

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

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

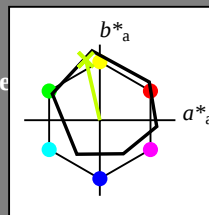
Datos del dispositivo (d) o elemental (e) color:

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

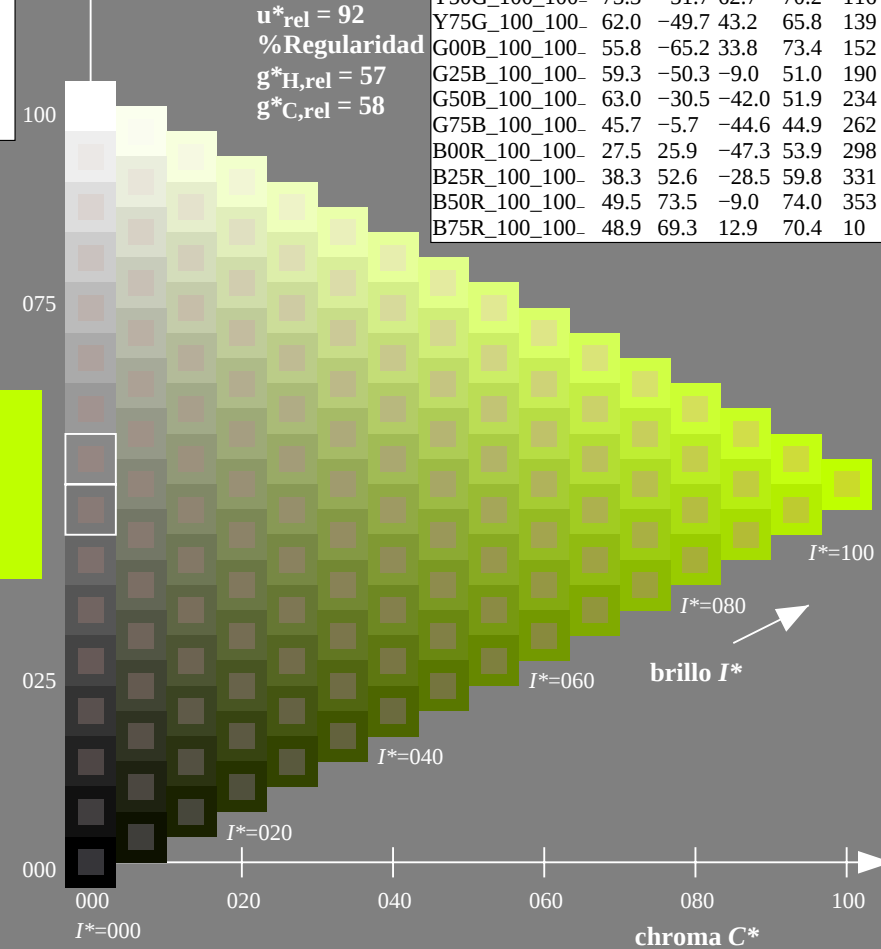
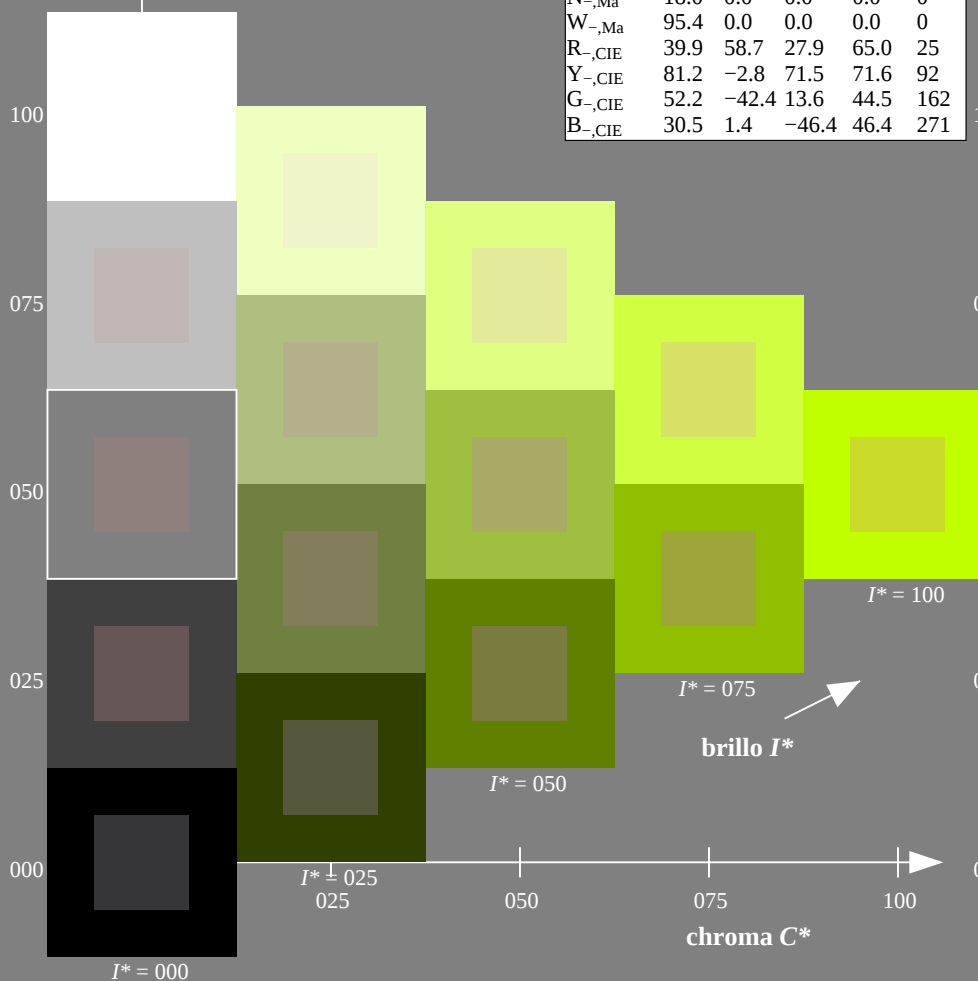


gráfico TUB-QS48; código de tono: $H^*_{-} = Y25G_{-}$
gráfico según a DIN 33872, 3D=0, de=1, cm_y0

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

Entrada i salida: Offset Reflective System ORS18a for relative CIELAB hue $h_{ab,a,rel} = h_{ab}/360 = 108/360 = 0.3$

$H^*_e = Y25G_e$

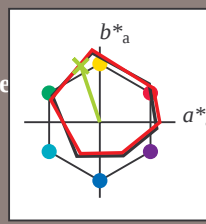
Datos del dispositivo (d) o elemental (e) color:

HIC^*_e

código de tono para les colore esta página:

$H^*_e = Y25G_e$

triángulo claridad T^*



ORS20a; datos adaptados CIELAB (a)

name	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
R_e, Ma	45.6	72.2	34.4	80.0	25
Y_e, Ma	83.6	-3.6	90.4	90.4	92
G_e, Ma	50.6	-62.1	19.9	65.2	162
C_e, Ma	55.0	-36.2	-27.2	45.3	216
B_e, Ma	40.2	1.2	-40.6	40.6	271
M_e, Ma	31.1	47.7	-29.1	55.9	328
N_e, Ma	24.3	0.0	0.0	0.0	0
W_e, Ma	95.6	0.0	0.0	0.0	0
R_e, CIE	39.9	58.7	27.9	65.0	25
Y_e, CIE	81.2	-2.8	71.5	71.6	92
G_e, CIE	52.2	-42.4	13.6	44.5	162
B_e, CIE	30.5	1.4	-46.4	46.4	271

Los datos de color máximo (Ma):

$LabCh^*_e, Ma$: 74 -25 74 78 108

HIC^*_e, Ma : Y25G_100_100_e

$rgbic^*_e, Ma$:

0.6 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^*_e	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
R00Y_100_100_e	45.6	72.2	34.4	80.0	25
R25Y_100_100_e	50.5	59.2	51.6	78.6	41
R50Y_100_100_e	60.2	38.2	63.4	74.1	58
R75Y_100_100_e	70.9	17.9	75.9	77.9	76
Y00G_100_100_e	83.6	-3.6	90.4	90.4	92
Y25G_100_100_e	74.5	-25.0	74.3	78.4	108
Y50G_100_100_e	62.6	-40.9	53.8	67.6	127
Y75G_100_100_e	54.1	-55.5	37.5	67.0	145
G00B_100_100_e	50.6	-62.1	19.9	65.2	162
G25B_100_100_e	53.0	-48.6	-8.2	49.2	189
G50B_100_100_e	55.0	-36.2	-27.2	45.3	216
G75B_100_100_e	53.3	-19.8	-41.3	45.9	244
B00R_100_100_e	40.2	1.2	-40.6	40.6	271
B25R_100_100_e	28.1	23.4	-40.3	46.7	300
B50R_100_100_e	31.1	47.7	-29.1	55.9	328
B75R_100_100_e	41.4	70.4	-9.8	71.1	352

