

Entrada i salida: Offset Reflective System ORS18a for relative CIELAB hue $h_{ab,a,rel} = h_{ab}/360 = 139/360 = 0.38$

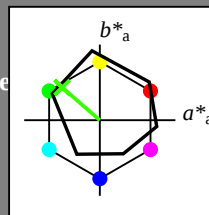
Datos del dispositivo (d) o elemental (e) color:

HIC^*

código de tono para les colore
esta página:

$H^*_ = Y75G_-$

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):

$LabCh^*_{-,Ma}$: 62 -49 43 65 139

$HIC^*_{-,Ma}$: Y75G_{-,100_100-}

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

0.23 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

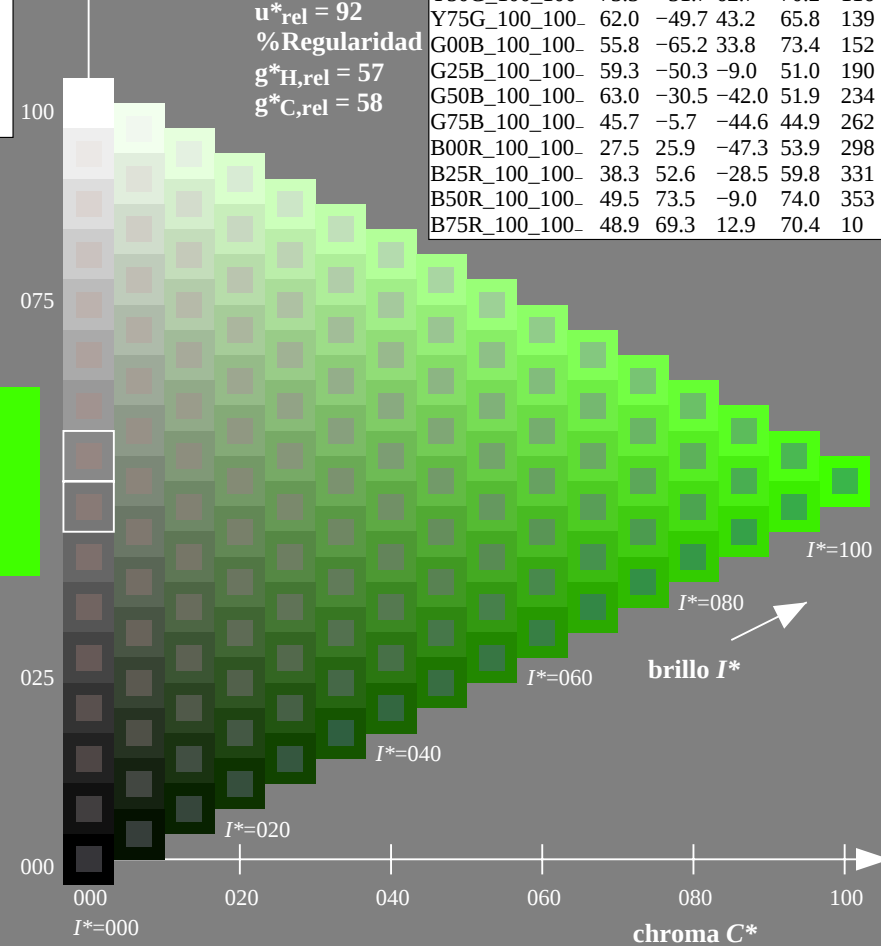
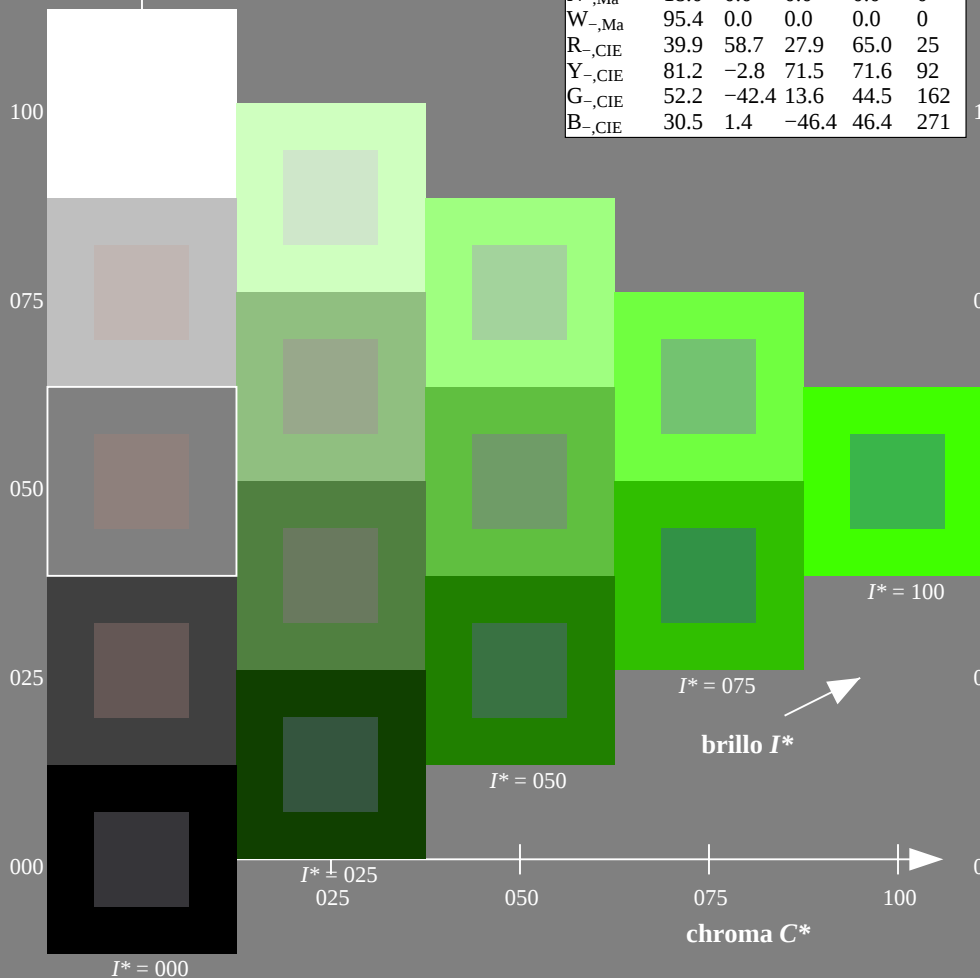


