	1.0	0.0	54.7	-53.9	38.5	66.3	144.4	0.133	1.0	0.0	55.0	-53.5	39.2	66.4	143	0.159	1.0	0.0	55.7	-52.3	40.9	66.4	142	0.03	1.0	0.0	51.2	-62.4	32.0	70.2	152
155.5	150.0	162.2	0.0	1.0	0.0	50.0	-65.0	29.6	71.4	155.5	0.0	1.0	0.0	50.1	-64.9	29.6	71.4	155	0.062	1.0	0.0	52.4	-59.6	34.5	68.9	150	0.0	1.0	0.151	50.7	-62.0	19.9	65.2	162
160.7	157.5	169.0	0.0	1.0	0.125	50.5	-62.8	21.9	66.5	160.7	0.0	1.0	0.117	50.5	-62.9	22.4	66.9	160	0.0	1.0	0.035	50.2	-64.4	27.4	70.0	157	0.0	1.0	0.261	51.3	-58.5	11.8	59.8	168
167.7	165.0	175.9	0.0	1.0	0.25	51.2	-58.9	12.7	60.3	167.7	0.0	1.0	0.25	51.2	-58.8	12.7	60.3	167	0.0	1.0	0.2	51.0	-60.5	16.2	62.8	165	0.0	1.0	0.364	52.0	-55.0	3.9	55.2	175
176.7	172.5	182.7	0.0	1.0	0.375	52.0	-54.5	3.1	54.6	176.7	0.0	1.0	0.367	52.0	-54.8	3.7	55.1	176	0.0	1.0	0.309	51.6	-57.0	8.0	57.7	172	0.0	1.0	0.43	52.5	-52.2	-2.0	52.3	182
189.3	180.0	189.6	0.0	1.0	0.5	52.9	-48.6	-8.0	49.3	189.3	0.0	1.0	0.5	53.0	-48.6	-7.9	49.3	189	0.0	1.0	0.407	52.3	-53.2	0.0	53.3	180	0.0	1.0	0.502	53.0	-48.5	-8.1	49.3	189
203.2	187.5	196.4	0.0	1.0	0.625	54.0	-42.3	-18.1	46.1	203.2	0.0	1.0	0.617	54.0	-42.8	-17.5	46.3	202	0.0	1.0	0.477	52.8	-49.9	-6.0	50.3	187	0.0	1.0	0.56	53.5	-45.9	-13.1	47.8	195
217.2	195.0	203.2	0.0	1.0	0.75	55.0	-36.0	-27.4	45.3	217.2	0.0	1.0	0.75	55.0	-35.9	-27.3	45.3	217	0.0	1.0	0.551	53.4	-46.3	-12.3	48.0	195	0.0	1.0	0.626	54.1	-42.3	-18.1	46.1	203
228.3	202.5	210.1	0.0	1.0	0.875	55.8	-30.7	-34.5	46.2	228.3	0.0	1.0	0.867	55.8	-31.0	-34.0	46.1	227	0.0	1.0	0.614	54.0	-42.9	-17.3	46.4	202	0.0	1.0	0.682	54.5	-39.6	-22.6	45.7	209
238.4	210.0	216.9	0.0	1.0	1.0	56.8	-25.5	-41.5	48.7	238.4	0.0	1.0	1.0	56.8	-25.4	-41.4	48.7	238	0.0	1.0	0.685	54.5	-39.5	-22.8	45.7	210	0.0	1.0	0.747	55.0	-36.1	-27.2	45.3	216
242.9	217.5	223.8	0.0	0.875	1.0	54.1	-21.1	-41.3	46.4	242.9	0.0	0.883	1.0	54.3	-21.4	-41.3	46.6	242	0.0	1.0	0.747	55.0	-36.1	-27.2	45.3	217	0.0	1.0	0.819	55.5	-33.2	-31.3	45.8	223
249.3	225.0	230.6	0.0	0.75	1.0	50.4	-15.5	-41.1	43.9	249.3	0.0	0.75	1.0	50.4	-15.4	-41.0	44.0	249	0.0	1.0	0.837	55.6	-32.4	-32.4	45.9	225	0.0	1.0	0.904	56.1	-29.6	-36.1	46.8	230
256.9	232.5	237.5	0.0	0.625	1.0	46.5	-9.4	-40.8	41.9	256.9	0.0	0.633	1.0	46.8	-9.8	-40.8	42.1	256	0.0	1.0	0.92	56.2	-28.9	-37.0	47.1	232	0.0	1.0	0.983	56.7	-26.2	-40.5	48.4	237
268.2	240.0	244.3	0.0	0.5	1.0	41.7	-1.2	-40.6	40.6	268.2	0.0	0.5	1.0	41.7	-1.1	-40.6	40.7	268	0.0	0.956	1.0	55.9	-23.9	-41.4	48.0	240	0.0	0.847	1.0	53.3	-19.8	-41.3	45.9	244
278.6	247.5	251.2	0.0	0.375	1.0	37.3	6.1	-40.2	40.7	278.6	0.0	0.383	1.0	37.6	5.6	-40.2	40.7	277	0.0	0.795	1.0	51.8	-17.4	-41.2	44.9	247	0.0	0.726	1.0	49.7	-14.3	-41.1	43.6	250
289.6	255.0	258.0	0.0	0.25	1.0	32.8	14.3	-40.2	42.7	289.6	0.0	0.25	1.0	32.9	14.4	-40.1	42.7	289	0.0	0.657	1.0	47.5	-10.9	-40.9	42.5	255	0.0	0.613	1.0	46.1	-8.6	-40.8	41.9	258
299.0	262.5	264.8	0.0	0.125	1.0	28.6	22.4	-40.2	46.1	299.0	0.0	0.133	1.0	28.9	21.9	-40.2	45.9	298	0.0	0.569	1.0	44.4	-5.7	-40.9	41.4	262	0.0	0.542	1.0	43.4	-3.9	-40.8	41.1	264
306.2	270.0	271.7	0.0	0.0	1.0	25.0	29.5	-40.4	50.0	306.2	0.0	0.0	1.0	25.1	29.6	-40.3	50.1	306	0.0	0.479	1.0	41.0	0.0	-40.6	40.7	270	0.0	0.458	1.0	40.3	1.2	-40.6	40.7	271
314.7	277.5	278.8	0.125	0.0	1.0	27.9	36.0	-36.4	51.2	314.7	0.117	0.0	1.0	27.7	35.7	-36.5	51.2	314	0.0	0.395	1.0	38.1	5.0	-40.3	40.7	277	0.0	0.378	1.0	37.5	5.9	-40.2	40.7	278
322.1	285.0	285.9	0.25	0.0	1.0	28.8	41.9	-32.5	53.1	322.1	0.25	0.0	1.0	28.9	42.0	-32.5	53.2	322	0.0	0.303	1.0	34.8	10.8	-40.3	41.9	285	0.0	0.292	1.0	34.4	11.6	-40.3	42.0	285
333.3	292.5	293.0	0.375	0.0	1.0	32.7	51.8	-26.0	58.0	333.3	0.367	0.0	1.0	32.5	51.3	-26.5	57.7	332	0.0	0.219	1.0	31.8	16.3	-40.3	43.6	292	0.0	0.211	1.0	31.5	16.8	-40.3	43.8	292
340.5	300.0	300.1	0.5	0.0	1.0	35.6	58.6	-20.7	62.1	340.5	0.5	0.0	1.0	35.6	58.6	-20.6	62.2	340	0.0	0.109	1.0	28.2	23.3	-40.3	46.6	300	0.0	0.106	1.0	28.1	23.5	-40.3	46.7	300
347.9	307.5	307.2	0.625	0.0	1.0	38.1	65.4	-14.0	66.9	347.9	0.617	0.0	1.0	37.9	65.1	-14.4	66.7	347	0.011	0.0	1.0	25.3</												

Data of Maximum color M in colorimetric system Offset standard print; separation cmy0*, 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 $RYGCBM_d$: $h_{ab,d} = 32.3, 96.1, 155.5, 238.4, 306.2, 359.8$; Six hue angles of the elementary colours $RYGCBM_c$: $h_{ab,e} = 25.5, 92.3, 162.2, 217.0, 271.7, 328.6$

$h_{ab,d}$	$h_{ab,s}$	$h_{ab,e}$	rgb^*_{dd64M}			$LAB^*_{ddx64M}(x=LabCh)$						$rgb^*_{dex361M}$			$LAB^*_{dex361M}$						rgb^*_{dd}	rgb^*_{ds}	rgb^*_{de}	
32.3	30.0	25.4	1.0	0.0	0.0	45.4	70.9	44.8	83.9	32.3			1.0	0.0	0.255	45.7	72.2	34.4	80.0	25				
38.1	37.5	33.8	1.0	0.125	0.0	48.9	62.8	49.4	79.9	38.1			1.0	0.021	0.0	46.0	69.6	45.7	83.3	33				
46.8	45.0	42.1	1.0	0.25	0.0	53.6	51.9	55.5	76.0	46.8			1.0	0.183	0.0	51.1	57.9	52.5	78.1	42				
56.9	52.5	50.5	1.0	0.375	0.0	59.1	40.3	62.0	74.0	56.9			1.0	0.288	0.0	55.4	48.5	57.8	75.4	49				
67.1	60.0	58.8	1.0	0.5	0.0	64.9	28.9	68.6	74.5	67.1			1.0	0.398	0.0	60.3	38.3	63.5	74.1	58				
78.6	67.5	67.2	1.0	0.625	0.0	72.1	15.4	77.1	78.6	78.6			1.0	0.494	0.0	64.6	29.5	68.4	74.5	66				
86.2	75.0	75.6	1.0	0.75	0.0	77.9	5.4	83.8	84.0	86.2			1.0	0.592	0.0	70.2	19.3	75.2	77.6	75				
92.1	82.5	83.9	1.0	0.875	0.0	83.4	-3.4	90.2	90.2	92.1			1.0	0.703	0.0	75.8	9.4	81.5	82.0	83				
96.1	90.0	92.3	1.0	1.0	0.0	87.8	-10.2	95.4	96.0	96.1			1.0	0.879	0.0	83.6	-3.6	90.4	90.5	92				
98.8	97.5	101.0	0.875	1.0	0.0	84.3	-13.9	89.2	90.3	98.8			0.807	1.0	0.0	82.4	-15.8	86.2	87.7	100				
101.8	105.0	109.7	0.75	1.0	0.0	80.7	-17.5	83.5	85.3	101.8			0.583	1.0	0.0	73.7	-26.1	72.7	77.3	109				
107.6	112.5	118.5	0.625	1.0	0.0	75.3	-24.0	75.7	79.4	107.6			0.434	1.0	0.0	68.0	-32.9	62.2	70.5	117				
114.0	120.0	127.2	0.5	1.0	0.0	70.6	-29.7	66.5	72.8	114.0			0.322	1.0	0.0	62.6	-40.8	53.8	67.6	127				
121.4	127.5	136.0	0.375	1.0	0.0	65.7	-35.6	58.3	68.3	121.4			0.249	1.0	0.0	58.4	-47.4	46.8	66.6	135				
135.3	135.0	144.7	0.25	1.0	0.0	58.4	-47.3	46.8	66.6	135.3			0.122	1.0	0.0	54.6	-54.2	38.4	66.5	144				
144.4	142.5	153.4	0.125	1.0	0.0	54.7	-53.9	38.5	66.3	144.4			0.03	1.0	0.0	51.2	-62.4	32.0	70.2	152				
155.5	150.0	162.2	0.0	1.0	0.0	50.0	-65.0	29.6	71.4	155.5			0.0	1.0	0.151	50.7	-62.0	19.9	65.2	162				
160.7	157.5	169.0	0.0	1.0	0.125	50.5	-62.8	21.9	66.5	160.7			0.0	1.0	0.261	51.3	-58.5	11.8	59.8	168				
167.7	165.0	175.9	0.0	1.0	0.25	51.2	-58.9	12.7	60.3	167.7			0.0	1.0	0.364	52.0	-55.0	3.9	55.2	175				
176.7	172.5	182.7	0.0	1.0	0.375	52.0	-54.5	3.1	54.6	176.7			0.0	1.0	0.43	52.5	-52.2	-2.0	52.3	182				
189.3	180.0	189.6	0.0	1.0	0.5	52.9	-48.6	-8.0	49.3	189.3			0.0	1.0	0.502	53.0	-48.5	-8.1	49.3	189				
203.2	187.5	196.4	0.0	1.0	0.625	54.0	-42.3	-18.1	46.1	203.2			0.0	1.0	0.56	53.5	-45.9	-13.1	47.8	195				
217.2	195.0	203.2	0.0	1.0	0.75	55.0	-36.0	-27.4	45.3	217.2			0.0	1.0	0.626	54.1	-42.3	-18.1	46.1	203				
228.3	202.5	210.1	0.0	1.0	0.875	55.8	-30.7	-34.5	46.2	228.3			0.0	1.0	0.682	54.5	-39.6	-22.6	45.7	209				
238.4	210.0	216.9	0.0	1.0	1.0	56.8	-25.5	-41.5	48.7	238.4			0.0	1.0	0.747	55.0	-36.1	-27.2	45.3	216				
242.9	217.5	223.8	0.0	0.875	1.0	54.1	-21.1	-41.3	46.4	242.9			0.0	1.0	0.819	55.5	-33.2	-31.3	45.8	223				
249.3	225.0	230.6	0.0	0.75	1.0	50.4	-15.5	-41.1	43.9	249.3			0.0	1.0	0.904	56.1	-29.6	-36.1	46.8	230				
256.9	232.5	237.5	0.0	0.625	1.0	46.5	-9.4	-40.8	41.9	256.9			0.0	1.0	0.983	56.7	-26.2	-40.5	48.4	237				
268.2	240.0	244.3	0.0	0.5	1.0	41.7	-1.2	-40.6	40.6	268.2			0.0	0.847	1.0	53.3	-19.8	-41.3	45.9	244				
278.6	247.5	251.2	0.0	0.375	1.0	37.3	6.1	-40.2	40.7	278.6			0.0	0.726	1.0	49.7	-14.3	-41.1	43.6	250				
289.6	255.0	258.0	0.0	0.25	1.0	32.8	14.3	-40.2	42.7	289.6			0.0	0.613	1.0	46.1	-8.6	-40.8	41.9	258				
299.0	262.5	264.8	0.0	0.125	1.0	28.6	22.4	-40.2	46.1	299.0			0.0	0.542	1.0	43.4	-3.9	-40.8	41.1	264				
306.2	270.0	271.7	0.0	0.0	1.0	25.0	29.5	-40.4	50.0	306.2			0.0	0.458	1.0	40.3	1.2	-40.6	40.7	271				
314.7	277.5	278.8	0.125	0.0	1.0	27.9	36.0	-36.4	51.2	314.7			0.0	0.378	1.0	37.5	5.9	-40.2	40.7	278				
322.1	285.0	285.9	0.25	0.0	1.0	28.8	41.9	-32.5	53.1	322.1			0.0	0.292	1.0	34.4	11.6	-40.3	42.0	285				
333.3	292.5	293.0	0.375	0.0	1.0	32.7	51.8	-26.0	58.0	333.3			0.0	0.211	1.0	31.5	16.8	-40.3	43.8	292				
340.5	300.0	300.1	0.5	0.0	1.0	35.6	58.6	-20.7	62.1	340.5			0.0	0.106	1.0	28.1	23.5	-40.3	46.7	300				
347.9	307.5	307.2	0.625	0.0	1.0	38.1	65.4	-14.0	66.9	347.9			0.009	0.0	1.0	25.3	30.1	-40.1	50.2	306				
352.5	315.0	314.3	0.75	0.0	1.0	41.8	71.0	-9.2	71.6	352.5			0.12	0.0	1.0	27.8	35.8	-36.5	51.2	314				
356.1	322.5	321.4	0.875	0.0	1.0	44.2	75.2	-5.0	75.3	356.1			0.231	0.0	1.0	28.7	41.1	-33.2	52.9	321				
359.8	330.0	328.6	1.0	0.0	1.0	46.1	79.3	-0.2	79.3	359.8			0.322	0.0	1.0	31.1	47.8	-29.1	56.0	328				
363.0	337.5	335.7	1.0	0.0	0.875	45.9	78.2	4.1	78.3	363.0			0.408	0.0	1.0	33.5	53.7	-24.7	59.1	335				
366.4	345.0	342.8	1.0	0.0	0.75	45.9	77.1	8.6	77.6	366.4			0.539	0.0	1.0	36.4	60.8	-18.7	63.7	342				
371.1	352.5	349.9	1.0	0.0	0.625	46.0	75.6	14.8	77.0	371.1			0.667	0.0	1.0	39.3	67.4	-12.4	68.5	349				
375.9	360.0	357.0	1.0	0.0	0.5	45.9	74.2	21.1	77.1	375.9			0.736	0.0	1.0	41.4	70.5	-9.7	71.1	352				
381.2	367.5	364.1	1.0	0.0	0.375	45.8	72.9	28.3	78.3	381.2			0.810	0.0	1.0	46.1	79.3	-0.1	79.3	359				
385.6	375.0	371.2	1.0	0.0	0.25	45.6	72.1	34.6	80.0	385.6			0.9	0.0	0.687	46.0	76.5	11.8	77.4	368				
389.3	382.5	378.3	1.0	0.0	0.125	45.5	71.4	40.1	81.9	389.3			0.91	0.0	0.485	45.9	74.1	22.0	77.3	376				
392.3	390.0	385.4	1.0	0.0	0.0	45.4	70.9	44.8	83.9	392.3			1.0	0.0	0.255	45.7	72.2	34.4	80.0	385				