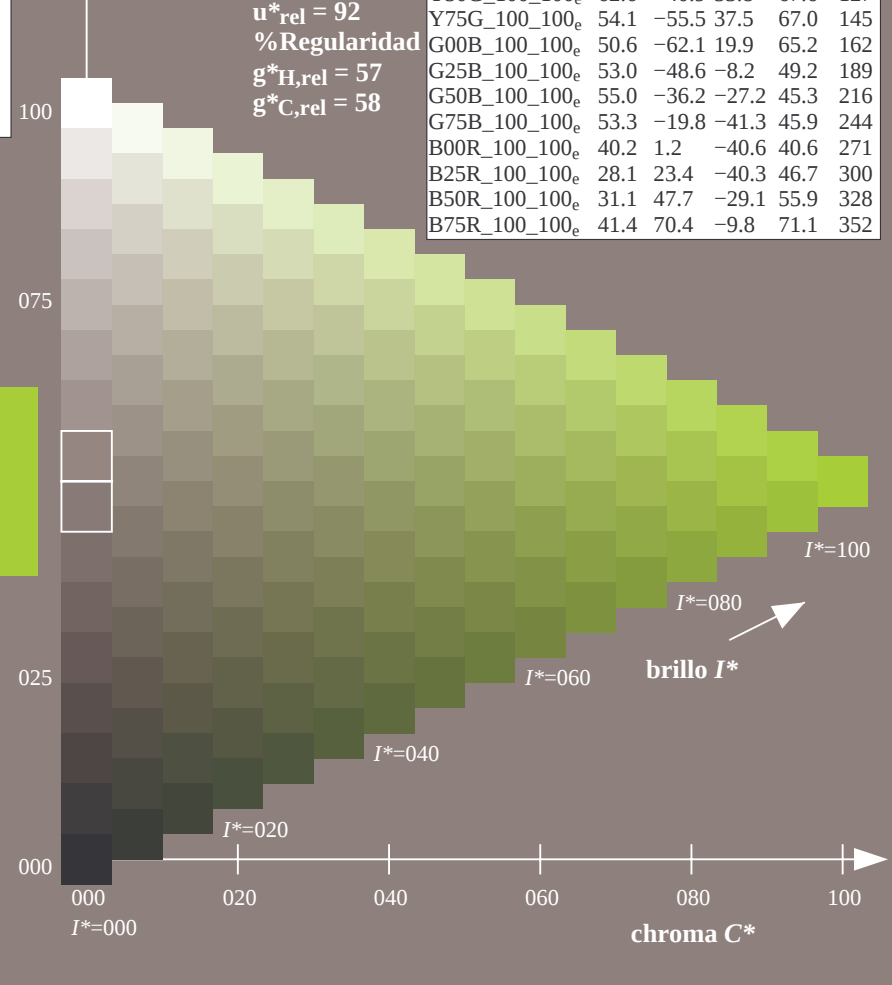
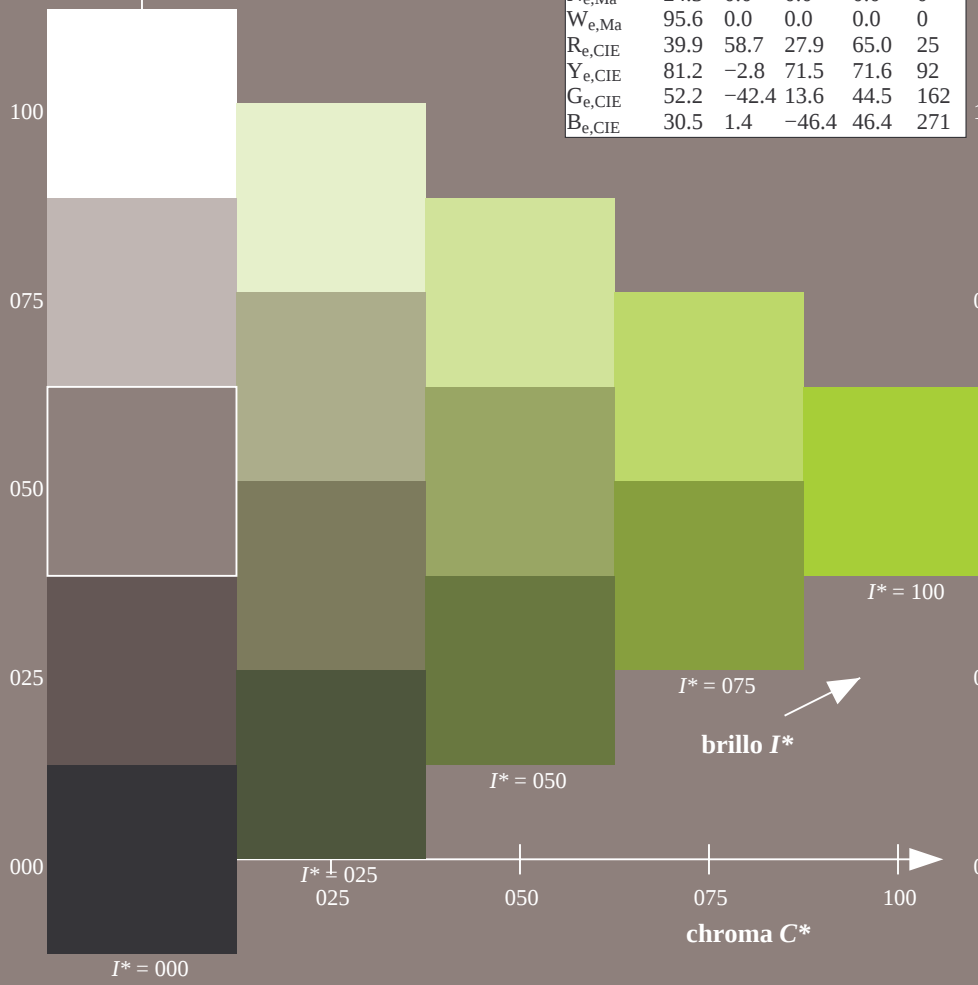


gráfico TUB-QS48; código de tono: $H^*_e = Y25G_e$
gráfico según a DIN 33872, 3D=0, de=1, $cmY0$

entrada: $rgb/cmyk \rightarrow rgb_e$
salida: transfiera a $cmY0_e$

TUB matrícula: 20130201-QS48/QS48L0NA.TXT /.PS
aplicación para la medida salida en la impresión offset, separación $cmY0$ (CMY0)

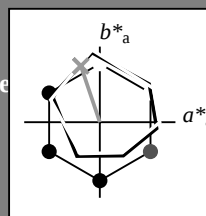
TUB material: code=rha4ta

Entrada i salida: Offset Reflective System ORS18a for relative CIELAB hue $h_{ab,a,rel} = h_{ab}/360 = 108/360 = 0.3$

$H^*_e = Y25G_e$

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

HIC^*_e
código de tono para les colore
esta página:
 $H^*_e = Y25G_e$
triàngulo claridad T^*



ORS20a; datos adaptados CIELAB (a)

name	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
R_e, Ma	45.6	72.2	34.4	80.0	25
Y_e, Ma	83.6	-3.6	90.4	90.4	92
G_e, Ma	50.6	-62.1	19.9	65.2	162
C_e, Ma	55.0	-36.2	-27.2	45.3	216
B_e, Ma	40.2	1.2	-40.6	40.6	271
M_e, Ma	31.1	47.7	-29.1	55.9	328
N_e, Ma	24.3	0.0	0.0	0.0	0
W_e, Ma	95.6	0.0	0.0	0.0	0
R_e, CIE	39.9	58.7	27.9	65.0	25
Y_e, CIE	81.2	-2.8	71.5	71.6	92
G_e, CIE	52.2	-42.4	13.6	44.5	162
B_e, CIE	30.5	1.4	-46.4	46.4	271

Los datos de color máximo (Ma):

$LabCh^*_{e, Ma}$: 74 -25 74 78 108

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

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

0.6 1.0 0.0 1.0 1.0

triàngulo claridad T^*

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

ORS20a; datos adaptados CIELAB (a)

