

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

$H^*_- = R50Y_-$

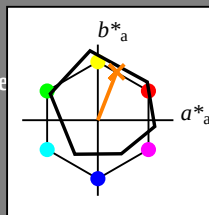
Datos del dispositivo (d) o elemental (e) color:

HIC^*_-

código de tono para les colore esta página:

$H^*_- = R50Y_-$

triângulo 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):

$LabCh^*_{-,Ma}$: 68 25 63 68 68

$HIC^*_{-,Ma}$: R50Y_100_100_

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

1.0 0.5 0.0 1.0 1.0

triângulo 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

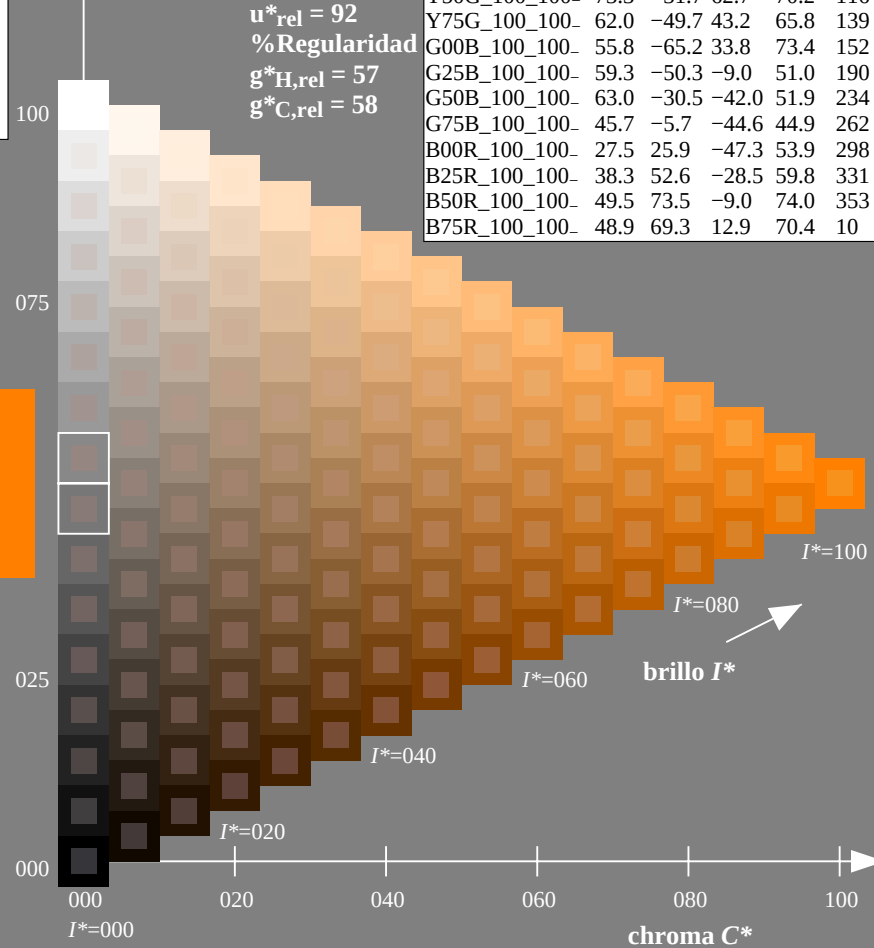
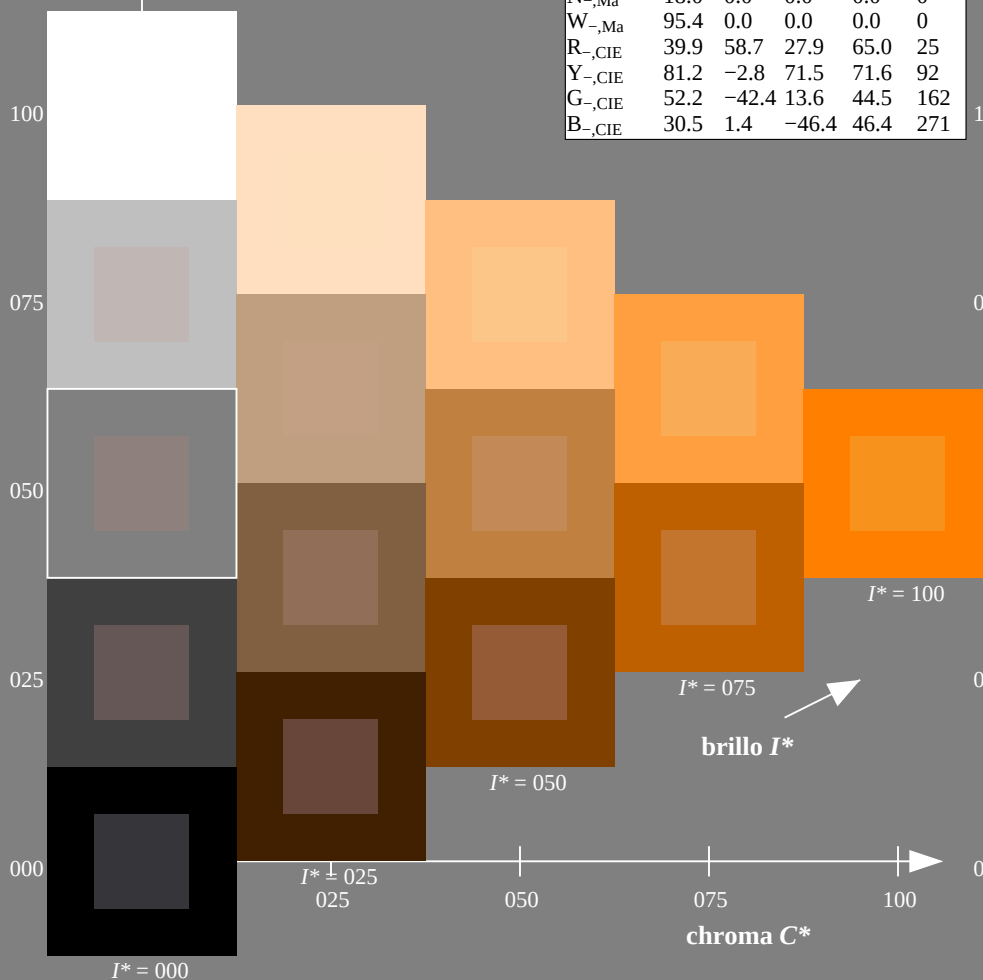