2-103831-L0

QS470-72

LAB*la0, YN=0%, XYZnw=3.6, 4.2, 6.1, 85.4, 89.1, 104.8, LAB*nw=24.4, 0.0, 0.0, 95.6, 0.0, 0.0

salida: Offset standard print; separation cmy0*, D65, página 9/33

gráfico TUB-QS47; código de tono: $H^*_d=Y25G_d$
círculo de tono, 48 pasos; $rgb-LabCh^*$ mesas

entrada: $rgb/cmyk \rightarrow rgb_{dd}$
salida: 3D-linealización a $cmy0^*_{dd}$

2-103831-F0

TUB matrícula: 20130201-QS47/QS47L0FP.PDF /.PS
aplicación para la medida salida en la impresión offset, separación cmy0* (CMY0)
TUB material: code=rh4ta

Data of Maximum color M in colorimetric system Offset standard print; separation cmy0*, 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 $RYGCBM_d$: $h_{ab,d} = 32.3, 96.1, 155.5, 238.4, 306.2, 359.8$; Six hue angles of the elementary colours $RYGCBM_e$: $h_{ab,e} = 25.5, 92.3, 162.2, 217.0, 271.7, 328.6$

Six hue angles of the device colours RYGBM _d : $h_{ab,d} = 32.3, 96.1, 155.5, 238.4, 306.2, 359.8$; Six hue angles of the elementary colours RYGBM _e : $h_{ab,e} = 25.5, 92.3, 162.2, 217.0, 271.7, 328.6$																		
$h_{ab,d}$	$h_{ab,s}$	$h_{ab,e}$	rgb^*_{dd361M}	$LAB^*_{dd361Mi}(x=LabCh)$	R_d	$rgb^*_{ds361Mi}$	$LAB^*_{dsx361Mi}(x=LabCh)$	R_s	$rgb^*_{dd361Mi}$	$rgb^*_{de361Mi}$	$LAB^*_{dex361Mi}(x=LabCh)$	R_e	$rgb^*_{dd361Mi}$	rgb^*_{dd}	rgb^*_{ds}	rgb^*_{de}		
32	30	25	1.0	0.0	0.0	45.4	70.9	44.8	83.9	32	1.0	0.0	0.0	0.0	0.0	0.0		
33	31	26	1.0	0.016	0.0	45.9	69.8	45.5	83.4	33	1.0	0.0	0.017	0.0	1.0	0.017	0.0	
33	32	27	1.0	0.033	0.0	46.3	68.8	46.1	82.8	33	1.0	0.0	0.033	0.0	1.0	0.033	0.0	
34	33	28	1.0	0.05	0.0	46.8	67.7	46.8	82.3	34	1.0	0.0	0.05	0.0	1.0	0.05	0.0	
35	34	29	1.0	0.066	0.0	47.3	66.6	47.4	81.8	35	1.0	0.0	0.067	0.0	1.0	0.067	0.0	
36	35	31	1.0	0.083	0.0	47.7	65.5	48.0	81.2	36	1.0	0.0	0.083	0.0	1.0	0.083	0.0	
36	36	32	1.0	0.1	0.0	48.2	64.4	48.5	80.7	36	1.0	0.0	0.1	0.0	1.0	0.1	0.0	
37	37	33	1.0	0.116	0.0	48.6	63.3	49.1	80.2	37	1.0	0.021	0.0	1.0	0.117	0.0	0.117	0.0
38	38	34	1.0	0.133	0.0	49.2	62.1	49.8	79.6	38	1.0	0.044	0.0	1.0	0.133	0.0	0.133	0.0
39	39	35	1.0	0.15	0.0	49.8	60.7	50.7	79.1	39	1.0	0.068	0.0	1.0	0.15	0.0	0.15	0.0
41	40	36	1.0	0.166	0.0	50.5	59.2	51.6	78.6	41	1.0	0.092	0.0	1.0	0.167	0.0	0.167	0.0
42	41	37	1.0	0.183	0.0	51.1	57.8	52.5	78.1	42	1.0	0.116	0.0	1.0	0.183	0.0	0.183	0.0
43	42	38	1.0	0.2	0.0	51.7	56.3	53.3	77.5	43	1.0	0.135	0.0	1.0	0.2	0.0	0.2	0.0
44	43	39	1.0	0.216	0.0	52.4	54.9	54.0	77.0	44	1.0	0.151	0.0	1.0	0.217	0.0	0.217	0.0
45	44	41	1.0	0.233	0.0	53.0	53.4	54.8	76.5	45	1.0	0.167	0.0	1.0	0.233	0.0	0.233	0.0
46	45	42	1.0	0.25	0.0	53.6	51.9	55.5	76.0	46	1.0	0.183	0.0	1.0	0.25	0.0	0.25	0.0
48	46	43	1.0	0.266	0.0	54.4	50.4	56.5	75.7	48	1.0	0.198	0.0	1.0	0.267	0.0	0.267	0.0
49	47	44	1.0	0.283	0.0	55.1	48.9	57.4	75.4	49	1.0	0.214	0.0	1.0	0.283	0.0	0.283	0.0
50	48	45	1.0	0.3	0.0	55.8	47.4	58.4	75.2	50	1.0	0.23	0.0	1.0	0.3	0.0	0.3	0.0
52	49	46	1.0	0.316	0.0	56.6	45.8	59.2	74.9	52	1.0	0.246	0.0	1.0	0.317	0.0	0.317	0.0
53	50	47	1.0	0.333	0.0	57.3	44.2	60.1	74.6	53	1.0	0.261	0.0	1.0	0.333	0.0	0.333	0.0
54	51	48	1.0	0.35	0.0	58.0	42.7	60.9	74.4	54	1.0	0.274	0.0	1.0	0.35	0.0	0.35	0.0
56	52	49	1.0	0.366	0.0	58.8	41.1	61.7	74.1	56	1.0	0.288	0.0	1.0	0.367	0.0	0.367	0.0
57	53	51	1.0	0.383	0.0	59.5	39.5	62.5	74.0	57	1.0	0.302	0.0	1.0	0.383	0.0	0.383	0.0
59	54	52	1.0	0.4	0.0	60.3	38.1	63.5	74.1	59	1.0	0.316	0.0	1.0	0.4	0.0	0.4	0.0
60	55	53	1.0	0.416	0.0	61.0	36.6	64.5	74.1	60	1.0	0.33	0.0	1.0	0.417	0.0	0.417	0.0
61	56	54	1.0	0.433	0.0	61.8	35.1	65.4	74.2	61	1.0	0.343	0.0	1.0	0.433	0.0	0.433	0.0
63	57	55	1.0	0.45	0.0	62.6	33.6	66.2	74.3	63	1.0	0.357	0.0	1.0	0.45	0.0	0.45	0.0
64	58	56	1.0	0.466	0.0	63.3	32.0	67.1	74.4	64	1.0	0.371	0.0	1.0	0.467	0.0	0.467	0.0
65	59	57	1.0	0.483	0.0	64.1	30.5	67.9	74.4	65	1.0	0.385	0.0	1.0	0.483	0.0	0.483	0.0
67	60	58	1.0	0.5	0.0	64.9	28.9	68.6	74.5	67	1.0	0.398	0.0	1.0	0.5	0.0	0.5	0.0
68	61	60	1.0	0.516	0.0	65.8	27.2	69.9	75.0	68	1.0	0.412	0.0	1.0	0.517	0.0	0.517	0.0
70	62	61	1.0	0.533	0.0	66.8	25.5	71.1	75.6	70	1.0	0.426	0.0	1.0	0.533	0.0	0.533	0.0
71	63	62	1.0	0.55	0.0	67.7	23.8	72.3	76.1	71	1.0	0.439	0.0	1.0	0.55	0.0	0.55	0.0
73	64	63	1.0	0.566	0.0	68.7	22.0	73.5	76.7	73	1.0	0.453	0.0	1.0	0.567	0.0	0.567	0.0
74	65	64	1.0	0.583	0.0	69.7	20.2	74.6	77.3	74	1.0	0.467	0.0	1.0	0.583	0.0	0.583	0.0
76	66	65	1.0	0.6	0.0	70.6	18.3	75.6	77.8	76	1.0	0.48	0.0	1.0	0.6	0.0	0.6	0.0
77	67	66	1.0	0.616	0.0	71.6	16.4	76.6	78.4	77	1.0	0.494	0.0	1.0	0.617	0.0	0.617	0.0
79	68	67	1.0	0.633	0.0	72.5	14.8	77.6	79.0	79	1.0	0.507	0.0	1.0	0.633	0.0	0.633	0.0
80	69	68	1.0	0.65	0.0	73.2	13.6	78.5	79.7	80	1.0	0.519	0.0	1.0	0.65	0.0	0.65	0.0
81	70	70	1.0	0.666	0.0	74.0	12.3	79.5	80.4	81	1.0	0.531	0.0	1.0	0.667	0.0	0.667	0.0
82	71	71	1.0	0.683	0.0	74.8	11.0	80.4	81.1	82	1.0	0.543	0.0	1.0	0.683	0.0	0.683	0.0
83	72	72	1.0	0.7	0.0	75.6	9.6	81.3	81.9	83	1.0	0.555	0.0	1.0	0.7	0.0	0.7	0.0
84	73	73	1.0	0.716	0.0	76.3	8.3	82.2	82.6	84	1.0	0.568	0.0	1.0	0.717	0.0	0.717	0.0
85	74	74	1.0	0.733	0.0	77.1	6.9	83.0	83.3	85	1.0	0.58	0.0	1.0	0.733	0.0	0.733	0.0
86	75	75	1.0	0.75	0.0	77.9	5.4	83.8	84.0	86	1.0	0.592	0.0	1.0	0.75	0.0	0.75	0.0

Data of Maximum color M in colorimetric system Offset standard print; separation cmy0*, D65 for input or output; Six hue angles of the 60 degree standard colours RYGBCMs: $h_{ab,ds} = 30.0, 90.0, 150.0, 210.0, 270.0, 330.0$;
Six hue angles of the device colours RYGBCMd: $h_{ab,d} = 32.3, 96.1, 155.5, 238.4, 306.2, 359.8$; Six hue angles of the elementary colours RYGBCM: $h_{ab,e} = 25.5, 92.3, 162.2, 217.0, 271.7, 328.6$

$h_{ab,d}$	$h_{ab,s}$	$h_{ab,e}$	rgb^*_{dd361M}	LAB^*_{d361M}	$LAB^*_{d361Mi}(x=LabCh)$	$rgb^*_{ds361Mi}$	$LAB^*_{ds361Mi}(x=LabCh)$	$rgb^*_{dd361Mi}$	$rgb^*_{de361Mi}$	$LAB^*_{de361Mi}(x=LabCh)$	$rgb^*_{dd361Mi}$	$rgb^*_{ds361Mi}$	$rgb^*_{de361Mi}$
86	75	75	1.0	0.75	0.0	77.9	5.4	83.8	84.0	86	1.0	0.585	0.0
87	76	76	1.0	0.766	0.0	78.6	4.3	84.7	84.8	87	1.0	0.596	0.0
87	77	77	1.0	0.783	0.0	79.4	3.2	85.6	85.7	87	1.0	0.607	0.0
88	78	78	1.0	0.8	0.0	80.1	2.0	86.5	86.5	88	1.0	0.618	0.0
89	79	80	1.0	0.816	0.0	80.8	0.8	87.3	87.3	89	1.0	0.631	0.0
90	80	81	1.0	0.833	0.0	81.6	-0.3	88.2	88.2	90	1.0	0.647	0.0
91	81	82	1.0	0.85	0.0	82.3	-1.5	89.0	89.0	91	1.0	0.664	0.0
91	82	83	1.0	0.866	0.0	83.1	-2.8	89.8	89.8	91	1.0	0.68	0.0
92	83	84	1.0	0.883	0.0	83.7	-3.8	90.5	90.6	92	1.0	0.697	0.0
92	84	85	1.0	0.9	0.0	84.3	-4.7	91.3	91.4	92	1.0	0.713	0.0
93	85	86	1.0	0.916	0.0	84.9	-5.6	92.0	92.2	93	1.0	0.729	0.0
94	86	87	1.0	0.933	0.0	85.5	-6.5	92.7	92.9	94	1.0	0.746	0.0
94	87	88	1.0	0.95	0.0	86.0	-7.4	93.4	93.7	94	1.0	0.766	0.0
95	88	90	1.0	0.966	0.0	86.6	-8.3	94.1	94.5	95	1.0	0.787	0.0
95	89	91	1.0	0.983	0.0	87.2	-9.2	94.8	95.2	95	1.0	0.808	0.0
96	90	92	1.0	1.0	0.0	87.8	-10.2	95.4	96.0	96	1.0	0.829	0.0
96	91	93	0.983	1.0	0.0	87.3	-10.7	94.6	95.2	96	1.0	0.85	0.0
96	92	94	0.966	1.0	0.0	86.8	-11.2	93.8	94.5	96	1.0	0.871	0.0
97	93	95	0.95	1.0	0.0	86.4	-11.7	93.0	93.7	97	1.0	0.901	0.0
97	94	96	0.933	1.0	0.0	85.9	-12.2	92.2	93.0	97	1.0	0.933	0.0
97	95	98	0.916	1.0	0.0	85.5	-12.7	91.3	92.2	97	1.0	0.965	0.0
98	96	99	0.9	1.0	0.0	85.0	-13.2	90.5	91.5	98	1.0	0.997	0.0
98	97	100	0.883	1.0	0.0	84.5	-13.6	89.7	90.7	98	0.959	1.0	0.0
99	98	101	0.866	1.0	0.0	84.1	-14.1	88.9	90.0	99	0.914	1.0	0.0
99	99	102	0.85	1.0	0.0	83.6	-14.6	88.1	89.3	99	0.869	1.0	0.0
99	100	103	0.833	1.0	0.0	83.1	-15.1	87.4	88.7	99	0.827	1.0	0.0
100	101	105	0.816	1.0	0.0	82.6	-15.6	86.6	88.0	100	0.785	1.0	0.0
100	102	106	0.8	1.0	0.0	82.2	-16.1	85.8	87.3	100	0.747	1.0	0.0
101	103	107	0.783	1.0	0.0	81.7	-16.6	85.1	86.7	101	0.725	1.0	0.0
101	104	108	0.766	1.0	0.0	81.2	-17.0	84.3	86.0	101	0.703	1.0	0.0
101	105	109	0.75	1.0	0.0	80.7	-17.5	83.5	85.3	101	0.682	1.0	0.0
102	106	110	0.733	1.0	0.0	80.0	-18.4	82.5	84.6	102	0.66	1.0	0.0
103	107	112	0.716	1.0	0.0	79.3	-19.3	81.5	83.8	103	0.638	1.0	0.0
104	108	113	0.7	1.0	0.0	78.5	-20.2	80.5	83.0	104	0.617	1.0	0.0
104	109	114	0.683	1.0	0.0	77.8	-21.1	79.4	82.2	104	0.598	1.0	0.0
105	110	115	0.666	1.0	0.0	77.1	-22.0	78.4	81.4	105	0.579	1.0	0.0
106	111	116	0.65	1.0	0.0	76.4	-22.8	77.3	80.6	106	0.559	1.0	0.0
107	112	117	0.633	1.0	0.0	75.6	-23.6	76.2	79.8	107	0.54	1.0	0.0
108	113	119	0.616	1.0	0.0	75.0	-24.4	75.1	79.0	108	0.521	1.0	0.0
108	114	120	0.6	1.0	0.0	74.3	-25.3	73.9	78.1	108	0.501	1.0	0.0
109	115	121	0.583	1.0	0.0	73.7	-26.1	72.7	77.2	109	0.484	1.0	0.0
110	116	122	0.566	1.0	0.0	73.1	-26.9	71.4	76.3	110	0.467	1.0	0.0
111	117	123	0.55	1.0	0.0	72.4	-27.6	70.2	75.5	111	0.45	1.0	0.0
112	118	124	0.533	1.0	0.0	71.8	-28.3	69.0	74.6	112	0.433	1.0	0.0
113	119	126	0.516	1.0	0.0	71.2	-29.0	67.7	73.7	113	0.416	1.0	0.0
114	120	127	0.5	1.0	0.0	70.6	-29.7	66.5	72.8	114	0.399	1.0	0.0

2-1031031-L0 QS470-72 LAB*la0, YN=0%, XYZnw=3.6, 4.2, 6.1, 85.4, 89.1, 104.8, LAB*nw=24.4, 0.0, 0.0, 95.6, 0.0, 0.0

salida: Offset standard print; separation cmy0*, D65, página 11/33

gráfico TUB-QS47; código de tono: $H^*_d=Y25G_d$
círculo de tono, 48 pasos; $rgb-LabCh^*$ mesas

entrada: $rgb/cmyk \rightarrow rgb_{dd}$
salida: 3D-linealización a $cmy0^*_{dd}$

TUB matrícula: 20130201-QS47/QS47L0FP.PDF /.PS
aplicación para la medida salida en la impresión offset, separación cmy0* (CMY0)
TUB material: code=rha4ta

Data of Maximum color M in colorimetric system Offset standard print; separation cmy0*, 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 $RYGCBM_d$: $h_{ab,d} = 32.3, 96.1, 155.5, 238.4, 306.2, 359.8$; Six hue angles of the elementary colours $RYGCBM_c$: $h_{ab,e} = 25.5, 92.3, 162.2, 217.0, 271.7, 328.6$