H^*_e	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
R00Y_100_100 _e	45.6	72.2	34.4	80.0	25
R25Y_100_100 _e	50.5	59.2	51.6	78.6	41
R50Y_100_100 _e	60.2	38.2	63.4	74.1	58
R75Y_100_100 _e	70.9	17.9	75.9	77.9	76
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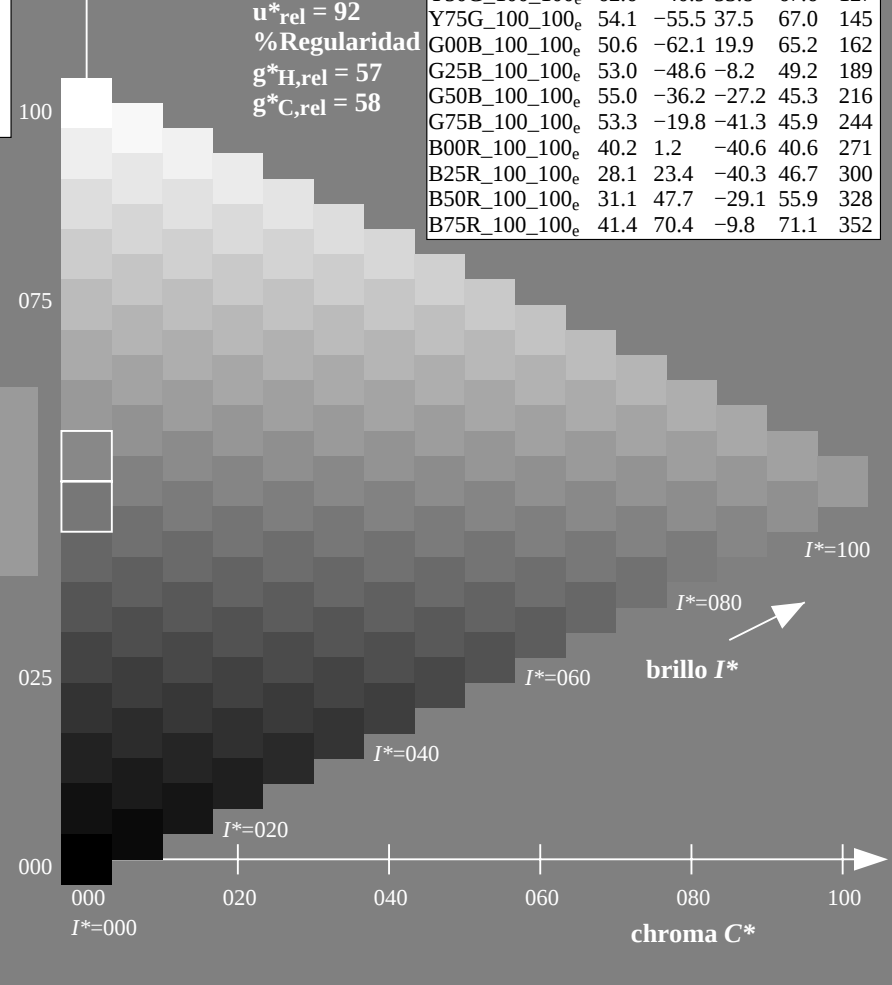
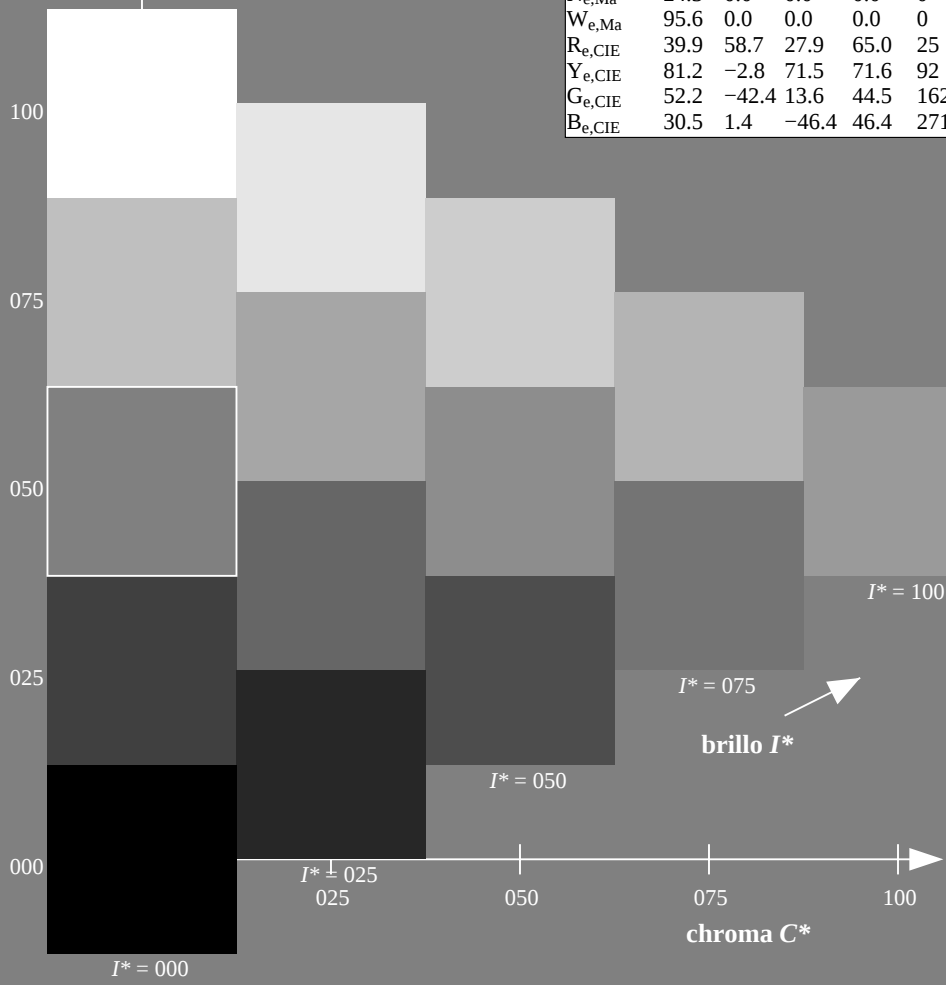


gráfico TUB-QS48; código de tono: $H^*_e = Y25G_e$
gráfico según a DIN 33872, 3D=0, de=1, $cmY0$

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TUB matrícula: 20130201-QS48/QS48L0NA.TXT / .PS
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/QS48/QS48.HTM>
información técnica: <http://www.ps.bam.de> o <http://130.149.60.45/~farbmetrik>

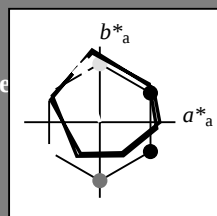
TUB matrícula: 20130201-QS48/QS48L0NA.TXT / .PS
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$H^*_e = Y25G_e$

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código de tono para los colores
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triángulo claridad T^*



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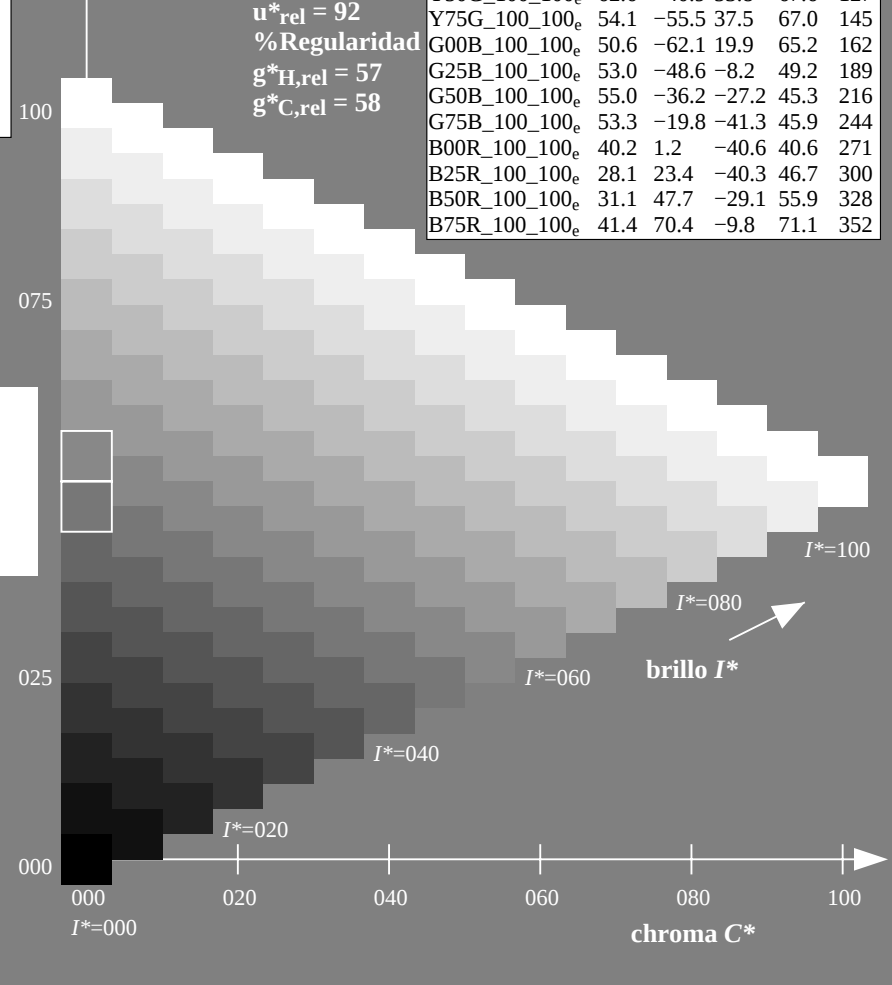
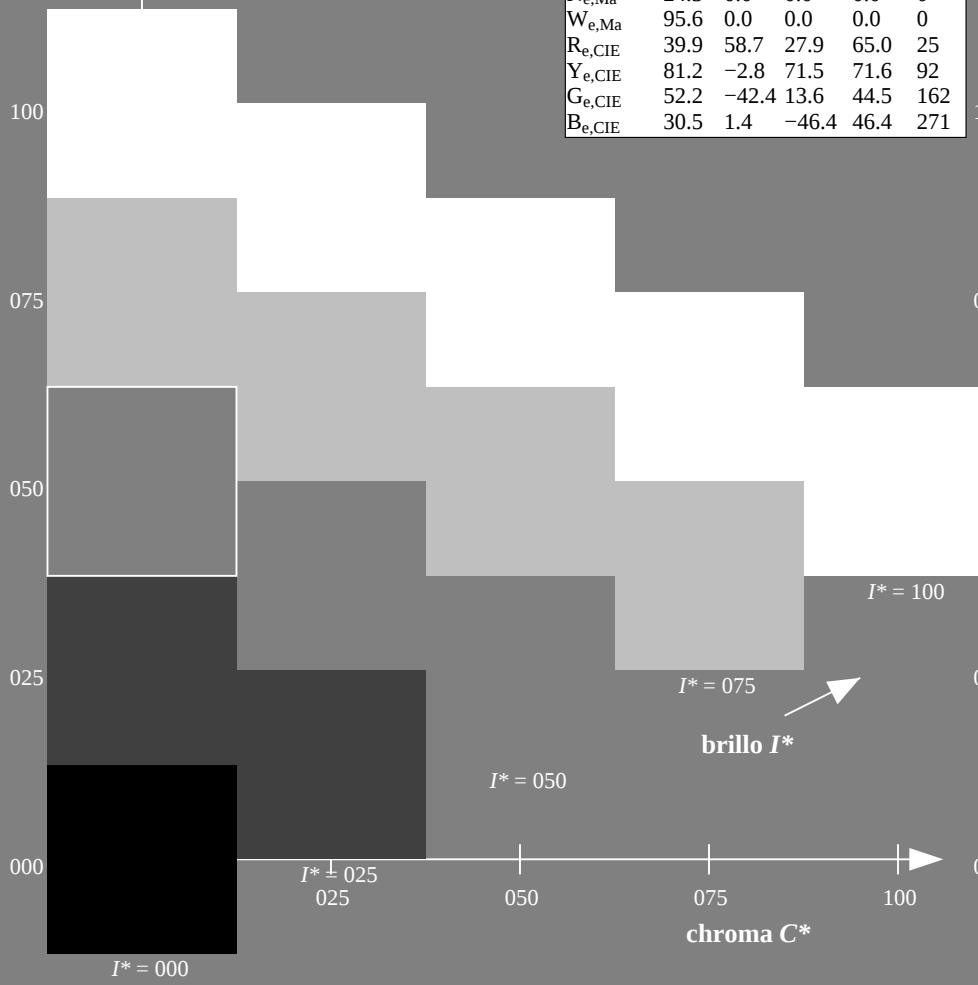


