

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

$H^*_{-} = R50Y_{-}$

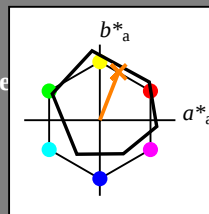
Datos del dispositivo (d) o elemental (e) color:

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

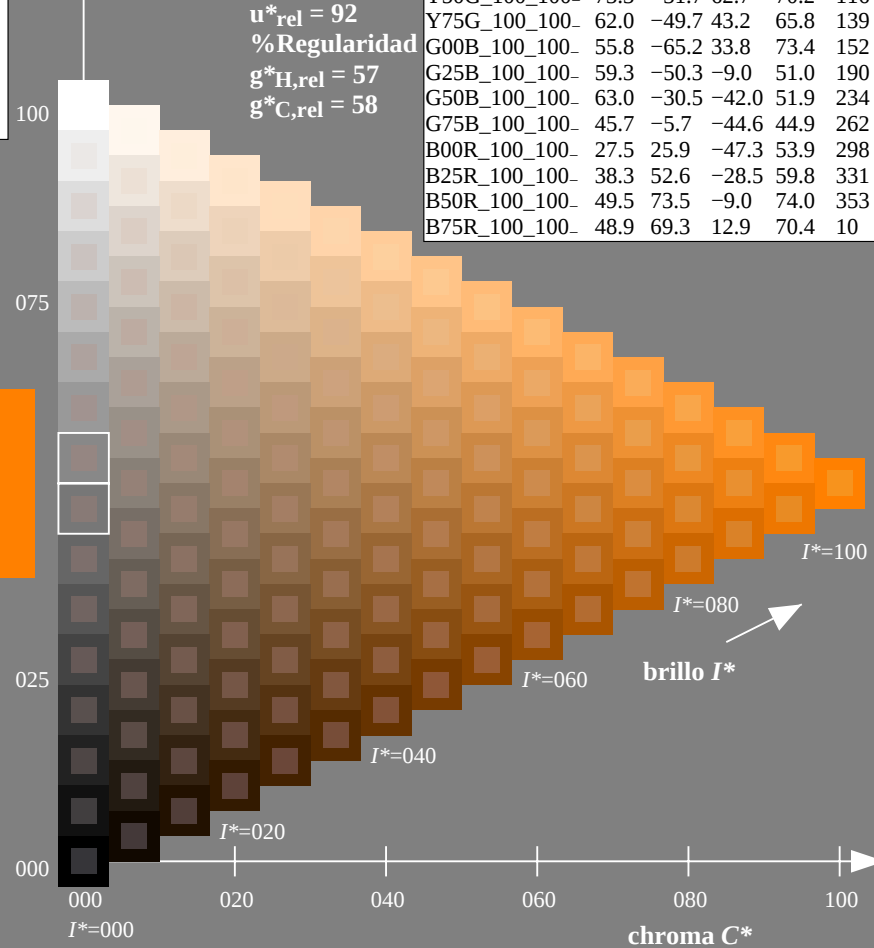
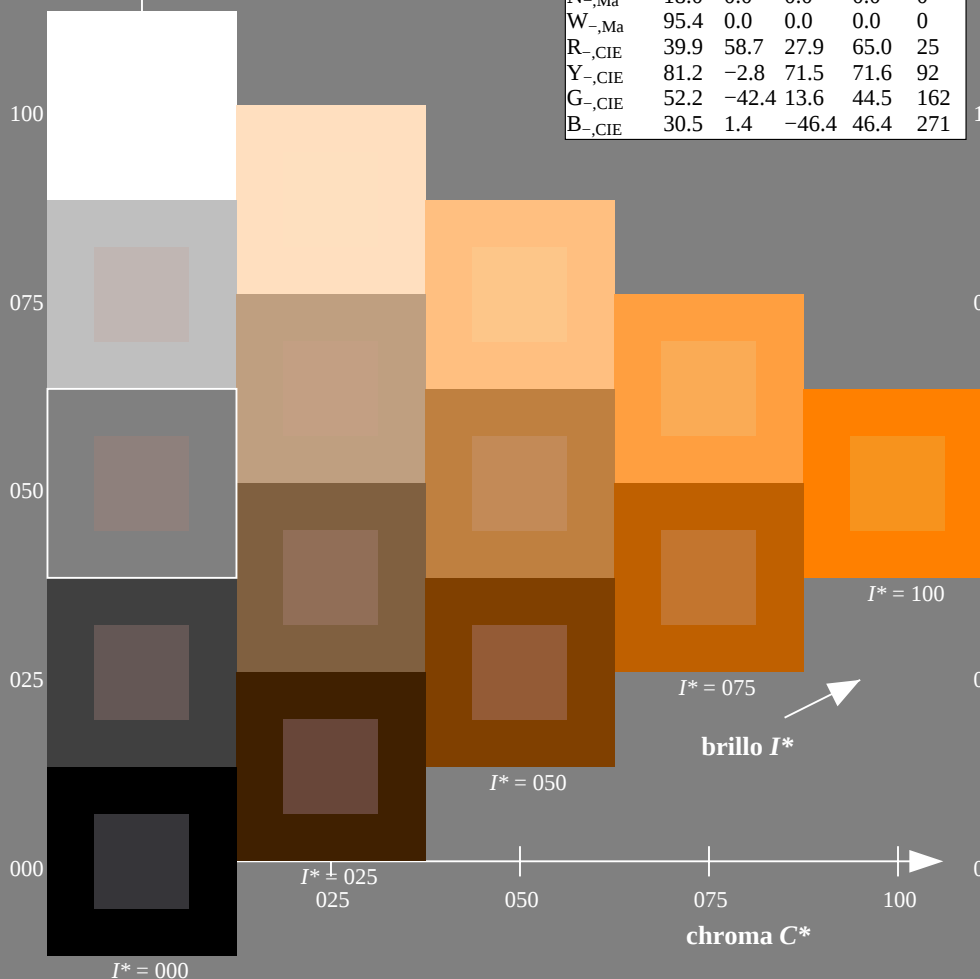


gráfico TUB-QS15; código de tono: $H^*_{-}=R50Y_{-}$
gráfico según a DIN 33872, 3D=1, de=1, cmk^*

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

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

$H^*_e = R50Y_e$

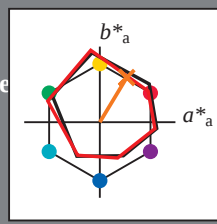
Datos del dispositivo (d) o elemental (e) color:

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

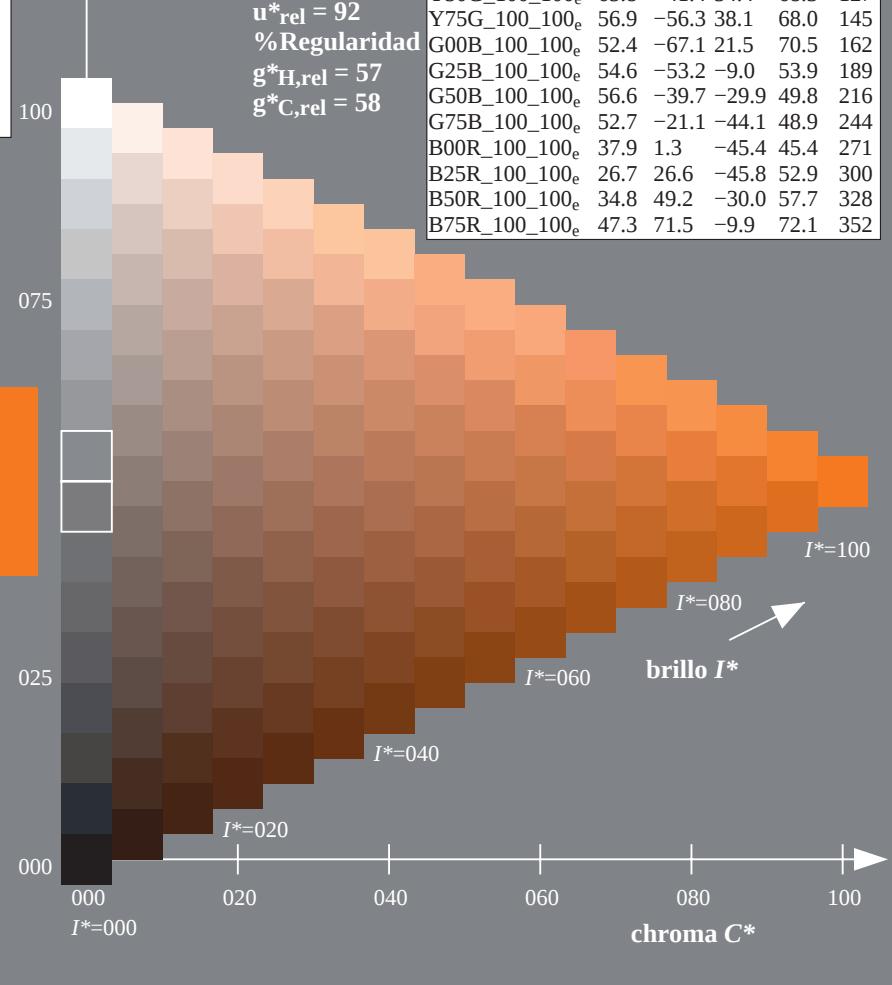
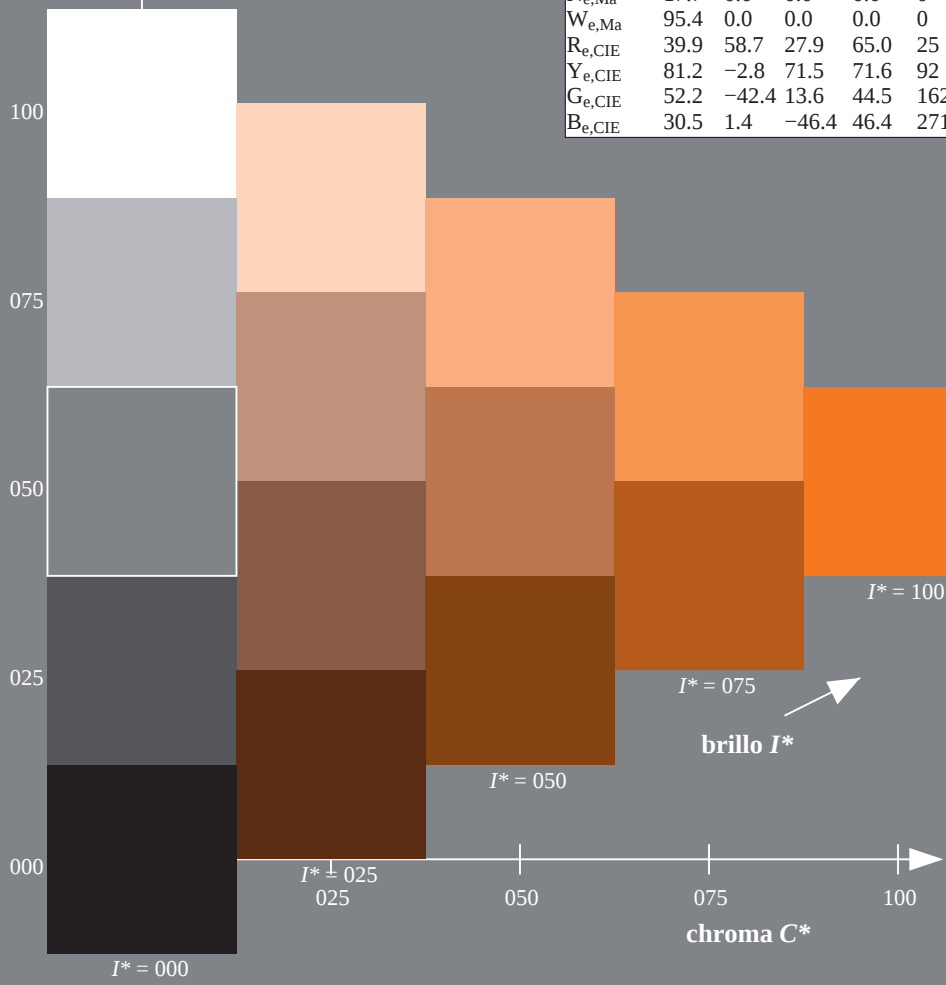


gráfico TUB-QS15; código de tono: $H^*_e=R50Y_e$
gráfico según a DIN 33872, 3D=1, de=1, $cmYk^*$

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

TUB matrícula: 20130201-QS15/QS15L0FA.TXT /.PS
aplicación para la medida salida en la impresión offset, separación $cmYk^*$ (CMYK)

TUB material: code=rha4ta

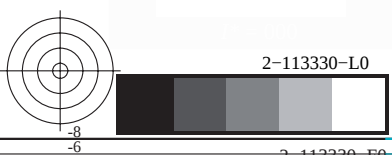
vea archivos semejantes: <http://130.149.60.45/~farbmetrik/QS15/QS15.HTM>
información técnica: <http://www.ps.bam.de> o <http://130.149.60.45/~farbmetrik>

TUB matrícula: 20130201-QS15/QS15L0FA.TXT /PS TUB material: code=rha4ta
aplicación para la medida salida en la impresión offset, separación cmyk* (CMYK)





vea archivos semejantes: <http://130.149.60.45/~farbmetrik/QS15/QS15.HTM>
información técnica: <http://www.ps.bam.de> o <http://130.149.60.45/~farbmetrik>



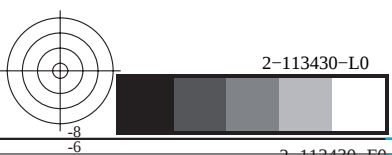
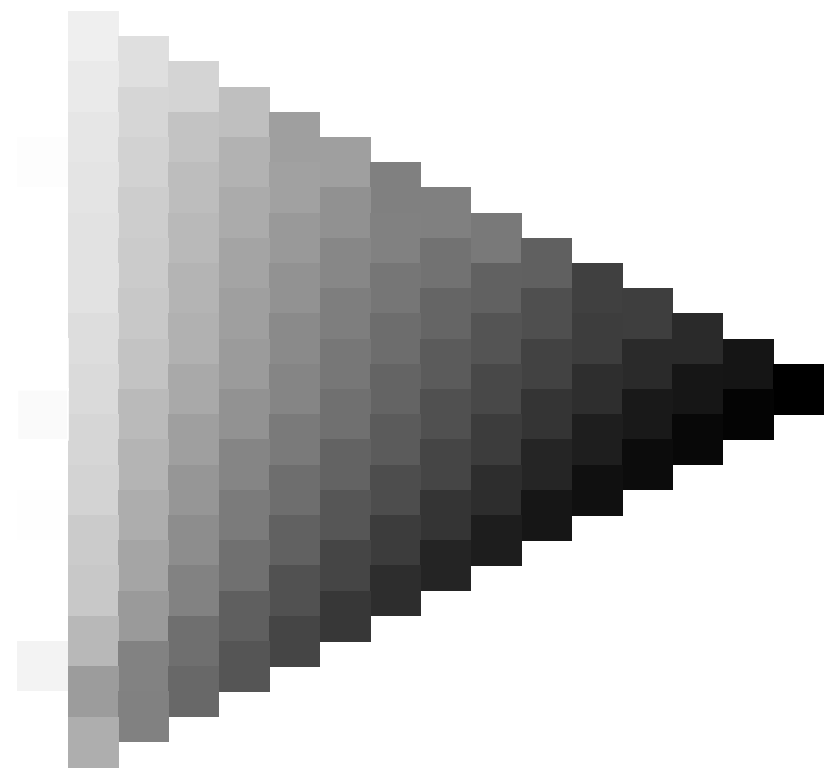
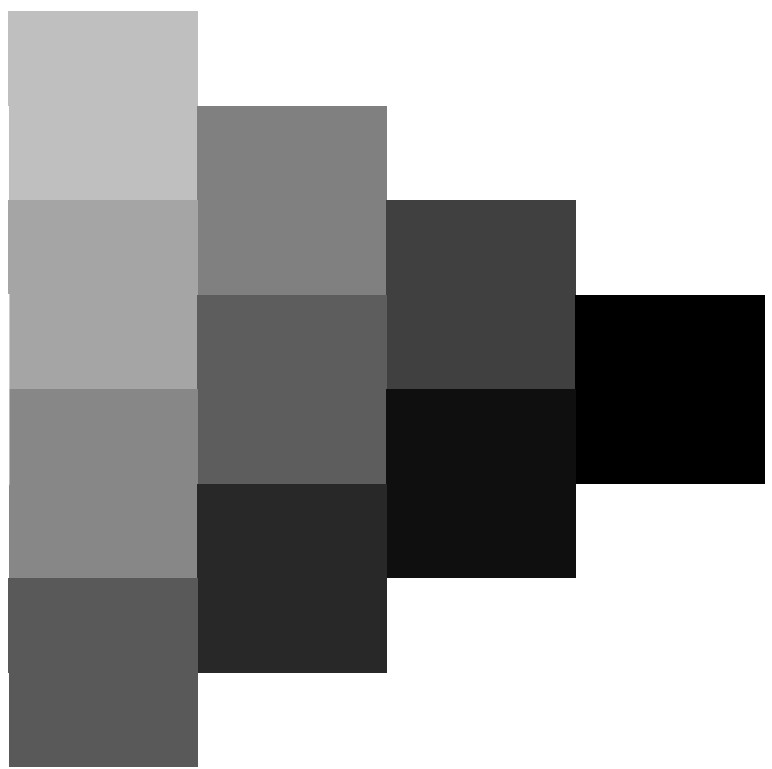
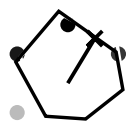
2-113330-L0 QS150-73

gráfico TUB-QS15; 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 $cmyk^*_{de}$



vea archivos semejantes: <http://130.149.60.45/~farbmetrik/QS15/QS15.HTM>
información técnica: <http://www.ps.bam.de> o <http://130.149.60.45/~farbmetrik>



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

$H^*_e = R50Y_e$

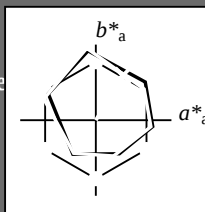
Datos del dispositivo (d) o elemental (e) color:

HIC^*_e

código de tono para les colore
esta página:

$H^*_e = R50Y_e$

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):

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

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

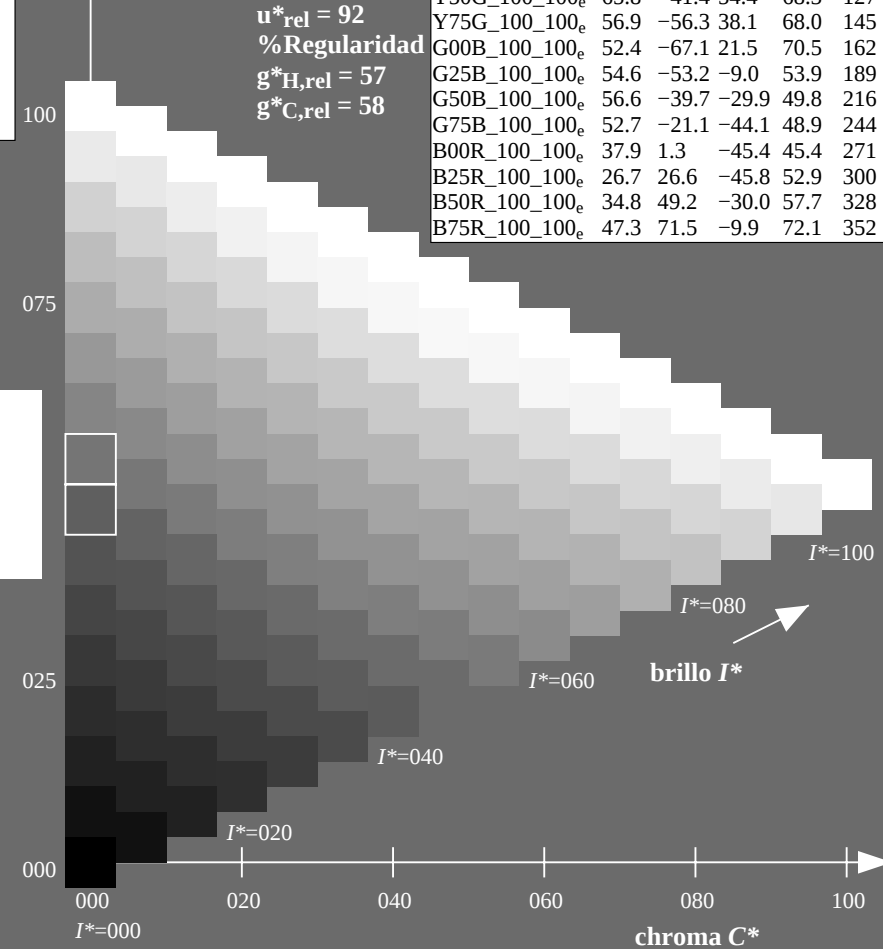
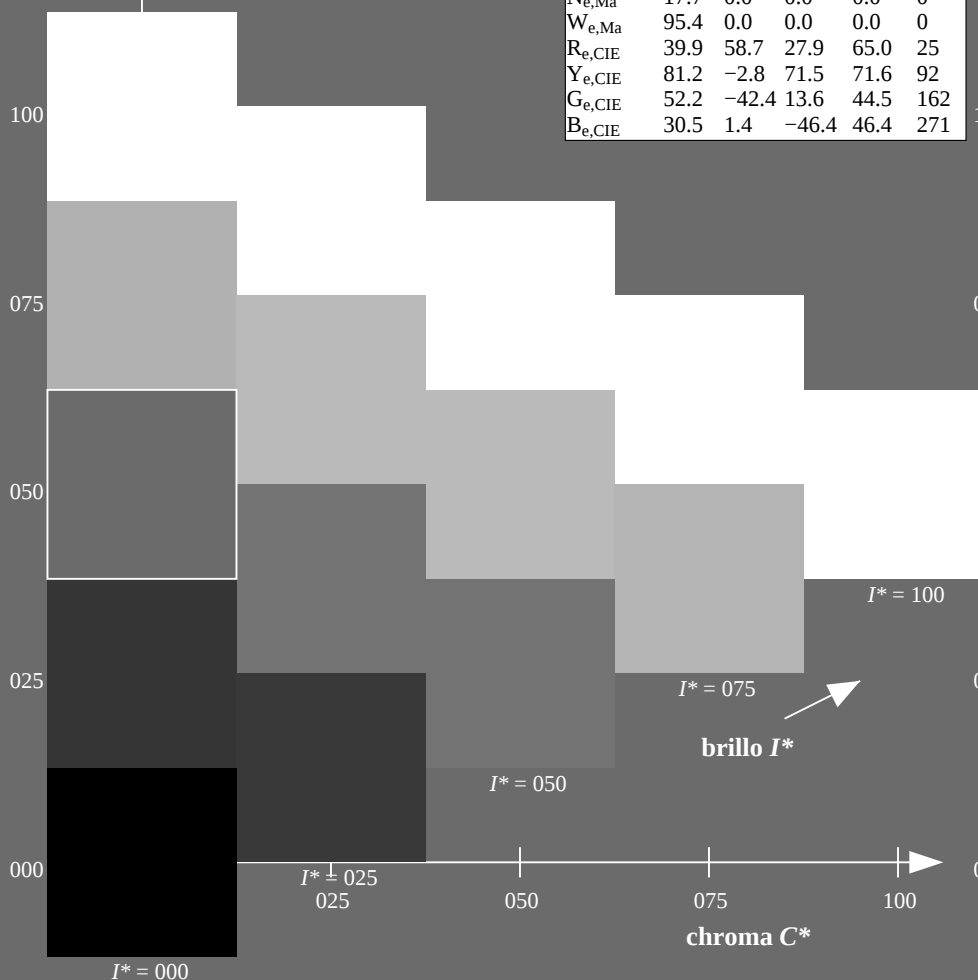


gráfico TUB-QS15; código de tono: $H^*_e=R50Y_e$
gráfico según a DIN 33872, 3D=1, de=1, $cmYk^*$

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

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

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

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

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

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

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

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

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

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

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

B_e
 $LCH^*_e = 37.9 \ 45.4 \ 271.7$
 $LAB^*_e = 37.9 \ 1.3 \ -45.4$
 $rgb^*_{de} = 0.0 \ 0.374 \ 1.0$

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

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

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

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

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

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

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

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

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

$rgb^*_d, LCH^*_d, LAB^*_d$
 $h_{ab,s}, rgb^*_s$

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

$h_{ab,s}$

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

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

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

$h_{ab,e}$

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

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

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

$h_{ab,d}$

rgb^*_{de}

2-113630-L0 QS150-73 LAB*1a0, YN=0%, XYZZnw=2.4, 2.5, 2.6, 85.1, 88.8, 104.3, LAB*nw=17.7, 0.0, 0.0, 95.5, 0.0, 0.0

gráfico TUB-QS15; código de tono: $H^*_e=R50Y_e$
círculo de tono, 48 pasos; $rgb-LabCh^*$ mesas

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

salida: Offset standard print; separation cmyn6*, D65, página 7/33

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

Six hue angles of the device colours <i>RYGBM</i> _d : <i>h</i> _{ab,d} = 32.8, 97.2, 157.8, 236.2, 296.4, 353.3; Six hue angles of the elementary colours <i>RYGBM</i> _e : <i>h</i> _{ab,e} = 25.5, 92.3, 162.2, 217.0, 271.7, 328.6																																		
<i>h</i> _{ab,d}	<i>h</i> _{ab,s}	<i>h</i> _{ab,e}	<i>rgb</i> [*] _{dd64M}	<i>LAB</i> [*] _{ddx64M} (x=LabCh)	<i>rgb</i> [*] _{ddx361M}	<i>LAB</i> [*] _{ddx361M} (x=LabCh)	<i>rgb</i> [*] _{dsx361M}	<i>LAB</i> [*] _{dsx361M} (x=LabCh)	<i>rgb</i> [*] _{dex361M}	<i>LAB</i> [*] _{dex361M}																								
32.8	30.0	25.4	1.0	0.0	0.0	47.3	63.8	41.2	76.0	32.8	1.0	0.0	0.0	47.4	63.9	41.2	76.0	32	1.0	0.0	0.084	47.4	64.3	37.1	74.3	30	1.0	0.0	0.209	47.6	64.9	30.9	71.9	25
40.4	37.5	33.8	1.0	0.125	0.0	51.2	54.9	46.7	72.1	40.4	1.0	0.117	0.0	51.0	55.5	46.5	72.4	39	1.0	0.069	0.0	49.5	59.0	44.5	73.9	37	1.0	0.007	0.0	47.6	63.4	41.6	75.8	33
50.0	45.0	42.1	1.0	0.25	0.0	56.0	44.4	53.0	69.1	50.0	1.0	0.25	0.0	56.0	44.4	53.0	69.2	50	1.0	0.185	0.0	53.5	50.0	50.0	70.7	45	1.0	0.148	0.0	52.1	53.0	48.1	71.6	42
61.1	52.5	50.5	1.0	0.375	0.0	61.4	33.2	60.3	68.8	61.1	1.0	0.367	0.0	61.1	34.0	59.9	68.9	60	1.0	0.272	0.0	57.0	42.6	54.5	69.1	52	1.0	0.25	0.0	56.0	44.5	53.0	69.2	49
71.4	60.0	58.8	1.0	0.5	0.0	67.2	22.6	67.6	71.2	71.4	1.0	0.5	0.0	67.2	22.6	67.6	71.3	71	1.0	0.362	0.0	60.9	34.5	59.7	68.9	60	1.0	0.35	0.0	60.3	35.6	59.0	69.0	58
81.7	67.5	67.2	1.0	0.625	0.0	73.6	11.0	76.1	76.9	81.7	1.0	0.617	0.0	73.2	11.9	75.7	76.6	81	1.0	0.446	0.0	64.7	27.4	64.7	70.3	67	1.0	0.442	0.0	64.5	27.8	64.5	70.2	66
88.5	75.0	75.6	1.0	0.75	0.0	79.2	2.0	83.0	83.1	88.5	1.0	0.75	0.0	79.3	2.0	83.1	83.1	88	1.0	0.543	0.0	69.4	19.0	70.7	73.2	75	1.0	0.55	0.0	69.8	18.3	71.3	73.6	75
93.6	82.5	83.9	1.0	0.875	0.0	84.2	-5.7	89.4	89.6	93.6	1.0	0.867	0.0	84.0	-5.1	89.1	89.2	93	1.0	0.629	0.0	73.8	10.7	76.5	77.2	82	1.0	0.655	0.0	75.0	9.0	77.9	78.5	83
97.1	90.0	92.3	1.0	1.0	0.0	88.3	-11.9	95.1	95.8	97.1	1.0	1.0	0.0	88.4	-11.9	95.1	95.9	97	1.0	0.785	0.0	80.7	0.0	84.9	84.9	90	1.0	0.842	0.0	83.0	-3.4	77.8	87.9	92
100.3	97.5	101.0	0.875	1.0	0.0	85.8	-16.2	88.6	90.0	100.3	0.883	1.0	0.0	86.0	-15.9	89.0	90.5	100	1.0	0.994	0.0	88.2	-11.5	94.8	95.6	97	0.871	1.0	0.0	85.8	-16.2	88.4	89.9	100
103.3	105.0	109.7	0.75	1.0	0.0	82.9	-19.7	83.0	85.3	103.3	0.75	1.0	0.0	83.0	-19.6	83.0	85.3	103	0.709	1.0	0.0	81.0	-21.6	80.9	83.7	105	0.599	1.0	0.0	76.2	-26.6	74.3	78.9	109
108.3	112.5	118.5	0.625	1.0	0.0	77.0	-25.2	76.3	80.4	108.3	0.633	1.0	0.0	77.5	-24.8	76.8	80.8	107	0.56	1.0	0.0	74.9	-28.6	71.1	76.6	112	0.455	1.0	0.0	71.4	-33.4	63.2	71.6	117
115.3	120.0	127.2	0.5	1.0	0.0	72.7	-31.3	66.0	73.1	115.3	0.5	1.0	0.0	72.8	-31.3	66.1	73.1	115	0.418	1.0	0.0	70.3	-35.1	60.9	70.3	120	0.327	1.0	0.0	65.8	-41.3	54.4	68.4	127
122.4	127.5	136.0	0.375	1.0	0.0	68.9	-36.9	58.1	68.8	122.4	0.383	1.0	0.0	69.2	-36.5	58.6	69.1	121	0.329	1.0	0.0	66.0	-41.1	54.6	68.4	127	0.244	1.0	0.0	60.7	-48.1	47.5	67.6	135
134.9	135.0	144.7	0.25	1.0	0.0	60.8	-47.8	47.8	67.6	134.9	0.25	1.0	0.0	60.9	-47.7	47.9	67.7	134	0.249	1.0	0.0	60.9	-47.7	47.8	67.7	135	0.124	1.0	0.0	57.4	-54.9	38.9	67.4	144
144.6	142.5	153.4	0.125	1.0	0.0	57.4	-54.9	38.9	67.3	144.6	0.133	1.0	0.0	57.6	-54.4	39.6	67.4	144	0.159	1.0	0.0	58.4	-53.0	41.5	67.4	142	0.047	1.0	0.0	54.0	-63.8	32.7	71.7	152
157.7	150.0	162.2	0.0	1.0	0.0	51.9	-68.8	28.1	74.3	157.7	0.0	1.0	0.0	52.0	-68.8	28.1	74.4	157	0.074	1.0	0.0	55.2	-60.7	35.1	70.2	150	0.0	1.0	0.093	52.4	-67.0	21.5	70.5	162
163.7	157.5	169.0	0.0	1.0	0.125	52.5	-66.4	19.3	69.1	163.7	0.0	1.0	0.117	52.5	-66.5	19.9	69.5	163	0.008	1.0	0.0	52.3	-68.0	28.9	73.9	157	0.0	1.0	0.209	53.1	-63.5	12.8	64.9	168
170.9	165.0	175.9	0.0	1.0	0.25	53.2	-61.9	9.8	62.7	170.9	0.0	1.0	0.25	53.3	-61.9	9.8	62.8	170	0.0	1.0	0.147	52.7	-65.7	17.6	68.1	165	0.0	1.0	0.311	53.7	-59.7	4.3	59.9	175
181.0	172.5	182.7	0.0	1.0	0.375	54.1	-56.9	-1.0	56.9	181.0	0.0	1.0	0.367	54.0	-57.3	-0.3	57.4	180	0.0	1.0	0.263	53.4	-61.5	8.7	62.2	172	0.0	1.0	0.387	54.2	-56.4	-2.2	56.5	182
193.5	180.0	189.6	0.0	1.0	0.5	54.8	-51.0	-12.3	52.5	193.5	0.0	1.0	0.5	54.8	-51.0	-12.2	52.6	193	0.0	1.0	0.362	54.0	-57.5	0.0	57.6	180	0.0	1.0	0.46	54.6	-53.1	-8.9	54.0	189
205.9	187.5	196.4	0.0	1.0	0.625	55.8	-45.1	-21.9	50.1	205.9	0.0	1.0	0.617	55.8	-45.5	-21.3	50.3	205	0.0	1.0	0.434	54.5	-54.4	-6.6	54.9	187	0.0	1.0	0.524	55.0	-50.0	-14.3	52.1	195
218.4	195.0	203.2	0.0	1.0	0.75	56.7	-38.9	-30.9	49.7	218.4	0.0	1.0	0.75	56.8	-38.9	-30.8	49.8	218	0.0	1.0	0.514	55.0	-50.4	-13.4	52.3	195	0.0	1.0	0.598	55.6	-46.5	-19.9	50.7	203
227.3	202.5	210.1	0.0	1.0	0.875	57.5	-34.3	-37.2	50.6	227.3	0.0	1.0	0.867	57.5	-34.6	-36.8	50.6	226	0.0	1.0	0.585	55.5	-47.1	-19.0	50.9	202	0.0	1.0	0.662	56.1	-43.4	-24.7	50.1	209
236.1	210.0	216.9	0.0	1.0	1.0	58.3	-29.2	-43.7	52.6	236.1	0.0	1.0	1.0	58.3	-29.2	-43.6	52.6	236	0.0	1.0	0.666	56.1	-43.2	-24.9	50.0	210	0.0	1.0	0.736	56.7	-39.7	-29.9	49.8	216
240.3	217.5	223.8	0.0	0.875	1.0	55.2	-25.0	-43.9	50.5	240.3	0.0	0.883	1.0	55.5	-25.2	-43.8	50.7	240	0.0	1.0	0.736	56.7	-39.7	-29.9	49.8	217	0.0	1.0	0.819	57.2	-36.4	-34.4	50.3	223
245.8	225.0	230.6	0.0	0.75	1.0	51.7	-19.7	-44.1	48.3	245.8	0.0	0.75	1.0	51.8	-19.7	-44.1	48.4	245	0.0	1.0	0.842	57.4	-35.6	-35.6	50.4	225	0.0	1.0	0.922	57.9	-32.5	-39.7	51.4	230
252.5	232.5	237.5	0.0	0.625	1.0	47.7	-13.9	-44.4	46.5	252.5	0.0	0.633	1.0	48.0	-14.2	-44.3	46.7	252	0.0	1.0	0.941	58.0	-31.7	-40.7	51.7	232	0.0	0.974	1.0	57.7	-28.3	-43.7	52.2	237
262.3	240.0	244.3	0.0	0.5	1.0	42.7	-6.0	-45.0	45.4	262.3	0.0	0.5	1.0	42.8	-5.9	-44.9	45.4	262	0.0	0.886	1.0	55.5	-25.3	-43.8	50.7	240	0.0	0.785	1.0	52.7	-21.1	-44.1	49.0	244
271.7	247.5	251.2	0.0	0.375	1.0	37.9	1.3	-45.4	45.4	271.7	0.0	0.383	1.0	38.3	0.9	-45.3	45.4	271	0.0	0.729	1.0	51.1	-18.7	-44.2	48.1	247	0.0	0.659	1.0	48.9	-15.4	-44.3	47.1	250
281.6	255.0	258.0	0.0	0.25	1.0	33.3	9.4	-46.0	47.0	281.6	0.0	0.25	1.0	33.3	9.5	-45.9	47.0	281	0.0	0.594	1.0	46.5	-11.9	-44.6	46.3	255	0.0	0.555	1.0	45.0	-9.4	-44.8	45.9	258
290.3	262.5	264.8	0.0	0.125	1.0	28.6	17.4	-46.9	50.1	290.3	0.0	0.133	1.0	28.9	16.9	-46.9	49.9	289	0.0	0.505	1.0	43.0	-6.2	-44.9	45.5	262	0.0	0.472	1.0	41.7	-4.3	-45.1	45.4	264
296.4	270.0																																	