$h_{ab,d}$	$h_{ab,s}$	$h_{ab,e}$	rgb^*_{dd361M}	$LAB^*_{dd361Mi}(x=LabCh)$	$rgb^*_{ds361Mi}$	$dsx361Mi(x=LabCh)$	$LAB^*_{ds361Mi}$	$rgb^*_{dd361Mi}$	$rgb^*_{de361Mi}$	$LAB^*_{de361Mi}$	$dex361Mi(x=LabCh)$	$rgb^*_{dd361Mi}$	rgb^*_{dd}	rgb^*_{ds}	rgb^*_{de}														
114	120	127	0.5	1.0	0.0	70.6	-29.7 66.5 72.8	114	0.399	1.0	0.0	66.7	-34.5 59.9 69.2	120	0.5	1.0	0.0	0.322	1.0	0.0	62.6	-40.8 53.8 67.6	127	0.5	1.0	0.0			
115	121	128	0.483	1.0	0.0	69.9	-30.5 65.4 72.2	115	0.382	1.0	0.0	66.0	-35.2 58.8 68.6	121	0.483	1.0	0.0	0.312	1.0	0.0	62.0	-41.8 52.9 67.5	128	0.483	1.0	0.0			
116	122	129	0.466	1.0	0.0	69.3	-31.4 64.3 71.6	116	0.37	1.0	0.0	65.4	-36.1 57.9 68.3	122	0.467	1.0	0.0	0.301	1.0	0.0	61.4	-42.8 51.9 67.3	129	0.467	1.0	0.0			
117	123	130	0.45	1.0	0.0	68.6	-32.2 63.2 71.0	117	0.361	1.0	0.0	64.9	-37.0 57.1 68.1	123	0.45	1.0	0.0	0.291	1.0	0.0	60.8	-43.8 50.9 67.2	130	0.45	1.0	0.0			
117	124	131	0.433	1.0	0.0	68.0	-33.0 62.1 70.4	117	0.352	1.0	0.0	64.4	-37.9 56.4 68.0	124	0.433	1.0	0.0	0.28	1.0	0.0	60.2	-44.7 49.9 67.0	131	0.433	1.0	0.0			
118	125	133	0.416	1.0	0.0	67.3	-33.8 61.0 69.8	118	0.343	1.0	0.0	63.8	-38.8 55.6 67.9	125	0.417	1.0	0.0	0.27	1.0	0.0	59.6	-45.6 48.9 66.9	133	0.417	1.0	0.0			
119	126	134	0.4	1.0	0.0	66.7	-34.5 59.9 69.2	119	0.334	1.0	0.0	63.3	-39.7 54.8 67.8	126	0.4	1.0	0.0	0.259	1.0	0.0	59.0	-46.5 47.8 66.8	134	0.4	1.0	0.0			
120	127	135	0.383	1.0	0.0	66.0	-35.2 58.8 68.6	120	0.325	1.0	0.0	62.8	-40.6 54.0 67.6	127	0.383	1.0	0.0	0.249	1.0	0.0	58.4	-47.4 46.8 66.6	135	0.383	1.0	0.0			
122	128	136	0.366	1.0	0.0	65.2	-36.4 57.6 68.2	122	0.316	1.0	0.0	62.3	-41.5 53.2 67.5	128	0.367	1.0	0.0	0.233	1.0	0.0	57.9	-48.3 45.8 66.6	136	0.367	1.0	0.0			
124	129	137	0.35	1.0	0.0	64.2	-38.2 56.2 67.9	124	0.307	1.0	0.0	61.7	-42.3 52.4 67.4	129	0.35	1.0	0.0	0.217	1.0	0.0	57.4	-49.2 44.7 66.6	137	0.35	1.0	0.0			
126	130	138	0.333	1.0	0.0	63.2	-39.8 54.7 67.7	126	0.298	1.0	0.0	61.2	-43.1 51.5 67.3	130	0.333	1.0	0.0	0.201	1.0	0.0	57.0	-50.0 43.7 66.5	138	0.333	1.0	0.0			
127	131	140	0.316	1.0	0.0	62.3	-41.4 53.2 67.5	127	0.289	1.0	0.0	60.7	-44.0 50.7 67.2	131	0.317	1.0	0.0	0.185	1.0	0.0	56.5	-50.9 42.7 66.5	140	0.317	1.0	0.0			
129	132	141	0.3	1.0	0.0	61.3	-43.0 51.7 67.3	129	0.28	1.0	0.0	60.2	-44.8 49.8 67.0	132	0.3	1.0	0.0	0.169	1.0	0.0	56.0	-51.7 41.6 66.5	141	0.3	1.0	0.0			
131	133	142	0.283	1.0	0.0	60.3	-44.5 50.1 67.0	131	0.271	1.0	0.0	59.6	-45.5 48.9 66.9	133	0.283	1.0	0.0	0.153	1.0	0.0	55.5	-52.5 40.5 66.4	142	0.283	1.0	0.0			
133	134	143	0.266	1.0	0.0	59.3	-45.9 48.5 66.8	133	0.262	1.0	0.0	59.1	-46.3 48.0 66.8	134	0.267	1.0	0.0	0.137	1.0	0.0	55.1	-53.3 39.4 66.4	143	0.267	1.0	0.0			
135	135	144	0.25	1.0	0.0	58.4	-47.3 46.8 66.6	135	0.253	1.0	0.0	58.6	-47.0 47.1 66.7	135	0.25	1.0	0.0	0.122	1.0	0.0	54.6	-54.2 38.4 66.5	144	0.25	1.0	0.0			
136	136	145	0.233	1.0	0.0	57.9	-48.3 45.8 66.5	136	0.241	1.0	0.0	58.1	-47.8 46.3 66.6	136	0.233	1.0	0.0	0.108	1.0	0.0	54.1	-55.4 37.6 67.0	145	0.233	1.0	0.0			
137	137	147	0.216	1.0	0.0	57.4	-49.2 44.7 66.5	137	0.227	1.0	0.0	57.7	-48.6 45.4 66.6	137	0.217	1.0	0.0	0.095	1.0	0.0	53.6	-56.6 36.7 67.6	147	0.217	1.0	0.0			
138	138	148	0.2	1.0	0.0	56.9	-50.1 43.6 66.5	138	0.213	1.0	0.0	57.3	-49.4 44.5 66.6	138	0.2	1.0	0.0	0.082	1.0	0.0	53.1	-57.8 35.8 68.1	148	0.2	1.0	0.0			
140	139	149	0.183	1.0	0.0	56.4	-51.0 42.5 66.4	140	0.2	1.0	0.0	56.9	-50.1 43.6 66.5	139	0.183	1.0	0.0	0.069	1.0	0.0	52.6	-59.0 34.9 68.6	149	0.183	1.0	0.0			
141	140	150	0.166	1.0	0.0	55.9	-51.9 41.4 66.4	141	0.186	1.0	0.0	56.5	-50.8 42.7 66.5	140	0.167	1.0	0.0	0.056	1.0	0.0	52.1	-60.1 34.0 69.2	150	0.167	1.0	0.0			
142	141	151	0.15	1.0	0.0	55.4	-52.7 40.3 66.4	142	0.172	1.0	0.0	56.1	-51.6 41.8 66.5	141	0.15	1.0	0.0	0.043	1.0	0.0	51.7	-61.3 33.0 69.7	151	0.15	1.0	0.0			
143	142	152	0.133	1.0	0.0	54.9	-53.5 39.1 66.3	143	0.159	1.0	0.0	55.7	-52.3 40.9 66.4	142	0.133	1.0	0.0	0.03	1.0	0.0	51.2	-62.4 32.0 70.2	152	0.133	1.0	0.0			
145	143	154	0.116	1.0	0.0	54.4	-54.7 38.0 66.6	145	0.145	1.0	0.0	55.3	-52.9 40.0 66.4	143	0.117	1.0	0.0	0.016	1.0	0.0	50.7	-63.5 30.9 70.8	154	0.117	1.0	0.0			
146	144	155	0.1	1.0	0.0	53.7	-56.2 37.0 67.3	146	0.131	1.0	0.0	54.9	-53.6 39.0 66.4	144	0.1	1.0	0.0	0.003	1.0	0.0	50.2	-64.6 29.9 71.3	155	0.1	1.0	0.0			
148	145	156	0.083	1.0	0.0	53.1	-57.7 35.9 68.0	148	0.119	1.0	0.0	54.5	-54.5 38.2 66.6	145	0.083	1.0	0.0	0.0	1.0	0.021	50.1	-64.6 28.3 70.6	156	0.083	1.0	0.0			
149	146	157	0.066	1.0	0.0	52.5	-59.2 34.7 68.7	149	0.107	1.0	0.0	54.1	-55.5 37.5 67.1	146	0.067	1.0	0.0	0.0	1.0	0.049	50.3	-64.2 26.5 69.5	157	0.067	1.0	0.0			
151	147	158	0.049	1.0	0.0	51.9	-60.7 33.5 69.4	151	0.096	1.0	0.0	53.7	-56.5 36.8 67.5	147	0.05	1.0	0.0	0.0	1.0	0.077	50.4	-63.7 24.8 68.4	158	0.05	1.0	0.0			
152	148	159	0.033	1.0	0.0	51.3	-62.2 32.2 70.0	152	0.085	1.0	0.0	53.2	-57.6 36.0 68.0	148	0.033	1.0	0.0	0.0	1.0	0.104	50.5	-63.1 23.1 67.3	159	0.033	1.0	0.0			
154	149	161	0.016	1.0	0.0	50.6	-63.6 30.9 70.7	154	0.074	1.0	0.0	52.8	-58.6 35.3 68.4	149	0.017	1.0	0.0	0.0	1.0	0.13	50.6	-62.6 21.5 66.3	161	0.017	1.0	0.0			
155	150	162	0.0	1.0	0.0	50.0	-65.0 29.6 71.4	155	G_d 0.062	1.0	0.0	52.4	-59.6 34.5 68.9	150	G_s 0.0	1.0	0.0	0.0	1.0	0.151	50.7	-62.0 19.9 65.2	162	G_c 0.0	1.0	0.0			
156	151	163	0.0	1.0	0.016	50.1	-64.7 28.5 70.7	156	0.051	1.0	0.0	52.0	-60.6 33.6 69.4	151	0.0	1.0	0.017	0.0	1.0	0.167	50.8	-61.6 18.7 64.4	163	0.0	1.0	0.017			
156	152	164	0.0	1.0	0.033	50.1	-64.5 27.4 70.1	156	0.04	1.0	0.0	51.5	-61.6 32.8 69.8	152	0.0	1.0	0.033	0.0	1.0	0.183	50.9	-61.1 17.5 63.6	164	0.0	1.0	0.033			
157	153	164	0.0	1.0	0.05	50.2	-64.2 26.4 69.4	157	0.028	1.0	0.0	51.1	-62.5 31.9 70.3	153	0.0	1.0	0.05	0.0	1.0	0.2	51.0	-60.6 16.3 62.8	164	0.0	1.0	0.05			
158	154	165	0.0	1.0	0.066	50.3	-63.9 25.4 68.8	158	0.017	1.0	0.0	50.7	-63.5 31.0 70.7	154	0.0	1.0	0.067	0.0	1.0	0.216	51.0	-60.0 15.1 62.0	165	0.0	1.0	0.067			
159	155	166	0.0	1.0	0.083	50.3	-63.6 24.4 68.1	159	0.006	1.0	0.0	50.3	-64.4 30.1 71.2	155	0.0	1.0	0.083	0.0	1.0	0.232	51.1	-59.5 14.0 61.2	166	0.0	1.0	0.083			
159	156	167	0.0	1.0	0.1	50.4	-63.3 23.4 67.5	159	0.0	1.0	0.012	50.1	-64.7 28.9 71.0	156	0.0	1.0	0.1	0.0	1.0	0.248	51.2	-58.9 12.9 60.4	167	0.0	1.0	0.1			
160	157	168	0.0	1.0	0.116	50.5	-62.9 22.4 66.8	160	0.0	1.0	0.035	50.2	-64.4 27.4 70.0	157	0.0	1.0	0.117	0.0	1.0	0.261	51.3	-58.5 11.8 59.8	168	0.0	1.0	0.117			
161	158	169	0.0	1.0	0.133	50.5	-62.5 21.2 66.1	161	0.0	1.0	0.059	50.3	-64.0 25.9 69.1	158	0.0	1.0	0.133	0.0	1.0	0.274	51.4	-58.1 10.8 59.2	169	0.0	1.0	0.133			
162	159	170	0.0	1.0	0.15	50.6	-62.1 19.9 65.2	162	0.0	1.0	0.083	50.4	-63.5 24.4 68.2	159	0.0	1.0	0.15	0.0	1.0	0.287	51.5	-57.7 9.7 58.6	170	0.0	1.0	0.15			
163	160	171	0.0	1.0	0.166	50.7	-61.6 18.7 64.4	163	0.0	1.0	0.107	50.5	-63.1 23.0 67.2	160	0.0	1.0	0.167	0.0	1.0	0.3	51.5	-57.3 8.7 58.1	171	0.0	1.0	0.167			
164	161	172	0.0	1.0	0.183	50.8	-61.1 17.4 63.6	164	0.0	1.0	0.129	50.6	-62.6 21.6 66.3	161	0.0	1.0	0.183	0.0	1.0	0.313	51.6	-56.9 7.7 57.5	172	0.0	1.0	0.183			
164	162	173	0.0	1.0	0.2																								