gráfico TUB-QS48; código de tono: $H^*_e = Y25G_e$
gráfico según a DIN 33872, 3D=0, de=1, cmy0

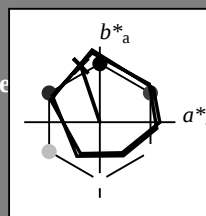
entrada: $rgb/cmyk \rightarrow rgb_e$
salida: transfiera a $cmy0_e$

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

0.6 1.0 0.0 1.0 1.0

triángulo claridad T^*

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% Regularidad
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ORS20a; datos adaptados CIELAB (a)

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R25Y_100_100 _e	50.5	59.2	51.6	78.6	41
R50Y_100_100 _e	60.2	38.2	63.4	74.1	58
R75Y_100_100 _e	70.9	17.9	75.9	77.9	76
Y00G_100_100 _e	83.6	-3.6	90.4	90.4	92
Y25G_100_100 _e	74.5	-25.0	74.3	78.4	108
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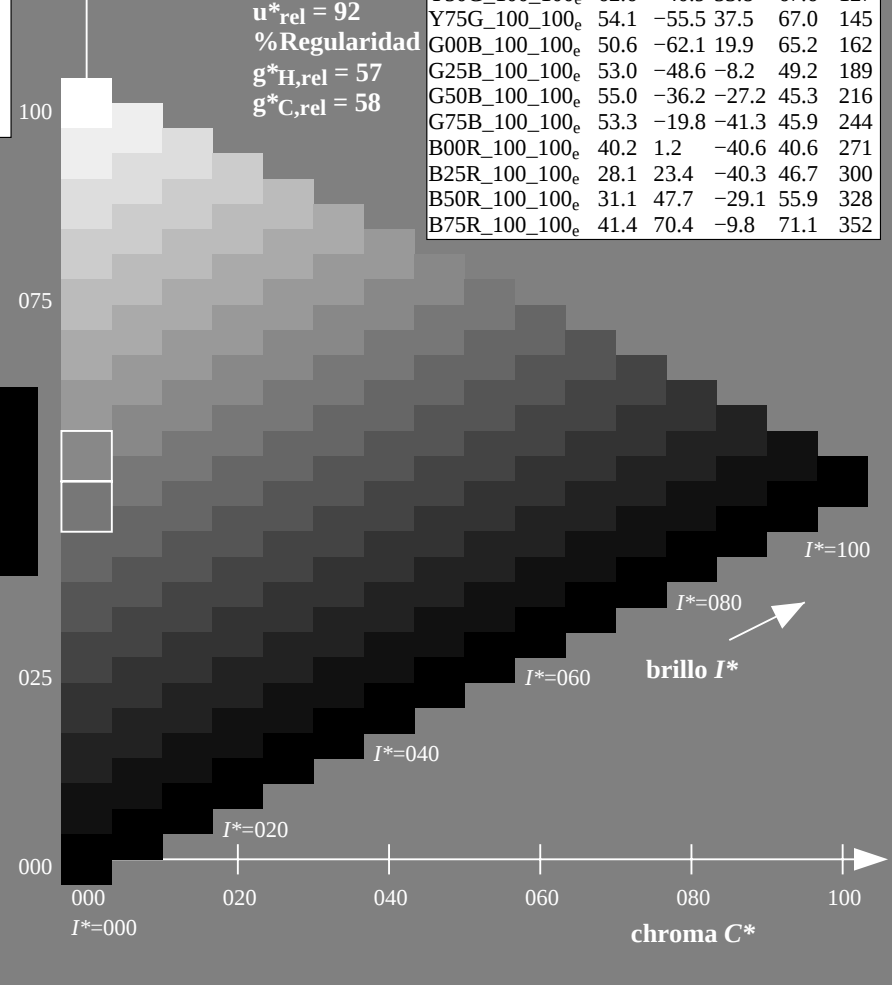
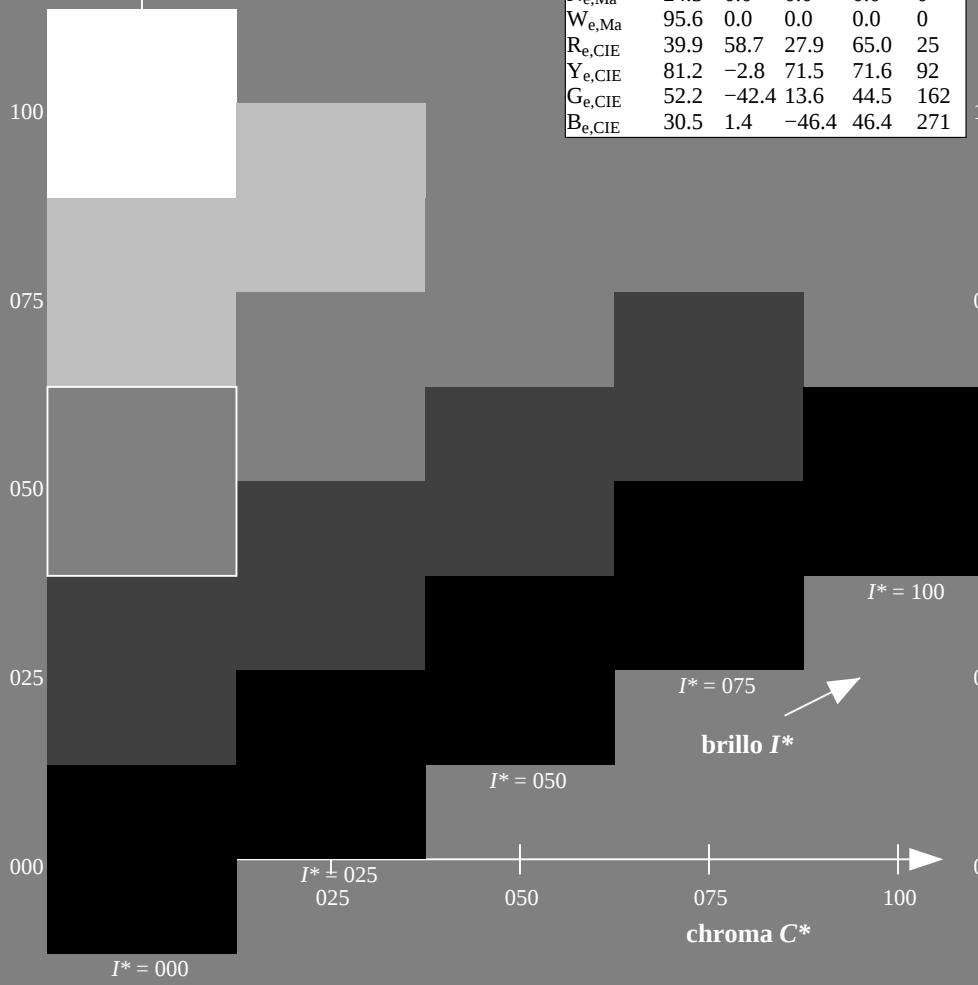
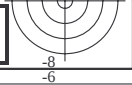


gráfico TUB-QS48; código de tono: $H^*_e = Y25G_e$
gráfico según a DIN 33872, 3D=0, de=1, $cmY0$

entrada: $rgb/cmyk \rightarrow rgb_e$
salida: transfiera a $cmY0_e$

TUB matrícula: 20130201-QS48/QS48L0NA.TXT / .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 $RYGCBM_e$: $h_{ab,e} = 25.5, 92.3, 162.2, 217.0, 271.7, 328.6$