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

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

2-113830-L0 QS150-73 LAB*la0, YN=0%, XYZnw=2.4, 2.5, 2.6, 85.1, 88.8, 104.3, LAB*nw=17.7, 0.0, 0.0, 95.5, 0.0, 0.0

salida: Offset standard print; separation cmyn6*, D65, página 9/33

gráfico TUB-QS15; código de tono: $H^*_e=R50Y_e$
círculo de tono, 48 pasos; $rgb-LabCh^*$ mesas

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

TUB matrícula: 20130201-QS15/QS15L0FA.TXT /.PS
aplicación para la medida salida en la impresión offset, separación cmyn6* (CMYK)
TUB material: code=rha4ta

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

Six hue angles of the device colours <i>RYGCBM</i> _d : <i>h</i> _{ab,d} = 32.8, 97.2, 157.8, 236.2, 296.4, 353.3; Six hue angles of the elementary colours <i>RYGCBM</i> _e : <i>h</i> _{ab,e} = 25.5, 92.3, 162.2, 217.0, 271.7, 328.6																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																												
<i>h</i> _{ab,d}	<i>h</i> _{ab,s}	<i>h</i> _{ab,e}	<i>rgb</i> [*] _{dd361M}					<i>LAB</i> [*] _{dd361Mi} (<i>x</i> =LabCh)					<i>R</i> _d	<i>rgb</i> [*] _{ds361Mi}					<i>LAB</i> [*] _{ds361Mi} (<i>x</i> =LabCh)					<i>R</i> _s	<i>rgb</i> [*] _{dd361Mi}					<i>rgb</i> [*] _{de361Mi}					<i>LAB</i> [*] _{dex361Mi} (<i>x</i> =LabCh)					<i>R</i> _e	<i>rgb</i> [*] _{dd361Mi}					<i>rgb</i> [*] _{dd}	<i>rgb</i> [*] _{ds}	<i>rgb</i> [*] _{de}																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																												
32	30	25	1.0	0.0	0.0	47.3	63.8	41.2	76.0	32	1.0	0.0	0.084	47.4	64.3	37.1	74.3	30	1.0	0.0	0.0	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	0.0	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	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	0.0	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	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	0.0	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	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	0.0	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	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	0.0	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	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	0.0	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	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	0.0	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	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	0.0	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	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	0.0	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	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	0.0	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	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	0.0	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	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	0.0	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	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	0.0	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	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	0.0	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	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	0.0	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	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	0.0	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	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	0.0	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	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	0.0	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	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	0.0	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	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	0.0	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	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	0.0	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	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	0.0	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	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	0.0	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	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	0.0	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	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	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	

2-113930-L0

QS150-73

LAB*la0, YN=0%, XYZnw=2.4, 2.5, 2.6, 85.1, 88.8, 104.3, LAB*nw=17.7, 0.0, 0.0, 95.5, 0.0, 0.0

salida: Offset standard print; separation cmyn6*, D65, página 10/33

gráfico TUB-QS15; código de tono: $H^*_e=R50Y_e$
círculo de tono, 48 pasos; $rgb-LabCh^*$ mesas

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

2-113930-F0

vea archivos semejantes: <http://130.149.60.45/~farbmetrik/QS15/QS15.HTM>
información técnica: <http://www.ps.bam.de> o <http://130.149.60.45/~farbmetrik>

TUB matrícula: 20130201-QS15/QS15L0FA.TXT /.PS
aplicación para la medida salida en la impresión offset, separación cmyn6* (CMYK)
TUB material: code=rha4ta

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

Six hue angles of the device colours RYGBCM: $h_{ab,d} = 32.8, 97.2, 157.8, 236.2, 296.4, 353.3$;											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^*_{d361Mi}	LAB^*_{d361Mi}	$LAB^*_{ds361Mi}$	$LAB^*_{ds361Mi}$	$LAB^*_{ds361Mi}$	$LAB^*_{ds361Mi}$	$LAB^*_{ds361Mi}$	$rgb^*_{dd361Mi}$	$rgb^*_{de361Mi}$	$LAB^*_{dex361Mi}$	$LAB^*_{dex361Mi}$	$LAB^*_{dex361Mi}$	$rgb^*_{dd361Mi}$	$rgb^*_{de361Mi}$	$LAB^*_{dex361Mi}$	$LAB^*_{dex361Mi}$	$LAB^*_{dex361Mi}$	$rgb^*_{dd361Mi}$	$rgb^*_{de361Mi}$	$LAB^*_{dex361Mi}$	$LAB^*_{dex361Mi}$	$LAB^*_{dex361Mi}$	$rgb^*_{dd361Mi}$	$rgb^*_{de361Mi}$	$LAB^*_{dex361Mi}$	$LAB^*_{dex361Mi}$	$LAB^*_{dex361Mi}$	$rgb^*_{dd361Mi}$	$rgb^*_{de361Mi}$	$LAB^*_{dex361Mi}$	$LAB^*_{dex361Mi}$	$LAB^*_{dex361Mi}$	$rgb^*_{dd361Mi}$	$rgb^*_{de361Mi}$	$LAB^*_{dex361Mi}$	$LAB^*_{dex361Mi}$	$LAB^*_{dex361Mi}$	$rgb^*_{dd361Mi}$	$rgb^*_{de361Mi}$	$LAB^*_{dex361Mi}$	$LAB^*_{dex361Mi}$	$LAB^*_{dex361Mi}$	$rgb^*_{dd361Mi}$	$rgb^*_{de361Mi}$	$LAB^*_{dex361Mi}$	$LAB^*_{dex361Mi}$	$LAB^*_{dex361Mi}$	$rgb^*_{dd361Mi}$	$rgb^*_{de361Mi}$	$LAB^*_{dex361Mi}$	$LAB^*_{dex361Mi}$	$LAB^*_{dex361Mi}$	$rgb^*_{dd361Mi}$	$rgb^*_{de361Mi}$	$LAB^*_{dex361Mi}$	$LAB^*_{dex361Mi}$	$LAB^*_{dex361Mi}$	$rgb^*_{dd361Mi}$	$rgb^*_{de361Mi}$	$LAB^*_{dex361Mi}$	$LAB^*_{dex361Mi}$	$LAB^*_{dex361Mi}$	$rgb^*_{dd361Mi}$	$rgb^*_{de361Mi}$	$LAB^*_{dex361Mi}$	$LAB^*_{dex361Mi}$	$LAB^*_{dex361Mi}$	$rgb^*_{dd361Mi}$	$rgb^*_{de361Mi}$	$LAB^*_{dex361Mi}$	$LAB^*_{dex361Mi}$	$LAB^*_{dex361Mi}$	$rgb^*_{dd361Mi}$	$rgb^*_{de361Mi}$	$LAB^*_{dex361Mi}$	$LAB^*_{dex361Mi}$	$LAB^*_{dex361Mi}$	$rgb^*_{dd361Mi}$	$rgb^*_{de361Mi}$	$LAB^*_{dex361Mi}$	$LAB^*_{dex361Mi}$	$LAB^*_{dex361Mi}$	$rgb^*_{dd361Mi}$	$rgb^*_{de361Mi}$	$LAB^*_{dex361Mi}$	$LAB^*_{dex361Mi}$	$LAB^*_{dex361Mi}$	$rgb^*_{dd361Mi}$	$rgb^*_{de361Mi}$	$LAB^*_{dex361Mi}$	$LAB^*_{dex361Mi}$	$LAB^*_{dex361Mi}$	$rgb^*_{dd361Mi}$	$rgb^*_{de361Mi}$	$LAB^*_{dex361Mi}$	$LAB^*_{dex361Mi}$	$LAB^*_{dex361Mi}$	$rgb^*_{dd361Mi}$	$rgb^*_{de361Mi}$	$LAB^*_{dex361Mi}$	$LAB^*_{dex361Mi}$	$LAB^*_{dex361Mi}$	$rgb^*_{dd361Mi}$	$rgb^*_{de361Mi}$	$LAB^*_{dex361Mi}$	$LAB^*_{dex361Mi}$	$LAB^*_{dex361Mi}$	$rgb^*_{dd361Mi}$	$rgb^*_{de361Mi}$	$LAB^*_{dex361Mi}$	$LAB^*_{dex361Mi}$	$LAB^*_{dex361Mi}$	$rgb^*_{dd361Mi}$	$rgb^*_{de361Mi}$	$LAB^*_{dex361Mi}$	$LAB^*_{dex361Mi}$	$LAB^*_{dex361Mi}$	$rgb^*_{dd361Mi}$	$rgb^*_{de361Mi}$	$LAB^*_{dex361Mi}$	$LAB^*_{dex361Mi}$	$LAB^*_{dex361Mi}$	$rgb^*_{dd361Mi}$	$rgb^*_{de361Mi}$	$LAB^*_{dex361Mi}$	$LAB^*_{dex361Mi}$	$LAB^*_{dex361Mi}$	$rgb^*_{dd361Mi}$	$rgb^*_{de361Mi}$	$LAB^*_{dex361Mi}$	$LAB^*_{dex361Mi}$	$LAB^*_{dex361Mi}$	$rgb^*_{dd361Mi}$	$rgb^*_{de361Mi}$	$LAB^*_{dex361Mi}$	$LAB^*_{dex361Mi}$	$LAB^*_{dex361Mi}$	$rgb^*_{dd361Mi}$	$rgb^*_{de361Mi}$	$LAB^*_{dex361Mi}$	$LAB^*_{dex361Mi}$	$LAB^*_{dex361Mi}$	$rgb^*_{dd361Mi}$	$rgb^*_{de361Mi}$	$LAB^*_{dex361Mi}$	$LAB^*_{dex361Mi}$	$LAB^*_{dex361Mi}$	$rgb^*_{dd361Mi}$	$rgb^*_{de361Mi}$	$LAB^*_{dex361Mi}$	$LAB^*_{dex361Mi}$	$LAB^*_{dex361Mi}$	$rgb^*_{dd361Mi}$	$rgb^*_{de361Mi}$	$LAB^*_{dex361Mi}$	$LAB^*_{dex361Mi}$	$LAB^*_{dex361Mi}$	$rgb^*_{dd361Mi}$	$rgb^*_{de361Mi}$	$LAB^*_{dex361Mi}$	$LAB^*_{dex361Mi}$	$LAB^*_{dex361Mi}$	$rgb^*_{dd361Mi}$	$rgb^*_{de361Mi}$	$LAB^*_{dex361Mi}$	$LAB^*_{dex361Mi}$	$LAB^*_{dex361Mi}$	$rgb^*_{dd361Mi}$	$rgb^*_{de361Mi}$	$LAB^*_{dex361Mi}$	$LAB^*_{dex361Mi}$	$LAB^*_{dex361Mi}$	$rgb^*_{dd361Mi}$	$rgb^*_{de361Mi}$	$LAB^*_{dex361Mi}$	$LAB^*_{dex361Mi}$	$LAB^*_{dex361Mi}$	$rgb^*_{dd361Mi}$	$rgb^*_{de361Mi}$	$LAB^*_{dex361Mi}$	$LAB^*_{dex361Mi}$	$LAB^*_{dex361Mi}$	$rgb^*_{dd361Mi}$	$rgb^*_{de361Mi}$	$LAB^*_{dex361Mi}$	$LAB^*_{dex361Mi}$	$LAB^*_{dex361Mi}$	$rgb^*_{dd361Mi}$	$rgb^*_{de361Mi}$	$LAB^*_{dex361Mi}$	$LAB^*_{dex361Mi}$	$LAB^*_{dex361Mi}$	$rgb^*_{dd361Mi}$	$rgb^*_{de361Mi}$	$LAB^*_{dex361Mi}$	$LAB^*_{dex361Mi}$	$LAB^*_{dex361Mi}$	$rgb^*_{dd361Mi}$	$rgb^*_{de361Mi}$	$LAB^*_{dex361Mi}$	$LAB^*_{dex361Mi}$	$LAB^*_{dex361Mi}$	$rgb^*_{dd361Mi}$	$rgb^*_{de361Mi}$	$LAB^*_{dex361Mi}$	$LAB^*_{dex361Mi}$	$LAB^*_{dex361Mi}$	$rgb^*_{dd361Mi}$	$rgb^*_{de361Mi}$	$LAB^*_{dex361Mi}$	$LAB^*_{dex361Mi}$	$LAB^*_{dex361Mi}$	$rgb^*_{dd361Mi}$	$rgb^*_{de361Mi}$	$LAB^*_{dex361Mi}$	$LAB^*_{dex361Mi}$	$LAB^*_{dex361Mi}$	$rgb^*_{dd361Mi}$	$rgb^*_{de361Mi}$	$LAB^*_{dex361Mi}$	$LAB^*_{dex361Mi}$	$LAB^*_{dex361Mi}$	$rgb^*_{dd361Mi}$	$rgb^*_{de361Mi}$	$LAB^*_{dex361Mi}$	$LAB^*_{dex361Mi}$	$LAB^*_{dex361Mi}$	$rgb^*_{dd361Mi}$	$rgb^*_{de361Mi}$	$LAB^*_{dex361Mi}$	$LAB^*_{dex361Mi}$	$LAB^*_{dex361Mi}$	$rgb^*_{dd361Mi}$	$rgb^*_{de361Mi}$	$LAB^*_{dex361Mi}$	$LAB^*_{dex361Mi}$	$LAB^*_{dex361Mi}$	$rgb^*_{dd361Mi}$	$rgb^*_{de361Mi}$	$LAB^*_{dex361Mi}$	$LAB^*_{dex361Mi}$	$LAB^*_{dex361Mi}$	$rgb^*_{dd361Mi}$	$rgb^*_{de361Mi}$	$LAB^*_{dex361Mi}$	$LAB^*_{dex361Mi}$	$LAB^*_{dex361Mi}$	$rgb^*_{dd361Mi}$	$rgb^*_{de361Mi}$	$LAB^*_{dex361Mi}$	$LAB^*_{dex361Mi}$	$LAB^*_{dex361Mi}$	$rgb^*_{dd361Mi}$	$rgb^*_{de361Mi}$	$LAB^*_{dex361Mi}$	$LAB^*_{dex361Mi}$	$LAB^*_{dex361Mi}$	$rgb^*_{dd361Mi}$	$rgb^*_{de361Mi}$	$LAB^*_{dex361Mi}$	$LAB^*_{dex361Mi}$	$LAB^*_{dex361Mi}$	$rgb^*_{dd361Mi}$	$rgb^*_{de361Mi}$	$LAB^*_{dex361Mi}$	$LAB^*_{dex361Mi}$	$LAB^*_{dex361Mi}$	$rgb^*_{dd361Mi}$	$rgb^*_{de361Mi}$	$LAB^*_{dex361Mi}$	$LAB^*_{dex361Mi}$	$LAB^*_{dex361Mi}$	$rgb^*_{dd361Mi}$	$rgb^*_{de361Mi}$	$LAB^*_{dex361Mi}$	$LAB^*_{dex361Mi}$	$LAB^*_{dex361Mi}$	$rgb^*_{dd361Mi}$	$rgb^*_{de361Mi}$	$LAB^*_{dex361Mi}$	$LAB^*_{dex361Mi}$	$LAB^*_{dex361Mi}$	$rgb^*_{dd361Mi}$	$rgb^*_{de361Mi}$	$LAB^*_{dex361Mi}$	$LAB^*_{dex361Mi}$	$LAB^*_{dex361Mi}$	$rgb^*_{dd361Mi}$	$rgb^*_{de361Mi}$	$LAB^*_{dex361Mi}$	$LAB^*_{dex361Mi}$	$LAB^*_{dex361Mi}$	$rgb^*_{dd361Mi}$	$rgb^*_{de361Mi}$	$LAB^*_{dex361Mi}$	$LAB^*_{dex361Mi}$	$LAB^*_{dex361Mi}$	$rgb^*_{dd361Mi}$	$rgb^*_{de361Mi}$	$LAB^*_{dex361Mi}$	$LAB^*_{dex361Mi}$	$LAB^*_{dex361Mi}$	$rgb^*_{dd361Mi}$	$rgb^*_{de361Mi}$	$LAB^*_{dex361Mi}$	$LAB^*_{dex361Mi}$	$LAB^*_{dex361Mi}$	$rgb^*_{dd361Mi}$	$rgb^*_{de361Mi}$	$LAB^*_{dex361Mi}$	$LAB^*_{dex361Mi}$	$LAB^*_{dex361Mi}$	$rgb^*_{dd361Mi}$	$rgb^*_{de361Mi}$	$LAB^*_{dex361Mi}$	$LAB^*_{dex361Mi}$	LAB^*_{dex361

2-1131130-L0	QS150-73	LAB*la0, YN=0%, XYZnw=2.4, 2.5, 2.6, 85.1, 88.8, 104.3, LAB*nw=17.7, 0.0, 0.0, 95.5, 0.0, 0.0	salida: Offset standard print; separation cmyn6*, D65, página 12
--------------	----------	---	--