Data of Maximum color M in colorimetric system Offset standard print; separation cmy0*, 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 $RYGCBM_d$: $h_{ab,d} = 32.3, 96.1, 155.5, 238.4, 306.2, 359.8$; 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}	$LAB^*_{d361Mi}(x=LabCh)$	$rgb^*_{ds361Mi}$	$LAB^*_{ds361Mi}(x=LabCh)$	$rgb^*_{dd361Mi}$	$LAB^*_{de361Mi}$	$rgb^*_{dex361Mi}(x=LabCh)$	$rgb^*_{dd361Mi}$	$rgb^*_{de361Mi}$																										
238	210	216	0.0	1.0	1.0	56.8	-25.5	-41.5	48.7	238	C_d	0.0	1.0	0.685	54.5	-39.5	-22.8	45.7	210	C_s	0.0	1.0	1.0	1.0	0.0	1.0	0.747	55.0	-36.1	-27.2	45.3	216	C_e	0.0	1.0	1.0	1.0
239	211	217	0.0	0.983	1.0	56.4	-24.9	-41.5	48.4	239		0.0	1.0	0.694	54.6	-39.0	-23.4	45.7	211		0.0	0.983	1.0	0.0	1.0	0.757	55.1	-35.7	-27.8	45.4	217	0.0	0.983	1.0			
239	212	218	0.0	0.966	1.0	56.1	-24.3	-41.5	48.1	239		0.0	1.0	0.703	54.7	-38.6	-24.1	45.6	212		0.0	0.967	1.0	0.0	1.0	0.767	55.2	-35.3	-28.4	45.4	218	0.0	0.967	1.0			
240	213	219	0.0	0.95	1.0	55.7	-23.7	-41.5	47.8	240		0.0	1.0	0.712	54.7	-38.1	-24.7	45.6	213		0.0	0.95	1.0	0.0	1.0	0.778	55.2	-34.9	-29.0	45.5	219	0.0	0.95	1.0			
240	214	220	0.0	0.933	1.0	55.4	-23.1	-41.5	47.5	240		0.0	1.0	0.721	54.8	-37.6	-25.3	45.5	214		0.0	0.933	1.0	0.0	1.0	0.788	55.3	-34.5	-29.6	45.6	220	0.0	0.933	1.0			
241	215	221	0.0	0.916	1.0	55.0	-22.5	-41.4	47.2	241		0.0	1.0	0.73	54.9	-37.1	-26.0	45.4	215		0.0	0.917	1.0	0.0	1.0	0.798	55.4	-34.1	-30.2	45.7	221	0.0	0.917	1.0			
242	216	222	0.0	0.9	1.0	54.6	-22.0	-41.4	46.9	242		0.0	1.0	0.739	55.0	-36.6	-26.6	45.4	216		0.0	0.9	1.0	0.0	1.0	0.808	55.4	-33.6	-30.8	45.7	222	0.0	0.9	1.0			
242	217	223	0.0	0.883	1.0	54.3	-21.4	-41.4	46.6	242		0.0	1.0	0.747	55.0	-36.1	-27.2	45.3	217		0.0	0.883	1.0	0.0	1.0	0.819	55.5	-33.2	-31.3	45.8	223	0.0	0.883	1.0			
243	218	224	0.0	0.866	1.0	53.9	-20.7	-41.3	46.3	243		0.0	1.0	0.758	55.1	-35.6	-27.8	45.4	218		0.0	0.867	1.0	0.0	1.0	0.829	55.6	-32.7	-31.9	45.9	224	0.0	0.867	1.0			
244	219	225	0.0	0.85	1.0	53.4	-20.0	-41.3	45.9	244		0.0	1.0	0.769	55.2	-35.2	-28.5	45.4	219		0.0	0.85	1.0	0.0	1.0	0.839	55.6	-32.3	-32.5	45.9	225	0.0	0.85	1.0			
245	220	226	0.0	0.833	1.0	52.9	-19.2	-41.3	45.6	245		0.0	1.0	0.781	55.3	-34.8	-29.2	45.5	220		0.0	0.833	1.0	0.0	1.0	0.85	55.7	-31.8	-33.1	46.0	226	0.0	0.833	1.0			
245	221	227	0.0	0.816	1.0	52.4	-18.5	-41.3	45.3	245		0.0	1.0	0.792	55.3	-34.3	-29.8	45.6	221		0.0	0.817	1.0	0.0	1.0	0.86	55.8	-31.3	-33.6	46.1	227	0.0	0.817	1.0			
246	222	227	0.0	0.8	1.0	51.9	-17.7	-41.3	44.9	246		0.0	1.0	0.803	55.4	-33.9	-30.5	45.7	222		0.0	0.8	1.0	0.0	1.0	0.87	55.8	-30.8	-34.2	46.2	227	0.0	0.8	1.0			
247	223	228	0.0	0.783	1.0	51.4	-17.0	-41.2	44.6	247		0.0	1.0	0.815	55.5	-33.4	-31.1	45.8	223		0.0	0.783	1.0	0.0	1.0	0.881	55.9	-30.4	-34.8	46.3	228	0.0	0.783	1.0			
248	224	229	0.0	0.766	1.0	50.9	-16.2	-41.2	44.2	248		0.0	1.0	0.826	55.6	-32.9	-31.7	45.8	224		0.0	0.767	1.0	0.0	1.0	0.893	56.0	-30.0	-35.4	46.6	229	0.0	0.767	1.0			
249	225	230	0.0	0.75	1.0	50.4	-15.5	-41.1	43.9	249		0.0	1.0	0.837	55.6	-32.4	-32.4	45.9	225		0.0	0.75	1.0	0.0	1.0	0.904	56.1	-29.6	-36.1	46.8	230	0.0	0.75	1.0			
250	226	231	0.0	0.733	1.0	49.9	-14.7	-41.1	43.6	250		0.0	1.0	0.849	55.7	-31.9	-33.0	46.0	226		0.0	0.733	1.0	0.0	1.0	0.915	56.2	-29.1	-36.7	47.0	231	0.0	0.733	1.0			
251	227	232	0.0	0.716	1.0	49.4	-13.8	-41.1	43.4	251		0.0	1.0	0.86	55.8	-31.3	-33.6	46.1	227		0.0	0.717	1.0	0.0	1.0	0.926	56.3	-28.7	-37.4	47.2	232	0.0	0.717	1.0			
252	228	233	0.0	0.7	1.0	48.8	-13.0	-41.1	43.1	252		0.0	1.0	0.871	55.9	-30.8	-34.2	46.2	228		0.0	0.7	1.0	0.0	1.0	0.938	56.3	-28.2	-38.0	47.5	233	0.0	0.7	1.0			
253	229	234	0.0	0.683	1.0	48.3	-12.2	-41.1	42.9	253		0.0	1.0	0.883	55.9	-30.3	-34.9	46.4	229		0.0	0.683	1.0	0.0	1.0	0.949	56.4	-27.7	-38.6	47.7	234	0.0	0.683	1.0			
254	230	235	0.0	0.666	1.0	47.8	-11.4	-41.0	42.6	254		0.0	1.0	0.896	56.0	-29.9	-35.6	46.6	230		0.0	0.667	1.0	0.0	1.0	0.96	56.5	-27.2	-39.3	47.9	235	0.0	0.667	1.0			
255	231	236	0.0	0.65	1.0	47.3	-10.6	-41.0	42.3	255		0.0	1.0	0.908	56.1	-29.4	-36.3	46.9	231		0.0	0.65	1.0	0.0	1.0	0.972	56.6	-26.7	-39.9	48.2	236	0.0	0.65	1.0			
256	232	237	0.0	0.633	1.0	46.8	-9.8	-40.9	42.1	256		0.0	1.0	0.92	56.2	-28.9	-37.0	47.1	232		0.0	0.633	1.0	0.0	1.0	0.983	56.7	-26.2	-40.5	48.4	237	0.0	0.633	1.0			
257	233	237	0.0	0.616	1.0	46.2	-8.9	-40.9	41.8	257		0.0	1.0	0.933	56.3	-28.4	-37.7	47.4	233		0.0	0.617	1.0	0.0	1.0	0.994	56.8	-25.7	-41.1	48.6	237	0.0	0.617	1.0			
259	234	238	0.0	0.6	1.0	45.5	-7.8	-40.9	41.7	259		0.0	1.0	0.945	56.4	-27.9	-38.4	47.6	234		0.0	0.6	1.0	0.0	1.0	0.988	1.0	56.6	-25.0	-41.4	48.5	238	0.0	0.6	1.0		
260	235	239	0.0	0.583	1.0	44.9	-6.6	-41.0	41.5	260		0.0	1.0	0.957	56.5	-27.4	-39.1	47.9	235		0.0	0.583	1.0	0.0	1.0	0.962	1.0	56.0	-24.1	-41.4	48.1	239	0.0	0.583	1.0		
262	236	240	0.0	0.566	1.0	44.2	-5.5	-40.9	41.3	262		0.0	1.0	0.97	56.6	-26.8	-39.8	48.1	236		0.0	0.567	1.0	0.0	1.0	0.937	1.0	55.5	-23.2	-41.4	47.6	240	0.0	0.567	1.0		
263	237	241	0.0	0.55	1.0	43.6	-4.4	-40.9	41.1	263		0.0	1.0	0.982	56.7	-26.2	-40.5	48.4	237		0.0	0.55	1.0	0.0	1.0	0.911	1.0	54.9	-22.3	-41.4	47.1	241	0.0	0.55	1.0		
265	238	242	0.0	0.533	1.0	43.0	-3.3	-40.8	41.0	265		0.0	1.0	0.994	56.8	-25.7	-41.1	48.6	238		0.0	0.533	1.0	0.0	1.0	0.885	1.0	54.4	-21.4	-41.3	46.7	242	0.0	0.533	1.0		
266	239	243	0.0	0.516	1.0	42.3	-2.3	-40.7	40.8	266		0.0	0.985	1.0	56.5	-24.9	-41.4	48.5	239		0.0	0.517	1.0	0.0	1.0	0.864	1.0	53.9	-20.6	-41.3	46.3	243	0.0	0.517	1.0		
268	240	244	0.0	0.5	1.0	41.7	-1.2	-40.6	40.6	268		0.0	0.956	1.0	55.9	-23.9	-41.4	48.0	240		0.0	0.5	1.0	0.0	1.0	0.847	1.0	53.3	-19.8	-41.3	45.9	244	0.0	0.5	1.0		
269	241	245	0.0	0.483	1.0	41.1	-0.2	-40.6	40.6	269		0.0	0.928	1.0	55.3	-22.9	-41.4	47.4	241		0.0	0.483	1.0	0.0	1.0	0.829	1.0	52.8	-19.0	-41.3	45.6	245	0.0	0.483	1.0		
271	242	246	0.0	0.466	1.0	40.5	0.7	-40.6	40.6	271		0.0	0.9	1.0	54.7	-21.9	-41.3	46.9	242		0.0	0.467	1.0	0.0	1.0	0.811	1.0	52.3	-18.1	-41.2	45.2	246	0.0	0.467	1.0		
272	243	247	0.0	0.45	1.0	39.9	1.7	-40.6	40.6	272		0.0	0.873	1.0	54.1	-21.0	-41.3	46.4	243		0.0	0.45	1.0	0.0	1.0	0.793	1.0	51.7	-17.3	-41.2	44.8	247	0.0	0.45	1.0		
273	244	248	0.0	0.433	1.0	39.3	2.7	-40.6	40.6	273		0.0	0.854	1.0	53.5	-20.1	-41.3	46.1	244		0.0	0.433	1.0	0.0	1.0	0.775	1.0	51.2	-16.6	-41.1	44.5	248	0.0	0.433	1.0		
275	245	248	0.0	0.416	1.0	38.8	3.6	-40.5	40.6	275		0.0	0.834	1.0	53.0	-19.2	-41.3	45.7	245		0.0	0.417	1.0	0.0	1.0	0.757	1.0	50.7	-15.8	-41.1	44.1	248	0.0	0.417	1.0		
276	246	249	0.0	0.4	1.0	38.2	4.6	-40.4	40.7	276		0.0	0.815	1.0	52.4	-18.3	-41.3	45.3	246		0.0	0.4	1.0	0.0	1.0	0.741	1.0	50.2	-15.0	-41.0	43.8	249	0.0	0.4	1.0		
277	247	250	0.0	0.383	1.0	37.6	5.6	-40.3	40.7	277		0.0	0.795	1.0	51.8	-17.4	-41.2	44.9	247		0.0	0.383	1.0	0.0	1.0	0.726	1.0	49.7	-14.3	-41.1	43.6	250	0.0	0.383	1.0		
279	248	251	0.0	0.366	1.0	37.0	6.6	-40.2	40.8	279		0.0	0.775	1.0	51.2	-16.6	-41.1	44.5	248		0.0	0															

Data of Maximum color M in colorimetric system Offset standard print; separation cmy0*, 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 $RYGCBM_d$: $h_{ab,d} = 32.3, 96.1, 155.5, 238.4, 306.2, 359.8$; 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}	$LAB^*_{dd361Mi} (x=LabCh)$	$rgb^*_{ds361Mi}$	$LAB^*_{ds361Mi} (x=LabCh)$	$rgb^*_{dd361Mi}$	$rgb^*_{de361Mi}$	$LAB^*_{dex361Mi} (x=LabCh)$	$rgb^*_{dd361Mi}$	$rgb^*_{dd361Mi}$	$rgb^*_{dd361Mi}$																					
289	255	258	0.0	0.25	1.0	32.8	14.3	-40.2	42.7	289	0.0	0.657	1.0	47.5	-10.9	-40.9	42.5	255	0.0	0.25	1.0	0.0	0.613	1.0	46.1	-8.6	-40.8	41.9	258	0.0	0.25	1.0	
290	256	258	0.0	0.233	1.0	32.2	15.3	-40.3	43.1	290	0.0	0.641	1.0	47.0	-10.1	-40.9	42.2	256	0.0	0.233	1.0	0.0	0.603	1.0	45.7	-7.9	-40.9	41.7	258	0.0	0.233	1.0	
292	257	259	0.0	0.216	1.0	31.7	16.4	-40.3	43.6	292	0.0	0.624	1.0	46.5	-9.3	-40.8	42.0	257	0.0	0.217	1.0	0.0	0.593	1.0	45.3	-7.2	-40.9	41.6	259	0.0	0.217	1.0	
293	258	260	0.0	0.2	1.0	31.1	17.5	-40.4	44.0	293	0.0	0.613	1.0	46.1	-8.6	-40.8	41.9	258	0.0	0.2	1.0	0.0	0.583	1.0	44.9	-6.6	-40.9	41.5	260	0.0	0.2	1.0	
294	259	261	0.0	0.183	1.0	30.6	18.5	-40.4	44.5	294	0.0	0.602	1.0	45.7	-7.9	-40.9	41.7	259	0.0	0.183	1.0	0.0	0.573	1.0	44.5	-5.9	-40.9	41.4	261	0.0	0.183	1.0	
295	260	262	0.0	0.166	1.0	30.0	19.6	-40.4	44.9	295	0.0	0.591	1.0	45.3	-7.1	-40.9	41.6	260	0.0	0.167	1.0	0.0	0.562	1.0	44.1	-5.2	-40.9	41.3	262	0.0	0.167	1.0	
297	261	263	0.0	0.15	1.0	29.5	20.7	-40.4	45.4	297	0.0	0.58	1.0	44.8	-6.4	-40.9	41.5	261	0.0	0.15	1.0	0.0	0.552	1.0	43.7	-4.5	-40.9	41.2	263	0.0	0.15	1.0	
298	262	264	0.0	0.133	1.0	28.9	21.8	-40.3	45.8	298	0.0	0.569	1.0	44.4	-5.7	-40.9	41.4	262	0.0	0.133	1.0	0.0	0.542	1.0	43.4	-3.9	-40.8	41.1	264	0.0	0.133	1.0	
299	263	265	0.0	0.116	1.0	28.4	22.8	-40.3	46.3	299	0.0	0.558	1.0	44.0	-4.9	-40.9	41.3	263	0.0	0.117	1.0	0.0	0.532	1.0	43.0	-3.2	-40.8	41.0	265	0.0	0.117	1.0	
300	264	266	0.0	0.1	1.0	27.9	23.8	-40.4	46.9	300	0.0	0.547	1.0	43.5	-4.2	-40.8	41.2	264	0.0	0.1	1.0	0.0	0.522	1.0	42.6	-2.6	-40.7	40.9	266	0.0	0.1	1.0	
301	265	267	0.0	0.083	1.0	27.4	24.7	-40.4	47.4	301	0.0	0.536	1.0	43.1	-3.5	-40.8	41.1	265	0.0	0.083	1.0	0.0	0.512	1.0	42.2	-1.9	-40.7	40.8	267	0.0	0.083	1.0	
302	266	268	0.0	0.066	1.0	26.9	25.7	-40.4	47.9	302	0.0	0.525	1.0	42.7	-2.8	-40.7	40.9	266	0.0	0.067	1.0	0.0	0.502	1.0	41.8	-1.3	-40.6	40.7	268	0.0	0.067	1.0	
303	267	269	0.0	0.049	1.0	26.5	26.6	-40.5	48.4	303	0.0	0.514	1.0	42.3	-2.0	-40.7	40.8	267	0.0	0.05	1.0	0.0	0.491	1.0	41.4	-0.6	-40.6	40.7	269	0.0	0.05	1.0	
304	268	269	0.0	0.033	1.0	26.0	27.6	-40.4	49.0	304	0.0	0.503	1.0	41.8	-1.3	-40.6	40.7	268	0.0	0.033	1.0	0.0	0.48	1.0	41.0	0.0	-40.6	40.7	269	0.0	0.033	1.0	
305	269	270	0.0	0.016	1.0	25.5	28.6	-40.4	49.5	305	0.0	0.491	1.0	41.4	-0.6	-40.6	40.7	269	0.0	0.017	1.0	0.0	0.469	1.0	40.6	0.6	-40.6	40.7	270	0.0	0.017	1.0	
306	270	271	0.0	0.0	1.0	25.0	29.5	-40.4	50.0	306	B_d	0.0	0.479	1.0	41.0	0.0	-40.6	40.7	$270B_s$	0.0	0.0	1.0	0.0	0.458	1.0	40.3	1.2	-40.6	40.7	$271B_e$	0.0	0.0	1.0
307	271	272	0.016	0.0	1.0	25.4	30.4	-39.9	50.2	307	0.0	0.467	1.0	40.6	0.7	-40.6	40.7	271	0.017	0.0	1.0	0.0	0.447	1.0	39.9	1.9	-40.5	40.7	272	0.017	0.0	1.0	
308	272	273	0.033	0.0	1.0	25.8	31.3	-39.4	50.4	308	0.0	0.455	1.0	40.2	1.4	-40.6	40.7	272	0.033	0.0	1.0	0.0	0.435	1.0	39.5	2.6	-40.5	40.7	273	0.033	0.0	1.0	
309	273	274	0.05	0.0	1.0	26.2	32.2	-38.9	50.5	309	0.0	0.443	1.0	39.7	2.1	-40.5	40.7	273	0.05	0.0	1.0	0.0	0.424	1.0	39.1	3.3	-40.5	40.7	274	0.05	0.0	1.0	
310	274	275	0.066	0.0	1.0	26.5	33.1	-38.4	50.7	310	0.0	0.431	1.0	39.3	2.8	-40.5	40.7	274	0.067	0.0	1.0	0.0	0.413	1.0	38.7	3.9	-40.4	40.7	275	0.067	0.0	1.0	
311	275	276	0.083	0.0	1.0	26.9	33.9	-37.8	50.8	311	0.0	0.419	1.0	38.9	3.5	-40.4	40.7	275	0.083	0.0	1.0	0.0	0.401	1.0	38.3	4.6	-40.3	40.7	276	0.083	0.0	1.0	
313	276	277	0.1	0.0	1.0	27.3	34.8	-37.3	51.0	313	0.0	0.407	1.0	38.5	4.3	-40.4	40.7	276	0.1	0.0	1.0	0.0	0.39	1.0	37.9	5.3	-40.3	40.7	277	0.1	0.0	1.0	
314	277	278	0.116	0.0	1.0	27.7	35.6	-36.7	51.1	314	0.0	0.395	1.0	38.1	5.0	-40.3	40.7	277	0.117	0.0	1.0	0.0	0.378	1.0	37.5	5.9	-40.2	40.7	278	0.117	0.0	1.0	
315	278	279	0.133	0.0	1.0	27.9	36.4	-36.2	51.3	315	0.0	0.383	1.0	37.6	5.7	-40.2	40.7	278	0.133	0.0	1.0	0.0	0.367	1.0	37.1	6.6	-40.2	40.8	279	0.133	0.0	1.0	
316	279	280	0.15	0.0	1.0	28.1	37.2	-35.7	51.6	316	0.0	0.371	1.0	37.2	6.4	-40.2	40.8	279	0.15	0.0	1.0	0.0	0.357	1.0	36.7	7.3	-40.2	41.0	280	0.15	0.0	1.0	
317	280	281	0.166	0.0	1.0	28.2	38.0	-35.2	51.9	317	0.0	0.36	1.0	36.8	7.1	-40.2	41.0	280	0.167	0.0	1.0	0.0	0.346	1.0	36.3	8.0	-40.3	41.2	281	0.167	0.0	1.0	
318	281	282	0.183	0.0	1.0	28.3	38.8	-34.7	52.1	318	0.0	0.348	1.0	36.4	7.8	-40.3	41.1	281	0.183	0.0	1.0	0.0	0.335	1.0	35.9	8.7	-40.3	41.3	282	0.183	0.0	1.0	
319	282	283	0.2	0.0	1.0	28.5	39.6	-34.2	52.4	319	0.0	0.337	1.0	36.0	8.6	-40.3	41.3	282	0.2	0.0	1.0	0.0	0.324	1.0	35.5	9.4	-40.3	41.5	283	0.2	0.0	1.0	
320	283	284	0.216	0.0	1.0	28.6	40.4	-33.7	52.6	320	0.0	0.326	1.0	35.6	9.3	-40.3	41.5	283	0.217	0.0	1.0	0.0	0.313	1.0	35.1	10.1	-40.3	41.7	284	0.217	0.0	1.0	
321	284	285	0.233	0.0	1.0	28.7	41.2	-33.1	52.9	321	0.0	0.314	1.0	35.2	10.1	-40.3	41.7	284	0.233	0.0	1.0	0.0	0.303	1.0	34.8	10.8	-40.3	41.9	285	0.233	0.0	1.0	
322	285	285	0.25	0.0	1.0	28.8	41.9	-32.5	53.1	322	0.0	0.303	1.0	34.8	10.8	-40.3	41.9	285	0.25	0.0	1.0	0.0	0.292	1.0	34.4	11.6	-40.3	42.0	285	0.25	0.0	1.0	
323	286	286	0.266	0.0	1.0	29.4	43.3	-31.8	53.8	323	0.0	0.291	1.0	34.3	11.6	-40.3	42.0	286	0.267	0.0	1.0	0.0	0.281	1.0	34.0	12.3	-40.3	42.2	286	0.267	0.0	1.0	
325	287	287	0.283	0.0	1.0	29.9	44.7	-31.1	54.4	325	0.0	0.28	1.0	33.9	12.3	-40.3	42.2	287	0.283	0.0	1.0	0.0	0.27	1.0	33.6	13.0	-40.2	42.4	287	0.283	0.0	1.0	
326	288	288	0.3	0.0	1.0	30.4	46.0	-30.3	55.1	326	0.0	0.269	1.0	33.5	13.1	-40.2	42.4	288	0.3	0.0	1.0	0.0	0.26	1.0	33.2	13.7	-40.2	42.5	288	0.3	0.0	1.0	
328	289	289	0.316	0.0	1.0	30.9	47.3	-29.4	55.7	328	0.0	0.257	1.0	33.1	13.9	-40.2	42.6	289	0.317	0.0	1.0	0.0	0.249	1.0	32.8	14.4	-40.1	42.7	289	0.317	0.0	1.0	
329	290	290	0.333	0.0	1.0	31.4	48.6	-28.5	56.4	329	0.0	0.245	1.0	32.7	14.6	-40.1	42.8	290	0.333	0.0	1.0	0.0	0.236	1.0	32.4	15.2	-40.2	43.1	290	0.333	0.0	1.0	
331	291	291	0.35	0.0	1.0	32.0	49.9	-27.5	57.0	331	0.0	0.232	1.0	32.2	15.5	-40.2	43.2	291	0.35	0.0	1.0	0.0	0.223	1.0	32.0	16.0	-40.3	43.4	291	0.35	0.0	1.0	
332	292	292	0.366	0.0	1.0	32.5	51.2	-26.5	57.7	332	0.0	0.219	1.0	31.8	16.3	-40.3	43.6	292	0.367	0.0	1.0	0.0	0.211	1.0	31.5	16.8	-40.3	43.8	292	0.367	0.0	1.0	
333	293	293	0.383	0.0	1.0	32.9	52.3	-25.7	58.3	333	0.0	0.205	1.0	31.4	17.2	-40.3	43.9	293	0.383	0.0	1.0	0.0	0.198	1.0	31.1	17.6	-40.3	44.1	293	0.383	0.0	1.0	
334	294	294	0.4	0.0	1.0	33.3	53.2	-25.0	58.8	334	0.0	0.192	1.0	30.9	18.0	-40.3	44.3	294	0.4	0.0	1.0	0.0	0.186	1.0	30.7	18.4	-40.4	44.5	294	0.4	0.0	1.0	
335	295	295	0.416	0.0	1.0	33.7	54.1	-24.4	59.4	335	0.0	0.179	1.0	30.5	18.9	-40.4	44.6	295	0.417	0.0	1.0	0.0											