$J=Y_d$

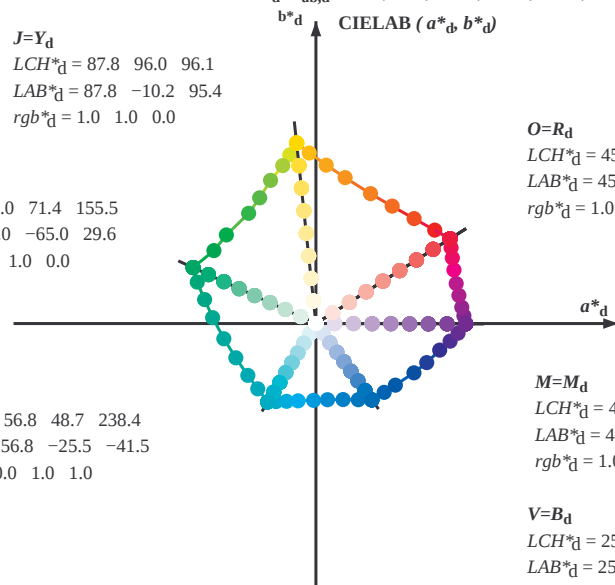
$LCH^*_d = 87.8 \ 96.0 \ 96.1$
 $LAB^*_d = 87.8 \ -10.2 \ 95.4$
 $rgb^*_d = 1.0 \ 1.0 \ 0.0$

$L=G_d$

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

$C=C_d$

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



$O=R_d$

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

$M=M_d$

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

$V=B_d$

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

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

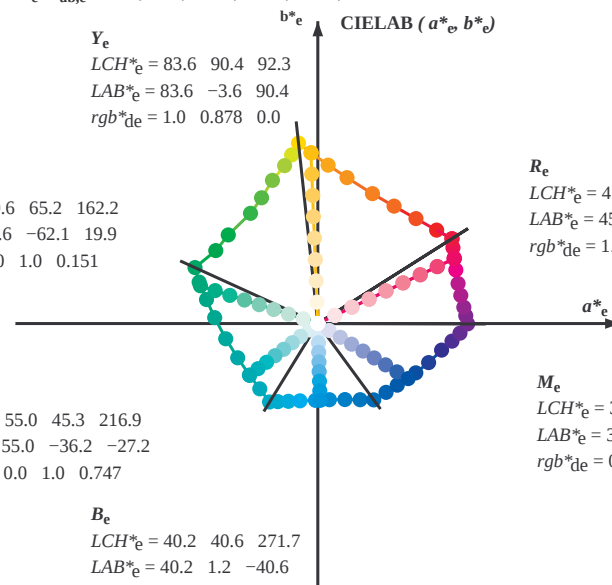
$LCH^*_e = 50.6 \ 65.2 \ 162.2$
 $LAB^*_e = 50.6 \ -62.1 \ 19.9$
 $rgb^*_{de} = 0.0 \ 1.0 \ 0.151$

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

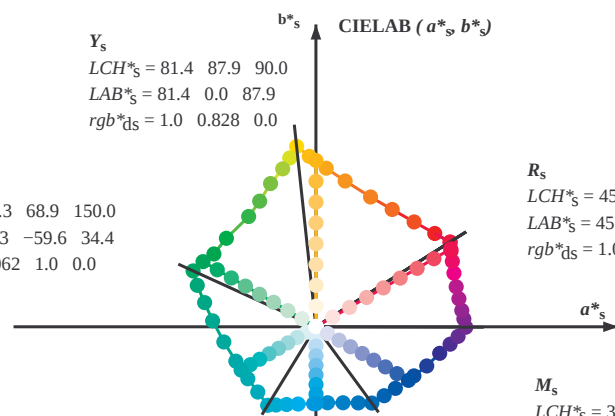
$LCH^*_e = 31.1 \ 55.9 \ 328.6$
 $LAB^*_e = 31.1 \ 47.7 \ -29.1$
 $rgb^*_{de} = 0.321 \ 0.0 \ 1.0$

$b*_s$

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

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

C_s

$LCH^*_s = 54.5 \ 45.7 \ 210.0$
 $LAB^*_s = 54.5 \ -39.6 \ -22.8$
 $rgb^*_{ds} = 0.0 \ 1.0 \ 0.685$

B_s

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

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

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

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

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

$h_{ab,s}$

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

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

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

$h_{ab,e}$

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

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

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

$h_{ab,d}$

rgb^*_{de}

2-013631-L0

QS480-71

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

gráfico TUB-QS48; código de tono: $H^*_e=Y25G_e$
círculo de tono, 48 pasos; $rgb-LabCh^*$ mesas

entrada: $rgb/cmyk \rightarrow rgb_e$
salida: transfiera a $cmy0_e$

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

2-013631-F0

6

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 RYGBM_s: $h_{ab,ds} = 30.0, 90.0, 150.0, 210.0, 270.0, 330.0$;

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 _c : $h_{ab,e} = 25.5, 92.3, 162.2, 217.0, 271.7, 328.6$															
$h_{ab,d}$	$h_{ab,s}$	$h_{ab,e}$	rgb^*_{dd361M}	$LAB^*_{ddx361Mi} (x=LabCh)$	R_d	$rgb^*_{ds361Mi}$	$LAB^*_{dsx361Mi} (x=LabCh)$	R_s	$rgb^*_{dd361Mi}$	$LAB^*_{dex361Mi} (x=LabCh)$	R_e	$rgb^*_{dd361Mi}$	rgb^*_{dd}	rgb^*_{ds}	rgb^*_{de}
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
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	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	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	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	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	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	0.0
37	37	33	1.0	0.116	0.0	48.6	63.3	49.1	80.2	37	1.0	0.0	0.117	0.0	0.0
38	38	34	1.0	0.133	0.0	49.2	62.1	49.8	79.6	38	1.0	0.0	0.133	0.0	0.0
39	39	35	1.0	0.15	0.0	49.8	60.7	50.7	79.1	39	1.0	0.0	0.15	0.0	0.0
41	40	36	1.0	0.166	0.0	50.5	59.2	51.6	78.6	41	1.0	0.0	0.167	0.0	0.0
42	41	37	1.0	0.183	0.0	51.1	57.8	52.5	78.1	42	1.0	0.0	0.183	0.0	0.0
43	42	38	1.0	0.2	0.0	51.7	56.3	53.3	77.5	43	1.0	0.0	0.2	0.0	0.0
44	43	39	1.0	0.216	0.0	52.4	54.9	54.0	77.0	44	1.0	0.0	0.217	0.0	0.0
45	44	41	1.0	0.233	0.0	53.0	53.4	54.8	76.5	45	1.0	0.0	0.233	0.0	0.0
46	45	42	1.0	0.25	0.0	53.6	51.9	55.5	76.0	46	1.0	0.0	0.25	0.0	0.0
48	46	43	1.0	0.266	0.0	54.4	50.4	56.5	75.7	48	1.0	0.0	0.267	0.0	0.0
49	47	44	1.0	0.283	0.0	55.1	48.9	57.4	75.4	49	1.0	0.0	0.283	0.0	0.0
50	48	45	1.0	0.3	0.0	55.8	47.4	58.4	75.2	50	1.0	0.0	0.3	0.0	0.0
52	49	46	1.0	0.316	0.0	56.6	45.8	59.2	74.9	52	1.0	0.0	0.317	0.0	0.0
53	50	47	1.0	0.333	0.0	57.3	44.2	60.1	74.6	53	1.0	0.0	0.333	0.0	0.0
54	51	48	1.0	0.35	0.0	58.0	42.7	60.9	74.4	54	1.0	0.0	0.35	0.0	0.0
56	52	49	1.0	0.366	0.0	58.8	41.1	61.7	74.1	56	1.0	0.0	0.367	0.0	0.0
57	53	51	1.0	0.383	0.0	59.5	39.5	62.5	74.0	57	1.0	0.0	0.383	0.0	0.0
59	54	52	1.0	0.4	0.0	60.3	38.1	63.5	74.1	59	1.0	0.0	0.4	0.0	0.0
60	55	53	1.0	0.416	0.0	61.0	36.6	64.5	74.1	60	1.0	0.0	0.417	0.0	0.0
61	56	54	1.0	0.433	0.0	61.8	35.1	65.4	74.2	61	1.0	0.0	0.433	0.0	0.0
63	57	55	1.0	0.45	0.0	62.6	33.6	66.2	74.3	63	1.0	0.0	0.45	0.0	0.0
64	58	56	1.0	0.466	0.0	63.3	32.0	67.1	74.4	64	1.0	0.0	0.467	0.0	0.0
65	59	57	1.0	0.483	0.0	64.1	30.5	67.9	74.4	65	1.0	0.0	0.483	0.0	0.0
67	60	58	1.0	0.5	0.0	64.9	28.9	68.6	74.5	67	1.0	0.0	0.5	0.0	0.0
68	61	60	1.0	0.516	0.0	65.8	27.2	69.9	75.0	68	1.0	0.0	0.517	0.0	0.0
70	62	61	1.0	0.533	0.0	66.8	25.5	71.1	75.6	70	1.0	0.0	0.533	0.0	0.0
71	63	62	1.0	0.55	0.0	67.7	23.8	72.3	76.1	71	1.0	0.0	0.55	0.0	0.0
73	64	63	1.0	0.566	0.0	68.7	22.0	73.5	76.7	73	1.0	0.0	0.567	0.0	0.0
74	65	64	1.0	0.583	0.0	69.7	20.2	74.6	77.3	74	1.0	0.0	0.583	0.0	0.0
76	66	65	1.0	0.6	0.0	70.6	18.3	75.6	77.8	76	1.0	0.0	0.6	0.0	0.0
77	67	66	1.0	0.616	0.0	71.6	16.4	76.6	78.4	77	1.0	0.0	0.617	0.0	0.0
79	68	67	1.0	0.633	0.0	72.5	14.8	77.6	79.0	79	1.0	0.0	0.633	0.0	0.0
80	69	68	1.0	0.65	0.0	73.2	13.6	78.5	79.7	80	1.0	0.0	0.65	0.0	0.0
81	70	70	1.0	0.666	0.0	74.0	12.3	79.5	80.4	81	1.0	0.0	0.667	0.0	0.0
82	71	71	1.0	0.683	0.0	74.8	11.0	80.4	81.1	82	1.0	0.0	0.683	0.0	0.0
83	72	72	1.0	0.7	0.0	75.6	9.6	81.3	81.9	83	1.0	0.0	0.7	0.0	0.0
84	73	73	1.0	0.716	0.0	76.3	8.3	82.2	82.6	84	1.0	0.0	0.717	0.0	0.0
85	74	74	1.0	0.733	0.0	77.1	6.9	83.0	83.3	85	1.0	0.0	0.733	0.0	0.0
86	75	75	1.0	0.75	0.0	77.9	5.4	83.8	84.0	86	1.0	0.0	0.75	0.0	0.0