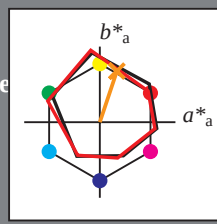
gráfico TUB-QS13; código de tono: $H^*_- = R50Y_-$
gráfico según a DIN 33872, 3D=1, de=0, $cm yk^*$

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

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

$H^*_d = R50Y_d$

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



ORS20a; datos adaptados CIELAB (a)

name	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
$R_{d,Ma}$	47.3	63.8	41.2	76.0	32
$Y_{d,Ma}$	88.3	-11.9	95.1	95.8	97
$G_{d,Ma}$	51.9	-68.8	28.1	74.3	157
$C_{d,Ma}$	58.3	-29.2	-43.7	52.6	236
$B_{d,Ma}$	25.3	23.5	-47.3	52.8	296
$M_{d,Ma}$	48.2	72.8	-8.5	73.3	353
$N_{d,Ma}$	17.7	0.0	0.0	0.0	0
$W_{d,Ma}$	95.4	0.0	0.0	0.0	0
$R_{d,CIE}$	39.9	58.7	27.9	65.0	25
$Y_{d,CIE}$	81.2	-2.8	71.5	71.6	92
$G_{d,CIE}$	52.2	-42.4	13.6	44.5	162
$B_{d,CIE}$	30.5	1.4	-46.4	46.4	271