Data of Maximum color M in colorimetric system Offset standard print; separation cmy0*, 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 $RYGCBM_d$: $h_{ab,d} = 32.3, 96.1, 155.5, 238.4, 306.2, 359.8$; 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^*_{d361Mi}	$LAB^*_{ds361Mi}$	$LAB^*_{dsx361Mi}$	$rgb^*_{dd361Mi}$	$LAB^*_{de361Mi}$	$LAB^*_{dex361Mi}$	$rgb^*_{dd361Mi}$	rgb^*_{dd}	rgb^*_{ds}	rgb^*_{de}																			
340	300	300	0.5	0.0	1.0	35.6	58.6	-20.7	62.1	340	0.0	0.109	1.0	28.2	23.3	-40.3	46.6	300	0.5	0.0	1.0	0.0	0.106	1.0	28.1	23.5	-40.3	46.7	300	0.5	0.0	1.0
341	301	301	0.516	0.0	1.0	35.9	59.5	-19.9	62.8	341	0.0	0.091	1.0	27.7	24.3	-40.3	47.2	301	0.517	0.0	1.0	0.0	0.089	1.0	27.6	24.4	-40.3	47.2	301	0.517	0.0	1.0
342	302	302	0.533	0.0	1.0	36.2	60.5	-19.0	63.4	342	0.0	0.074	1.0	27.2	25.3	-40.4	47.7	302	0.533	0.0	1.0	0.0	0.073	1.0	27.2	25.4	-40.4	47.8	302	0.533	0.0	1.0
343	303	303	0.55	0.0	1.0	36.6	61.4	-18.2	64.0	343	0.0	0.056	1.0	26.7	26.3	-40.4	48.3	303	0.55	0.0	1.0	0.0	0.056	1.0	26.7	26.3	-40.4	48.3	303	0.55	0.0	1.0
344	304	303	0.566	0.0	1.0	36.9	62.3	-17.3	64.7	344	0.0	0.039	1.0	26.2	27.3	-40.4	48.9	304	0.567	0.0	1.0	0.0	0.039	1.0	26.2	27.3	-40.4	48.8	303	0.567	0.0	1.0
345	305	304	0.583	0.0	1.0	37.2	63.2	-16.4	65.3	345	0.0	0.021	1.0	25.7	28.3	-40.4	49.4	305	0.583	0.0	1.0	0.0	0.023	1.0	25.7	28.2	-40.4	49.4	304	0.583	0.0	1.0
346	306	305	0.6	0.0	1.0	37.6	64.1	-15.4	66.0	346	0.0	0.004	1.0	25.2	29.4	-40.3	50.0	306	0.6	0.0	1.0	0.0	0.006	1.0	25.3	29.2	-40.3	49.9	305	0.6	0.0	1.0
347	307	306	0.616	0.0	1.0	37.9	65.0	-14.5	66.6	347	0.011	0.0	1.0	25.3	30.2	-40.0	50.2	307	0.617	0.0	1.0	0.009	0.0	1.0	25.3	30.1	-40.1	50.2	306	0.617	0.0	1.0
348	308	307	0.633	0.0	1.0	38.3	65.8	-13.7	67.2	348	0.026	0.0	1.0	25.7	31.0	-39.6	50.3	308	0.633	0.0	1.0	0.023	0.0	1.0	25.6	30.8	-39.7	50.3	307	0.633	0.0	1.0
348	309	308	0.65	0.0	1.0	38.8	66.6	-13.1	67.9	348	0.041	0.0	1.0	26.0	31.8	-39.1	50.5	309	0.65	0.0	1.0	0.036	0.0	1.0	25.9	31.5	-39.3	50.4	308	0.65	0.0	1.0
349	310	309	0.666	0.0	1.0	39.3	67.3	-12.5	68.5	349	0.056	0.0	1.0	26.3	32.5	-38.7	50.6	310	0.667	0.0	1.0	0.05	0.0	1.0	26.2	32.3	-38.8	50.6	309	0.667	0.0	1.0
350	311	310	0.683	0.0	1.0	39.8	68.1	-11.9	69.1	350	0.07	0.0	1.0	26.7	33.3	-38.2	50.8	311	0.683	0.0	1.0	0.064	0.0	1.0	26.5	33.0	-38.4	50.7	310	0.683	0.0	1.0
350	312	311	0.7	0.0	1.0	40.3	68.8	-11.2	69.7	350	0.085	0.0	1.0	27.0	34.1	-37.7	50.9	312	0.7	0.0	1.0	0.078	0.0	1.0	26.9	33.7	-37.9	50.8	311	0.7	0.0	1.0
351	313	312	0.716	0.0	1.0	40.8	69.5	-10.6	70.4	351	0.1	0.0	1.0	27.3	34.8	-37.2	51.0	313	0.717	0.0	1.0	0.092	0.0	1.0	27.2	34.4	-37.5	51.0	312	0.717	0.0	1.0
351	314	313	0.733	0.0	1.0	41.3	70.3	-9.9	71.0	351	0.114	0.0	1.0	27.7	35.5	-36.7	51.2	314	0.733	0.0	1.0	0.106	0.0	1.0	27.5	35.1	-37.0	51.1	313	0.733	0.0	1.0
352	315	314	0.75	0.0	1.0	41.8	71.0	-9.2	71.6	352	0.13	0.0	1.0	27.9	36.3	-36.2	51.3	315	0.75	0.0	1.0	0.12	0.0	1.0	27.8	35.8	-36.5	51.2	314	0.75	0.0	1.0
353	316	315	0.766	0.0	1.0	42.1	71.6	-8.7	72.1	353	0.146	0.0	1.0	28.1	37.1	-35.7	51.6	316	0.767	0.0	1.0	0.135	0.0	1.0	28.0	36.6	-36.0	51.4	315	0.767	0.0	1.0
353	317	316	0.783	0.0	1.0	42.4	72.1	-8.1	72.6	353	0.163	0.0	1.0	28.2	37.9	-35.3	51.8	317	0.783	0.0	1.0	0.151	0.0	1.0	28.1	37.3	-35.6	51.7	316	0.783	0.0	1.0
353	318	317	0.8	0.0	1.0	42.7	72.7	-7.6	73.1	353	0.18	0.0	1.0	28.3	38.7	-34.8	52.1	318	0.8	0.0	1.0	0.167	0.0	1.0	28.2	38.1	-35.1	51.9	317	0.8	0.0	1.0
354	319	318	0.816	0.0	1.0	43.1	73.2	-7.0	73.6	354	0.197	0.0	1.0	28.5	39.5	-34.2	52.4	319	0.817	0.0	1.0	0.183	0.0	1.0	28.4	38.9	-34.7	52.1	318	0.817	0.0	1.0
354	320	319	0.833	0.0	1.0	43.4	73.8	-6.5	74.1	354	0.213	0.0	1.0	28.6	40.3	-33.7	52.6	320	0.833	0.0	1.0	0.199	0.0	1.0	28.5	39.6	-34.2	52.4	319	0.833	0.0	1.0
355	321	320	0.85	0.0	1.0	43.7	74.3	-5.9	74.6	355	0.23	0.0	1.0	28.7	41.1	-33.2	52.9	321	0.85	0.0	1.0	0.215	0.0	1.0	28.6	40.4	-33.7	52.6	320	0.85	0.0	1.0
355	322	321	0.866	0.0	1.0	44.0	74.9	-5.3	75.1	355	0.247	0.0	1.0	28.9	41.9	-32.6	53.1	322	0.867	0.0	1.0	0.231	0.0	1.0	28.7	41.1	-33.2	52.9	321	0.867	0.0	1.0
356	323	321	0.883	0.0	1.0	44.3	75.4	-4.7	75.6	356	0.259	0.0	1.0	29.2	42.7	-32.1	53.5	323	0.883	0.0	1.0	0.247	0.0	1.0	28.9	41.8	-32.6	53.1	321	0.883	0.0	1.0
356	324	322	0.9	0.0	1.0	44.6	76.0	-4.1	76.1	356	0.27	0.0	1.0	29.5	43.7	-31.6	54.0	324	0.9	0.0	1.0	0.258	0.0	1.0	29.2	42.7	-32.1	53.5	322	0.9	0.0	1.0
357	325	323	0.916	0.0	1.0	44.8	76.6	-3.5	76.6	357	0.282	0.0	1.0	29.9	44.6	-31.1	54.4	325	0.917	0.0	1.0	0.269	0.0	1.0	29.5	43.5	-31.7	53.9	323	0.917	0.0	1.0
357	326	324	0.933	0.0	1.0	45.1	77.1	-2.8	77.2	357	0.293	0.0	1.0	30.2	45.5	-30.6	54.8	326	0.933	0.0	1.0	0.28	0.0	1.0	29.8	44.4	-31.2	54.3	324	0.933	0.0	1.0
358	327	325	0.95	0.0	1.0	45.3	77.7	-2.2	77.7	358	0.304	0.0	1.0	30.6	46.4	-30.0	55.3	327	0.95	0.0	1.0	0.29	0.0	1.0	30.1	45.2	-30.7	54.7	325	0.95	0.0	1.0
358	328	326	0.966	0.0	1.0	45.6	78.2	-1.5	78.2	358	0.315	0.0	1.0	30.9	47.2	-29.4	55.7	328	0.967	0.0	1.0	0.301	0.0	1.0	30.5	46.1	-30.2	55.1	326	0.967	0.0	1.0
359	329	327	0.983	0.0	1.0	45.8	78.7	-0.8	78.7	359	0.326	0.0	1.0	31.3	48.1	-28.8	56.1	329	0.983	0.0	1.0	0.311	0.0	1.0	30.8	46.9	-29.6	55.6	327	0.983	0.0	1.0
359	330	328	1.0	0.0	1.0	46.1	79.3	-0.2	79.3	359	0.337	0.0	1.0	31.6	49.0	-28.2	56.6	330	1.0	0.0	1.0	0.322	0.0	1.0	31.1	47.8	-29.1	56.0	328	1.0	0.0	1.0
360	331	329	1.0	0.0	0.983	46.1	79.1	0.3	79.1	360	0.349	0.0	1.0	32.0	49.9	-27.5	57.0	331	1.0	0.0	0.983	0.332	0.0	1.0	31.5	48.6	-28.5	56.4	329	1.0	0.0	0.983
360	332	330	1.0	0.0	0.966	46.0	79.0	0.9	79.0	360	0.36	0.0	1.0	32.3	50.7	-26.9	57.5	332	1.0	0.0	0.967	0.343	0.0	1.0	31.8	49.4	-27.9	56.8	330	1.0	0.0	0.967
361	333	331	1.0	0.0	0.95	46.0	78.9	1.5	78.9	361	0.371	0.0	1.0	32.7	51.6	-26.2	57.9	333	1.0	0.0	0.95	0.354	0.0	1.0	32.1	50.3	-27.2	57.2	331	1.0	0.0	0.95
361	334	332	1.0	0.0	0.933	46.0	78.7	2.1	78.8	361	0.386	0.0	1.0	33.0	52.5	-25.5	58.4	334	1.0	0.0	0.933	0.364	0.0	1.0	32.4	51.1	-26.6	57.6	332	1.0	0.0	0.933
361	335	333	1.0	0.0	0.916	46.0	78.6	2.7	78.6	361	0.404	0.0	1.0	33.4	53.5	-24.8	59.0	335	1.0	0.0	0.917	0.375	0.0	1.0	32.8	51.9	-25.9	58.0	333	1.0	0.0	0.917
362	336	334	1.0	0.0	0.9	46.0	78.4	3.2	78.5	362	0.421	0.0	1.0	33.8	54.4	-24.1	59.6	336	1.0	0.0	0.9	0.391	0.0	1.0	33.1	52.8	-25.3	58.6	334	1.0	0.0	0.9
362	337	335	1.0	0.0	0.883	45.9	78.3	3.8	78.4	362	0.438	0.0	1.0	34.2	55.4	-23.4	60.1	337	1.0	0.0	0.883	0.408	0.0	1.0	33.5	53.7	-24.7	59.1	335	1.0	0.0	0.883
363	338	336	1.0	0.0	0.866	45.9	78.1	4.4	78.3	363	0.456	0.0	1.0	34.6	56.3	-22.6	60.7	338	1.0	0.0	0.867	0.424	0.0	1.0	33.9	54.6	-24.0	59.7	336	1.0	0.0	0.867
363	339	337	1.0	0.0	0.85	45.9	78.0	5.0	78.2	363	0.473	0.0	1.0	35.0	57.2	-21.9	61.3	339	1.0	0.0	0.85	0.441	0.0	1.0	34.3	55.5	-23.3	60.2	337	1.0	0.0	0.85
364	340	338	1.0	0.0	0.833	45.9	77.9	5.6	78.1	364	0.491	0.0	1.0	35.4	58.1	-21.1	61.9	340	1.0	0.0	0.833	0.457	0.0									

Six hue angles of the device colours $RYGCBM_d$: $h_{ab,d} = 32.3, 96.1, 155.5, 238.4, 306.2, 359.8$; 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}	$LAB^*_{dsx361Mi}$ (x=LabCh)	$rgb^*_{ds361Mi}$	$LAB^*_{dsx361Mi}$ (x=LabCh)	$rgb^*_{dd361Mi}$	$rgb^*_{de361Mi}$	$LAB^*_{dex361Mi}$ (x=LabCh)	$rgb^*_{dd361Mi}$	rgb^*_{dd}	rgb^*_{ds}	rgb^*_{de}
366	345	342	1.0	0.0	0.75	45.9	77.1	8.6	77.6	366			
367	346	343	1.0	0.0	0.733	45.9	77.0	9.4	77.5	367			
367	347	344	1.0	0.0	0.716	45.9	76.8	10.3	77.5	367			
368	348	345	1.0	0.0	0.7	45.9	76.6	11.1	77.4	368			
368	349	346	1.0	0.0	0.683	45.9	76.4	11.9	77.3	368			
369	350	347	1.0	0.0	0.666	45.9	76.2	12.8	77.2	369			
370	351	348	1.0	0.0	0.65	46.0	75.9	13.6	77.2	370			
370	352	349	1.0	0.0	0.633	46.0	75.7	14.4	77.1	370			
371	353	350	1.0	0.0	0.616	46.0	75.5	15.2	77.1	371			
372	354	351	1.0	0.0	0.6	45.9	75.4	16.1	77.1	372			
372	355	352	1.0	0.0	0.583	45.9	75.2	16.9	77.1	372			
373	356	353	1.0	0.0	0.566	45.9	75.0	17.8	77.1	373			
374	357	354	1.0	0.0	0.55	45.9	74.8	18.6	77.1	374			
374	358	355	1.0	0.0	0.533	45.9	74.6	19.5	77.1	374			
375	359	356	1.0	0.0	0.516	45.9	74.4	20.3	77.1	375			
375	360	352	1.0	0.0	0.5	45.9	74.2	21.1	77.1	375			
376	361	353	1.0	0.0	0.483	45.8	74.1	22.1	77.3	376			
377	362	354	1.0	0.0	0.466	45.8	73.9	23.1	77.4	377			
378	363	355	1.0	0.0	0.45	45.8	73.8	24.0	77.6	378			
378	364	356	1.0	0.0	0.433	45.8	73.6	25.0	77.7	378			
379	365	357	1.0	0.0	0.416	45.8	73.4	25.9	77.9	379			
380	366	358	1.0	0.0	0.4	45.8	73.2	26.9	78.0	380			
380	367	359	1.0	0.0	0.383	45.8	73.0	27.8	78.2	380			
381	368	360	1.0	0.0	0.366	45.8	72.9	28.7	78.4	381			
382	369	362	1.0	0.0	0.35	45.8	72.8	29.6	78.6	382			
382	370	363	1.0	0.0	0.333	45.7	72.7	30.4	78.8	382			
383	371	364	1.0	0.0	0.316	45.7	72.6	31.2	79.1	383			
383	372	365	1.0	0.0	0.3	45.7	72.5	32.1	79.3	383			
384	373	366	1.0	0.0	0.283	45.6	72.4	32.9	79.6	384			
385	374	367	1.0	0.0	0.266	45.6	72.3	33.8	79.8	385			
385	375	368	1.0	0.0	0.25	45.6	72.1	34.6	80.0	385			
386	376	369	1.0	0.0	0.233	45.6	72.1	35.3	80.3	386			
386	377	370	1.0	0.0	0.216	45.6	72.0	36.1	80.5	386			
387	378	372	1.0	0.0	0.2	45.6	71.9	36.8	80.8				