2-013931-L0 QS480-71 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 10/33

gráfico TUB-QS48; código de tono: $H^*_e=Y25G_e$
círculo de tono, 48 pasos; $rgb-LabCh^*$ mesas

entrada: $rgb/cmyk \rightarrow rgb_e$
salida: transfiera a $cmy0_e$

TUB matrícula: 20130201-QS48/QS48L0NA.TXT / .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 RYGBM_s: $h_{ab,ds} = 30.0, 90.0, 150.0, 210.0, 270.0, 330.0$;
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}	$LAB^*_{dd361M}(x=LabCh)$	$rgb^*_{ds361Mi}$	$LAB^*_{dsx361Mi}(x=LabCh)$	$rgb^*_{dd361Mi}$	$LAB^*_{de361Mi}$	$rgb^*_{dex361Mi}(x=LabCh)$	$rgb^*_{dd361Mi}$	rgb^*_{dd}	rgb^*_{ds}	rgb^*_{de}			
86	75	75	1.0	0.75 0.0	77.9	5.4	83.8	84.0	86	1.0	0.75 0.0	77.9	5.4	83.8	84.0	86
87	76	76	1.0	0.766 0.0	78.6	4.3	84.7	84.8	87	1.0	0.767 0.0	78.6	4.3	84.7	84.8	87
87	77	77	1.0	0.783 0.0	79.4	3.2	85.6	85.7	87	1.0	0.783 0.0	79.4	3.2	85.6	85.7	87
88	78	78	1.0	0.8 0.0	80.1	2.0	86.5	86.5	88	1.0	0.8 0.0	80.1	2.0	86.5	86.5	88
89	79	80	1.0	0.816 0.0	80.8	0.8	87.3	87.3	89	1.0	0.817 0.0	80.8	0.8	87.3	87.3	89
90	80	81	1.0	0.833 0.0	81.6	-0.3	88.2	88.2	90	1.0	0.833 0.0	81.6	-0.3	88.2	88.2	90
91	81	82	1.0	0.85 0.0	82.3	-1.5	89.0	89.0	91	1.0	0.85 0.0	82.3	-1.5	89.0	89.0	91
91	82	83	1.0	0.866 0.0	83.1	-2.8	89.8	89.8	91	1.0	0.867 0.0	83.1	-2.8	89.8	89.8	91
92	83	84	1.0	0.883 0.0	83.7	-3.8	90.5	90.6	92	1.0	0.883 0.0	83.7	-3.8	90.5	90.6	92
92	84	85	1.0	0.9 0.0	84.3	-4.7	91.3	91.4	92	1.0	0.9 0.0	84.3	-4.7	91.3	91.4	92
93	85	86	1.0	0.916 0.0	84.9	-5.6	92.0	92.2	93	1.0	0.917 0.0	84.9	-5.6	92.0	92.2	93
94	86	87	1.0	0.933 0.0	85.5	-6.5	92.7	92.9	94	1.0	0.933 0.0	85.5	-6.5	92.7	92.9	94
94	87	88	1.0	0.95 0.0	86.0	-7.4	93.4	93.7	94	1.0	0.95 0.0	86.0	-7.4	93.4	93.7	94
95	88	90	1.0	0.966 0.0	86.6	-8.3	94.1	94.5	95	1.0	0.967 0.0	86.6	-8.3	94.1	94.5	95
95	89	91	1.0	0.983 0.0	87.2	-9.2	94.8	95.2	95	1.0	0.983 0.0	87.2	-9.2	94.8	95.2	95
96	90	92	1.0	1.0 0.0	87.8	-10.2	95.4	96.0	96	1.0	1.0 0.0	87.8	-10.2	95.4	96.0	96
96	91	93	0.983	1.0 0.0	87.3	-10.7	94.6	95.2	96	1.0	0.983 1.0 0.0	87.3	-10.7	94.6	95.2	96
96	92	94	0.966	1.0 0.0	86.8	-11.2	93.8	94.5	96	1.0	0.967 1.0 0.0	86.8	-11.2	93.8	94.5	96
97	93	95	0.95	1.0 0.0	86.4	-11.7	93.0	93.7	97	1.0	0.95 1.0 0.0	86.4	-11.7	93.0	93.7	97
97	94	96	0.933	1.0 0.0	85.9	-12.2	92.2	93.0	97	1.0	0.933 1.0 0.0	85.9	-12.2	92.2	93.0	97
97	95	98	0.916	1.0 0.0	85.5	-12.7	91.3	92.2	97	1.0	0.917 1.0 0.0	85.5	-12.7	91.3	92.2	97
98	96	99	0.9	1.0 0.0	85.0	-13.2	90.5	91.5	98	1.0	0.9 1.0 0.0	85.0	-13.2	90.5	91.5	98
98	97	100	0.883	1.0 0.0	84.5	-13.6	89.7	90.7	98	1.0	0.883 1.0 0.0	84.5	-13.6	89.7	90.7	98
99	98	101	0.866	1.0 0.0	84.1	-14.1	88.9	90.0	99	1.0	0.867 1.0 0.0	84.1	-14.1	88.9	90.0	99
99	99	102	0.85	1.0 0.0	83.6	-14.6	88.1	89.3	99	1.0	0.85 1.0 0.0	83.6	-14.6	88.1	89.3	99
99	100	103	0.833	1.0 0.0	83.1	-15.1	87.4	88.7	99	1.0	0.833 1.0 0.0	83.1	-15.1	87.4	88.7	99
100	101	105	0.816	1.0 0.0	82.6	-15.6	86.6	88.0	100	1.0	0.817 1.0 0.0	82.6	-15.6	86.6	88.0	100
100	102	106	0.8	1.0 0.0	82.2	-16.1	85.8	87.3	100	1.0	0.8 1.0 0.0	82.2	-16.1	85.8	87.3	100
101	103	107	0.783	1.0 0.0	81.7	-16.6	85.1	86.7	101	1.0	0.783 1.0 0.0	81.7	-16.6	85.1	86.7	101
101	104	108	0.766	1.0 0.0	81.2	-17.0	84.3	86.0	101	1.0	0.767 1.0 0.0	81.2	-17.0	84.3	86.0	101
101	105	109	0.75	1.0 0.0	80.7	-17.5	83.5	85.3	101	1.0	0.75 1.0 0.0	80.7	-17.5	83.5	85.3	101
102	106	110	0.733	1.0 0.0	80.0	-18.4	82.5	84.6	102	1.0	0.733 1.0 0.0	80.0	-18.4	82.5	84.6	102
103	107	112	0.716	1.0 0.0	79.3	-19.3	81.5	83.8	103	1.0	0.717 1.0 0.0	79.3	-19.3	81.5	83.8	103
104	108	113	0.7	1.0 0.0	78.5	-20.2	80.5	83.0	104	1.0	0.7 1.0 0.0	78.5	-20.2	80.5	83.0	104
104	109	114	0.683	1.0 0.0	77.8	-21.1	79.4	82.2	104	1.0	0.683 1.0 0.0	77.8	-21.1	79.4	82.2	104
105	110	115	0.666	1.0 0.0	77.1	-22.0	78.4	81.4	105	1.0	0.667 1.0 0.0	77.1	-22.0	78.4	81.4	105
106	111	116	0.65	1.0 0.0	76.4	-22.8	77.3	80.6	106	1.0	0.65 1.0 0.0	76.4	-22.8	77.3	80.6	106
107	112	117	0.633	1.0 0.0	75.6	-23.6	76.2	79.8	107	1.0	0.633 1.0 0.0	75.6	-23.6	76.2	79.8	107
108	113	119	0.616	1.0 0.0	75.0	-24.4	75.1	79.0	108	1.0	0.617 1.0 0.0	75.0	-24.4	75.1	79.0	108
108	114	120	0.6	1.0 0.0	74.3	-25.3	73.9	78.1	108	1.0	0.6 1.0 0.0	74.3	-25.3	73.9	78.1	108
109	115	121	0.583	1.0 0.0	73.7	-26.1	72.7	77.2	109	1.0	0.583 1.0 0.0	73.7	-26.1	72.7	77.2	109
110	116	122	0.566	1.0 0.0	73.1	-26.9	71.4	76.3	110	1.0	0.567 1.0 0.0	73.1	-26.9	71.4	76.3	110
111	117	123	0.55	1.0 0.0	72.4	-27.6	70.2	75.5	111	1.0	0.55 1.0 0.0	72.4	-27.6	70.2	75.5	111
112	118	124	0.533	1.0 0.0	71.8	-28.3	69.0	74.6	112	1.0	0.533 1.0 0.0	71.8	-28.3	69.0	74.6	112
113	119	126	0.516	1.0 0.0	71.2	-29.0	67.7	73.7	113	1.0	0.517 1.0 0.0	71.2	-29.0	67.7	73.7	113
114	120	127	0.5	1.0 0.0	70.6	-29.7	66.5	72.8	114	1.0	0.5 1.0 0.0	70.6	-29.7	66.5	72.8	114