Los datos de color máximo (Ma):

$LabCh^*_{d,Ma}$: 67 22 67 71 71

$HIC^*_{d,Ma}$: R50Y_100_100d

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

1.0 0.5 0.0 1.0 1.0

triângulo claridad T^*

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

ORS20a; datos adaptados CIELAB (a)

H^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
$R00Y_{100_100d}$	47.3	63.8	41.2	76.0	32
$R25Y_{100_100d}$	55.3	45.8	52.2	69.5	48
$R50Y_{100_100d}$	67.2	22.6	67.6	71.2	71
$R75Y_{100_100d}$	79.9	1.0	83.9	83.9	89
$Y00G_{100_100d}$	88.3	-11.9	95.1	95.8	97
$Y25G_{100_100d}$	83.3	-19.2	83.7	85.9	102
$Y50G_{100_100d}$	72.7	-31.3	66.0	73.1	115
$Y75G_{100_100d}$	60.4	-48.8	46.7	67.6	136
$G00B_{100_100d}$	51.9	-68.8	28.1	74.3	157
$G25B_{100_100d}$	54.8	-51.0	-12.3	52.5	193
$G50B_{100_100d}$	58.3	-29.2	-43.7	52.6	236
$G75B_{100_100d}$	42.7	-6.0	-45.0	45.4	262
$B00R_{100_100d}$	25.3	23.5	-47.3	52.8	296
$B25R_{100_100d}$	37.8	53.8	-26.3	59.9	333
$B50R_{100_100d}$	48.2	72.8	-8.5	73.3	353
$B75R_{100_100d}$	47.7	67.7	14.0	69.1	11