gráfico TUB-QS63; código de tono: $H^*_ = Y75G_-$
gráfico según a DIN 33872, 3D=1, de=0, cmk^*

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

Entrada i salida: Offset Reflective System ORS18a for relative CIELAB hue $h_{ab,a,rel} = h_{ab}/360 = 136/360 = 0.37$

$H^*_d = Y75G_d$

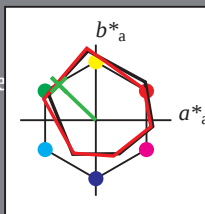
Datos del dispositivo (d) o elemental (e) color:

HIC^*_d

código de tono para los colores
esta página:

$H^*_d = Y75G_d$

triángulo 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):

$LabCh^*_d, Ma$: 60 -48 46 67 136

HIC^*_d, Ma : Y75G_100_100d

$rgbic^*_d, Ma$:

0.23 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^*_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

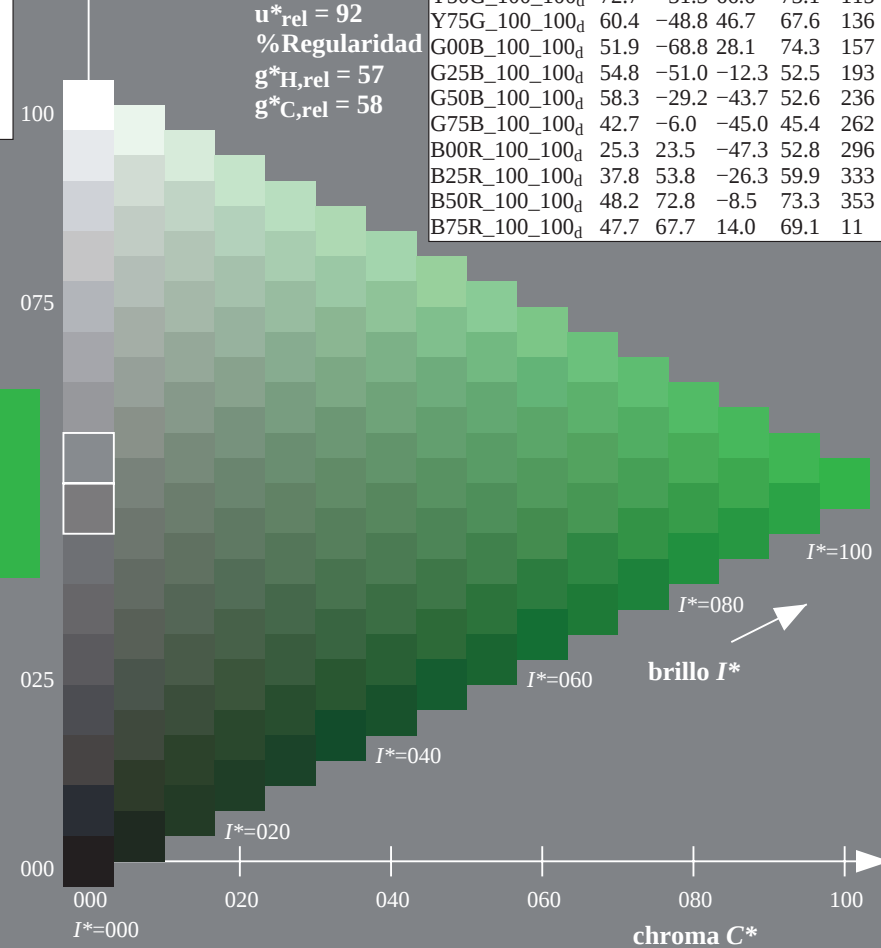
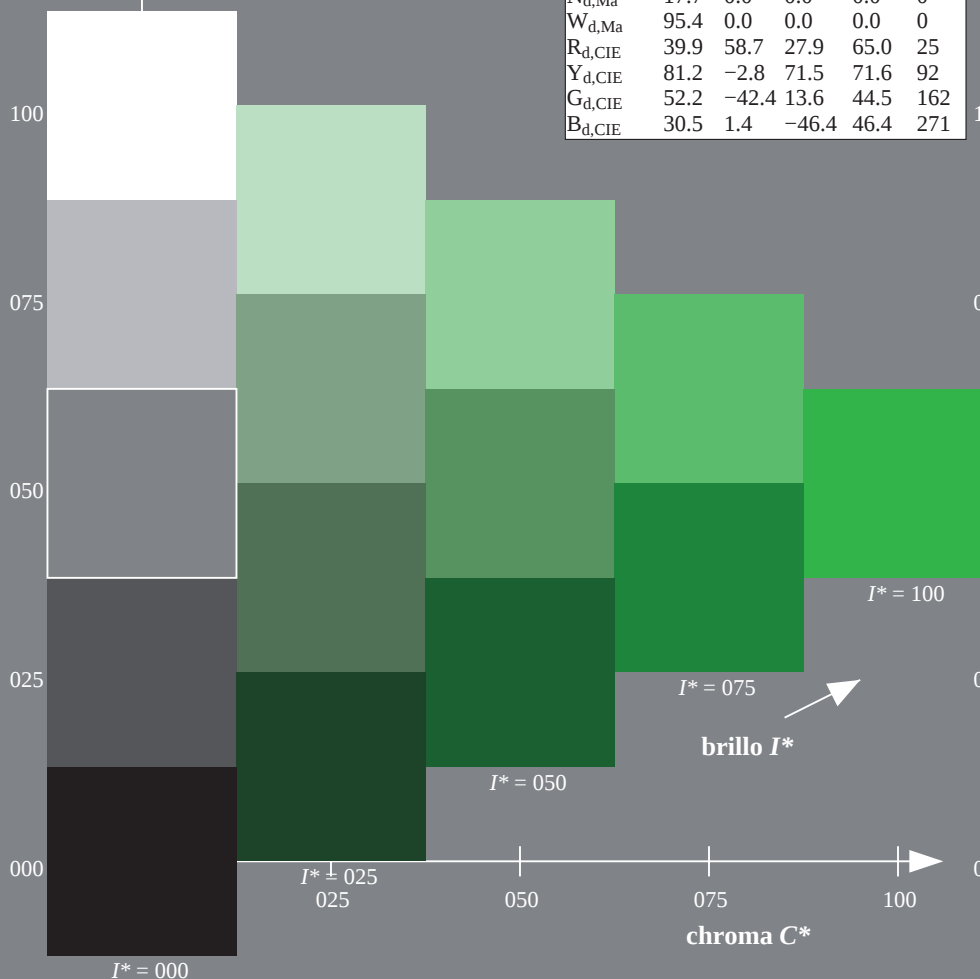