2-0131031-L0 QS480-71 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-QS48; código de tono: $H^*_e=Y25G_e$
círculo de tono, 48 pasos; $rgb-LabCh^*$ mesas

entrada: $rgb/cmyk \rightarrow rgb_e$
salida: transfiera a $cmy0_e$

TUB matrícula: 20130201-QS48/QS48L0NA.TXT / .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 *RYGBM*: $h_{ab,ds} = 30.0, 90.0, 150.0, 210.0, 270.0, 330.0$;

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

$h_{ab,d}$	$h_{ab,s}$	$h_{ab,e}$	$rgb^*_{ds361Mi}$	$LAB^*_{dsx361Mi}(x=LabCh)$	$rgb^*_{ds361Mi}$	$LAB^*_{dsx361Mi}(x=LabCh)$	$rgb^*_{dd361Mi}$	$rgb^*_{de361Mi}$	$LAB^*_{dex361Mi}(x=LabCh)$	$rgb^*_{dd361Mi}$	$rgb^*_{dd361Mi}$	rgb^*_{ds}	rgb^*_{de}																						
167	165	175	0.0	1.0	0.25	51.2	-58.9	12.7	60.3	167	0.0	1.0	0.2	51.0	-60.5	16.2	62.8	165	0.0	1.0	0.25	0.0	1.0	0.25											
168	166	176	0.0	1.0	0.266	51.3	-58.4	11.3	59.5	168	0.0	1.0	0.218	51.1	-60.0	15.0	61.9	166	0.0	1.0	0.267	0.0	1.0	0.267											
170	167	177	0.0	1.0	0.283	51.4	-57.9	10.0	58.8	170	0.0	1.0	0.236	51.2	-59.3	13.7	61.0	167	0.0	1.0	0.283	0.0	1.0	0.283											
171	168	178	0.0	1.0	0.3	51.5	-57.3	8.7	58.0	171	0.0	1.0	0.253	51.2	-58.8	12.5	60.2	168	0.0	1.0	0.3	0.0	1.0	0.394	52.2	-53.8	1.3	53.9	178	0.0	1.0	0.3			
172	169	179	0.0	1.0	0.316	51.6	-56.8	7.4	57.3	172	0.0	1.0	0.267	51.3	-58.4	11.4	59.5	169	0.0	1.0	0.317	0.0	1.0	0.403	52.2	-53.4	0.4	53.5	179	0.0	1.0	0.317			
173	170	180	0.0	1.0	0.333	51.7	-56.2	6.1	56.5	173	0.0	1.0	0.281	51.4	-57.9	10.2	58.9	170	0.0	1.0	0.333	0.0	1.0	0.412	52.3	-53.0	-0.3	53.1	180	0.0	1.0	0.333			
174	171	181	0.0	1.0	0.35	51.8	-55.5	4.9	55.8	174	0.0	1.0	0.295	51.5	-57.5	9.1	58.3	171	0.0	1.0	0.35	0.0	1.0	0.421	52.4	-52.6	-1.2	52.7	181	0.0	1.0	0.35			
176	172	182	0.0	1.0	0.366	51.9	-54.9	3.7	55.0	176	0.0	1.0	0.309	51.6	-57.0	8.0	57.7	172	0.0	1.0	0.367	0.0	1.0	0.43	52.5	-52.2	-2.0	52.3	182	0.0	1.0	0.367			
177	173	183	0.0	1.0	0.383	52.0	-54.2	2.3	54.3	177	0.0	1.0	0.323	51.7	-56.5	6.9	57.0	173	0.0	1.0	0.383	0.0	1.0	0.439	52.5	-51.8	-2.8	51.9	183	0.0	1.0	0.383			
179	174	184	0.0	1.0	0.4	52.2	-53.6	0.7	53.6	179	0.0	1.0	0.337	51.8	-56.0	5.9	56.4	174	0.0	1.0	0.4	0.0	1.0	0.448	52.6	-51.3	-3.6	51.6	184	0.0	1.0	0.4			
180	175	185	0.0	1.0	0.416	52.3	-52.8	-0.8	52.9	180	0.0	1.0	0.351	51.9	-55.5	4.9	55.8	175	0.0	1.0	0.417	0.0	1.0	0.457	52.7	-50.9	-4.4	51.2	185	0.0	1.0	0.417			
182	176	185	0.0	1.0	0.433	52.4	-52.1	-2.3	52.1	182	0.0	1.0	0.365	52.0	-54.9	3.8	55.1	176	0.0	1.0	0.433	0.0	1.0	0.466	52.7	-50.4	-5.2	50.8	185	0.0	1.0	0.433			
184	177	186	0.0	1.0	0.45	52.6	-51.3	-3.8	51.4	184	0.0	1.0	0.378	52.0	-54.4	2.9	54.6	177	0.0	1.0	0.45	0.0	1.0	0.475	52.8	-49.9	-5.9	50.4	186	0.0	1.0	0.45			
185	178	187	0.0	1.0	0.466	52.7	-50.4	-5.3	50.7	185	0.0	1.0	0.388	52.1	-54.0	1.9	54.1	178	0.0	1.0															

2-0131231-L0	QS480-71	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 13/33

gráfico TUB-QS48; código de tono: H*_e=Y25G_e

entrada: *rgb/cmyk* $\rightarrow$ *rgb_e*

círculo de tono, 48 pasos; *rgb-LabCh** mesas

salida: transfiera a $cmy0_e$

vea archivos semejantes: <http://130.149.60.45/~farbmetrik/QS48/QS48.HTM>
información técnica: <http://www.ps.bam.de> o <http://130.149.60.45/~farbmetrik>

TUB matrícula: 20130201-QS48/QS48L0NA.TXT /.PS TUB material: code=rh4ta
+ aplicación para la medida salida en la impresión offset, separación cmy0 (CMY0)

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 *RYGBM*: $h_{ab,ds} = 30.0, 90.0, 150.0, 210.0, 270.0, 330.0$;

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

[illegible]