TUB matrícula: 20130201-QS47/QS47L0FP.PDF /PS TUB material: codi aplicació para la medida salida en la impresión offset, separación cmy0* (CMY0)

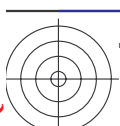
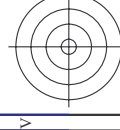
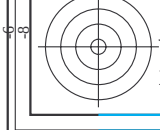
2-1031631-L0	QS470-72	LAB*la0, YN=0%, XYZnw=3.6, 4.2, 6.1, 85.4, 89.1, 104.8, LAB*nw=24.4, 0.0, 0.0, 95.6, 0.0, 0.0
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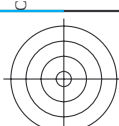
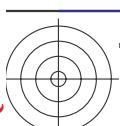
salida: Offset standard print; separation cmy0*, D65, página 17/33

gráfico TUB-QS47; código de tono: $H^*_d=Y25G_d$
círculo de tono, 48 pasos; *rqb-LabCh**mesas

entrada: $rgb/cmyk \rightarrow rgb_{dd}$
salida: 3D-linealización a $cmy0^*_{dd}$

1-100

[illegible]



C

M

C

1

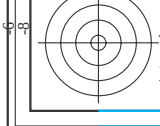
1

[illegible]

122

<http://130.149.60.45/~farbmatrik/QS47/QS47L0FP.PDF> /PS; 3D-linealización F: 3D-linealización QS47/QS47LS30FP DAT en archivo (F), página 21/33

<i>n</i>	HIC [°] _{Fold}	<i>rgb₁</i> _{Fold}	<i>lcr₁</i> _{Fold}	<i>h₂</i> _{Fold}	<i>rgb₂</i> _{Fold}	<i>LabCh[°]</i> _{Fold}	<i>cmv[°]</i> _{sep,Fold}	<i>h₂an₁</i> _{Fold}	<i>rgb₂</i> _{Fold}	<i>LabCh[°]</i> _{Mid}	<i>h₂an₂</i> _{Fold}	<i>rgb₁</i> _{Fold}	<i>h₂an₁</i> _{Fold}
81	RO0Y_012_012ad	0.125 0.0	0.125 0.0	0.125 0.0	0.125 0.0	27.0	0.9	32.3	0.9	0.966	1.0	0.0	389
82	B50R_012_012ad	0.125 0.0	0.125 0.0	0.125 0.0	0.125 0.0	27.0	0.9	32.3	0.9	0.966	1.0	0.0	389
83	B50R_012_012ad	0.125 0.0	0.125 0.0	0.125 0.0	0.125 0.0	27.0	0.9	32.3	0.9	0.966	1.0	0.0	389
84	B15R_037_037ad	0.125 0.0	0.125 0.0	0.125 0.0	0.125 0.0	27.0	0.9	32.3	0.9	0.966	1.0	0.0	389
85	B11R_050_050ad	0.125 0.0	0.125 0.0	0.125 0.0	0.125 0.0	27.0	0.9	32.3	0.9	0.966	1.0	0.0	389
86	B09R_062_062ad	0.125 0.0	0.125 0.0	0.125 0.0	0.125 0.0	27.0	0.9	32.3	0.9	0.966	1.0	0.0	389
87	B07R_075_075ad	0.125 0.0	0.125 0.0	0.125 0.0	0.125 0.0	27.0	0.9	32.3	0.9	0.966	1.0	0.0	389
88	B06R_087_087ad	0.125 0.0	0.125 0.0	0.125 0.0	0.125 0.0	27.0	0.9	32.3	0.9	0.966	1.0	0.0	389
89	B05R_100_100ad	0.125 0.0	0.125 0.0	0.125 0.0	0.125 0.0	27.0	0.9	32.3	0.9	0.966	1.0	0.0	389
90	Y00G_012_012ad	0.125 0.0	0.125 0.0	0.125 0.0	0.125 0.0	27.0	0.9	32.3	0.9	0.966	1.0	0.0	389
91	NW_012ad	0.125 0.0	0.125 0.0	0.125 0.0	0.125 0.0	27.0	0.9	32.3	0.9	0.966	1.0	0.0	389
92	B00R_025_012ad	0.125 0.0	0.125 0.0	0.125 0.0	0.125 0.0	27.0	0.9	32.3	0.9	0.966	1.0	0.0	389
93	B00R_037_025ad	0.125 0.0	0.125 0.0	0.125 0.0	0.125 0.0	27.0	0.9	32.3	0.9	0.966	1.0	0.0	389
94	B00R_050_037ad	0.125 0.0	0.125 0.0	0.125 0.0	0.125 0.0	27.0	0.9	32.3	0.9	0.966	1.0	0.0	389
95	B00R_075_062ad	0.125 0.0	0.125 0.0	0.125 0.0	0.125 0.0	27.0	0.9	32.3	0.9	0.966	1.0	0.0	389
96	B00R_075_062ad	0.125 0.0	0.125 0.0	0.125 0.0	0.125 0.0	27.0	0.9	32.3	0.9	0.966	1.0	0.0	389
97	B00R_087_075ad	0.125 0.0	0.125 0.0	0.125 0.0	0.125 0.0	27.0	0.9	32.3	0.9	0.966	1.0	0.0	389
98	B00R_100_087ad	0.125 0.0	0.125 0.0	0.125 0.0	0.125 0.0	27.0	0.9	32.3	0.9	0.966	1.0	0.0	389
99	Y50G_025_025ad	0.125 0.0	0.125 0.0	0.125 0.0	0.125 0.0	27.0	0.9	32.3	0.9	0.966	1.0	0.0	389
100	G00B_025_012ad	0.125 0.0	0.125 0.0	0.125 0.0	0.125 0.0	27.0	0.9	32.3	0.9	0.966	1.0	0.0	389
101	G50B_037_025ad	0.125 0.0	0.125 0.0	0.125 0.0	0.125 0.0	27.0	0.9	32.3	0.9	0.966	1.0	0.0	389
102	G50B_037_025ad	0.125 0.0	0.125 0.0	0.125 0.0	0.125 0.0	27.0	0.9	32.3	0.9	0.966	1.0	0.0	389
103	G64B_060_037ad	0.125 0.0	0.125 0.0	0.125 0.0	0.125 0.0	27.0	0.9	32.3	0.9	0.966	1.0	0.0	389
104	G68B_060_037ad	0.125 0.0	0.125 0.0	0.125 0.0	0.125 0.0	27.0	0.9	32.3	0.9	0.966	1.0	0.0	389
105	G90B_075_062ad	0.125 0.0	0.125 0.0	0.125 0.0	0.125 0.0	27.0	0.9	32.3	0.9	0			



entrada: *rgb/cmyk* -> *rgb*_{dd}
salida: 3D-linealización a *cmv0**_{dd}

http://130.149.60.45/~farbmetrik/QS47/QS47L0FP.PDF /PS; 3D-linealización
F: 3D-linealización QS47/QS47L30FP.DAT en archivo (F), página 29/33

TUB matrícula: 20130201-QS47/QS47L0FP.PDF /PS TUB material: code=rha4ta
aplicación para la medida salida en la impresión offset, separación cmy0* (CMY0)

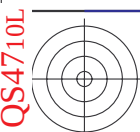
n	HVC*Fid	rgb_Fid	icr_Fid	hsa_Fid	rgb*Fid	LabCH*Fid	cmym*sep_Fid	delta	hsa_Mid	rgb_Mid	LabCH*Mid	cmym*sep_Mid	delta
729	NW_100ad	0.875	1.0	1.0	1.0	95.6	0.0	0.0	360	1.0	95.6	0.0	0.0
730	G50B_100.012ad	0.875	1.0	1.0	0.875	95.6	0.0	0.0	210	1.0	95.6	0.0	0.0
731	G50B_100.025ad	0.875	1.0	1.0	0.875	95.6	0.0	0.0	210	1.0	95.6	0.0	0.0
732	G50B_100.037ad	0.875	1.0	1.0	0.875	95.6	0.0	0.0	210	1.0	95.6	0.0	0.0
733	G50B_100.050ad	0.875	1.0	1.0	0.875	95.6	0.0	0.0	210	1.0	95.6	0.0	0.0
734	G50B_100.062ad	0.875	1.0	1.0	0.875	95.6	0.0	0.0	210	1.0	95.6	0.0	0.0
735	G50B_100.075ad	0.875	1.0	1.0	0.875	95.6	0.0	0.0	210	1.0	95.6	0.0	0.0
736	G50B_100.087ad	0.875	1.0	1.0	0.875	95.6	0.0	0.0	210	1.0	95.6	0.0	0.0
737	G50B_100.100ad	0.875	1.0	1.0	0.875	95.6	0.0	0.0	210	1.0	95.6	0.0	0.0
738	ROY_100.012ad	0.875	1.0	1.0	0.875	95.6	0.0	0.0	360	1.0	95.6	0.0	0.0
739	ROY_100.025ad	0.875	1.0	1.0	0.875	95.6	0.0	0.0	360	1.0	95.6	0.0	0.0
740	ROY_100.037ad	0.875	1.0	1.0	0.875	95.6	0.0	0.0	360	1.0	95.6	0.0	0.0
741	ROY_100.050ad	0.875	1.0	1.0	0.875	95.6	0.0	0.0	360	1.0	95.6	0.0	0.0
742	ROY_100.062ad	0.875	1.0	1.0	0.875	95.6	0.0	0.0	360	1.0	95.6	0.0	0.0
743	ROY_100.075ad	0.875	1.0	1.0	0.875	95.6	0.0	0.0	360	1.0	95.6	0.0	0.0
744	ROY_100.087ad	0.875	1.0	1.0	0.875	95.6	0.0	0.0	360	1.0	95.6	0.0	0.0
745	ROY_100.100ad	0.875	1.0	1.0	0.875	95.6	0.0	0.0	360	1.0	95.6	0.0	0.0
746	ROY_100.012ad	0.875	1.0	1.0	0.875	95.6	0.0	0.0	360	1.0	95.6	0.0	0.0
747	ROY_100.025ad	0.875	1.0	1.0	0.875	95.6	0.0	0.0	360	1.0	95.6	0.0	0.0
748	ROY_100.037ad	0.875	1.0	1.0	0.875	95.6	0.0	0.0	360	1.0	95.6	0.0	0.0
749	ROY_100.050ad	0.875	1.0	1.0	0.875	95.6	0.0	0.0	360	1.0	95.6	0.0	0.0
750	ROY_100.062ad	0.875	1.0	1.0	0.875	95.6	0.0	0.0	360	1.0	95.6	0.0	0.0
751	ROY_100.075ad	0.875	1.0	1.0	0.875	95.6	0.0	0.0	360	1.0	95.6	0.0	0.0
752	ROY_100.087ad	0.875	1.0	1.0	0.875	95.6	0.0	0.0	360	1.0	95.6	0.0	0.0
753	ROY_100.100ad	0.875	1.0	1.0	0.875	95.6	0.0	0.0	360	1.0	95.6	0.0	0.0
754	ROY_100.012ad	0.875	1.0	1.0	0.875	95.6	0.0	0.0	360	1.0	95.6	0.0	0.0
755	ROY_100.025ad	0.875	1.0	1.0	0.875	95.6	0.0	0.0	360	1.0	95.6	0.0	0.0
756	ROY_100.037ad	0.875	1.0	1.0	0.875	95.6	0.0	0.0	360	1.0	95.6	0.0	0.0
757	ROY_100.050ad	0.875	1.0	1.0	0.875	95.6	0.0	0.0	360	1.0	95.6	0.0	0.0
758	ROY_100.062ad	0.875	1.0	1.0	0.875	95.6	0.0	0.0	360	1.0	95.6	0.0	0.0
759	ROY_100.075ad	0.875	1.0	1.0	0.875	95.6	0.0	0.0	360	1.0	95.6	0.0	0.0
760	ROY_100.087ad	0.875	1.0	1.0	0.875	95.6	0.0	0.0	360	1.0	95.6	0.0	0.0
761	ROY_100.100ad	0.875	1.0	1.0	0.875	95.6	0.0	0.0	360	1.0	95.6	0.0	0.0
762	ROY_100.012ad	0.875	1.0	1.0	0.875	95.6	0.0	0.0	360	1.0	95.6	0.0	0.0
763	ROY_100.025ad	0.875	1.0	1.0	0.875	95.6	0.0	0.0	360	1.0	95.6	0.0	0.0
764	ROY_100.037ad	0.875	1.0	1.0	0.875	95.6	0.0	0.0	360	1.0	95.6	0.0	0.0
765	ROY_100.050ad	0.875	1.0	1.0	0.875	95.6	0.0	0.0	360	1.0	95.6	0.0	0.0
766	ROY_100.062ad	0.875	1.0	1.0	0.875	95.6	0.0	0.0	360	1.0	95.6	0.0	0.0
767	ROY_100.075ad	0.875	1.0	1.0	0.875	95.6	0.0	0.0	360	1.0	95.6	0.0	0.0
768	ROY_100.087ad	0.875	1.0	1.0	0.875	95.6	0.0	0.0	360	1.0	95.6	0.0	0.0
769	ROY_100.100ad	0.875	1.0	1.0	0.875	95.6	0.0	0.0	360	1.0	95.6	0.0	0.0
770	ROY_100.012ad	0.875	1.0	1.0	0.875	95.6	0.0	0.0	360	1.0	95.6	0.0	0.0
771	ROY_100.025ad	0.875	1.0	1.0	0.875	95.6	0.0	0.0	360	1.0	95.6	0.0	0.0
772	ROY_100.037ad	0.875	1.0	1.0	0.875	95.6	0.0	0.0	360	1.0	95.6	0.0	0.0
773	ROY_100.050ad	0.875	1.0	1.0	0.875	95.6	0.0	0.0	360	1.0	95.6	0.0	0.0
774	ROY_100.062ad	0.875	1.0	1.0	0.875	95.6	0.0	0.0	360	1.0	95.6	0.0	0.0
775	ROY_100.075ad	0.875	1.0	1.0	0.875	95.6	0.0	0.0	360	1.0	95.6	0.0	0.0
776	ROY_100.087ad	0.875	1.0	1.0	0.875	95.6	0.0	0.0	360	1.0	95.6	0.0	0.0
777	ROY_100.100ad	0.875	1.0	1.0	0.875	95.6	0.0	0.0	360	1.0	95.6	0.0	0.0
778	ROY_100.012ad	0.875	1.0	1.0	0.875	95.6	0.0	0.0	360	1.0	95.6	0.0	0.0
779	ROY_100.025ad	0.875	1.0	1.0	0.875	95.6	0.0	0.0	360	1.0	95.6	0.0	0.0
780	ROY_100.037ad	0.875	1.0	1.0	0.875	95.6	0.0	0.0	360	1.0	95.6	0.0	0.0
781	ROY_100.050ad	0.875	1.0	1.0	0.875	95.6	0.0	0.0	360	1.0	95.6	0.0	0.0
782	ROY_100.062ad	0.875	1.0	1.0	0.875	95.6	0.0	0.0	360	1.0	95.6	0.0	0.0
783	ROY_100.075ad	0.875	1.0	1.0	0.875	95.6	0.0	0.0	360	1.0	95.6	0.0	0.0
784	ROY_100.087ad	0.875	1.0	1.0	0.875	95.6	0.0	0.0	360	1.0	95.6	0.0	0.0
785	ROY_100.100ad	0.875	1.0	1.0	0.875	95.6	0.0	0.0	360	1.0	95.6	0.0	0.0
786	ROY_100.012ad	0.875	1.0	1.0	0.875	95.6	0.0	0.0	360	1.0	95.6	0.0	0.0
787	ROY_100.025ad	0.875	1.0	1.0	0.875	95.6	0.0	0.0	360	1.0	95.6	0.0	0.0
788	ROY_100.037ad	0.875	1.0	1.0	0.875	95.6	0.0	0.0	360	1.0	95.6	0.0	0.0
789	ROY_100.050ad	0.875	1.0	1.0	0.875	95.6	0.0	0.0	360	1.0	95.6	0.0	0.0
790	ROY_100.062ad	0.875	1.0	1.0	0.875	95.6	0.0	0.0	360	1.0	95.6	0.0	0.0
791	ROY_100.075ad	0.875	1.0	1.0	0.875	95.6	0.0	0.0	360	1.0	95.6	0.0	0.0
792	ROY_100.087ad	0.875	1.0	1.0	0.875	95.6	0.0	0.0	360	1.0	95.6	0.0	0.0
793	ROY_100.100ad	0.875	1.0	1.0	0.875	95.6	0.0	0.0	360	1.0	95.6	0.0	0.0
794	ROY_100.012ad	0.875	1.0	1.0	0.875	95.6	0.0	0.0	360	1.0	95.6	0.0	0.0
795	ROY_100.025ad	0.875	1.0	1.0	0.875	95.6	0.0	0.0	360	1.0	95.6	0.0	0.0
796	ROY_100.037ad	0.875	1.0	1.0	0.875	95.6	0.0	0.0	360	1.0	95.6	0.0	0.0
797	ROY_100.050ad	0.875	1.0	1.0	0.875	95.6	0.0	0.0	360	1.0	95.6	0.0	0.0
798	ROY_100.062ad	0.875	1.0	1.0	0.875	95.6	0.0	0.0	360	1.0	95.6	0.0	0.0
799	ROY_100.075ad	0.875	1.0	1.0	0.875	95.6	0.0	0.0	360	1.0	95.6	0.0	0.0
800	ROY_100.087ad	0.875	1.0	1.0	0.875	95.6	0.0	0.0	360	1.0	95.6	0.0	0.0
801	ROY_100.100ad	0.875	1.0	1.0	0.875	95.6	0.0	0.0	360	1.0	95.6	0.0	0.0
802	ROY_100.012ad	0.875	1.0	1.0	0.875	95.6	0.0	0.0	360	1.0	95.6	0.0	0.0
803	ROY_100.025ad	0.875	1.0	1.0	0.875	95.6	0.0	0.0	360	1.0	95.6	0.0	0.0
804	ROY_100.037ad	0.875	1.0	1.0	0.875	95.6	0.0	0.0	360	1.0	95.6	0.0	0.0
805	ROY_100.050ad	0.875	1.0	1.0	0.875	95.6	0.0	0.0	360	1.0	95.6	0.0	0.0
806	ROY_100.062ad	0.875	1.0	1.0	0.875	95.6	0.0	0.0	360	1.0	95.6	0.0	0.0
807	ROY_100.075ad	0.875	1.0	1.0	0.875	95.6	0.0	0.0	360	1.0	95.6	0.0	0.0
808	ROY_100.087ad	0.875	1.0	1.0	0.875	95.6	0.0	0.0	360	1.0	95.6	0.0	0.0
809	ROY_100.100ad	0.875	1.0	1.0	0.875	95.6	0.0	0.0	360	1.0	95.6	0.0	0.0