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

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

Six hue angles of the device colours <i>RYGCBM</i> _d : <i>h</i> _{ab,d} = 32.8, 97.2, 157.8, 236.2, 296.4, 353.3; Six hue angles of the elementary colours <i>RYGCBM</i> _e : <i>h</i> _{ab,e} = 25.5, 92.3, 162.2, 217.0, 271.7, 328.6													
<i>h</i> _{ab,d}	<i>h</i> _{ab,s}	<i>h</i> _{ab,e}	<i>rgb</i> [*] _{dd361M}	<i>LAB</i> [*] _{ddx361Mi} (x=LabCh)	<i>rgb</i> [*] _{ds361Mi}	<i>LAB</i> [*] _{dsx361Mi} (x=LabCh)	<i>rgb</i> [*] _{dd361Mi}	<i>rgb</i> [*] _{de361Mi}	<i>LAB</i> [*] _{dex361Mi} (x=LabCh)	<i>rgb</i> [*] _{dd361Mi}	<i>rgb</i> [*] _{dd}	<i>rgb</i> [*] _{ds}	<i>rgb</i> [*] _{de}
170	165	175	0.0	1.0	0.25	53.2	-61.9	9.8	62.7	170	0.0	1.0	0.25
172	166	176	0.0	1.0	0.266	53.4	-61.4	8.2	61.9	172	0.0	1.0	0.267
173	167	177	0.0	1.0	0.283	53.5	-60.8	6.7	61.2	173	0.0	1.0	0.283
175	168	178	0.0	1.0	0.3	53.6	-60.2	5.2	60.4	175	0.0	1.0	0.3
176	169	179	0.0	1.0	0.316	53.7	-59.5	3.7	59.6	176	0.0	1.0	0.317
177	170	180	0.0	1.0	0.333	53.8	-58.8	2.3	58.9	177	0.0	1.0	0.333
179	171	181	0.0	1.0	0.35	53.9	-58.1	0.9	58.1	179	0.0	1.0	0.35
180	172	182	0.0	1.0	0.366	54.0	-57.3	-0.4	57.3	180	0.0	1.0	0.367
181	173	183	0.0	1.0	0.383	54.1	-56.6	-1.8	56.6	181	0.0	1.0	0.383
183	174	184	0.0	1.0	0.4	54.2	-55.9	-3.5	56.0	183	0.0	1.0	0.4
185	175	185	0.0	1.0	0.416	54.3	-55.2	-5.0	55.5	185	0.0	1.0	0.417
186	176	186	0.0	1.0	0.433	54.4	-54.5	-6.6	54.9	186	0.0	1.0	0.433
188	177	186	0.0	1.0	0.45	54.5	-53.7	-8.0	54.3	188	0.0	1.0	0.45
190	178	187	0.0	1.0	0.466	54.6	-52.8	-9.5	53.7	190	0.0	1.0	0.467
191	179	188	0.0	1.0	0.483	54.7	-52.0	-10.9	53.1	191	0.0	1.0	0.483
193	180	189	0.0	1.0	0.5	54.8	-51.0	-12.3	52.5	193	0.0	1.0	0.5
195	181	190	0.0	1.0	0.516	54.9	-50.4	-13.7	52.2	195	0.0	1.0	0.517
196	182	191	0.0	1.0	0.533	55.1	-49.6	-15.0	51.9	196	0.0	1.0	0.533
198	183	192	0.0	1.0	0.55	55.2	-48.9	-16.3	51.6	198	0.0	1.0	0.55
200	184	193	0.0	1.0	0.566	55.3	-48.1	-17.6	51.2	200	0.0	1.0	0.567
201	185	194	0.0	1.0	0.583	55.5	-47.3	-18.9	50.9	201	0.0	1.0	0.583
203	186	195	0.0	1.0	0.6	55.6	-46.4	-20.1	50.6	203	0.0	1.0	0.6
205	187	195	0.0	1.0	0.616	55.7	-45.5	-21.3	50.3	205	0.0	1.0	0.617
206	188	196	0.0	1.0	0.633	55.8	-44.7	-22.5	50.1	206	0.0	1.0	0.633
208	189	197	0.0	1.0	0.65	56.0	-44.0	-23.8	50.1	208	0.0	1.0	0.65
210	190	198	0.0	1.0	0.666	56.1	-43.2	-25.0	50.0	210	0.0	1.0	0.667
211	191	199	0.0	1.0	0.683	56.2	-42.4	-26.3	49.9	211	0.0	1.0	0.683
213	192	200	0.0	1.0	0.7	56.3	-41.6	-27.5	49.9	213	0.0	1.0	0.7
215	193	201	0.0	1.0	0.716	56.5	-40.8	-28.6	49.8	215	0.0	1.0	0.717
216	194	202	0.0	1.0	0.733	56.6	-39.9	-29.8	49.8	216	0.0	1.0	0.733
218	195	203	0.0	1.0	0.75	56.7	-38.9	-30.9	49.7	218	0.0	1.0	0.75
219	196	204	0.0	1.0	0.766	56.8	-38.4	-31.7	49.8	219	0.0	1.0	0.767
220	197	205	0.0	1.0	0.783	56.9	-37.8	-32.6	49.9	220	0.0	1.0	0.783
221	198	206	0.0	1.0	0.8	57.0	-37.2	-33.5	50.1	221	0.0	1.0	0.8
223	199	206	0.0	1.0	0.816	57.1	-36.6	-34.3	50.2	223	0.0	1.0	0.817
224	200	207	0.0	1.0	0.833	57.3	-36.0	-35.2	50.3	224	0.0	1.0	0.833
225	201	208	0.0	1.0	0.85	57.4	-35.3	-36.0	50.4	225	0.0	1.0	0.85
226	202	209	0.0	1.0	0.866	57.5	-34.6	-36.8	50.6	226	0.0	1.0	0.867
227	203	210	0.0	1.0	0.883	57.6	-34.0	-37.7	50.8	227	0.0	1.0	0.883
229	204	211	0.0	1.0	0.9	57.7	-33.4	-38.6	51.0	229	0.0	1.0	0.9
230	205	212	0.0	1.0	0.916	57.8	-32.8	-39.4	51.3	230	0.0	1.0	0.917
231	206	213	0.0	1.0	0.933	57.9	-32.1	-40.3	51.6	231	0.0	1.0	0.933
232	207	214	0.0	1.0	0.95	58.0	-31.4	-41.2	51.8	232	0.0	1.0	0.95
233	208	215	0.0	1.0	0.966	58.1	-30.7	-42.0	52.1	233	0.0	1.0	0.967
235	209	216	0.0	1.0	0.983	58.2	-30.0	-42.9	52.3	235	0.0	1.0	0.983
236	210	216	0.0	1.0	1.0	58.3	-29.2	-43.7	52.6	236	0.0	1.0	1.0

2-1131230-L0 QS150-73 LAB*la0, YN=0%, XYZnw=2.4, 2.5, 2.6, 85.1, 88.8, 104.3, LAB*nw=17.7, 0.0, 0.0, 95.5, 0.0, 0.0

salida: Offset standard print; separation cmyn6*, D65, página 13/33

gráfico TUB-QS15; código de tono: $H^*_e=R50Y_e$
círculo de tono, 48 pasos; $rgb-LabCh^*$ mesas

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

TUB matrícula: 20130201-QS15/QS15L0FA.TXT /.PS
aplicación para la medida salida en la impresión offset, separación cmyn6* (CMYK)
TUB material: code=rha4ta

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

$h_{ab,d}$	$h_{ab,s}$	$h_{ab,e}$	rgb^*_{dd361M}	$LAB^*_{ddx361Mi}(x=LabCh)$	C_d	$rgb^*_{ds361Mi}$	$LAB^*_{dsx361Mi}(x=LabCh)$	C_s	$rgb^*_{dd361Mi}$	$LAB^*_{dex361Mi}(x=LabCh)$	C_e	$rgb^*_{dd361Mi}$	rgb^*_{dd}	rgb^*_{ds}	rgb^*_{de}
236	210	216	0.0	1.0	1.0	58.3	-29.2 -43.7 52.6	236	0.0	1.0	1.0	58.3	0.0	1.0	1.0
236	211	217	0.0	0.983	1.0	57.9	-28.7 -43.7 52.3	236	0.0	1.0	0.983	1.0	0.0	1.0	0.983
237	212	218	0.0	0.966	1.0	57.5	-28.1 -43.8 52.0	237	0.0	1.0	0.967	1.0	0.0	1.0	0.967
237	213	219	0.0	0.95	1.0	57.1	-27.5 -43.8 51.8	237	0.0	1.0	0.95	1.0	0.0	1.0	0.95
238	214	220	0.0	0.933	1.0	56.7	-26.9 -43.9 51.5	238	0.0	1.0	0.933	1.0	0.0	1.0	0.933
238	215	221	0.0	0.916	1.0	56.2	-26.4 -43.9 51.2	238	0.0	1.0	0.917	1.0	0.0	1.0	0.917
239	216	222	0.0	0.9	1.0	55.8	-25.8 -43.9 50.9	239	0.0	1.0	0.9	1.0	0.0	1.0	0.9
240	217	223	0.0	0.883	1.0	55.4	-25.2 -43.9 50.7	240	0.0	1.0	0.883	1.0	0.0	1.0	0.883
240	218	224	0.0	0.866	1.0	55.0	-24.6 -43.9 50.4	240	0.0	1.0	0.867	1.0	0.0	1.0	0.867
241	219	225	0.0	0.85	1.0	54.5	-23.9 -44.0 50.1	241	0.0	1.0	0.85	1.0	0.0	1.0	0.85
242	220	226	0.0	0.833	1.0	54.1	-23.2 -44.0 49.8	242	0.0	1.0	0.833	1.0	0.0	1.0	0.833
242	221	227	0.0	0.816	1.0	53.6	-22.5 -44.1 49.5	242	0.0	1.0	0.817	1.0	0.0	1.0	0.817
243	222	227	0.0	0.8	1.0	53.1	-21.8 -44.1 49.2	243	0.0	1.0	0.8	1.0	0.0	1.0	0.8
244	223	228	0.0	0.783	1.0	52.7	-21.1 -44.1 48.9	244	0.0	1.0	0.783	1.0	0.0	1.0	0.783
245	224	229	0.0	0.766	1.0	52.2	-20.4 -44.1 48.6	245	0.0	1.0	0.767	1.0	0.0	1.0	0.767
245	225	230	0.0	0.75	1.0	51.7	-19.7 -44.1 48.3	245	0.0	1.0	0.75	1.0	0.0	1.0	0.75
246	226	231	0.0	0.733	1.0	51.2	-18.9 -44.2 48.1	246	0.0	1.0	0.733	1.0	0.0	1.0	0.733
247	227	232	0.0	0.716	1.0	50.7	-18.1 -44.3 47.8	247	0.0	1.0	0.717	1.0	0.0	1.0	0.717
248	228	233	0.0	0.7	1.0	50.1	-17.4 -44.3 47.6	248	0.0	1.0	0.7	1.0	0.0	1.0	0.7
249	229	234	0.0	0.683	1.0	49.6	-16.6 -44.3 47.4	249	0.0	1.0	0.683	1.0	0.0	1.0	0.683
250	230	235	0.0	0.666	1.0	49.1	-15.8 -44.4 47.1	250	0.0	1.0	0.667	1.0	0.0	1.0	0.667
251	231	236	0.0	0.65	1.0	48.5	-15.0 -44.4 46.9	251	0.0	1.0	0.65	1.0	0.0	1.0	0.65
252	232	237	0.0	0.633	1.0	48.0	-14.3 -44.4 46.6	252	0.0	1.0	0.633	1.0	0.0	1.0	0.633
253	233	237	0.0	0.616	1.0	47.4	-13.4 -44.5 46.4	253	0.0	1.0	0.617	1.0	0.0	1.0	0.617
254	234	238	0.0	0.6	1.0	46.7	-12.3 -44.6 46.3	254	0.0	1.0	0.6	1.0	0.0	1.0	0.6
255	235	239	0.0	0.583	1.0	46.1	-11.3 -44.7 46.1	255	0.0	1.0	0.583	1.0	0.0	1.0	0.583
257	236	240	0.0	0.566	1.0	45.4	-10.2 -44.8 46.0	257	0.0	1.0	0.567	1.0	0.0	1.0	0.567
258	237	241	0.0	0.55	1.0	44.7	-9.1 -44.9 45.8	258	0.0	0.976	1.0	57.7	0.0	0.55	1.0
259	238	242	0.0	0.533	1.0	44.1	-8.1 -45.0 45.7	259	0.0	0.946	1.0	57.0	0.0	0.533	1.0
261	239	243	0.0	0.516	1.0	43.4	-7.0 -45.0 45.5	261	0.0	0.916	1.0	56.3	0.0	0.517	1.0
262	240	244	0.0	0.5	1.0	42.7	-6.0 -45.0 45.4	262	0.0	0.886	1.0	55.5	0.0	0.5	1.0
263	241	245	0.0	0.483	1.0	42.1	-5.0 -45.1 45.4	263	0.0	0.861	1.0	54.9	0.0	0.483	1.0
264	242	246	0.0	0.466	1.0	41.4	-4.0 -45.2 45.4	264	0.0	0.838	1.0	54.2	0.0	0.467	1.0
266	243	247	0.0	0.45	1.0	40.8	-3.0 -45.3 45.4	266	0.0	0.815	1.0	53.6	0.0	0.45	1.0
267	244	248	0.0	0.433	1.0	40.2	-2.1 -45.3 45.4	267	0.0	0.793	1.0	53.0	0.0	0.433	1.0
268	245	248	0.0	0.416	1.0	39.5	-1.1 -45.4 45.4	268	0.0	0.77	1.0	52.3	0.0	0.417	1.0
269	246	249	0.0	0.4	1.0	38.9	-0.1 -45.4 45.4	269	0.0	0.748	1.0	51.7	0.0	0.4	1.0
271	247	250	0.0	0.383	1.0	38.2	0.8 -45.4 45.4	271	0.0	0.729	1.0	51.1	0.0	0.383	1.0
272	248	251	0.0	0.366	1.0	37.6	1.8 -45.5 45.5	272	0.0	0.711	1.0	50.5	0.0	0.367	1.0
273	249	252	0.0	0.35	1.0	37.0	2.9 -45.6 45.7	273	0.0	0.692	1.0	49.9	0.0	0.35	1.0
275	250	253	0.0	0.333	1.0	36.4	4.0 -45.7 45.9	275	0.0	0.673	1.0	49.3	0.0	0.333	1.0
276	251	254	0.0	0.316	1.0	35.7	5.1 -45.8 46.1	276	0.0	0.654	1.0	48.7	0.0	0.317	1.0
277	252	255	0.0	0.3	1.0	35.1	6.1 -45.9 46.3	277	0.0	0.636	1.0	48.1	0.0	0.3	1.0
279	253	256	0.0	0.283	1.0	34.5	7.2 -46.0 46.5	279	0.0	0.62	1.0	47.6	0.0	0.283	1.0
280	254	257	0.0	0.266	1.0	33.9	8.3 -46.0 46.7	280	0.0	0.607	1.0	47.1	0.0	0.267	1.0
281	255	258	0.0	0.25	1.0	33.3	9.4 -46.0 47.0	281	0.0	0.594	1.0	46.5	0.0	0.25	1.0

2-1131330-L0 QS150-73 LAB*la0, YN=0%, XYZnw=2.4, 2.5, 2.6, 85.1, 88.8, 104.3, LAB*nw=17.7, 0.0, 0.0, 95.5, 0.0, 0.0

salida: Offset standard print; separation cmyn6*, D65, página 14/33

gráfico TUB-QS15; código de tono: $H^*_e=R50Y_e$
círculo de tono, 48 pasos; $rgb-LabCh^*$ mesas

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

TUB matrícula: 20130201-QS15/QS15L0FA.TXT /.PS
aplicación para la medida salida en la impresión offset, separación cmyn6* (CMYK)

TUB material: code=rha4ta

Data of Maximum color M in colorimetric system Offset standard print; separation cmyn6*, D65 for input or output; Six hue angles of the 60 degree standard colours $RYGCBM_c$: $h_{ab,ds} = 30.0, 90.0, 150.0, 210.0, 270.0, 330.0$;

Six hue angles of the device colours $RYGCBM_d$: $h_{ab,d} = 32.8, 97.2, 157.8, 236.2, 296.4, 353.3$; Six hue angles of the elementary colours $RYGCBM_c$: $h_{ab,e} = 25.5, 92.3, 162.2, 217.0, 271.7, 328.6$

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

2-1131430-L0 QS150-73 LAB*la0, YN=0%, XYZnw=2.4, 2.5, 2.6, 85.1, 88.8, 104.3, LAB*nw=17.7, 0.0, 0.0, 95.5, 0.0, 0.0

salida: Offset standard print; separation cmyn6*, D65, página 15/33

gráfico TUB-QS15; código de tono: $H^*_e=R50Y_e$
círculo de tono, 48 pasos; $rgb-LabCh^$

Data of Maximum color M in colorimetric system Offset standard print; separation cmyn6*, D65 for input or output; Six hue angles of the 60 degree standard colours 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: $h_{ab,d} = 32.8, 97.2, 157.8, 236.2, 296.4, 353.3$; Six hue angles of the elementary colours RYGBM_e: $h_{ab,e} = 25.5, 92.3, 162.2, 217.0, 271.7, 328.6$