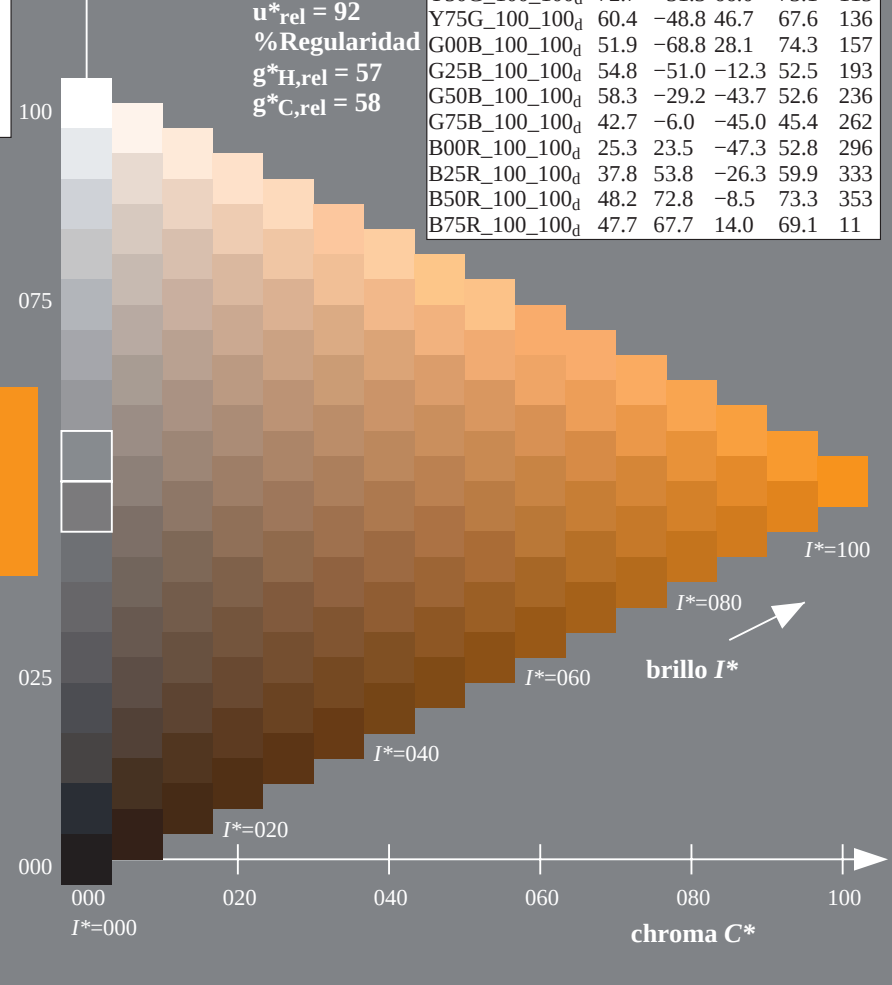
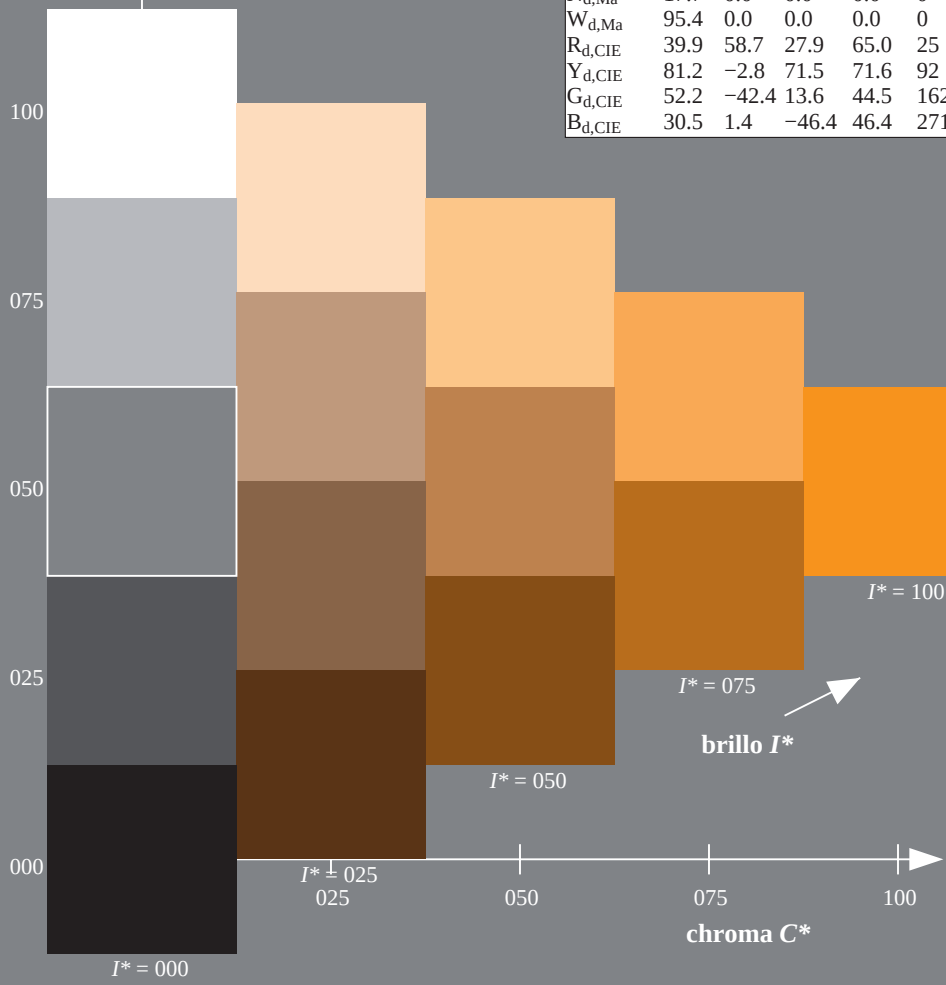


gráfico TUB-QS13; código de tono: $H^*_d=R50Y_d$
gráfico según a DIN 33872, 3D=1, de=0, $cmYk^*$