QS480-71	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 cmv0*, D65, página 15/32

gráfico TUB-QS48; código de tono: $H^*_e=Y25G_e$
círculo de tono, 48 pasos; *rgb-LabCh**mesas

entrada: $rgb/cmyk \rightarrow rgb_e$
salida: transfiera a $cmy0_e$

TUB matrícula: 20130201-QS48/QS48L0NA.TXT /.PS TUB material: code=rha4ta
aplicación para la medida salida en la impresión offset, separación cmy0 (CMY0)

vea archivos semejantes: <http://130.149.60.45/~farbmetrik/QS48/QS48.HTM>
información técnica: <http://www.ps.bam.de> o <http://130.149.60.45/~farbmetrik>

entrada: *rgb/cmyk* -> *rgbe*
salida: transfiera a *cmy0_e*

gráfico TUB-QS48; código de tono: H*_e=Y25Ge
colores y diferencia en color, ΔE^*

QS480-7N, 33/33-F

2-0133231-F0

2-0133231-F0

n	H1C*Fe	rgb*Fe	ic1_Fe	h ₈ _Fe	rgb*Fe	LabCh*Fe	h ₈ _Fe	ic1_Fe	h ₈ _Fe	rgb*Fe	LabCh*Fe	DF*Fe	h ₈ Me	rgb*Me	LabCh*Me	
1053	NW_086e	0.866 0.866 0.866	0.866 0.0 0.866	360	0.866 0.866 0.866	86.1 0.0 0.0	0.0	0.0	0.0	0.866 0.866 0.866	86.1 1.2 3.4	3.7	69.9	1.0 1.0 1.0	95.6 0.0 0.0	0.0
1054	NW_093e	0.933 0.933 0.933	0.933 0.0 0.933	360	0.933 0.933 0.933	90.8 0.0 0.0	0.0	0.0	0.0	0.933 0.933 0.933	90.8 0.4 1.4	1.5	71.6	1.0 1.0 1.0	95.6 0.0 0.0	0.0
1055	NW_100e	1.0 1.0 1.0	1.0 0.0 1.0	360	1.0 1.0 1.0	95.6 0.0 0.0	0.0	0.0	0.0	1.0 1.0 1.0	95.6 0.0 0.1	0.1	114.3	1.0 1.0 1.0	95.6 0.0 0.0	0.0
1056	NW_000e	0.0 0.0 0.0	0.0 0.0 0.0	360	0.0 0.0 0.0	24.3 0.0 0.0	0.0	0.0	0.0	0.0 0.0 0.0	23.0 0.7 -0.9	1.1	308.5	1.0 1.0 1.0	95.6 0.0 0.0	0.0
1057	NW_006e	0.066 0.066 0.066	0.066 0.0 0.066	360	0.066 0.066 0.066	29.0 0.0 0.0	0.0	0.0	0.0	0.066 0.066 0.066	25.6 5.5 0.6	5.5	6.7	1.0 1.0 1.0	95.6 0.0 0.0	0.0
1058	NW_013e	0.133 0.133 0.133	0.133 0.0 0.133	360	0.133 0.133 0.133	33.8 0.0 0.0	0.0	0.0	0.0	0.133 0.133 0.133	28.2 8.3 3.4	9.0	22.4	1.0 1.0 1.0	95.6 0.0 0.0	0.0
1059	NW_020e	0.2 0.2 0.2	0.2 0.0 0.2	360	0.2 0.2 0.2	38.6 0.0 0.0	0.0	0.0	0.0	0.2 0.2 0.2	32.0 10.0 5.8	11.6	30.4	1.0 1.0 1.0	95.6 0.0 0.0	0.0
1060	NW_026e	0.266 0.266 0.266	0.266 0.0 0.266	360	0.266 0.266 0.266	43.3 0.0 0.0	0.0	0.0	0.0	0.266 0.266 0.266	36.7 8.8 8.7	12.4	44.7	1.0 1.0 1.0	95.6 0.0 0.0	0.0
1061	NW_033e	0.333 0.333 0.333	0.333 0.0 0.333	360	0.333 0.333 0.333	48.1 0.0 0.0	0.0	0.0	0.0	0.333 0.333 0.333	40.7 10.4 8.9	13.3	48.4	1.0 1.0 1.0	95.6 0.0 0.0	0.0
1062	NW_040e	0.4 0.4 0.4	0.4 0.0 0.4	360	0.4 0.4 0.4	52.8 0.0 0.0	0.0	0.0	0.0	0.4 0.4 0.4	46.8 8.7 10.2	13.7	49.7	1.0 1.0 1.0	95.6 0.0 0.0	0.0
1063	NW_046e	0.466 0.466 0.466	0.466 0.0 0.466	360	0.466 0.466 0.466	57.5 0.0 0.0	0.0	0.0	0.0	0.466 0.466 0.466	51.8 8.8 9.9	13.3	48.4	1.0 1.0 1.0	95.6 0.0 0.0	0.0
1064	NW_053e	0.533 0.533 0.533	0.533 0.0 0.533	360	0.533 0.533 0.533	62.3 0.0 0.0	0.0	0.0	0.0	0.533 0.533 0.533	57.5 7.3 9.2	11.8	51.6	1.0 1.0 1.0	95.6 0.0 0.0	0.0
1065	NW_060e	0.6 0.6 0.6	0.6 0.0 0.6	360	0.6 0.6 0.6	67.1 0.0 0.0	0.0	0.0	0.0	0.6 0.6 0.6	60.9 5.2 8.3	9.8	57.5	1.0 1.0 1.0	95.6 0.0 0.0	0.0
1066	NW_066e	0.666 0.666 0.666	0.666 0.0 0.666	360	0.666 0.666 0.666	71.8 0.0 0.0	0.0	0.0	0.0	0.666 0.666 0.666	69.3 5.2 8.3	8.1	53.5	1.0 1.0 1.0	95.6 0.0 0.0	0.0
1067	NW_073e	0.734 0.734 0.734	0.734 0.0 0.734	360	0.734 0.734 0.734	76.6 0.0 0.0	0.0	0.0	0.0	0.734 0.734 0.734	74.5 4.8 6.5	5.2	59.4	1.0 1.0 1.0	95.6 0.0 0.0	0.0
1068	NW_080e	0.8 0.8 0.8	0.8 0.0 0.8	360	0.8 0.8 0.8	81.3 0.0 0.0	0.0	0.0	0.0	0.8 0.8 0.8	80.5 2.7 5.2	3.6	69.4	1.0 1.0 1.0	95.6 0.0 0.0	0.0
1069	NW_086e	0.866 0.866 0.866	0.866 0.0 0.866	360	0.866 0.866 0.866	86.0 0.0 0.0	0.0	0.0	0.0	0.866 0.866 0.866	86.1 1.2 3.4	3.7	69.9	1.0 1.0 1.0	95.6 0.0 0.0	0.0
1070	NW_093e	0.933 0.933 0.933	0.933 0.0 0.933	360	0.933 0.933 0.933	90.8 0.0 0.0	0.0	0.0	0.0	0.933 0.933 0.933	90.7 0.4 1.4	1.5	71.6	1.0 1.0 1.0	95.6 0.0 0.0	0.0
1071	NW_100e	1.0 1.0 1.0	1.0 0.0 1.0	360	1.0 1.0 1.0	95.6 0.0 0.0	0.0	0.0	0.0	1.0 1.0 1.0	95.7 0.0 0.0	0.1	118.4	1.0 1.0 1.0	95.6 0.0 0.0	0.0
1072	NW_000e	0.0 0.0 0.0	0.0 0.0 0.0	360	0.0 0.0 0.0	24.3 0.0 0.0	0.0	0.0	0.0	0.0 0.0 0.0	23.3 1.3 -2.4	2.8	299.2	1.0 1.0 1.0	95.6 0.0 0.0	0.0
1073	ROY_100_100e	1.0 1.0 1.0	1.0 1.0 1.0	360	1.0 1.0 1.0	95.6 0.0 0.0	0.0	0.0	0.0	1.0 1.0 1.0	95.7 0.0 0.0	0.0	138.7	1.0 1.0 1.0	95.6 0.0 0.0	0.0
1074	G50E_100_100e	0.0 0.0 0.0	0.0 1.0 0.0	360	0.0 0.0 0.0	45.6 0.0 0.0	0.0	0.0	0.0	0.0 0.0 0.0	45.5 70.5 48.8	83.9	328.9	1.0 0.0 0.0	0.0 0.0 0.0	0.0
1075	Y06E_100_100e	0.0 1.0 0.0	1.0 1.0 0.0	360	0.0 1.0 0.0	55.0 -36.2 34.4	45.3	216.9	0.0	0.0 1.0 0.0	-41.8 25.2 -25.2	48.8	36.0	0.0 0.878 0.0	83.6 -36.2 34.4	216.9
1076	B06E_100_100e	0.0 0.0 1.0	0.0 0.0 1.0	360	0.0 0.0 1.0	55.0 -36.2 34.4	45.3	216.9	0.0	0.0 0.0 1.0	-41.8 25.2 -25.2	48.8	36.0	0.0 0.0 0.878	83.6 -36.2 34.4	216.9
1077	B00E_100_100e	0.0 0.0 0.0	0.0 1.0 0.0	360	0.0 0.0 0.0	40.2 -1.2 18.6	40.6	171.7	0.0	0.0 0.0 0.0	29.8 280.1 29.8	71.7	306.9	0.0 0.0 0.488	40.2 -1.2 18.6	171.7
1078	B50E_100_100e	0.0 0.0 0.0	0.0 1.0 0.0	360	0.0 0.0 0.0	50.6 -42.1 19.0	65.2	162.2	0.0	0.0 0.0 0.0	43.4 280.7 43.4	73.2	359.8	0.0 0.0 0.151	50.6 -42.1 19.0	162.2
1079	B50E_100_100e	1.0 0.0 1.0	1.0 1.0 1.0	360	0.321 0.0 1.0	31.1 47.7 -29.1	55.9	328.6	0.0	1.0 0.0 1.0	45.8 73.2 -0.2	73.2	359.8	0.321 0.0 1.0	31.1 47.7 -29.1	328.6

delta E** = 10.3