entrada: rgb/cmyk -> rgbd
salida: 3D-linealización a cmy0*dd

QS470-7N, 29/33-F

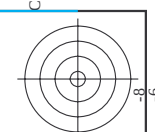
gráfico TUB-QS47; código de tono: H*d=Y25Gd
colores y diferencia en color, ΔE*

vea archivos semejantes: http://130.149.60.45/~farbmetrik/QS47/QS47.HTM
información técnica: http://www.ps.bam.de o http://130.149.60.45/~farbmetrik



TUB matrícula: 20130201-QS47/QS47L0FP.PDF /.PS
aplicación para la medida salida en la impresión offset, separación cmy0* (CMY0)

TUB material: code=rha4ta

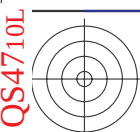


http://130.149.60.45/~farbmetrik/QS47/QS47L0FP.PDF /.PS; 3D-linealización
F: 3D-linealización QS47/QS47L30FP.DAT en archivo (F), página 31/33

gráfico TUB-QS47; código de tono: H*d=Y25Gd
colores y diferencia en color, ΔE^*

entrada: rgb/cmyk -> rgbd
salida: 3D-linealización a cmy0*dd

n	HVC-Fid	rgb-Fid	icr-Fid	hsa-Fid	rgb*Fid	LabC*Fid	cmyk*Fid	cmyn*Fid	delta	rgb*Mid	hsaMid	LabC*Mid	0.0	0.0	0.0
891	NW_100ad	1.0	1.0	1.0	1.0	95.6	0.0	0.0	0.0	1.0	360	95.6	0.0	0.0	0.0
892	B50R_100.012ad	0.875	1.0	0.875	1.0	89.4	9.9	0.0	0.0	1.0	330	46.1	79.3	-0.2	79.3
893	B50R_100.025ad	0.75	1.0	0.75	1.0	83.2	19.8	0.0	0.0	1.0	330	46.1	79.3	-0.2	79.3
894	B50R_100.037ad	0.625	1.0	0.625	1.0	77.0	29.7	0.0	0.0	1.0	330	46.1	79.3	-0.2	79.3
895	B50R_100.050ad	0.5	1.0	0.5	1.0	70.8	39.6	-0.1	39.6	1.0	330	46.1	79.3	-0.2	79.3
896	B50R_100.062ad	0.375	1.0	0.375	1.0	64.6	49.5	-0.1	49.5	1.0	330	46.1	79.3	-0.2	79.3
897	B50R_100.075ad	0.25	1.0	0.25	1.0	58.4	59.4	-0.1	59.4	1.0	330	46.1	79.3	-0.2	79.3
898	B50R_100.087ad	0.125	1.0	0.125	1.0	52.3	69.4	-0.1	69.4	1.0	330	46.1	79.3	-0.2	79.3
899	B50R_100.100ad	0.0	1.0	0.0	1.0	46.1	79.3	-0.2	79.3	1.0	330	46.1	79.3	-0.2	79.3
900	GOB_100.012ad	0.875	1.0	0.875	1.0	89.4	9.9	0.0	0.0	1.0	330	46.1	79.3	-0.2	79.3
901	NW_087ad	0.875	1.0	0.875	1.0	89.4	9.9	0.0	0.0	1.0	330	46.1	79.3	-0.2	79.3
902	B50R_087.012ad	0.875	1.0	0.875	1.0	89.4	9.9	0.0	0.0	1.0	330	46.1	79.3	-0.2	79.3
903	B50R_087.025ad	0.875	1.0	0.875	1.0	89.4	9.9	0.0	0.0	1.0	330	46.1	79.3	-0.2	79.3
904	B50R_087.037ad	0.875	1.0	0.875	1.0	89.4	9.9	0.0	0.0	1.0	330	46.1	79.3	-0.2	79.3
905	B50R_087.050ad	0.875	1.0	0.875	1.0	89.4	9.9	0.0	0.0	1.0	330	46.1	79.3	-0.2	79.3
906	B50R_087.062ad	0.875	1.0	0.875	1.0	89.4	9.9	0.0	0.0	1.0	330	46.1	79.3	-0.2	79.3
907	B50R_087.075ad	0.875	1.0	0.875	1.0	89.4	9.9	0.0	0.0	1.0	330	46.1	79.3	-0.2	79.3
908	B50R_087.100ad	0.875	1.0	0.875	1.0	89.4	9.9	0.0	0.0	1.0	330	46.1	79.3	-0.2	79.3
909	GOB_100.025ad	0.75	1.0	0.75	1.0	83.2	19.8	0.0	0.0	1.0	330	46.1	79.3	-0.2	79.3
910	GOB_100.037ad	0.625	1.0	0.625	1.0	77.0	29.7	0.0	0.0	1.0	330	46.1	79.3	-0.2	79.3
911	NW_075ad	0.75	1.0	0.75	1.0	77.0	29.7	0.0	0.0	1.0	330	46.1	79.3	-0.2	79.3
912	B50R_075.012ad	0.75	1.0	0.75	1.0	77.0	29.7	0.0	0.0	1.0	330	46.1	79.3	-0.2	79.3
913	B50R_075.025ad	0.75	1.0	0.75	1.0	77.0	29.7	0.0	0.0	1.0	330	46.1	79.3	-0.2	79.3
914	B50R_075.037ad	0.75	1.0	0.75	1.0	77.0	29.7	0.0	0.0	1.0	330	46.1	79.3	-0.2	79.3
915	B50R_075.050ad	0.75	1.0	0.75	1.0	77.0	29.7	0.0	0.0	1.0	330	46.1	79.3	-0.2	79.3
916	B50R_075.062ad	0.75	1.0	0.75	1.0	77.0	29.7	0.0	0.0	1.0	330	46.1	79.3	-0.2	79.3
917	B50R_075.075ad	0.75	1.0	0.75	1.0	77.0	29.7	0.0	0.0	1.0	330	46.1	79.3	-0.2	79.3
918	GOB_100.037ad	0.625	1.0	0.625	1.0	77.0	29.7	0.0	0.0	1.0	330	46.1	79.3	-0.2	79.3
919	GOB_100.050ad	0.5	1.0	0.5	1.0	70.8	39.6	-0.1	39.6	1.0	330	46.1	79.3	-0.2	79.3
920	GOB_075.012ad	0.625	1.0	0.625	1.0	77.0	29.7	0.0	0.0	1.0	330	46.1	79.3	-0.2	79.3
921	GOB_075.025ad	0.625	1.0	0.625	1.0	77.0	29.7	0.0	0.0	1.0	330	46.1	79.3	-0.2	79.3
922	B50R_062.012ad	0.625	1.0	0.625	1.0	77.0	29.7	0.0	0.0	1.0	330	46.1	79.3	-0.2	79.3
923	B50R_062.025ad	0.625	1.0	0.625	1.0	77.0	29.7	0.0	0.0	1.0	330	46.1	79.3	-0.2	79.3
924	B50R_062.037ad	0.625	1.0	0.625	1.0	77.0	29.7	0.0	0.0	1.0	330	46.1	79.3	-0.2	79.3
925	B50R_062.050ad	0.625	1.0	0.625	1.0	77.0	29.7	0.0	0.0	1.0	330	46.1	79.3	-0.2	79.3
926	B50R_062.062ad	0.625	1.0	0.625	1.0	77.0	29.7	0.0	0.0	1.0	330	46.1	79.3	-0.2	79.3
927	GOB_100.050ad	0.5	1.0	0.5	1.0	70.8	39.6	-0.1	39.6	1.0	330	46.1	79.3	-0.2	79.3
928	GOB_087.037ad	0.5	1.0	0.5	1.0	70.8	39.6	-0.1	39.6	1.0	330	46.1	79.3	-0.2	79.3
929	GOB_075.025ad	0.5	1.0	0.5	1.0	70.8	39.6	-0.1	39.6	1.0	330	46.1	79.3	-0.2	79.3
930	GOB_062.012ad	0.5	1.0	0.5	1.0	70.8	39.6	-0.1	39.6	1.0	330	46.1	79.3	-0.2	79.3
931	NW_050ad	0.5	1.0	0.5	1.0	70.8	39.6	-0.1	39.6	1.0	330	46.1	79.3	-0.2	79.3
932	B50R_050.012ad	0.5	1.0	0.5	1.0	70.8	39.6	-0.1	39.6	1.0	330	46.1	79.3	-0.2	79.3
933	B50R_050.025ad	0.5	1.0	0.5	1.0	70.8	39.6	-0.1	39.6	1.0	330	46.1	79.3	-0.2	79.3
934	B50R_050.037ad	0.5	1.0	0.5	1.0	70.8	39.6	-0.1	39.6	1.0	330	46.1	79.3	-0.2	79.3
935	B50R_050.050ad	0.5	1.0	0.5	1.0	70.8	39.6	-0.1	39.6	1.0	330	46.1	79.3	-0.2	79.3
936	GOB_100.062ad	0.375	1.0	0.375	1.0	64.6	49.5	-0.1	49.5	1.0	330	46.1	79.3	-0.2	79.3
937	GOB_087.050ad	0.375	1.0	0.375	1.0	64.6	49.5	-0.1	49.5	1.0	330	46.1	79.3	-0.2	79.3
938	GOB_087.037ad	0.375	1.0	0.375	1.0	64.6	49.5	-0.1	49.5	1.0	330	46.1	79.3	-0.2	79.3
939	GOB_062.025ad	0.375	1.0	0.375	1.0	64.6	49.5	-0.1	49.5	1.0	330	46.1	79.3	-0.2	79.3
940	NW_037ad	0.375	1.0	0.375	1.0	64.6	49.5	-0.1	49.5	1.0	330	46.1	79.3	-0.2	79.3
941	B50R_037.012ad	0.375	1.0	0.375	1.0	64.6	49.5	-0.1	49.5	1.0	330	46.1	79.3	-0.2	79.3
942	B50R_037.025ad	0.375	1.0	0.375	1.0	64.6	49.5	-0.1	49.5	1.0	330	46.1	79.3	-0.2	79.3
943	B50R_037.037ad	0.375	1.0	0.375	1.0	64.6	49.5	-0.1	49.5	1.0	330	46.1	79.3	-0.2	79.3
944	B50R_037.050ad	0.375	1.0	0.375	1.0	64.6	49.5	-0.1	49.5	1.0	330	46.1	79.3	-0.2	79.3
945	GOB_100.075ad	0.25	1.0	0.25	1.0	58.4	59.4	-0.1	59.4	1.0	330	46.1	79.3	-0.2	79.3
946	GOB_062.062ad	0.25	1.0	0.25	1.0	58.4	59.4	-0.1	59.4	1.0	330	46.1	79.3	-0.2	79.3
947	GOB_062.037ad	0.25	1.0	0.25	1.0	58.4	59.4	-0.1	59.4	1.0	330	46.1	79.3	-0.2	79.3
948	GOB_050.025ad	0.25	1.0	0.25	1.0	58.4	59.4	-0.1	59.4	1.0	330	46.1	79.3	-0.2	79.3
949	GOB_050.037ad	0.25	1.0	0.25	1.0	58.4	59.4	-0.1	59.4	1.0	330	46.1	79.3	-0.2	79.3
950	GOB_037.012ad	0.25	1.0	0.25	1.0	58.4	59.4	-0.1	59.4	1.0	330	46.1	79.3	-0.2	79.3
951	NW_025ad	0.25	1.0	0.25	1.0	58.4	59.4	-0.1	59.4	1.0	330	46.1	79.3	-0.2	79.3
952	B50R_025.012ad	0.25	1.0	0.25	1.0	58.4	59.4	-0.1	59.4	1.0	330	46.1	79.3	-0.2	79.3
953	B50R_025.025ad	0.25	1.0	0.25	1.0	58.4	59.4	-0.1	59.4	1.0	330	46.1	79.3	-0.2	79.3
954	GOB_100.087ad	0.125	1.0	0.125	1.0	52.3	69.4	-0.1	69.4	1.0	330	46.1	79.3	-0.2	79.3
955	GOB_087.075ad	0.125	1.0	0.125	1.0	52.3	69.4	-0.1	69.4	1.0	330	46.1	79.3	-0.2	79.3
956	GOB_075.062ad	0.125	1.0	0.125	1.0	52.3	69.4	-0.1	69.4	1.0	330	46.1	79.3	-0.2	79.3
957	GOB_062.050ad	0.125	1.0	0.125	1.0	52.3	69.4	-0.1	69.4	1.0	330	46.1	79.3	-0.2	79.3
958	GOB_050.037ad	0.125	1.0	0.125	1.0	52.3	69.4	-0.1	69.4	1.0	330	46.1	79.3	-0.2	79.3
959	GOB_037.025ad	0.125	1.0	0.125	1.0	52.3	69.4	-0.1	69.4	1.0	330	46.1	79.3	-0.2	79.3
960	GOB_025.012ad	0.125	1.0	0.125	1.0	52.3	69.4	-0.1	69.4	1.0	330	46.1	79.3	-0.2	79.3
961	NW_012ad	0.125	1.0	0.125	1.0	52.3	69.4	-0.1	69.4	1.0	330	46.1	79.3	-0.2	79.3
962	B50R_012.012ad	0.125	1.0	0.125	1.0	52.3	69.4	-0.1	69.4	1.0	330	46.1	79.3	-0.2	79.3
963	GOB_100.100ad	0.0	1.0	0.0	1.0	46.1	79.3	-0.2	79.3	1.0	330	46.1	79.3	-0.2	79.3
964	GOB_087.087ad	0.0	1.0	0.0	1.0	46.1	79.3	-0.2	79.3	1.0	330	46.1	79.3	-0.2	79.3
965	GOB_075.075ad	0.0	1.0	0.0	1.0	46.1	79.3	-0.2	79.3	1.0	330	46.1	79.3	-0.2	79.3
966	GOB_062.062ad	0.0	1.0	0.0	1.0	46.1	79.3	-0.2	79.3	1.0	330	46.1	79.3	-0.2	79.3
967	GOB_050.050ad	0.0	1.0	0.0	1.0	46.1	79.3	-0.2	79.3	1.0	330	46.1	79.3	-0.2	79.3
968	GOB_037.037ad	0.0	1.0	0.0	1.0	46.1	79.3	-0.2	79.3	1.0	330	46.1	79.3	-0.2	79.3
969	GOB_025.025ad	0.0	1.0	0.0	1.0	46.1	79.3	-0.2							