gráfico TUB-QS63; código de tono: $H^*_d = Y75G_d$
gráfico según a DIN 33872, 3D=1, de=0, $cmyk^*$

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

TUB matrícula: 20130201-QS63/QS63L0FP.PDF /.PS
aplicación para la medida salida en la impresión offset, separación $cmyk^*$ (CMYK)

TUB material: code=rha4ta

Entrada i salida: Offset Reflective System ORS18a for relative CIELAB hue $h_{ab,a,rel} = h_{ab}/360 = 139/360 = 0.38$

$H^*_- = Y75G_-$

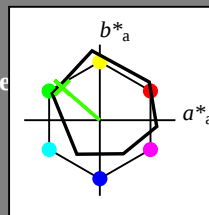
Datos del dispositivo (d) o elemental (e) color:

HIC^*_-

código de tono para les colore esta página:

$H^*_- = Y75G_-$

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):

$LabCh^*_{-,Ma}$: 62 -49 43 65 139

$HIC^*_{-,Ma}$: Y75G_{100_100}

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

0.23 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

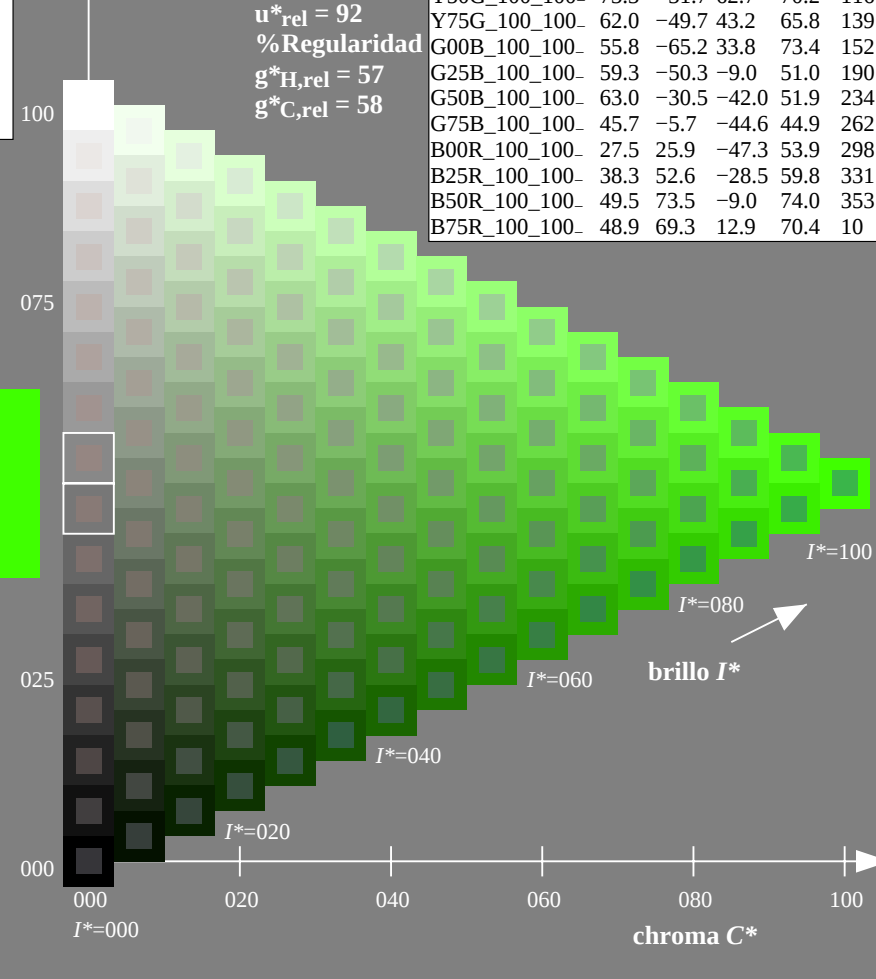
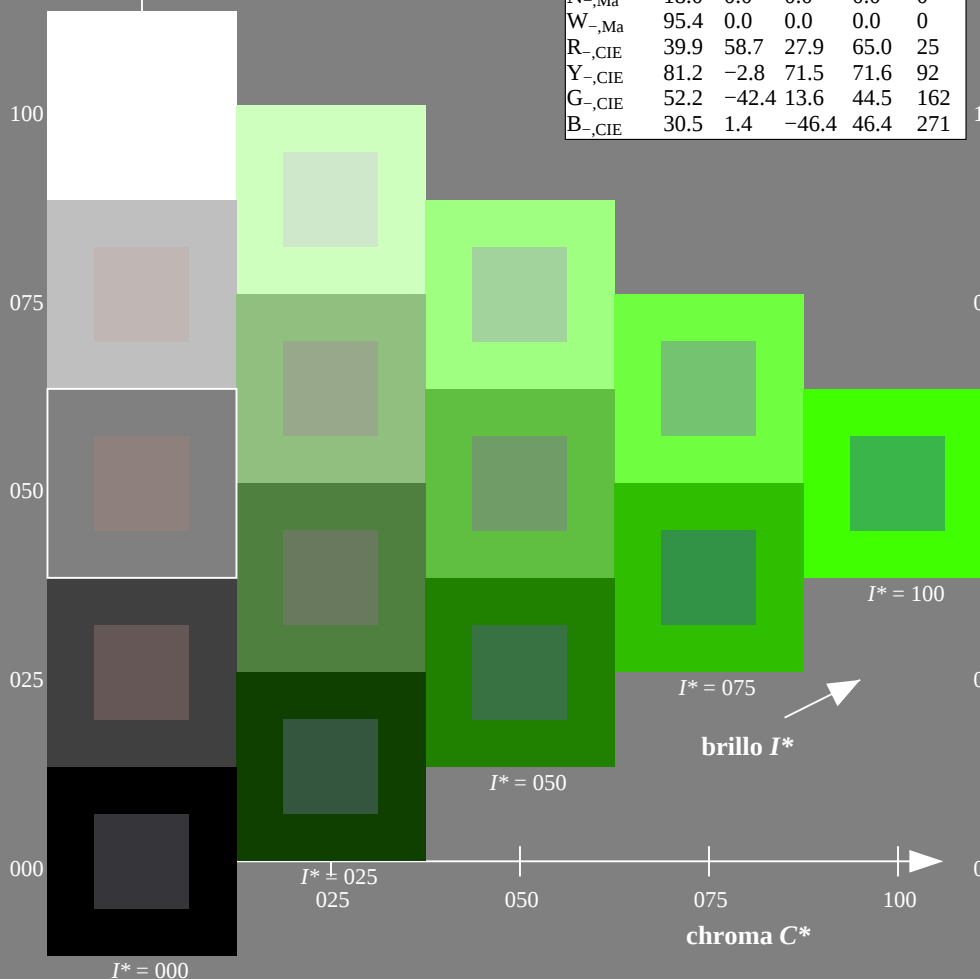