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

TUB matrícula: 20130201-QS13/QS13L0FP.PDF /.PS
aplicación para la medida salida en la impresión offset, separación $cmYn6^*$ (CMYK)

TUB material: code=rha4ta

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

$H^*_- = R50Y_-$

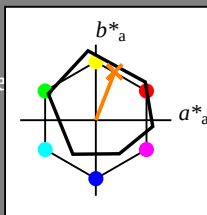
Datos del dispositivo (d) o elemental (e) color:

HIC^*_-

código de tono para les colore esta página:

$H^*_- = R50Y_-$

triângulo 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):

$LabCh^*_{-,Ma}$: 68 25 63 68 68

$HIC^*_{-,Ma}$: R50Y_100_100_

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

1.0 0.5 0.0 1.0 1.0

triângulo 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

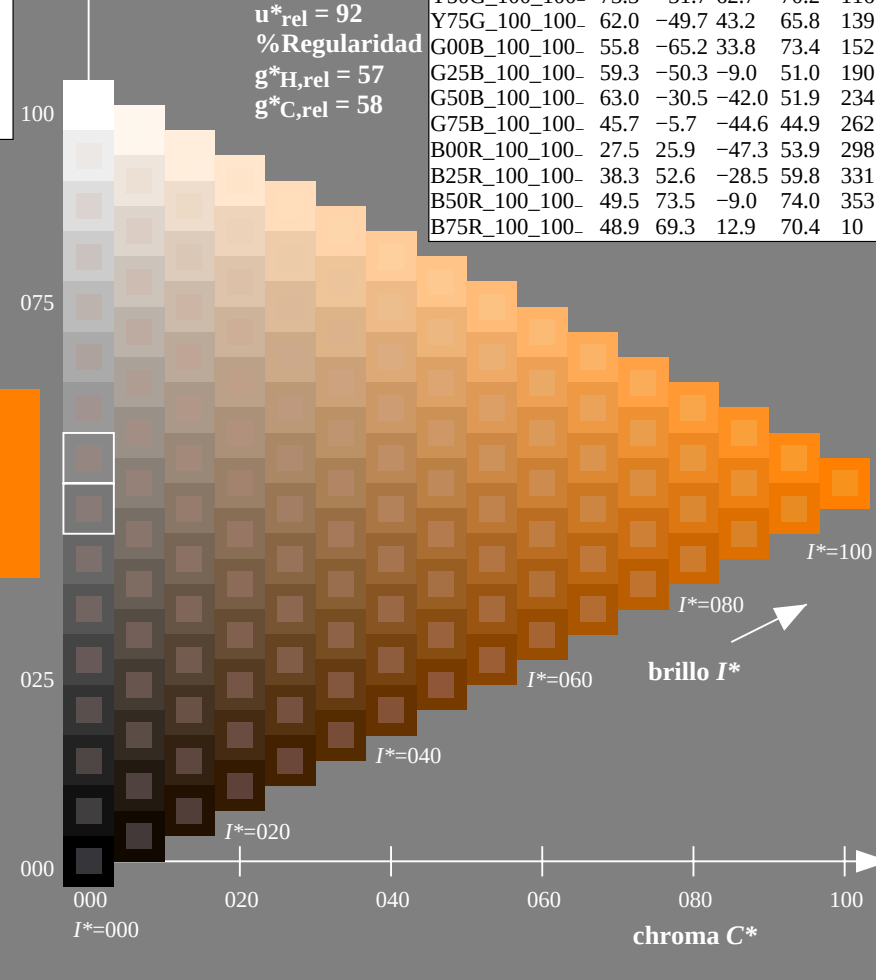
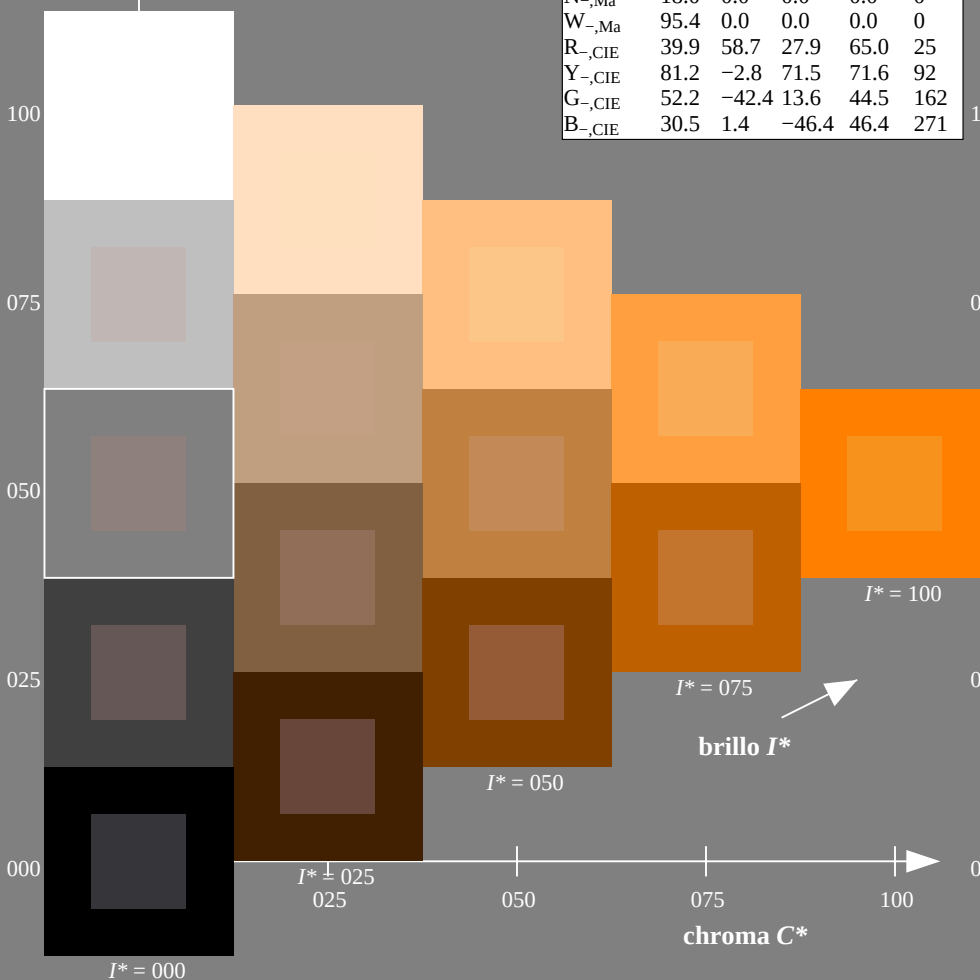