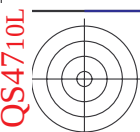


n	HVC-Fid	rgb-Fid	icr-Fid	hsa-Fid	rgb*Fid	LabCH*Fid	cmy0*sep-Fid	rgb*Fid	hsa*id	LabCH*Fid	delta
972	NW 000ad	0.0	0.0	0.0	0.0	24.3	0.0	0.0	360	0.0	0.0
973	NW 012ad	0.125	0.125	0.125	0.125	33.2	0.0	0.0	360	1.0	1.0
974	NW 025ad	0.25	0.25	0.25	0.25	42.1	0.0	0.0	360	1.0	1.0
975	NW 037ad	0.375	0.375	0.375	0.375	51.0	0.0	0.0	360	1.0	1.0
976	NW 050ad	0.5	0.5	0.5	0.5	60.0	0.0	0.0	360	1.0	1.0
977	NW 062ad	0.625	0.625	0.625	0.625	68.9	0.0	0.0	360	1.0	1.0
978	NW 075ad	0.75	0.75	0.75	0.75	77.8	0.0	0.0	360	1.0	1.0
979	NW 087ad	0.875	0.875	0.875	0.875	86.7	0.0	0.0	360	1.0	1.0
980	NW 100ad	1.0	1.0	1.0	1.0	95.6	0.0	0.0	360	1.0	1.0
981	NW 000ad	0.0	0.0	0.0	0.0	24.3	0.0	0.0	360	1.0	1.0
982	NW 012ad	0.125	0.125	0.125	0.125	33.2	0.0	0.0	360	1.0	1.0
983	NW 025ad	0.25	0.25	0.25	0.25	42.1	0.0	0.0	360	1.0	1.0
984	NW 037ad	0.375	0.375	0.375	0.375	51.0	0.0	0.0	360	1.0	1.0
985	NW 050ad	0.5	0.5	0.5	0.5	60.0	0.0	0.0	360	1.0	1.0
986	NW 062ad	0.625	0.625	0.625	0.625	68.9	0.0	0.0	360	1.0	1.0
987	NW 075ad	0.75	0.75	0.75	0.75	77.8	0.0	0.0	360	1.0	1.0
988	NW 087ad	0.875	0.875	0.875	0.875	86.7	0.0	0.0	360	1.0	1.0
989	NW 100ad	1.0	1.0	1.0	1.0	95.6	0.0	0.0	360	1.0	1.0
990	NW 000ad	0.0	0.0	0.0	0.0	24.3	0.0	0.0	360	1.0	1.0
991	NW 012ad	0.125	0.125	0.125	0.125	33.2	0.0	0.0	360	1.0	1.0
992	NW 025ad	0.25	0.25	0.25	0.25	42.1	0.0	0.0	360	1.0	1.0
993	NW 037ad	0.375	0.375	0.375	0.375	51.0	0.0	0.0	360	1.0	1.0
994	NW 050ad	0.5	0.5	0.5	0.5	60.0	0.0	0.0	360	1.0	1.0
995	NW 062ad	0.625	0.625	0.625	0.625	68.9	0.0	0.0	360	1.0	1.0
996	NW 075ad	0.75	0.75	0.75	0.75	77.8	0.0	0.0	360	1.0	1.0
997	NW 087ad	0.875	0.875	0.875	0.875	86.7	0.0	0.0	360	1.0	1.0
998	NW 100ad	1.0	1.0	1.0	1.0	95.6	0.0	0.0	360	1.0	1.0
999	NW 000ad	0.0	0.0	0.0	0.0	24.3	0.0	0.0	360	1.0	1.0
1000	NW 012ad	0.125	0.125	0.125	0.125	33.2	0.0	0.0	360	1.0	1.0
1001	NW 025ad	0.25	0.25	0.25	0.25	42.1	0.0	0.0	360	1.0	1.0
1002	NW 037ad	0.375	0.375	0.375	0.375	51.0	0.0	0.0	360	1.0	1.0
1003	NW 050ad	0.5	0.5	0.5	0.5	60.0	0.0	0.0	360	1.0	1.0
1004	NW 062ad	0.625	0.625	0.625	0.625	68.9	0.0	0.0	360	1.0	1.0
1005	NW 075ad	0.75	0.75	0.75	0.75	77.8	0.0	0.0	360	1.0	1.0
1006	NW 087ad	0.875	0.875	0.875	0.875	86.7	0.0	0.0	360	1.0	1.0
1007	NW 100ad	1.0	1.0	1.0	1.0	95.6	0.0	0.0	360	1.0	1.0
1008	NW 000ad	0.0	0.0	0.0	0.0	24.3	0.0	0.0	360	1.0	1.0
1009	NW 006ad	0.066	0.066	0.066	0.066	29.0	0.0	0.0	360	1.0	1.0
1010	NW 013ad	0.133	0.133	0.133	0.133	33.8	0.0	0.0	360	1.0	1.0
1011	NW 020ad	0.2	0.2	0.2	0.2	38.6	0.0	0.0	360	1.0	1.0
1012	NW 026ad	0.266	0.266	0.266	0.266	43.3	0.0	0.0	360	1.0	1.0
1013	NW 033ad	0.333	0.333	0.333	0.333	48.1	0.0	0.0	360	1.0	1.0
1014	NW 040ad	0.4	0.4	0.4	0.4	52.8	0.0	0.0	360	1.0	1.0
1015	NW 046ad	0.466	0.466	0.466	0.466	57.5	0.0	0.0	360	1.0	1.0
1016	NW 053ad	0.533	0.533	0.533	0.533	62.3	0.0	0.0	360	1.0	1.0
1017	NW 060ad	0.6	0.6	0.6	0.6	67.1	0.0	0.0	360	1.0	1.0
1018	NW 066ad	0.666	0.666	0.666	0.666	71.8	0.0	0.0	360	1.0	1.0
1019	NW 073ad	0.734	0.734	0.734	0.734	76.6	0.0	0.0	360	1.0	1.0
1020	NW 080ad	0.8	0.8	0.8	0.8	81.3	0.0	0.0	360	1.0	1.0
1021	NW 086ad	0.866	0.866	0.866	0.866	86.0	0.0	0.0	360	1.0	1.0
1022	NW 093ad	0.933	0.933	0.933	0.933	90.8	0.0	0.0	360	1.0	1.0
1023	NW 100ad	1.0	1.0	1.0	1.0	95.6	0.0	0.0	360	1.0	1.0
1024	NW 000ad	0.0	0.0	0.0	0.0	24.3	0.0	0.0	360	1.0	1.0
1025	NW 006ad	0.066	0.066	0.066	0.066	29.0	0.0	0.0	360	1.0	1.0
1026	NW 013ad	0.133	0.133	0.133	0.133	33.8	0.0	0.0	360	1.0	1.0
1027	NW 020ad	0.2	0.2	0.2	0.2	38.6	0.0	0.0	360	1.0	1.0
1028	NW 026ad	0.266	0.266	0.266	0.266	43.3	0.0	0.0	360	1.0	1.0
1029	NW 033ad	0.333	0.333	0.333	0.333	48.1	0.0	0.0	360	1.0	1.0
1030	NW 040ad	0.4	0.4	0.4	0.4	52.8	0.0	0.0	360	1.0	1.0
1031	NW 046ad	0.466	0.466	0.466	0.466	57.5	0.0	0.0	360	1.0	1.0
1032	NW 053ad	0.533	0.533	0.533	0.533	62.3	0.0	0.0	360	1.0	1.0
1033	NW 060ad	0.6	0.6	0.6	0.6	67.1	0.0	0.0	360	1.0	1.0
1034	NW 066ad	0.666	0.666	0.666	0.666	71.8	0.0	0.0	360	1.0	1.0
1035	NW 073ad	0.734	0.734	0.734	0.734	76.6	0.0	0.0	360	1.0	1.0
1036	NW 080ad	0.8	0.8	0.8	0.8	81.3	0.0	0.0	360	1.0	1.0
1037	NW 086ad	0.866	0.866	0.866	0.866	86.0	0.0	0.0	360	1.0	1.0
1038	NW 093ad	0.933	0.933	0.933	0.933	90.8	0.0	0.0	360	1.0	1.0
1039	NW 100ad	1.0	1.0	1.0	1.0	95.6	0.0	0.0	360	1.0	1.0
1040	NW 000ad	0.0	0.0	0.0	0.0	24.3	0.0	0.0	360	1.0	1.0
1041	NW 006ad	0.066	0.066	0.066	0.066	29.0	0.0	0.0	360	1.0	1.0
1042	NW 013ad	0.133	0.133	0.133	0.133	33.8	0.0	0.0	360	1.0	1.0
1043	NW 020ad	0.2	0.2	0.2	0.2	38.6	0.0	0.0	360	1.0	1.0
1044	NW 026ad	0.266	0.266	0.266	0.266	43.3	0.0	0.0	360	1.0	1.0
1045	NW 033ad	0.333	0.333	0.333	0.333	48.1	0.0	0.0	360	1.0	1.0
1046	NW 040ad	0.4	0.4	0.4	0.4	52.8	0.0	0.0	360	1.0	1.0
1047	NW 046ad	0.466	0.466	0.466	0.466	57.5	0.0	0.0	360	1.0	1.0
1048	NW 053ad	0.533	0.533	0.533	0.533	62.3	0.0	0.0	360	1.0	1.0
1049	NW 060ad	0.6	0.6	0.6	0.6	67.1	0.0	0.0	360	1.0	1.0
1050	NW 066ad	0.666	0.666	0.666	0.666	71.8	0.0	0.0	360	1.0	1.0
1051	NW 073ad	0.734	0.734	0.734	0.734	76.6	0.0	0.0	360	1.0	1.0
1052	NW 080ad	0.8	0.8	0.8	0.8	81.3	0.0	0.0	360	1.0	1.0



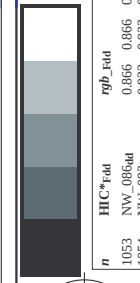
entrada: *rgb/cmyk* -> *rgbd*
salida: 3D-linealización a *cmy0**dd

gráfico TUB-QS47; código de tono: H*d=Y25Gd
colores y diferencia en color, ΔE^*

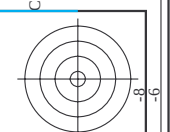


TUB matrícula: 20130201-QS47/QS47L0FP.PDF /.PS TUB material: code=rha4ta
aplicación para la medida salida en la impresión offset, separación cmy0* (CMY0)

http://130.149.60.45/~farbmetrik/QS47/QS47L0FP.PDF /.PS; 3D-linealización
F: 3D-linealización QS47/QS47L30FP.DAT en archivo (F), página 33/33



vea archivos semejantes: <http://130.149.60.45/~farbmetrik/QS47/QS47L0FP.PDF>
información técnica: <http://www.ps.bam.de> o <http://130.149.60.45/~farbmetrik>



n	HVC*Fid	rgb_Fid	lcr_Fid	hsa_Fid	rgb*Fid	LabCH*Fid	cmy0*_sep_Fid	0.099	0.0	delta	rgb*Mid	hsa_Mid	LabCH*Mid	0.0	0.0
1053	NW_086dd	0.866 0.866 0.866	0.866 0.866 0.866	0.866 0.866 0.866	0.866 0.866 0.866	86.6 86.6 86.6	0.173 0.108 0.099	0.009	0.0		1.0 1.0 1.0	360 360 360	95.6 95.6 95.6	0.0	0.0
1054	NW_093dd	0.933 0.933 0.933	0.933 0.933 0.933	0.933 0.933 0.933	0.933 0.933 0.933	93.3 93.3 93.3	0.09 0.054 0.0	0.05	0.0		1.0 1.0 1.0	360 360 360	95.6 95.6 95.6	0.0	0.0
1055	NW_100dd	1.0 1.0 1.0	1.0 1.0 1.0	1.0 1.0 1.0	1.0 1.0 1.0	100 100 100	1.0 1.0 1.0	1.0	0.0		1.0 1.0 1.0	360 360 360	95.6 95.6 95.6	0.0	0.0
1056	NW_006dd	0.066 0.066 0.066	0.066 0.066 0.066	0.066 0.066 0.066	0.066 0.066 0.066	6.6 6.6 6.6	0.935 0.855 0.825	0.0	0.0		1.0 1.0 1.0	360 360 360	95.6 95.6 95.6	0.0	0.0
1057	NW_013dd	0.133 0.133 0.133	0.133 0.133 0.133	0.133 0.133 0.133	0.133 0.133 0.133	13.3 13.3 13.3	0.879 0.763 0.725	0.0	0.0		1.0 1.0 1.0	360 360 360	95.6 95.6 95.6	0.0	0.0
1059	NW_026dd	0.266 0.266 0.266	0.266 0.266 0.266	0.266 0.266 0.266	0.266 0.266 0.266	26.6 26.6 26.6	0.799 0.661 0.614	0.0	0.0		1.0 1.0 1.0	360 360 360	95.6 95.6 95.6	0.0	0.0
1060	NW_033dd	0.333 0.333 0.333	0.333 0.333 0.333	0.333 0.333 0.333	0.333 0.333 0.333	33.3 33.3 33.3	0.731 0.571 0.537	0.0	0.0		1.0 1.0 1.0	360 360 360	95.6 95.6 95.6	0.0	0.0
1061	NW_040dd	0.4 0.4 0.4	0.4 0.4 0.4	0.4 0.4 0.4	0.4 0.4 0.4	40 40 40	0.682 0.507 0.485	0.0	0.0		1.0 1.0 1.0	360 360 360	95.6 95.6 95.6	0.0	0.0
1062	NW_046dd	0.466 0.466 0.466	0.466 0.466 0.466	0.466 0.466 0.466	0.466 0.466 0.466	46.6 46.6 46.6	0.636 0.454 0.433	0.0	0.0		1.0 1.0 1.0	360 360 360	95.6 95.6 95.6	0.0	0.0
1063	NW_053dd	0.533 0.533 0.533	0.533 0.533 0.533	0.533 0.533 0.533	0.533 0.533 0.533	53.3 53.3 53.3	0.574 0.404 0.381	0.0	0.0		1.0 1.0 1.0	360 360 360	95.6 95.6 95.6	0.0	0.0
1064	NW_053dd	0.533 0.533 0.533	0.533 0.533 0.533	0.533 0.533 0.533	0.533 0.533 0.533	53.3 53.3 53.3	0.509 0.354 0.33	0.0	0.0		1.0 1.0 1.0	360 360 360	95.6 95.6 95.6	0.0	0.0
1065	NW_060dd	0.6 0.6 0.6	0.6 0.6 0.6	0.6 0.6 0.6	0.6 0.6 0.6	60 60 60	0.442 0.285 0.278	0.0	0.0		1.0 1.0 1.0	360 360 360	95.6 95.6 95.6	0.0	0.0
1066	NW_066dd	0.666 0.666 0.666	0.666 0.666 0.666	0.666 0.666 0.666	0.666 0.666 0.666	66.6 66.6 66.6	0.377 0.228 0.228	0.0	0.0		1.0 1.0 1.0	360 360 360	95.6 95.6 95.6	0.0	0.0
1067	NW_073dd	0.734 0.734 0.734	0.734 0.734 0.734	0.734 0.734 0.734	0.734 0.734 0.734	73.4 73.4 73.4	0.314 0.191 0.186	0.0	0.0		1.0 1.0 1.0	360 360 360	95.6 95.6 95.6	0.0	0.0
1068	NW_080dd	0.8 0.8 0.8	0.8 0.8 0.8	0.8 0.8 0.8	0.8 0.8 0.8	80 80 80	0.252 0.153 0.146	0.0	0.0		1.0 1.0 1.0	360 360 360	95.6 95.6 95.6	0.0	0.0
1069	NW_086dd	0.866 0.866 0.866	0.866 0.866 0.866	0.866 0.866 0.866	0.866 0.866 0.866	86.6 86.6 86.6	0.173 0.108 0.099	0.0	0.0		1.0 1.0 1.0	360 360 360	95.6 95.6 95.6	0.0	0.0
1070	NW_093dd	0.933 0.933 0.933	0.933 0.933 0.933	0.933 0.933 0.933	0.933 0.933 0.933	93.3 93.3 93.3	0.09 0.054 0.0	0.009	0.0		1.0 1.0 1.0	360 360 360	95.6 95.6 95.6	0.0	0.0
1071	NW_100dd	1.0 1.0 1.0	1.0 1.0 1.0	1.0 1.0 1.0	1.0 1.0 1.0	100 100 100	1.0 1.0 1.0	1.0	0.0		1.0 1.0 1.0	360 360 360	95.6 95.6 95.6	0.0	0.0
1072	NW_000dd	0.0 0.0 0.0	0.0 0.0 0.0	0.0 0.0 0.0	0.0 0.0 0.0	0 0 0	0.0 0.0 0.0	0.0	0.0		1.0 1.0 1.0	360 360 360	95.6 95.6 95.6	0.0	0.0
1073	ROY_100_100dd	1.0 1.0 1.0	1.0 1.0 1.0	1.0 1.0 1.0	1.0 1.0 1.0	100 100 100	0.0 0.0 0.0	0.0	0.0		1.0 1.0 1.0	360 360 360	95.6 95.6 95.6	0.0	0.0
1074	ROY_100_100dd	1.0 1.0 1.0	1.0 1.0 1.0	1.0 1.0 1.0	1.0 1.0 1.0	100 100 100	0.0 0.0 0.0	0.0	0.0		1.0 1.0 1.0	360 360 360	95.6 95.6 95.6	0.0	0.0
1075	G50B_100_100dd	0.0 1.0 1.0	1.0 1.0 1.0	1.0 1.0 1.0	0.0 1.0 1.0	0 100 100	0.0 0.0 0.0	0.0	0.0		1.0 1.0 1.0	360 360 360	95.6 95.6 95.6	0.0	0.0
1076	Y06B_100_100dd	1.0 1.0 0.0	1.0 1.0 1.0	1.0 1.0 1.0	1.0 1.0 0.0	100 0 0	0.0 0.0 0.0	0.0	0.0		1.0 1.0 1.0	360 360 360	95.6 95.6 95.6	0.0	0.0
1077	B06B_100_100dd	0.0 1.0 1.0	1.0 1.0 1.0	1.0 1.0 1.0	0.0 1.0 1.0	0 100 100	0.0 0.0 0.0	0.0	0.0		1.0 1.0 1.0	360 360 360	95.6 95.6 95.6	0.0	0.0
1078	B06B_100_100dd	0.0 1.0 1.0	1.0 1.0 1.0	1.0 1.0 1.0	0.0 1.0 1.0	0 100 100	0.0 0.0 0.0	0.0	0.0		1.0 1.0 1.0	360 360 360	95.6 95.6 95.6	0.0	0.0
1079	B50B_100_100dd	0.0 1.0 1.0	1.0 1.0 1.0	1.0 1.0 1.0	0.0 1.0 1.0	0 100 100	0.0 0.0 0.0	0.0	0.0		1.0 1.0 1.0	360 360 360	95.6 95.6 95.6	0.0	0.0

entrada: rgb/cmyk -> rgbd
salida: 3D-linealización a cmy0*dd

gráfico TUB-QS47; código de tono: H*_d=Y25Gd
colores y diferencia en color, ΔE*