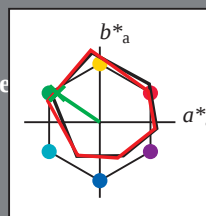
gráfico TUB-QS63; código de tono: $H^*_- = Y75G_-$
gráfico según a DIN 33872, 3D=1, de=1, cmk^*

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

Entrada i salida: Offset Reflective System ORS18a for relative CIELAB hue $h_{ab,a,rel} = h_{ab}/360 = 145/360 = 0.4$

$H^*_e = Y75G_e$

Datos del dispositivo (d) o elemental (e) color:
 HIC^*_e
código de tono para les colore esta página:
 $H^*_e = Y75G_e$
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	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: 56 -56 38 68 145

HIC^*_e ,Ma: Y75G_100_100_e

rgbic^{*}_e,Ma:

0.11 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	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

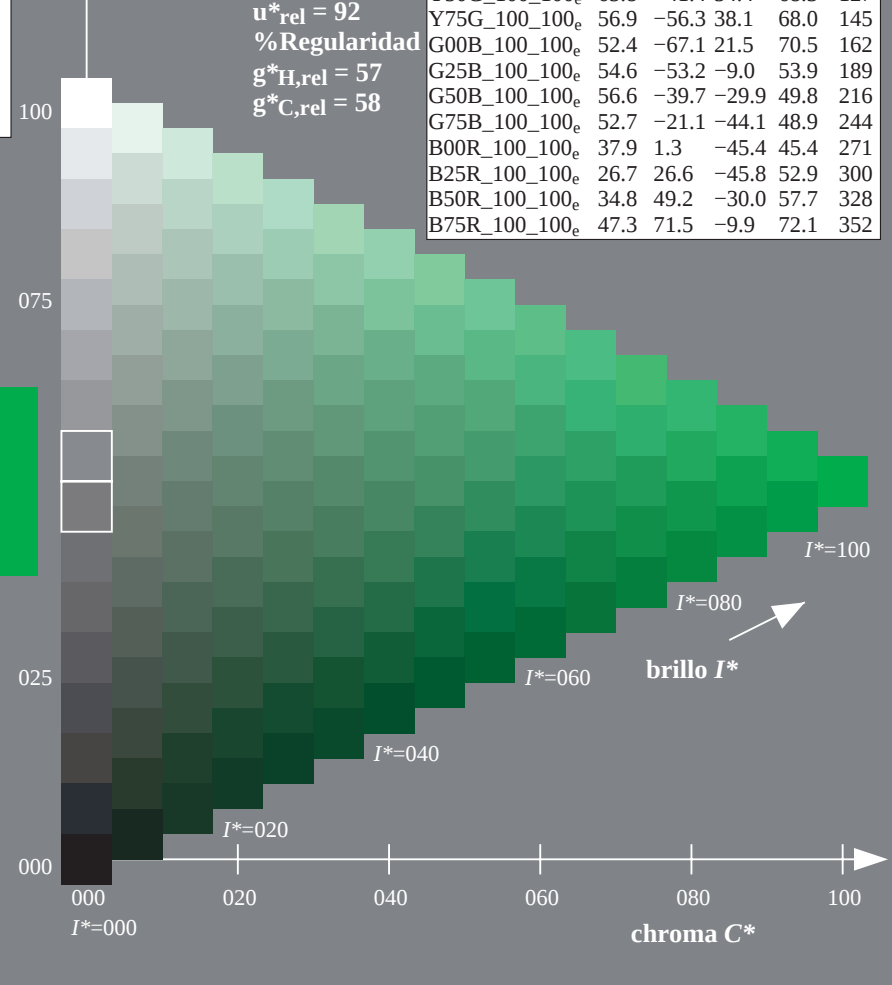
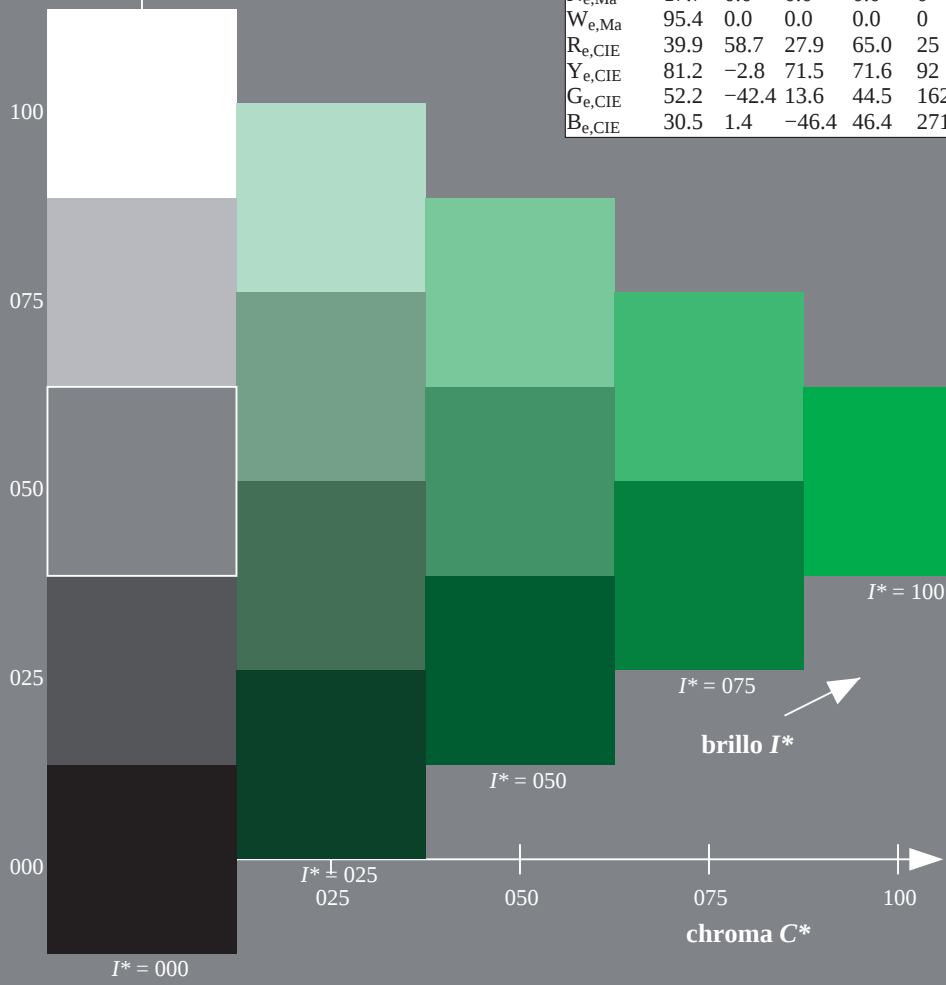


gráfico TUB-QS63; código de tono: $H^*_e=Y75G_e$
gráfico según a DIN 33872, 3D=1, de=1, cmyk*

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

TUB matrícula: 20130201-QS63/QS63L0FP.PDF /.PS
aplicación para la medida salida en la impresión offset, separación cmyk* (CMYK)

TUB material: code=rha4ta