gráfico TUB-QS13; código de tono: $H^*_- = R50Y_-$
gráfico según a DIN 33872, 3D=1, de=1, cmk^*

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

Entrada i salida: Offset Reflective System ORS18a for relative CIELAB hue $h_{ab,a,rel} = h_{ab}/360 = 58/360 = 0.16$

$H^*_e = R50Y_e$

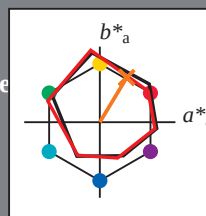
Datos del dispositivo (d) o elemental (e) color:

HIC^*_e

código de tono para los colores de esta página:

$H^*_e = R50Y_e$

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	47.6	64.9	30.9	71.9	25
Y _e ,Ma	82.9	-3.5	87.8	87.9	92
G _e ,Ma	52.4	-67.1	21.5	70.5	162
C _e ,Ma	56.6	-39.7	-29.9	49.8	216
B _e ,Ma	37.9	1.3	-45.4	45.4	271
M _e ,Ma	34.8	49.2	-30.0	57.7	328
N _e ,Ma	17.7	0.0	0.0	0.0	0
W _e ,Ma	95.4	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):

$LabCh^*_e, Ma$: 60 35 59 68 58

HIC^*_e, Ma : R50Y_100_100_e

$rgbic^*_e, Ma$:

1.0 0.34 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	47.6	64.9	30.9	71.9	25
R25Y_100_100 _e	51.5	54.2	47.2	71.9	41
R50Y_100_100 _e	60.3	35.6	59.0	68.9	58
R75Y_100_100 _e	70.4	17.0	72.2	74.1	76
Y00G_100_100 _e	82.9	-3.5	87.8	87.9	92
Y25G_100_100 _e	76.9	-25.5	75.9	80.1	108
Y50G_100_100 _e	65.8	-41.4	54.4	68.3	127
Y75G_100_100 _e	56.9	-56.3	38.1	68.0	145
G00B_100_100 _e	52.4	-67.1	21.5	70.5	162
G25B_100_100 _e	54.6	-53.2	-9.0	53.9	189
G50B_100_100 _e	56.6	-39.7	-29.9	49.8	216
G75B_100_100 _e	52.7	-21.1	-44.1	48.9	244
B00R_100_100 _e	37.9	1.3	-45.4	45.4	271
B25R_100_100 _e	26.7	26.6	-45.8	52.9	300
B50R_100_100 _e	34.8	49.2	-30.0	57.7	328
B75R_100_100 _e	47.3	71.5	-9.9	72.1	352