Six hue angles of the device colours $RYGCBM_d$: $h_{ab,d} = 32.8, 97.2, 157.8, 236.2, 296.4, 353.3$; Six hue angles of the elementary colours $RYGCBM_e$: $h_{ab,e} = 25.5, 92.3, 162.2, 217.0, 271.7, 328.6$																																																																																																																																																																																																																																																																																																																																				
$h_{ab,d}$	$h_{ab,s}$	$h_{ab,e}$	rgb^*_{dd361M}	LAB^*_{d361Mi}	$LAB^*_{dsx361Mi}$	$rgb^*_{ds361Mi}$	$LAB^*_{dex361Mi}$	$rgb^*_{dd361Mi}$	$rgb^*_{dd361Mi}$	$rgb^*_{dd361Mi}$	$rgb^*_{dd361Mi}$	$rgb^*_{dd361Mi}$	$rgb^*_{dd361Mi}$	$rgb^*_{dd361Mi}$	$rgb^*_{dd361Mi}$	$rgb^*_{dd361Mi}$	$rgb^*_{dd361Mi}$	$rgb^*_{dd361Mi}$	$rgb^*_{dd361Mi}$	$rgb^*_{dd361Mi}$	$rgb^*_{dd361Mi}$	$rgb^*_{dd361Mi}$	$rgb^*_{dd361Mi}$	$rgb^*_{dd361Mi}$	$rgb^*_{dd361Mi}$	$rgb^*_{dd361Mi}$	$rgb^*_{dd361Mi}$	$rgb^*_{dd361Mi}$	$rgb^*_{dd361Mi}$	$rgb^*_{dd361Mi}$	$rgb^*_{dd361Mi}$	$rgb^*_{dd361Mi}$	$rgb^*_{dd361Mi}$	$rgb^*_{dd361Mi}$	$rgb^*_{dd361Mi}$	$rgb^*_{dd361Mi}$	$rgb^*_{dd361Mi}$	$rgb^*_{dd361Mi}$	$rgb^*_{dd361Mi}$	$rgb^*_{dd361Mi}$	$rgb^*_{dd361Mi}$	$rgb^*_{dd361Mi}$	$rgb^*_{dd361Mi}$	$rgb^*_{dd361Mi}$	$rgb^*_{dd361Mi}$	$rgb^*_{dd361Mi}$	$rgb^*_{dd361Mi}$	$rgb^*_{dd361Mi}$	$rgb^*_{dd361Mi}$	$rgb^*_{dd361Mi}$	$rgb^*_{dd361Mi}$	$rgb^*_{dd361Mi}$	$rgb^*_{dd361Mi}$	$rgb^*_{dd361Mi}$	$rgb^*_{dd361Mi}$	$rgb^*_{dd361Mi}$	$rgb^*_{dd361Mi}$	$rgb^*_{dd361Mi}$	$rgb^*_{dd361Mi}$	$rgb^*_{dd361Mi}$	$rgb^*_{dd361Mi}$	$rgb^*_{dd361Mi}$	$rgb^*_{dd361Mi}$	$rgb^*_{dd361Mi}$	$rgb^*_{dd361Mi}$	$rgb^*_{dd361Mi}$	$rgb^*_{dd361Mi}$	$rgb^*_{dd361Mi}$	$rgb^*_{dd361Mi}$	$rgb^*_{dd361Mi}$	$rgb^*_{dd361Mi}$	$rgb^*_{dd361Mi}$	$rgb^*_{dd361Mi}$	$rgb^*_{dd361Mi}$	$rgb^*_{dd361Mi}$	$rgb^*_{dd361Mi}$	$rgb^*_{dd361Mi}$	$rgb^*_{dd361Mi}$	$rgb^*_{dd361Mi}$	$rgb^*_{dd361Mi}$	$rgb^*_{dd361Mi}$	$rgb^*_{dd361Mi}$	$rgb^*_{dd361Mi}$	$rgb^*_{dd361Mi}$	$rgb^*_{dd361Mi}$	$rgb^*_{dd361Mi}$	$rgb^*_{dd361Mi}$	$rgb^*_{dd361Mi}$	$rgb^*_{dd361Mi}$	$rgb^*_{dd361Mi}$	$rgb^*_{dd361Mi}$	$rgb^*_{dd361Mi}$	$rgb^*_{dd361Mi}$	$rgb^*_{dd361Mi}$	$rgb^*_{dd361Mi}$	$rgb^*_{dd361Mi}$	$rgb^*_{dd361Mi}$	$rgb^*_{dd361Mi}$	$rgb^*_{dd361Mi}$	$rgb^*_{dd361Mi}$	$rgb^*_{dd361Mi}$	$rgb^*_{dd361Mi}$	$rgb^*_{dd361Mi}$	$rgb^*_{dd361Mi}$	$rgb^*_{dd361Mi}$	$rgb^*_{dd361Mi}$	$rgb^*_{dd361Mi}$	$rgb^*_{dd361Mi}$	$rgb^*_{dd361Mi}$	$rgb^*_{dd361Mi}$	$rgb^*_{dd361Mi}$	$rgb^*_{dd361Mi}$	$rgb^*_{dd361Mi}$	$rgb^*_{dd361Mi}$	$rgb^*_{dd361Mi}$	$rgb^*_{dd361Mi}$	$rgb^*_{dd361Mi}$	$rgb^*_{dd361Mi}$	$rgb^*_{dd361Mi}$	$rgb^*_{dd361Mi}$	$rgb^*_{dd361Mi}$	$rgb^*_{dd361Mi}$	$rgb^*_{dd361Mi}$	$rgb^*_{dd361Mi}$	$rgb^*_{dd361Mi}$	$rgb^*_{dd361Mi}$	$rgb^*_{dd361Mi}$	$rgb^*_{dd361Mi}$	$rgb^*_{dd361Mi}$	$rgb^*_{dd361Mi}$	$rgb^*_{dd361Mi}$	$rgb^*_{dd361Mi}$	$rgb^*_{dd361Mi}$	$rgb^*_{dd361Mi}$	$rgb^*_{dd361Mi}$	$rgb^*_{dd361Mi}$	$rgb^*_{dd361Mi}$	$rgb^*_{dd361Mi}$	$rgb^*_{dd361Mi}$	$rgb^*_{dd361Mi}$	$rgb^*_{dd361Mi}$	$rgb^*_{dd361Mi}$	$rgb^*_{dd361Mi}$	$rgb^*_{dd361Mi}$	$rgb^*_{dd361Mi}$	$rgb^*_{dd361Mi}$	$rgb^*_{dd361Mi}$	$rgb^*_{dd361Mi}$	$rgb^*_{dd361Mi}$	$rgb^*_{dd361Mi}$	$rgb^*_{dd361Mi}$	$rgb^*_{dd361Mi}$	$rgb^*_{dd361Mi}$	$rgb^*_{dd361Mi}$	$rgb^*_{dd361Mi}$	$rgb^*_{dd361Mi}$	$rgb^*_{dd361Mi}$	$rgb^*_{dd361Mi}$	$rgb^*_{dd361Mi}$	$rgb^*_{dd361Mi}$	$rgb^*_{dd361Mi}$	$rgb^*_{dd361Mi}$	$rgb^*_{dd361Mi}$	$rgb^*_{dd361Mi}$	$rgb^*_{dd361Mi}$	$rgb^*_{dd361Mi}$	$rgb^*_{dd361Mi}$	$rgb^*_{dd361Mi}$	$rgb^*_{dd361Mi}$	$rgb^*_{dd361Mi}$	$rgb^*_{dd361Mi}$	$rgb^*_{dd361Mi}$	$rgb^*_{dd361Mi}$	$rgb^*_{dd361Mi}$	$rgb^*_{dd361Mi}$	$rgb^*_{dd361Mi}$	$rgb^*_{dd361Mi}$	$rgb^*_{dd361Mi}$	$rgb^*_{dd361Mi}$	$rgb^*_{dd361Mi}$	$rgb^*_{dd361Mi}$	$rgb^*_{dd361Mi}$	$rgb^*_{dd361Mi}$	$rgb^*_{dd361Mi}$	$rgb^*_{dd361Mi}$	$rgb^*_{dd361Mi}$	$rgb^*_{dd361Mi}$	$rgb^*_{dd361Mi}$	$rgb^*_{dd361Mi}$	$rgb^*_{dd361Mi}$	$rgb^*_{dd361Mi}$	$rgb^*_{dd361Mi}$	$rgb^*_{dd361Mi}$	$rgb^*_{dd361Mi}$	$rgb^*_{dd361Mi}$	$rgb^*_{dd361Mi}$	$rgb^*_{dd361Mi}$	$rgb^*_{dd361Mi}$	$rgb^*_{dd361Mi}$	$rgb^*_{dd361Mi}$	$rgb^*_{dd361Mi}$	$rgb^*_{dd361Mi}$	$rgb^*_{dd361Mi}$	$rgb^*_{dd361Mi}$	$rgb^*_{dd361Mi}$	$rgb^*_{dd361Mi}$	$rgb^*_{dd361Mi}$	$rgb^*_{dd361Mi}$	$rgb^*_{dd361Mi}$	$rgb^*_{dd361Mi}$	$rgb^*_{dd361Mi}$	$rgb^*_{dd361Mi}$	$rgb^*_{dd361Mi}$	$rgb^*_{dd361Mi}$	$rgb^*_{dd361Mi}$	$rgb^*_{dd361Mi}$	$rgb^*_{dd361Mi}$	$rgb^*_{dd361Mi}$	$rgb^*_{dd361Mi}$	$rgb^*_{dd361Mi}$	$rgb^*_{dd361Mi}$	$rgb^*_{dd361Mi}$	$rgb^*_{dd361Mi}$	$rgb^*_{dd361Mi}$	$rgb^*_{dd361Mi}$	$rgb^*_{dd361Mi}$	$rgb^*_{dd361Mi}$	$rgb^*_{dd361Mi}$	$rgb^*_{dd361Mi}$	$rgb^*_{dd361Mi}$	$rgb^*_{dd361Mi}$	$rgb^*_{dd361Mi}$	$rgb^*_{dd361Mi}$	$rgb^*_{dd361Mi}$	$rgb^*_{dd361Mi}$	$rgb^*_{dd361Mi}$	$rgb^*_{dd361Mi}$	$rgb^*_{dd361Mi}$	$rgb^*_{dd361Mi}$	$rgb^*_{dd361Mi}$	$rgb^*_{dd361Mi}$	$rgb^*_{dd361Mi}$	$rgb^*_{dd361Mi}$	$rgb^*_{dd361Mi}$	$rgb^*_{dd361Mi}$	$rgb^*_{dd361Mi}$	$rgb^*_{dd361Mi}$	$rgb^*_{dd361Mi}$	$rgb^*_{dd361Mi}$	$rgb^*_{dd361Mi}$	$rgb^*_{dd361Mi}$	$rgb^*_{dd361Mi}$	$rgb^*_{dd361Mi}$	$rgb^*_{dd361Mi}$	$rgb^*_{dd361Mi}$	$rgb^*_{dd361Mi}$	$rgb^*_{dd361Mi}$	$rgb^*_{dd361Mi}$	$rgb^*_{dd361Mi}$	$rgb^*_{dd361Mi}$	$rgb^*_{dd361Mi}$	$rgb^*_{dd361Mi}$	$rgb^*_{dd361Mi}$	$rgb^*_{dd361Mi}$	$rgb^*_{dd361Mi}$	$rgb^*_{dd361Mi}$	$rgb^*_{dd361Mi}$	$rgb^*_{dd361Mi}$	$rgb^*_{dd361Mi}$	$rgb^*_{dd361Mi}$	$rgb^*_{dd361Mi}$	$rgb^*_{dd361Mi}$	$rgb^*_{dd361Mi}$	$rgb^*_{dd361Mi}$	$rgb^*_{dd361Mi}$	$rgb^*_{dd361Mi}$	$rgb^*_{dd361Mi}$	$rgb^*_{dd361Mi}$	$rgb^*_{dd361Mi}$	$rgb^*_{dd361Mi}$	$rgb^*_{dd361Mi}$	$rgb^*_{dd361Mi}$	$rgb^*_{dd361Mi}$	$rgb^*_{dd361Mi}$	$rgb^*_{dd361Mi}$	$rgb^*_{dd361Mi}$	$rgb^*_{dd361Mi}$	$rgb^*_{dd361Mi}$	$rgb^*_{dd361Mi}$	$rgb^*_{dd361Mi}$	$rgb^*_{dd361Mi}$	$rgb^*_{dd361Mi}$	$rgb^*_{dd361Mi}$	$rgb^*_{dd361Mi}$	$rgb^*_{dd361Mi}$	$rgb^*_{dd361Mi}$	$rgb^*_{dd361Mi}$	$rgb^*_{dd361Mi}$	$rgb^*_{dd361Mi}$	$rgb^*_{dd361Mi}$	$rgb^*_{dd361Mi}$	$rgb^*_{dd361Mi}$	$rgb^*_{dd361Mi}$	$rgb^*_{dd361Mi}$	$rgb^*_{dd361Mi}$	$rgb^*_{dd361Mi}$	$rgb^*_{dd361Mi}$	$rgb^*_{dd361Mi}$	$rgb^*_{dd361Mi}$	$rgb^*_{dd361Mi}$	$rgb^*_{dd361Mi}$	$rgb^*_{dd361Mi}$	$rgb^*_{dd361Mi}$	$rgb^*_{dd361Mi}$	$rgb^*_{dd361Mi}$	$rgb^*_{dd361Mi}$	$rgb^*_{dd361Mi}$	$rgb^*_{dd361Mi}$	$rgb^*_{dd361Mi}$	$rgb^*_{dd361Mi}$	$rgb^*_{dd361Mi}$	$rgb^*_{dd361Mi}$	$rgb^*_{dd361Mi}$	$rgb^*_{$

Data of Maximum color M in colorimetric system Offset standard print; separation cmyn6*, D65 for input or output; Six hue angles of the 60 degree standard colours RYGBM_c: $h_{ab,ds} = 30.0, 90.0, 150.0, 210.0, 270.0, 330.0$;

Six hue angles of the device colours RYGBM_d: $h_{ab,d} = 32.8, 97.2, 157.8, 236.2, 296.4, 353.3$; Six hue angles of the elementary colours RYGBM_c: $h_{ab,e} = 25.5, 92.3, 162.2, 217.0, 271.7, 328.6$

Lab,d	h _{ab,s}	h _{ab,e}	rgb* _{dd361M}								LAB* _{dsx361Mi} (x=LabCh)								rgb* _{ds361Mi}								LAB* _{dex361Mi} (x=LabCh)								rgb* _{dd361Mi}								rgb* _{de361Mi}								LAB* _{dex361Mi} (x=LabCh)								rgb* _{dd361Mi}								rgb* _{ds}								rgb* _{de}																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																										
360	345	342	1.0	0.0	0.75	48.1	70.4	0.3	70.4	360	0.713	0.0	1.0	42.5	64.0	-17.0	66.2	345	1.0	0.0	0.75	0.678	0.0	1.0	41.9	61.9	-19.0	64.8	342	1.0	0.0	0.75																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					

2-1131630-L0 QS150-73 LAB*la0, YN=0%, XYZnw=2.4, 2.5, 2.6, 85.1, 88.8, 104.3, LAB*nw=17.7, 0.0, 0.0, 95.5, 0.0, 0.0

salida: Offset standard print; separation cmyn6*, D65, página 17/33

gráfico TUB-QS15; código de tono: $H^*_e=R50Y_e$
círculo de tono, 48 pasos; $rgb-LabCh^*$ mesas

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

TUB matrícula: 20130201-QS15/QS15L0FA.TXT /.PS
aplicación para la medida salida en la impresión offset, separación cmyn6* (CMYK)
TUB material: code=rha4ta

TUB material: code=rha4ta
ión cmyn6* (CMYK)

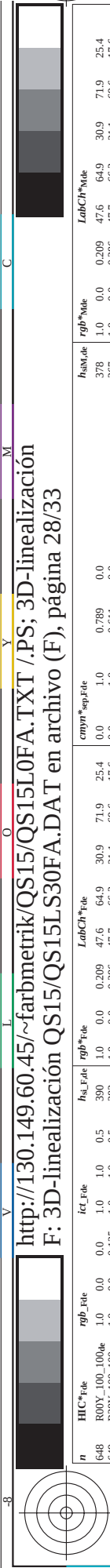
vea archivos semejantes: <http://130.149.60.45/~farbmetrik/QS15/QS15.HTM>
información técnica: <http://www.ps.bam.de> o <http://130.149.60.45/~farbmetrik>

gráfico TUB-QS15; código de tono: H*_e=R50Y_e

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

	HC* _{Fide}	rgb_Fide	icr_Fide	hsa_Fide	rgb_Fide	LabCh* _{Fide}	cmv1*_sep_Fide	0.663	0.548	hsa_Nde	rgb_Nde	LabCh*_Nde							
3224	R0Y0_050_050de	0.5	0.0	0.5	0.5	0.5	0.0	0.0	0.0	378	1.0	0.0	209	476	64.9	30.9	71.9	25.4	
3225	R26Y_050_050de	0.5	0.0	0.125	0.5	0.0	0.125	0.5	0.0	357	1.0	0.0	0.538	47.6	68.1	11.8	69.2	9.8	
3226	R26Y_050_050de	0.5	0.0	0.125	0.5	0.0	0.125	0.5	0.0	327	0.968	0.0	1.0	47.3	71.5	-19.9	72.1	352.0	
3227	B61R_050_050de	0.5	0.0	0.375	0.5	0.0	0.375	0.5	0.0	310	0.641	0.0	1.0	41.6	61.0	-19.9	64.2	341.8	
3228	B30R_062_050de	0.5	0.0	0.5	0.5	0.0	0.5	0.5	0.0	293	0.407	0.0	1.0	34.8	49.2	-30.0	57.7	328.6	
3229	B40R_062_050de	0.5	0.0	0.625	0.5	0.0	0.625	0.5	0.0	286	0.298	0.0	1.0	32.4	40.8	-36.5	54.7	318.1	
3230	B34R_075_075de	0.5	0.0	0.75	0.75	0.0	0.75	0.75	0.0	281	0.205	0.0	1.0	30.7	34.6	-40.4	53.3	310.5	
3231	B34R_075_075de	0.5	0.0	0.875	0.875	0.0	0.875	0.875	0.0	275	0.102	0.0	1.0	28.6	30.3	-43.5	53.1	304.9	
3232	R23R_100_100de	0.5	0.0	1.0	1.0	0.0	1.0	1.0	0.0	272	0.045	0.0	1.0	26.7	26.6	-45.8	52.9	300.1	
3233	R23Y_050_050de	0.5	0.125	0.0	0.5	0.5	0.25	4.4	0.0	37	0.133	0.0	0.515	54.2	47.2	71.9	41.0	41.0	
3234	R0Y0_050_037de	0.5	0.125	0.125	0.5	0.375	0.312	390	0.0	378	1.0	0.0	0.209	47.6	64.9	30.9	71.9	25.4	
3235	R18Y_050_037de	0.5	0.125	0.25	0.5	0.375	0.312	371	0.0	349	1.0	0.0	0.666	48.0	69.4	5.2	69.6	4.3	
3236	B65R_050_037de	0.5	0.125	0.375	0.5	0.375	0.312	349	0.0	315	0.739	0.0	1.0	42.9	65.4	-15.5	67.2	346.6	
3237	B50R_050_037de	0.5	0.125	0.5	0.5	0.375	0.312	330	0.0	293	0.407	0.0	1.0	34.8	49.2	-30.0	57.7	328.6	
3238	B30R_062_050de	0.5	0.125	0.625	0.5	0.375	0.312	316	0.0	285	0.273	0.0	1.0	31.9	38.4	-38.0	54.0	315.3	
3239	B34R_075_050de	0.5	0.125	0.75	0.75	0.0	0.625	0.437	0.0	276	0.126	0.0	1.0	29.3	31.8	-42.5	53.1	306.8	
3240	B25R_087_050de	0.5	0.125	0.875	0.875	0.0	0.875	0.875	0.0	272	0.045	0.0	1.0	26.7	26.6	-45.8	52.9	300.1	
3241	R20R_100_087de	0.5	0.125	1.0	1.0	0.0	0.875	0.562	0.0	268	0.002	1.0	25.8	22.5	-47.3	52.4	295.4		
3242	R30Y_050_050de	0.5	0.25	0.0	0.5	0.5	0.25	60	0.0	50	1.0	0.349	0.0	60.3	35.6	59.0	68.9	58.8	
3243	R31Y_050_037de	0.5	0.25	0.125	0.5	0.375	0.312	49	0.0	41	1.0	0.205	0.0	54.3	48.2	51.0	70.2	46.6	
3244	R0Y0_050_025de	0.5	0.25	0.25	0.5	0.25	0.375	390	0.0	378	1.0	0.0	0.209	47.6	64.9	30.9	71.9	25.4	
3245	R0Y0_050_025de	0.5	0.25	0.375	0.5	0.25	0.375	360	0.0	327	0.948	0.0	1.0	47.6	64.9	30.9	71.9	25.4	
3246	B34R_062_050de	0.5	0.25	0.5	0.5	0.0	0.625	0.437	0.0	293	0.407	0.0	1.0	34.8	49.2	-30.0	57.7	328.6	
3247	B34R_062_050de	0.5	0.25	0.625	0.5	0.0	0.625	0.437	0.0	285	0.273	0.0	1.0	31.9	38.4	-38.0	54.0	315.3	
3248	B34R_062_050de	0.5	0.25	0.75	0.75	0.0	0.625	0.437	0.0	276	0.126	0.0	1.0	29.3	31.8	-42.5	53.1	306.8	
3249	B34R_062_050de	0.5	0.25	0.875	0.875	0.0	0.875	0.875	0.0	272	0.045	0.0	1.0	26.7	26.6	-45.8	52.9	300.1	
3250	B34R_062_050de	0.5	0.25	1.0	1.0	0.0	0.875	0.562	0.0	268	0.002	1.0	25.8	22.5	-47.3	52.4	295.4		
3251	B34R_062_050de	0.5	0.25	1.0	1.0	0.0	0.875	0.562	0.0	268	0.002	1.0	25.8	22.5	-47.3	52.4	295.4		
3252	B34R_062_050de	0.5	0.25	1.0	1.0	0.0	0.875	0.562	0.0	268	0.002	1.0	25.8	22.5	-47.3	52.4	295.4		
3253	B34R_062_050de	0.5	0.25	1.0	1.0	0.0	0.875	0.562	0.0	268	0.002	1.0	25.8	22.5	-47.3	52.4	295.4		
3254	B34R_062_050de	0.5	0.25	1.0	1.0	0.0	0.875	0.562	0.0	268	0.002	1.0	25.8	22.5	-47.3	52.4	295.4		
3255	B34R_062_050de	0.5	0.25	1.0	1.0	0.0	0.875	0.562	0.0	268	0.002	1.0	25.8	22.5	-47.3	52.4	295.4		
3256	B34R_062_050de	0.5	0.25	1.0	1.0	0.0	0.875	0.562	0.0	268	0.002	1.0	25.8	22.5	-47.3	52.4	295.4		
3257	B34R_062_050de	0.5	0.25	1.0	1.0	0.0	0.875	0.562	0.0	268	0.002	1.0	25.8	22.5	-47.3	52.4	295.4		
3258	B34R_062_050de	0.5	0.25	1.0	1.0	0.0	0.875	0.562	0.0	268	0.002	1.0	25.8	22.5	-47.3	52.4	295.4		
3259	B34R_062_050de	0.5	0.25	1.0	1.0	0.0	0.875	0.562	0.0	268	0.002	1.0	25.8	22.5	-47.3	52.4	295.4		
3260	Y00C_050_050de	0.5	0.375	0.0	0.5	0.5	0.25	76	0.0	67	1.0	0.563	0.0	70.4	17.0	72.2	74.2	76.7	
3261	Y00C_050_037de	0.5	0.375	0.125	0.5	0.375	0.312	71	0.0	59	1.0	0.495	0.0	67.0	23.0	67.3	71.1	71.1	
3262	Y00C_050_025de	0.5	0.375	0.25	0.5	0.375	0.312	67	0.0	50	1.0	0.349	0.0	60.3	35.6	59.0	68.9	58.8	
3263	Y00C_050_012de	0.5	0.375	0.375	0.5	0.375	0.312	64	0.0	47	1.0	0.205	0.0	54.3	48.2	51.0	70.2	46.6	
3264	Y00C_050_012de	0.5	0.375	0.375	0.5	0.375	0.312	61	0.0	44	1.0	0.205	0.0	54.3	48.2	51.0	70.2	46.6	
3265	B00R_062_012de	0.5	0.625	0.125	0.562	270	0.5	0.546	0.625	59.1	0.1	-5.6	5.6	271.7	0.209	0.115	0.0	0.0	0.0
3266	B00R_062_012de	0.5	0.625	0.125	0.562	270	0.5	0.546	0.625	59.1	0.1	-5.6	5.6	271.7	0.209	0.115	0.0	0.0	0.0
3267	B00R_062_012de	0.5	0.625	0.125	0.562	270	0.5	0.546	0.625	59.1	0.1	-5.6	5.6	271.7	0.209	0.115	0.0	0.0	0.0
3268	B00R_062_012de	0.5	0.625	0.125	0.562	270	0.5	0.546	0.625	59.1	0.1	-5.6	5.6	271.7	0.209	0.115	0.0	0.0	0.0
3269	B00R_062_012de	0.5	0.625	0.125	0.562	270	0.5	0.546	0.625	59.1	0.1	-5.6	5.6	271.7	0.209	0.115	0.0	0.0	0.0
3270	B00R_062_012de	0.5	0.625	0.125	0.562	270	0.5	0.546	0.625	59.1	0.1	-5.6	5.6	271.7	0.209	0.115	0.0	0.0	0.0
3271	Y18C_062_050de	0.5	0.5	0.75	0.75	0.0	0.625	0.437	0.0	293	0.407	0.0	1.0	34.8	49.2	-30.0	57.7	328.6	
3272	Y18C_062_050de	0.5	0.5	0.75	0.75	0.0	0.625	0.437	0.0	285	0.273	0.0	1.0	31.9	38.4	-38.0	54.0	315.3	
3273	Y18C_062_050de	0.5	0.5	0.75	0.75	0.0	0.625	0.437	0.0	276	0.126	0.0	1.0	29.3	31.8	-42.5	53.1	306.8	
3274	Y18C_062_050de	0.5	0.5	0.75	0.75	0.0	0.625	0.437	0.0	272	0.045	0.0	1.0	26.7	26.6	-45.8	52.9	300.1	
3275	Y18C_062_050de	0.5	0.5	0.75	0.75	0.0	0.625	0.437	0.0	268	0.002	1.0	25.8	22.5	-47.3	52.4	295.4		
3276	Y18C_062_050de	0.5	0.5	0.75	0.75	0.0	0.625	0.437	0.0	268	0.002	1.0	25.8	22.5	-47.3	52.4	295.4		
3277	Y18C_062_050de	0.5	0.5	0.75	0.75	0.0	0.625	0.437	0.0	268	0.002	1.0	25.8	22.5	-47.3	52.4	295.4		
3278	Y18C_062_050de	0.5	0.5	0.75	0.75	0.0	0.625	0.437	0.0	268	0.002	1.0	25.8	22.5	-47.3	52.4	295.4		
3279	Y18C_062_050de	0.5	0.5	0.75	0.75	0.0	0.625	0.437	0.0	268	0.002	1.0	25.8	22.5	-47.3	52.4	295.4		
3280	Y18C_062_050de	0.5	0.5	0.75	0.75	0.0	0.625	0.437	0.0	268	0.002	1.0	25.8	22.5	-47.3	52.4	295.4		
3281	Y18C_062_050de	0.5	0.5	0.75	0.75	0.0	0.625	0.437	0.0	268	0.002	1.0	25.8	22.5	-47.3	52.4	295.4		
3282	Y18C_062_050de	0.5	0.5	0.75	0.75	0.0	0.625	0.437	0.0	268	0.002	1.0	25.8	22.5	-47.3	52.4	295.4		
3283	Y18C_062_050de	0.5	0.5	0.75	0.75	0.0	0.625	0.437	0.0	268	0.002	1.0	25.8	22.5	-47.3	52.4	295.4		
3284	Y18C_062_050de	0.5	0.5	0.75	0.75	0.0	0.625	0.437	0.0	268	0.002	1.0	25.8	22.5	-47.3	52.4	295.4		
3285	Y18C_062_050de	0.5	0.5	0.75	0.75	0.0	0.625	0.437	0.0	268	0.002	1.0	25.8	22.5	-47.3	52.4	295.4		
3286	Y18C_062_050de	0.5	0.5	0.75	0.75	0.0	0.625	0.437	0.0	268	0.002	1.0	25.8	22.5	-47.3	52.4	295.4		
3287	Y18C_062_050de	0.5	0.5	0.75	0.75	0.0	0.625	0.437	0.0	268	0.002	1.0	25.8	22.5	-47.3	52.4	295.4		
3288	Y18C_062_050de	0.5	0.5	0.75	0.75	0.0	0.625	0.437	0.0	268	0.002	1.0	25.8	22.5	-47.3	52.4	295.4		
3289	Y18C_062_050de	0.5	0.5	0.75	0.75	0.0	0.625	0.437	0.0	268	0.002	1.0	25.8	22.5	-47.3	52.4	295.4		
3290	Y18C_062_050de	0.5	0.5	0.75	0.75	0.0	0.625	0.437	0.0	268	0.002	1.0	25.8	22.5	-47.3	52.4	295.4		
3291	Y18C_062_050de	0.5	0.5	0.75	0.75	0.0	0.625	0.437	0.0	268	0.002	1.0	25.8	22.5	-47.3	52.4	295.4		
3292	Y18C_062_050de	0.5	0.5	0.75	0.75	0.0	0.625	0.437	0.0	268	0.002	1.0	25.8	22.5	-47.3	52.4	295.4		
3293	Y18C_062_05																		

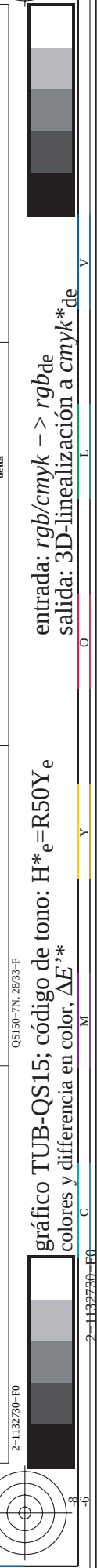
n	HC*File	rgb_file	icc_file	hsa_file	rgb*File	LabCh*File	cmyn*sep.File	delta	hsa.de	rgb*de	LabCh*de				
486	R00Y.075.075de	0.75	0.0	0.75	0.75	40.1	0.932	0.287	378	1.0	0.209	47.6	64.9	71.9	25.4
487	R35Y.075.075de	0.75	0.125	0.75	0.0	40.2	0.932	0.543	364	1.0	0.0428	47.7	68.9	18.5	15.4
488	R10Y.075.075de	0.75	0.25	0.75	0.75	40.4	0.929	0.347	329	1.0	0.066	48.0	69.6	4.3	5.2
489	R10Y.075.075de	0.75	0.375	0.75	0.75	39.9	0.928	0.039	347	1.0	0.0	47.3	71.5	-9.9	72.1
490	B65R.075.075de	0.75	0.0	0.75	0.75	36.6	0.918	0.0	315	1.0	0.0	42.9	65.4	-15.5	67.2
491	B57R.075.075de	0.75	0.0	0.625	0.75	34.1	0.921	0.0	304	1.0	0.0	39.6	56.7	-23.9	61.5
492	B50R.075.075de	0.75	0.0	0.5	0.75	30.5	0.925	0.0	293	1.0	0.0	34.8	49.1	-30.0	57.7
493	B43R.087.087de	0.75	0.0	0.875	0.75	30.9	0.964	0.0	288	1.0	0.0	32.8	43.1	-34.9	55.5
494	B38R.100.100de	0.75	0.0	1.0	0.0	31.9	0.725	0.0	32	1.0	0.0	31.9	38.4	-38.0	54.0
495	R15Y.075.075de	0.75	0.125	0.0	0.75	40.9	0.924	0.285	378	1.0	0.0	48.7	60.7	43.3	74.6
496	R10Y.075.062de	0.75	0.125	0.75	0.625	40.3	0.793	0.585	361	1.0	0.0	47.6	64.9	30.9	71.9
497	R10Y.075.062de	0.75	0.25	0.75	0.625	40.1	0.799	0.423	361	1.0	0.0	47.7	67.4	15.8	69.2
498	R11Y.075.062de	0.75	0.375	0.75	0.625	40.4	0.798	0.224	329	1.0	0.0	47.7	67.4	15.8	69.2
499	B69R.075.062de	0.75	0.0	0.625	0.75	35.3	0.798	0.019	332	1.0	0.0	46.0	69.6	-11.7	70.6
500	B59R.075.062de	0.75	0.125	0.75	0.625	35.3	0.798	0.0	307	1.0	0.0	40.6	58.3	-22.3	62.4
501	B50R.075.062de	0.75	0.25	0.75	0.625	34.1	0.798	0.0	293	1.0	0.0	34.8	49.2	-30.0	57.7
502	B42R.087.075de	0.75	0.125	0.875	0.75	32.1	0.821	0.0	287	1.0	0.0	32.7	43.2	-35.4	55.2
503	B36R.100.087de	0.75	0.125	1.0	0.0	39.6	0.664	0.0	284	1.0	0.0	31.6	36.8	-38.9	53.4
504	R10Y.075.062de	0.75	0.25	0.0	0.75	40.1	0.932	0.585	378	1.0	0.0	48.7	60.7	43.3	74.6
505	R10Y.075.062de	0.75	0.375	0.75	0.625	40.1	0.799	0.224	329	1.0	0.0	47.7	67.4	15.8	69.2
506	R26Y.075.090de	0.75	0.25	0.75	0.625	43.7	0.799	0.423	361	1.0	0.0	47.7	67.4	15.8	69.2
507	R26Y.075.090de	0.75	0.375	0.75	0.625	43.7	0.799	0.224	329	1.0	0.0	47.7	67.4	15.8	69.2
508	B61R.075.090de	0.75	0.0	0.625	0.75	35.3	0.798	0.019	332	1.0	0.0	46.0	69.6	-11.7	70.6
509	B50R.075.090de	0.75	0.125	0.75	0.625	35.3	0.798	0.0	307	1.0	0.0	40.6	58.3	-22.3	62.4
510	B38R.100.075de	0.75	0.125	1.0	0.0	39.6	0.664	0.0	284	1.0	0.0	31.6	36.8	-38.9	53.4
511	B38R.100.075de	0.75	0.25	0.0	0.75	40.1	0.932	0.585	378	1.0	0.0	48.7	60.7	43.3	74.6
512	B38R.100.075de	0.75	0.375	0.75	0.625	40.1	0.799	0.224	329	1.0	0.0	47.7	67.4	15.8	69.2
513	B38Y.075.075de	0.75	0.625	0.75	0.625	40.1	0.799	0.224	329	1.0	0.0	47.7	67.4	15.8	69.2
514	B38Y.075.075de	0.75	0.75	0.75	0.625	40.1	0.799	0.224	329	1.0	0.0	47.7	67.4	15.8	69.2
515	R23Y.075.050de	0.75	0.375	0.75	0.625	40.1	0.799	0.224	329	1.0	0.0	47.7	67.4	15.8	69.2
516	R23Y.075.050de	0.75	0.5	0.75	0.625	40.1	0.799	0.224	329	1.0	0.0	47.7	67.4	15.8	69.2
517	R18Y.075.037de	0.75	0.375	0.75	0.625	40.1	0.799	0.224	329	1.0	0.0	47.7	67.4	15.8	69.2
518	B65R.075.037de	0.75	0.375	0.625	0.75	35.3	0.798	0.019	332	1.0	0.0	46.0	69.6	-11.7	70.6
519	B50R.075.037de	0.75	0.375	0.625	0.75	34.1	0.798	0.0	293	1.0	0.0	34.8	49.2	-30.0	57.7
520	B38R.087.050de	0.75	0.375	0.875	0.75	32.1	0.821	0.0	287	1.0	0.0	32.7	43.2	-35.4	55.2
521	B38R.100.062de	0.75	0.375	1.0	0.0	39.6	0.664	0.0	284	1.0	0.0	31.6	36.8	-38.9	53.4
522	R69Y.075.075de	0.75	0.5	0.75	0.625	40.1	0.799	0.224	329	1.0	0.0	47.7	67.4	15.8	69.2
523	R61Y.075.062de	0.75	0.5	0.625	0.75	35.3	0.798	0.019	332	1.0	0.0	46.0	69.6	-11.7	70.6
524	R50Y.075.050de	0.75	0.5	0.625	0.75	34.1	0.798	0.0	293	1.0	0.0	34.8	49.2	-30.0	57.7
525	R31Y.075.037de	0.75	0.5	0.375	0.75	40.1	0.799	0.224	329	1.0	0.0	47.7	67.4	15.8	69.2
526	R00Y.075.025de	0.75	0.5	0.75	0.625	40.1	0.799	0.224	329	1.0	0.0	47.7	67.4	15.8	69.2
527	R00Y.075.025de	0.75	0.625	0.75	0.625	40.1	0.799	0.224	329	1.0	0.0	47.7	67.4	15.8	69.2
528	B50R.075.025de	0.75	0.5	0.75	0.625	36.0	0.798	0.0	293	1.0	0.0	34.8	49.2	-30.0	57.7
529	B34R.087.037de	0.75	0.5	0.875	0.75	31.1	0.875	0.0	272	1.0	0.0	30.7	34.6	-40.4	53.3
530	B23R.100.050de	0.75	0.5	1.0	0.0	35.6	0.687	0.0	281	1.0	0.0	26.7	26.6	-45.8	52.9
531	R85Y.075.075de	0.75	0.625	0.75	0.625	40.1	0.799	0.224	329	1.0	0.0	47.7	67.4	15.8	69.2
532	R85Y.075.062de	0.75	0.625	0.75	0.625	40.1	0.799	0.224	329	1.0	0.0	47.7	67.4	15.8	69.2
533	R76Y.075.050de	0.75	0.625	0.75	0.625	40.1	0.799	0.224	329	1.0	0.0	47.7	67.4	15.8	69.2
534	R68Y.075.037de	0.75	0.625	0.75	0.625	40.1	0.799	0.224	329	1.0	0.0	47.7	67.4	15.8	69.2
535	R00Y.075.025de	0.75	0.625	0.75	0.625	40.1	0.799	0.224	329	1.0	0.0	47.7	67.4	15.8	69.2
536	R00Y.075.025de	0.75	0.625	0.75	0.625	40.1	0.799	0.224	329	1.0	0.0	47.7	67.4	15.8	69.2
537	B50R.075.012de	0.75	0.625	0.75	0.625	40.1	0.799	0.224	329	1.0	0.0	47.7	67.4	15.8	69.2
538	B23R.087.025de	0.75	0.625	0.875	0.75	32.1	0.821	0.0	287	1.0	0.0	32.7	43.2	-35.4	55.2
539	B13R.100.037de	0.75	0.625	1.0	0.0	37.5	0.812	0.0	289	1.0	0.0	33.0	35.6	-50.0	68.9
540	Y00G.075.075de	0.75	0.75	0.75	0.75	70.0	0.812	0.0	289	1.0	0.0	33.0	35.6	-50.0	68.9
541	Y00G.075.062de	0.75	0.75	0.625	0.75	68.2	0.812	0.0	289	1.0	0.0	33.0	35.6	-50.0	68.9
542	Y00G.075.050de	0.75	0.75	0.5	0.75	63.5	0.812	0.0	289	1.0	0.0	33.0	35.6	-50.0	68.9
543	Y00G.075.037de	0.75	0.75	0.375	0.75	58.3	0.812	0.0	289	1.0	0.0	33.0	35.6	-50.0	68.9
544	Y00G.075.025de	0.75	0.75	0.25	0.75	52.9	0.812	0.0	289	1.0	0.0	33.0	35.6	-50.0	68.9
545	Y00G.075.012de	0.75	0.75	0.125	0.75	47.4	0.812	0.0	289	1.0	0.0	33.0	35.6	-50.0	68.9
546	Y00G.075.012de	0.75	0.75	0.0	0.75	40.1	0.812	0.0	289	1.0	0.0	33.0	35.6	-50.0	68.9
547	B00R.087.012de	0.75	0.75	0.75	0.75	70.0	0.812	0.0	289	1.0	0.0	33.0	35.6	-50.0	68.9
548	B00R.100.025de	0.75	0.75	1.0	0.0	68.2	0.812	0.0	289	1.0	0.0	33.0	35.6	-50.0	68.9
549	Y13C.087.087de	0.75	0.75	0.75	0.75	70.0	0.812	0.0	289	1.0	0.0	33.0	35.6	-50.0	68.9
550	Y18C.087.062de	0.75	0.75	0.625	0.75	68.2	0.812	0.0	289	1.0	0.0	33.0	35.6	-50.0	68.9
551	Y18C.087.050de	0.75	0.75	0.5	0.75	63.5	0.812	0.0	289	1.0	0.0	33.0	35.6	-50.0	68.9
552	Y23C.087.037de	0.75	0.75	0.375	0.75	58.3	0.812	0.0	289	1.0	0.0	33.0	35.6	-50.0	68.9
553	Y31G.087.037de	0.75	0.75	0.25	0.75	52.9	0.812	0.0	289	1.0	0.0	33.0	35.6	-50.0	68.9
554	Y50C.087.025de	0.75	0.75	0.125	0.75	47.4	0.812	0.0	289	1.0	0.0	33.0	35.6	-50.0	68.9
555	G00B.087.012de	0.75	0.75	0.75	0.75	70.0	0.812	0.0	289	1.0	0.0	33.0	35.6	-50.0	68.9
556	G50B.087.012de	0.75	0.75	0.625	0.75	68.2	0.812	0.0	289	1.0	0.0	33.0	35.6	-50.0	68.9
557	G73B.100.025de	0.75	0.75	1.0	0.0	68.2	0.812	0.0	289	1.0	0.0	33.0	35.6	-50.0	68.9
558	Y23C.100.100de	0.75	0.75	1.0	0.0	68.2	0.812	0.0	289	1.0	0.0	33.0	35.6	-50.0	68.9
559	Y26C.100.087de	0.75	0.75	1.0	0.0	68.2	0.812	0.0	289	1.0	0.0	33.0	35.6	-50.0	68.9
560	Y31G.100.075de	0.75	0.75	1.0	0.0	68.2	0.812	0.0	289	1.0	0.0	33.0	35.6	-50.0	68.9
561	Y38C.100.062de	0.75	0.75	1.0	0.0	68.2	0.812	0.0	289	1.0	0.0	33.0	35.6	-50.0	68.9
562	Y60C.100.050de	0.75	0.75	1.0	0.0	68.2	0.812	0.0	289	1.0	0.0	33.0	35.6	-50.0	68.9
563	Y68C.100.037de	0.75	0.75	1.0	0.0	68.2	0.812	0.0	289	1.0	0.0	33.0	35.6	-50.0	68.9
564	G00B.100.025de	0.75	0.75	1.0	0.0	68.2	0.812	0.0	289	1.0	0.0	33.0	35.6	-50.0	68.9
565	G25B.100.025de	0.75	0.75												