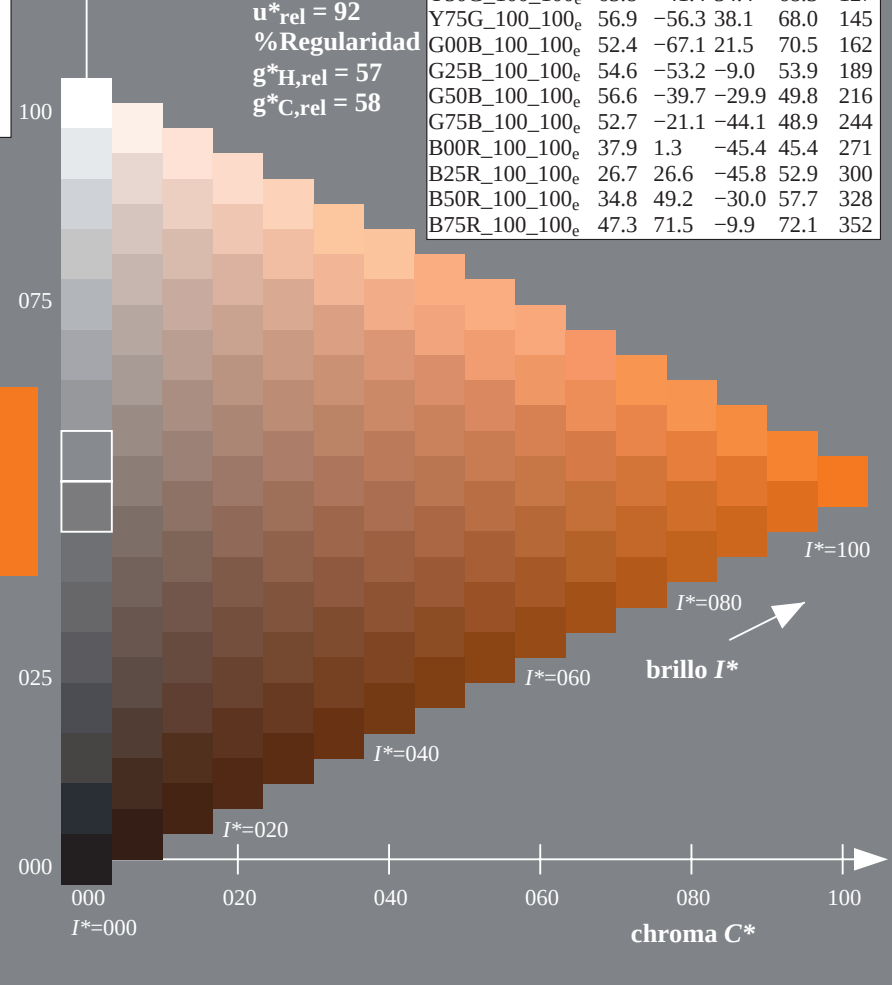
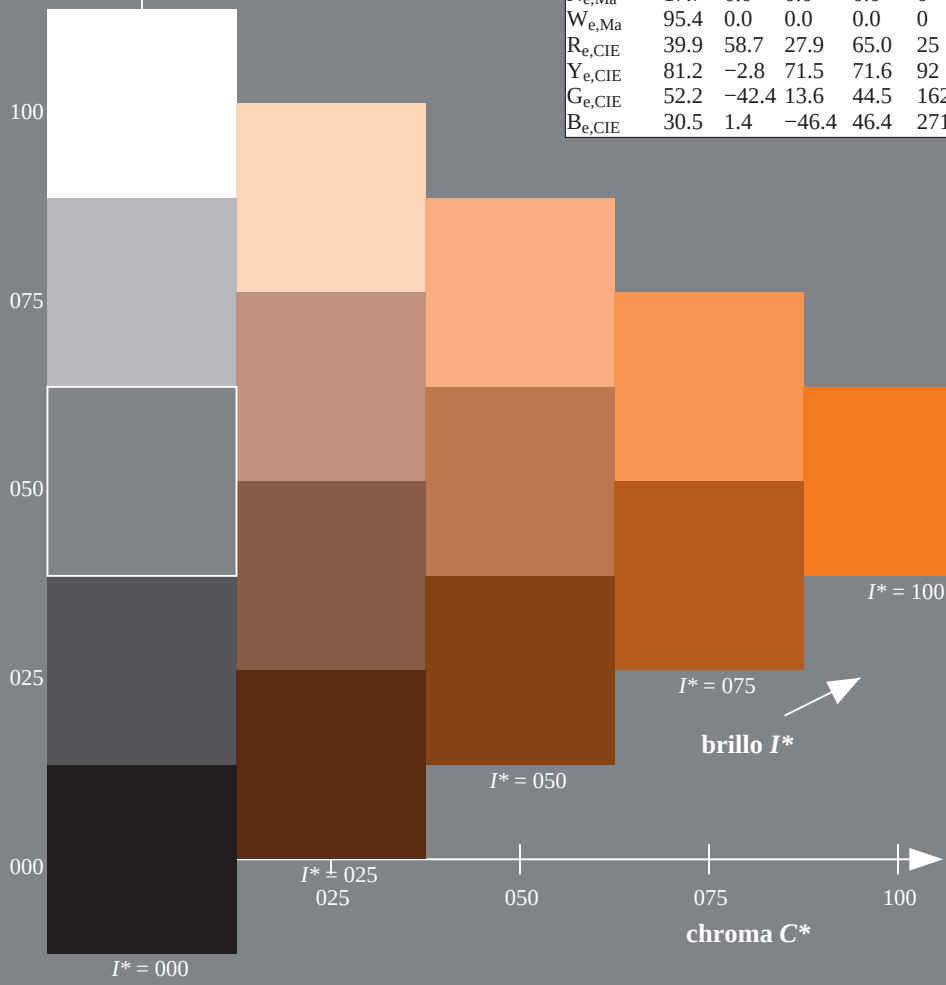


gráfico TUB-QS13; código de tono: $H^*_e=R50Y_e$
gráfico según a DIN 33872, 3D=1, de=1, $cmYk^*$

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

TUB matrícula: 20130201-QS13/QS13L0FP.PDF /.PS
aplicación para la medida salida en la impresión offset, separación $cmYk^*$ (CMYK)

TUB material: code=rha4ta