http://130.149.60.45/~farbmetrik/QS15/QS15L0FA.TXT /.PS; 3D-linealización

F: 3D-linealización QS15/QS15L30FA.DAT en archivo (F), página 28/33

n	HC*File	rgb*File	ic*File	hsa*File	rgb*File	LabCh*File	cmyn*sepFile	hsa*de	rgb*de	LabCh*de	delta
648	R00Y_100_100de	1.0	0.0	0.0	0.0	47.6	0.0	378	1.0	47.6	25.4
649	R38Y_100_100de	1.0	0.0	0.0	0.0	386	0.0	367	1.0	386	17.6
650	R26Y_100_100de	1.0	0.0	0.0	0.0	538	0.0	357	1.0	538	9.8
651	R13Y_100_100de	1.0	0.0	0.0	0.0	735	0.0	344	1.0	735	0.9
652	R00Y_100_100de	1.0	0.0	0.0	0.0	948	0.0	321	1.0	948	0.0
653	R68R_100_100de	1.0	0.0	0.0	0.0	45.2	0.0	321	1.0	45.2	68.5
654	B61R_100_100de	1.0	0.0	0.0	0.0	41.6	0.0	301	1.0	41.6	61.0
655	B55R_100_100de	1.0	0.0	0.0	0.0	38.6	0.0	301	1.0	38.6	55.0
656	B50R_100_100de	1.0	0.0	0.0	0.0	34.8	0.0	293	1.0	34.8	49.2
657	R11Y_100_100de	1.0	0.0	0.0	0.0	0.007	0.0	290	1.0	0.007	33.2
658	R30Y_100_097de	1.0	0.875	0.562	390	1.0	0.125	378	1.0	0.875	25.4
659	R36Y_100_097de	1.0	0.875	0.562	382	1.0	0.125	366	1.0	0.875	19.8
660	R23Y_100_097de	1.0	0.875	0.562	374	1.0	0.125	354	1.0	0.875	16.5
661	R00Y_100_097de	1.0	0.875	0.562	365	1.0	0.125	338	1.0	0.875	7.6
662	B70R_100_097de	1.0	0.875	0.562	355	1.0	0.125	338	1.0	0.875	7.6
663	B63R_100_097de	1.0	0.875	0.562	346	1.0	0.125	312	1.0	0.875	72.4
664	B56R_100_097de	1.0	0.875	0.562	338	1.0	0.125	303	1.0	0.875	65.4
665	B50R_100_097de	1.0	0.875	0.562	330	1.0	0.125	303	1.0	0.875	61.0
666	R23Y_100_100de	1.0	0.0	0.0	0.0	0.025	0.0	37	1.0	0.025	41.0
667	R13Y_100_100de	1.0	0.0	0.0	0.0	1137	0.0	31	1.0	1137	41.0
668	R00Y_100_100de	1.0	0.0	0.0	0.0	1137	0.0	31	1.0	1137	41.0
669	R38Y_100_100de	1.0	0.0	0.0	0.0	1137	0.0	31	1.0	1137	41.0
670	R26Y_100_100de	1.0	0.0	0.0	0.0	1137	0.0	31	1.0	1137	41.0
671	R13Y_100_100de	1.0	0.0	0.0	0.0	1137	0.0	31	1.0	1137	41.0
672	R00Y_100_100de	1.0	0.0	0.0	0.0	1137	0.0	31	1.0	1137	41.0
673	B68R_100_100de	1.0	0.0	0.0	0.0	1137	0.0	31	1.0	1137	41.0
674	B61R_100_100de	1.0	0.0	0.0	0.0	1137	0.0	31	1.0	1137	41.0
675	B55R_100_100de	1.0	0.0	0.0	0.0	1137	0.0	31	1.0	1137	41.0
676	B50R_100_100de	1.0	0.0	0.0	0.0	1137	0.0	31	1.0	1137	41.0
677	R11Y_100_100de	1.0	0.0	0.0	0.0	1137	0.0	31	1.0	1137	41.0
678	R30Y_100_100de	1.0	0.0	0.0	0.0	1137	0.0	31	1.0	1137	41.0
679	R36Y_100_100de	1.0	0.0	0.0	0.0	1137	0.0	31	1.0	1137	41.0
680	R23Y_100_100de	1.0	0.0	0.0	0.0	1137	0.0	31	1.0	1137	41.0
681	B70R_100_100de	1.0	0.0	0.0	0.0	1137	0.0	31	1.0	1137	41.0
682	B63R_100_100de	1.0	0.0	0.0	0.0	1137	0.0	31	1.0	1137	41.0
683	B56R_100_100de	1.0	0.0	0.0	0.0	1137	0.0	31	1.0	1137	41.0
684	B50R_100_100de	1.0	0.0	0.0	0.0	1137	0.0	31	1.0	1137	41.0
685	R41Y_100_097de	1.0	0.875	0.562	55	1.0	0.375	46	1.0	0.875	53.3
686	R31Y_100_097de	1.0	0.875	0.562	49	1.0	0.375	46	1.0	0.875	53.3
687	R18Y_100_097de	1.0	0.875	0.562	41	1.0	0.375	34	1.0	0.875	37.7
688	R00Y_100_097de	1.0	0.875	0.562	390	1.0	0.375	378	1.0	0.875	25.4
689	R26Y_100_097de	1.0	0.875	0.562	376	1.0	0.375	357	1.0	0.875	18.8
690	R13Y_100_097de	1.0	0.875	0.562	344	1.0	0.375	310	1.0	0.875	11.8
691	B61R_100_097de	1.0	0.875	0.562	330	1.0	0.375	310	1.0	0.875	11.8
692	B55R_100_097de	1.0	0.875	0.562	300	1.0	0.375	293	1.0	0.875	9.8
693	B50R_100_097de	1.0	0.875	0.562	282	1.0	0.375	282	1.0	0.875	9.8
694	R38Y_100_100de	1.0	0.0	0.0	0.0	1137	0.0	31	1.0	1137	41.0
695	R26Y_100_100de	1.0	0.0	0.0	0.0	1137	0.0	31	1.0	1137	41.0
696	R13Y_100_100de	1.0	0.0	0.0	0.0	1137	0.0	31	1.0	1137	41.0
697	R00Y_100_100de	1.0	0.0	0.0	0.0	1137	0.0	31	1.0	1137	41.0
698	B68R_100_100de	1.0	0.0	0.0	0.0	1137	0.0	31	1.0	1137	41.0
699	B61R_100_100de	1.0	0.0	0.0	0.0	1137	0.0	31	1.0	1137	41.0
700	B55R_100_100de	1.0	0.0	0.0	0.0	1137	0.0	31	1.0	1137	41.0
701	B50R_100_100de	1.0	0.0	0.0	0.0	1137	0.0	31	1.0	1137	41.0
702	R41Y_100_097de	1.0	0.875	0.562	71	1.0	0.375	64	1.0	0.875	74.4
703	R31Y_100_097de	1.0	0.875	0.562	65	1.0	0.375	64	1.0	0.875	74.4
704	R18Y_100_097de	1.0	0.875	0.562	57	1.0	0.375	55	1.0	0.875	71.2
705	R00Y_100_097de	1.0	0.875	0.562	390	1.0	0.375	378	1.0	0.875	25.4
706	R26Y_100_097de	1.0	0.875	0.562	376	1.0	0.375	357	1.0	0.875	18.8
707	R13Y_100_097de	1.0	0.875	0.562	344	1.0	0.375	310	1.0	0.875	11.8
708	B61R_100_097de	1.0	0.875	0.562	330	1.0	0.375	310	1.0	0.875	11.8
709	B55R_100_097de	1.0	0.875	0.562	300	1.0	0.375	293	1.0	0.875	9.8
710	B50R_100_097de	1.0	0.875	0.562	282	1.0	0.375	282	1.0	0.875	9.8
711	R38Y_100_100de	1.0	0.0	0.0	0.0	1137	0.0	31	1.0	1137	41.0
712	R26Y_100_100de	1.0	0.0	0.0	0.0	1137	0.0	31	1.0	1137	41.0
713	R13Y_100_100de	1.0	0.0	0.0	0.0	1137	0.0	31	1.0	1137	41.0
714	R00Y_100_100de	1.0	0.0	0.0	0.0	1137	0.0	31	1.0	1137	41.0
715	B68R_100_100de	1.0	0.0	0.0	0.0	1137	0.0	31	1.0	1137	41.0
716	B61R_100_100de	1.0	0.0	0.0	0.0	1137	0.0	31	1.0	1137	41.0
717	B55R_100_100de	1.0	0.0	0.0	0.0	1137	0.0	31	1.0	1137	41.0
718	B50R_100_100de	1.0	0.0	0.0	0.0	1137	0.0	31	1.0	1137	41.0
719	R41Y_100_097de	1.0	0.875	0.562	90	1.0	0.375	81	1.0	0.875	92.3
720	R31Y_100_097de	1.0	0.875	0.562	84	1.0	0.375	81	1.0	0.875	92.3
721	R18Y_100_097de	1.0	0.875	0.562	76	1.0	0.375	81	1.0	0.875	92.3
722	R00Y_100_097de	1.0	0.875	0.562	390	1.0	0.375	378	1.0	0.875	25.4
723	R26Y_100_097de	1.0	0.875	0.562	376	1.0	0.375	357	1.0	0.875	18.8
724	R13Y_100_097de	1.0	0.875	0.562	344	1.0	0.375	310	1.0	0.875	11.8
725	B61R_100_097de	1.0	0.875	0.562	330	1.0	0.375	310	1.0	0.875	11.8
726	B55R_100_097de	1.0	0.875	0.562	300	1.0	0.375	293	1.0	0.875	9.8
727	B50R_100_097de	1.0	0.875	0.562	282	1.0	0.375	282	1.0	0.875	9.8
728	NW_100de	1.0	1.0	1.0	1.0	95.4	0.0	360	1.0	95.4	0.0



entrada: *rgb/cmyk* -> *rgbde*

salida: 3D-linealización a *cmyk**de

gráfico TUB-QS15; código de tono: H*=R50Y e

colores y diferencia en color, ΔE^*

2-1132730-F0

QS15-7N, 2833-F

TUB matrícula: 20130201-QS15/QS15L0FA.TXT /.PS TUB material: code=rha4ta
aplicación para la medida salida en la impresión offset, separación cmyk* (CMYK)

http://130.149.60.45/~farbmetrik/QS15/QS15L0FA.TXT /.PS; 3D-linealización
F: 3D-linealización QS15/QS15L30FA.DAT en archivo (F), página 31/33

n	HVC*File	rgb*File	icr*File	hsv*File	rgb*File	LabCH*File	cmyk*sep*File	hsv*File	rgb*File	LabCH*File	delta	
891	NW_100de	1.0	1.0	1.0	1.0	95.4	0.0	0.0	0.0	95.4	0.0	
892	B50R_100.012de	0.875	1.0	0.875	1.0	87.9	6.1	-3.7	7.2	328.6	0.0	
893	B50R_100.025de	0.75	1.0	0.75	1.0	80.3	12.3	-7.5	14.4	328.6	0.0	
894	B50R_100.037de	0.625	1.0	0.625	1.0	72.7	18.4	-11.2	21.6	328.6	0.0	
895	B50R_100.050de	0.5	1.0	0.5	1.0	65.1	24.6	-15.0	28.8	328.6	0.0	
896	B50R_100.062de	0.375	1.0	0.375	1.0	57.5	30.8	-18.7	36.0	328.6	0.0	
897	B50R_100.075de	0.25	1.0	0.25	1.0	50.0	36.9	-22.5	43.2	328.6	0.0	
898	B50R_100.087de	0.125	1.0	0.125	1.0	42.4	43.1	-26.3	50.5	328.6	0.0	
899	B50R_100.100de	0.0	1.0	0.0	1.0	34.8	49.2	-30.0	57.7	328.6	0.0	
900	GOB_100.012de	0.875	1.0	0.875	1.0	90.0	-8.3	2.6	8.8	162.2	0.0	
901	NW_087de	0.875	0.875	0.875	0.875	85.7	8.7	0.0	0.0	0.0	0.0	
902	B50R_087.012de	0.875	0.875	0.875	0.875	78.1	16.1	-3.7	7.2	328.6	0.0	
903	B50R_087.025de	0.875	0.875	0.875	0.875	70.6	23.5	-7.5	14.4	328.6	0.0	
904	B50R_087.037de	0.875	0.875	0.875	0.875	63.0	30.8	-11.2	21.6	328.6	0.0	
905	B50R_087.050de	0.875	0.875	0.875	0.875	55.4	38.2	-15.0	28.8	328.6	0.0	
906	B50R_087.062de	0.875	0.875	0.875	0.875	47.8	45.6	-18.7	36.0	328.6	0.0	
907	B50R_087.075de	0.875	0.875	0.875	0.875	40.2	52.9	-22.5	43.2	328.6	0.0	
908	B50R_087.087de	0.875	0.875	0.875	0.875	32.7	60.3	-26.3	50.5	328.6	0.0	
909	GOB_100.025de	0.75	1.0	0.75	1.0	84.7	-16.7	5.3	17.6	162.2	0.0	
910	GOB_100.037de	0.75	1.0	0.75	1.0	77.3	-24.1	8.0	25.0	162.2	0.0	
911	NW_075de	0.75	1.0	0.75	1.0	76.0	0.0	0.0	0.0	0.0	0.0	
912	B50R_075.012de	0.75	0.875	0.75	0.875	68.4	8.7	0.0	0.0	0.0	0.0	
913	B50R_075.025de	0.75	0.875	0.75	0.875	60.9	16.1	-3.7	7.2	328.6	0.0	
914	B50R_075.037de	0.75	0.875	0.75	0.875	53.3	23.5	-7.5	14.4	328.6	0.0	
915	B50R_075.050de	0.75	0.875	0.75	0.875	45.7	30.8	-11.2	21.6	328.6	0.0	
916	B50R_075.062de	0.75	0.875	0.75	0.875	38.1	38.2	-15.0	28.8	328.6	0.0	
917	B50R_075.075de	0.75	0.875	0.75	0.875	30.6	45.6	-18.7	36.0	328.6	0.0	
918	GOB_100.037de	0.625	1.0	0.625	1.0	65.9	79.3	-25.1	8.0	26.4	162.2	0.0
919	GOB_100.050de	0.625	1.0	0.625	1.0	58.4	86.8	-28.8	8.0	26.4	162.2	0.0
920	GOB_075.012de	0.625	0.875	0.625	0.875	55.9	0.0	0.0	0.0	0.0	0.0	
921	GOB_075.025de	0.625	0.875	0.625	0.875	48.4	8.7	0.0	0.0	0.0	0.0	
922	B50R_062.012de	0.625	0.875	0.625	0.875	45.9	16.1	-3.7	7.2	328.6	0.0	
923	B50R_062.025de	0.625	0.875	0.625	0.875	38.4	23.5	-7.5	14.4	328.6	0.0	
924	B50R_062.037de	0.625	0.875	0.625	0.875	30.9	30.8	-11.2	21.6	328.6	0.0	
925	B50R_062.050de	0.625	0.875	0.625	0.875	23.4	38.2	-15.0	28.8	328.6	0.0	
926	B50R_062.062de	0.625	0.875	0.625	0.875	15.9	45.6	-18.7	36.0	328.6	0.0	
927	GOB_100.050de	0.5	1.0	0.5	1.0	54.6	79.3	-33.5	10.7	35.2	162.2	0.0
928	GOB_087.037de	0.5	0.875	0.5	0.875	52.1	0.0	0.0	0.0	0.0	0.0	
929	GOB_087.050de	0.5	0.875	0.5	0.875	44.6	8.7	0.0	0.0	0.0	0.0	
930	GOB_087.062de	0.5	0.875	0.5	0.875	37.1	16.1	-3.7	7.2	328.6	0.0	
931	NW_050de	0.5	1.0	0.5	1.0	51.1	0.0	0.0	0.0	0.0	0.0	
932	B50R_050.012de	0.5	0.875	0.5	0.875	48.6	8.7	0.0	0.0	0.0	0.0	
933	B50R_050.025de	0.5	0.875	0.5	0.875	41.1	16.1	-3.7	7.2	328.6	0.0	
934	B50R_050.037de	0.5	0.875	0.5	0.875	33.6	23.5	-7.5	14.4	328.6	0.0	
935	B50R_050.050de	0.5	0.875	0.5	0.875	26.1	30.8	-11.2	21.6	328.6	0.0	
936	GOB_100.062de	0.375	1.0	0.375	1.0	68.5	-41.9	13.4	44.0	162.2	0.0	
937	GOB_087.050de	0.375	0.875	0.375	0.875	66.0	0.0	0.0	0.0	0.0	0.0	
938	GOB_087.062de	0.375	0.875	0.375	0.875	58.5	8.7	0.0	0.0	0.0	0.0	
939	GOB_087.075de	0.375	0.875	0.375	0.875	51.0	16.1	-3.7	7.2	328.6	0.0	
940	GOB_087.087de	0.375	0.875	0.375	0.875	43.5	23.5	-7.5	14.4	328.6	0.0	
941	NW_037de	0.375	1.0	0.375	1.0	41.0	0.0	0.0	0.0	0.0	0.0	
942	B50R_037.012de	0.375	0.875	0.375	0.875	38.5	8.7	0.0	0.0	0.0	0.0	
943	B50R_037.025de	0.375	0.875	0.375	0.875	31.0	16.1	-3.7	7.2	328.6	0.0	
944	B50R_037.037de	0.375	0.875	0.375	0.875	23.5	23.5	-7.5	14.4	328.6	0.0	
945	GOB_100.075de	0.25	1.0	0.25	1.0	31.0	44.0	16.1	52.8	162.2	0.0	
946	GOB_062.062de	0.25	0.875	0.25	0.875	28.5	0.0	0.0	0.0	0.0	0.0	
947	GOB_062.075de	0.25	0.875	0.25	0.875	21.0	8.7	0.0	0.0	0.0	0.0	
948	GOB_062.087de	0.25	0.875	0.25	0.875	13.5	16.1	-3.7	7.2	328.6	0.0	
949	GOB_050.012de	0.25	0.875	0.25	0.875	11.0	23.5	-7.5	14.4	328.6	0.0	
950	GOB_050.025de	0.25	0.875	0.25	0.875	4.5	30.8	-11.2	21.6	328.6	0.0	
951	NW_025de	0.25	1.0	0.25	1.0	25.5	0.0	0.0	0.0	0.0	0.0	
952	B50R_025.012de	0.25	0.875	0.25	0.875	23.0	8.7	0.0	0.0	0.0	0.0	
953	B50R_025.025de	0.25	0.875	0.25	0.875	15.5	16.1	-3.7	7.2	328.6	0.0	
954	GOB_100.087de	0.125	1.0	0.125	1.0	20.6	57.7	-58.7	18.8	61.6	162.2	0.0
955	GOB_087.075de	0.125	0.875	0.125	0.875	18.1	0.0	0.0	0.0	0.0	0.0	
956	GOB_087.087de	0.125	0.875	0.125	0.875	10.6	8.7	0.0	0.0	0.0	0.0	
957	GOB_062.050de	0.125	0.625	0.125	0.625	0.0	0.0	0.0	0.0	0.0	0.0	
958	GOB_050.037de	0.125	0.625	0.125	0.625	0.0	0.0	0.0	0.0	0.0	0.0	
959	GOB_037.025de	0.125	0.375	0.125	0.375	0.0	0.0	0.0	0.0	0.0	0.0	
960	GOB_025.012de	0.125	0.25	0.125	0.25	0.0	0.0	0.0	0.0	0.0	0.0	
961	NW_012de	0.125	1.0	0.125	1.0	12.5	0.0	0.0	0.0	0.0	0.0	
962	B50R_012.012de	0.125	0.875	0.125	0.875	10.0	0.0	0.0	0.0	0.0	0.0	
963	GOB_100.100de	0.0	1.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	
964	GOB_087.087de	0.0	0.875	0.0	0.875	0.0	0.0	0.0	0.0	0.0	0.0	
965	GOB_075.075de	0.0	0.75	0.0	0.75	0.0	0.0	0.0	0.0	0.0	0.0	
966	GOB_062.062de	0.0	0.625	0.0	0.625	0.0	0.0	0.0	0.0	0.0	0.0	
967	GOB_050.050de	0.0	0.5	0.0	0.5	0.0	0.0	0.0	0.0	0.0	0.0	
968	GOB_037.037de	0.0	0.375	0.0	0.375	0.0	0.0	0.0	0.0	0.0	0.0	
969	GOB_025.025de	0.0	0.25	0.0	0.25	0.0	0.0	0.0	0.0	0.0	0.0	
970	GOB_012.012de	0.0	0.125	0.0	0.125	0.0	0.0	0.0	0.0	0.0	0.0	
971	NW_000de	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	

QS150-7N, 31/33-F

gráfico TUB-QS15; código de tono: H*=R50Ye
colores y diferencia en color, ΔE^*

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

TUB matrícula: 20130201-QS15/QS15L0FA.TXT /PS TUB material: code=rha4ta
aplicación para la medida salida en la impresión offset, separación cmyk6* (CMYK)

vea archivos semejantes: <http://130.149.60.45/~farbmetrik/QS15/QS15L0FA.TXT>
información técnica: <http://www.ps.bam.de> o <http://130.149.60.45/~farbmetrik>

entrada: *rgb/cmyk* -> *rgb*de
salida: 3D-linealización a *cmyk**de

n	HVC*File	rgb*File	icT*File	hsa*File	rgb*File	LabCH*File	cmyn*sep*File	rgb*File	hsa*File	rgb*File	LabCH*File	delta
1053	NW_086de	0.866 0.866 0.866	0.866 0.866 0.866	0.866 0.866 0.866	0.866 0.866 0.866	85.0 0.0 0.0	0.007 0.0 0.179	1.0 1.0 1.0	360 360 360	1.0 1.0 1.0	95.4 95.4 95.4	0.0 0.0 0.0
1054	NW_093de	0.933 0.933 0.933	0.933 0.933 0.933	0.933 0.933 0.933	0.933 0.933 0.933	90.2 0.0 0.0	0.005 0.0 0.084	1.0 1.0 1.0	360 360 360	1.0 1.0 1.0	95.4 95.4 95.4	0.0 0.0 0.0
1055	NW_100de	1.0 1.0 1.0	1.0 1.0 1.0	1.0 1.0 1.0	1.0 1.0 1.0	95.4 0.0 0.0	0.0 0.0 0.0	1.0 1.0 1.0	360 360 360	1.0 1.0 1.0	95.4 95.4 95.4	0.0 0.0 0.0
1056	NW_000de	0.0 0.0 0.0	0.0 0.0 0.0	0.0 0.0 0.0	0.0 0.0 0.0	17.7 0.0 0.0	0.0 0.0 0.0	1.0 1.0 1.0	360 360 360	1.0 1.0 1.0	95.4 95.4 95.4	0.0 0.0 0.0
1057	NW_006de	0.066 0.066 0.066	0.066 0.066 0.066	0.066 0.066 0.066	0.066 0.066 0.066	22.8 0.0 0.0	0.007 0.0 0.093	1.0 1.0 1.0	360 360 360	1.0 1.0 1.0	95.4 95.4 95.4	0.0 0.0 0.0
1058	NW_013de	0.133 0.133 0.133	0.133 0.133 0.133	0.133 0.133 0.133	0.133 0.133 0.133	28.0 0.0 0.0	0.007 0.0 0.087	1.0 1.0 1.0	360 360 360	1.0 1.0 1.0	95.4 95.4 95.4	0.0 0.0 0.0
1059	NW_020de	0.2 0.2 0.2	0.2 0.2 0.2	0.2 0.2 0.2	0.2 0.2 0.2	33.2 0.0 0.0	0.007 0.0 0.082	1.0 1.0 1.0	360 360 360	1.0 1.0 1.0	95.4 95.4 95.4	0.0 0.0 0.0
1060	NW_026de	0.266 0.266 0.266	0.266 0.266 0.266	0.266 0.266 0.266	0.266 0.266 0.266	38.3 0.0 0.0	0.007 0.0 0.082	1.0 1.0 1.0	360 360 360	1.0 1.0 1.0	95.4 95.4 95.4	0.0 0.0 0.0
1061	NW_033de	0.333 0.333 0.333	0.333 0.333 0.333	0.333 0.333 0.333	0.333 0.333 0.333	43.6 0.0 0.0	0.007 0.0 0.082	1.0 1.0 1.0	360 360 360	1.0 1.0 1.0	95.4 95.4 95.4	0.0 0.0 0.0
1062	NW_040de	0.4 0.4 0.4	0.4 0.4 0.4	0.4 0.4 0.4	0.4 0.4 0.4	48.8 0.0 0.0	0.007 0.0 0.082	1.0 1.0 1.0	360 360 360	1.0 1.0 1.0	95.4 95.4 95.4	0.0 0.0 0.0
1063	NW_046de	0.466 0.466 0.466	0.466 0.466 0.466	0.466 0.466 0.466	0.466 0.466 0.466	53.9 0.0 0.0	0.007 0.0 0.082	1.0 1.0 1.0	360 360 360	1.0 1.0 1.0	95.4 95.4 95.4	0.0 0.0 0.0
1064	NW_053de	0.533 0.533 0.533	0.533 0.533 0.533	0.533 0.533 0.533	0.533 0.533 0.533	59.1 0.0 0.0	0.007 0.0 0.082	1.0 1.0 1.0	360 360 360	1.0 1.0 1.0	95.4 95.4 95.4	0.0 0.0 0.0
1065	NW_060de	0.6 0.6 0.6	0.6 0.6 0.6	0.6 0.6 0.6	0.6 0.6 0.6	64.3 0.0 0.0	0.007 0.0 0.082	1.0 1.0 1.0	360 360 360	1.0 1.0 1.0	95.4 95.4 95.4	0.0 0.0 0.0
1066	NW_066de	0.666 0.666 0.666	0.666 0.666 0.666	0.666 0.666 0.666	0.666 0.666 0.666	69.5 0.0 0.0	0.007 0.0 0.082	1.0 1.0 1.0	360 360 360	1.0 1.0 1.0	95.4 95.4 95.4	0.0 0.0 0.0
1067	NW_073de	0.734 0.734 0.734	0.734 0.734 0.734	0.734 0.734 0.734	0.734 0.734 0.734	74.7 0.0 0.0	0.007 0.0 0.082	1.0 1.0 1.0	360 360 360	1.0 1.0 1.0	95.4 95.4 95.4	0.0 0.0 0.0
1068	NW_080de	0.8 0.8 0.8	0.8 0.8 0.8	0.8 0.8 0.8	0.8 0.8 0.8	79.9 0.0 0.0	0.007 0.0 0.082	1.0 1.0 1.0	360 360 360	1.0 1.0 1.0	95.4 95.4 95.4	0.0 0.0 0.0
1069	NW_086de	0.866 0.866 0.866	0.866 0.866 0.866	0.866 0.866 0.866	0.866 0.866 0.866	85.0 0.0 0.0	0.007 0.0 0.082	1.0 1.0 1.0	360 360 360	1.0 1.0 1.0	95.4 95.4 95.4	0.0 0.0 0.0
1070	NW_093de	0.933 0.933 0.933	0.933 0.933 0.933	0.933 0.933 0.933	0.933 0.933 0.933	90.2 0.0 0.0	0.007 0.0 0.082	1.0 1.0 1.0	360 360 360	1.0 1.0 1.0	95.4 95.4 95.4	0.0 0.0 0.0
1071	NW_100de	1.0 1.0 1.0	1.0 1.0 1.0	1.0 1.0 1.0	1.0 1.0 1.0	95.4 0.0 0.0	0.0 0.0 0.0	1.0 1.0 1.0	360 360 360	1.0 1.0 1.0	95.4 95.4 95.4	0.0 0.0 0.0
1072	NW_000de	0.0 0.0 0.0	0.0 0.0 0.0	0.0 0.0 0.0	0.0 0.0 0.0	17.7 0.0 0.0	0.0 0.0 0.0	1.0 1.0 1.0	360 360 360	1.0 1.0 1.0	95.4 95.4 95.4	0.0 0.0 0.0
1073	ROY_100_100de	1.0 1.0 1.0	1.0 1.0 1.0	1.0 1.0 1.0	1.0 1.0 1.0	95.4 0.0 0.0	0.0 0.0 0.0	1.0 1.0 1.0	360 360 360	1.0 1.0 1.0	95.4 95.4 95.4	0.0 0.0 0.0
1074	G50B_100_100de	0.0 1.0 1.0	0.0 1.0 1.0	0.0 1.0 1.0	0.0 1.0 1.0	56.6 0.0 0.0	0.007 0.0 0.082	1.0 1.0 1.0	360 360 360	1.0 1.0 1.0	95.4 95.4 95.4	0.0 0.0 0.0
1075	Y06G_100_100de	1.0 0.0 0.0	1.0 0.0 0.0	1.0 0.0 0.0	1.0 0.0 0.0	56.6 0.0 0.0	0.007 0.0 0.082	1.0 1.0 1.0	360 360 360	1.0 1.0 1.0	95.4 95.4 95.4	0.0 0.0 0.0
1076	B00R_100_100de	0.0 1.0 0.0	0.0 1.0 0.0	0.0 1.0 0.0	0.0 1.0 0.0	56.6 0.0 0.0	0.007 0.0 0.082	1.0 1.0 1.0	360 360 360	1.0 1.0 1.0	95.4 95.4 95.4	0.0 0.0 0.0
1077	B00B_100_100de	0.0 0.0 1.0	0.0 0.0 1.0	0.0 0.0 1.0	0.0 0.0 1.0	56.6 0.0 0.0	0.007 0.0 0.082	1.0 1.0 1.0	360 360 360	1.0 1.0 1.0	95.4 95.4 95.4	0.0 0.0 0.0
1078	B50R_100_100de	0.0 1.0 0.0	0.0 1.0 0.0	0.0 1.0 0.0	0.0 1.0 0.0	56.6 0.0 0.0	0.007 0.0 0.082	1.0 1.0 1.0	360 360 360	1.0 1.0 1.0	95.4 95.4 95.4	0.0 0.0 0.0
1079	B50B_100_100de	0.0 0.0 1.0	0.0 0.0 1.0	0.0 0.0 1.0	0.0 0.0 1.0	56.6 0.0 0.0	0.007 0.0 0.082	1.0 1.0 1.0	360 360 360	1.0 1.0 1.0	95.4 95.4 95.4	0.0 0.0 0.0