

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

$H^*_ = Y25G_ -$

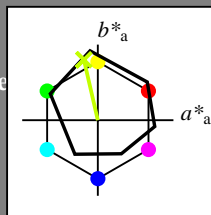
Datos del dispositivo (d) o elemental (e) color:

$HIC^*_ -$

código de tono para los colores esta página:

$H^*_ = Y25G_ -$

triángulo claridad  $T^*$



**ORS18a; datos adaptados CIELAB (a)**

name	$L^*=L^*_a a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$
R_.,Ma	47.9	65.3	50.5	82.6
Y_.,Ma	90.3	-10.2	91.7	92.3
G_.,Ma	50.9	-62.8	34.9	71.9
C_.,Ma	58.6	-30.3	-45.0	54.2
B_.,Ma	25.7	31.0	-44.4	54.2
M_.,Ma	48.1	75.2	-8.3	75.7
N_.,Ma	18.0	0.0	0.0	0.0
W_.,Ma	95.4	0.0	0.0	0.0
R_.,CIE	39.9	58.7	27.9	65.0
Y_.,CIE	81.2	-2.8	71.5	71.6
G_.,CIE	52.2	-42.4	13.6	44.5
B_.,CIE	30.5	1.4	-46.4	46.4

Los datos de color máximo (Ma):

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

$HIC^*_{-,Ma}$ : Y25G\_100\_100\_

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

0.76 1.0 0.0 1.0 1.0

triángulo claridad  $T^*$

%Gama

$u^*_{rel} = 92$

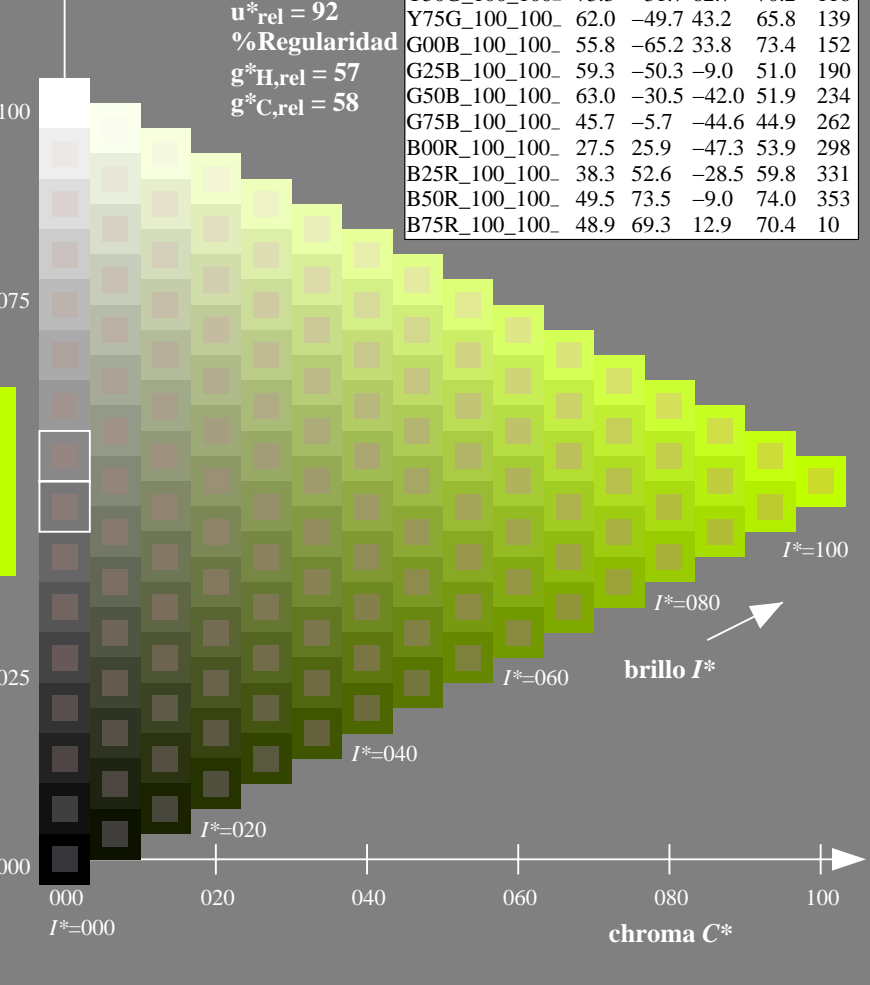
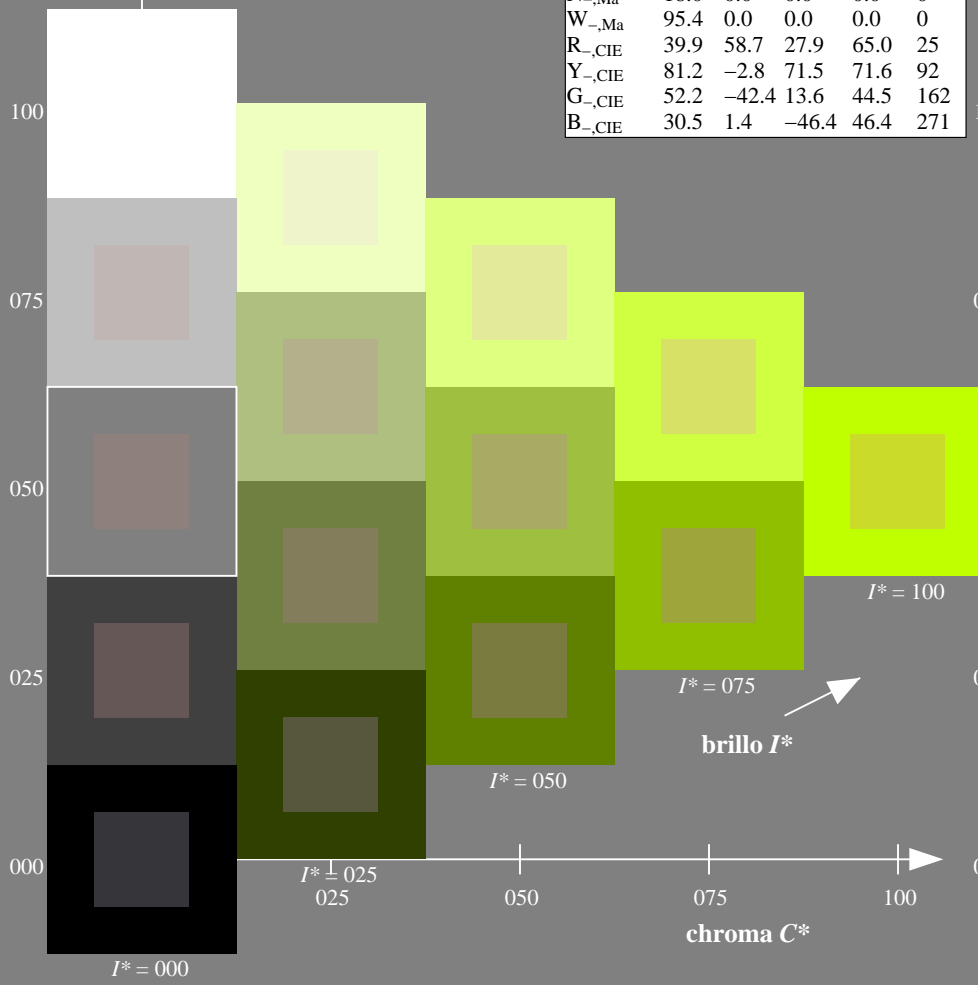
%Regularidad

$g^*_{H,rel} = 57$

$g^*_{C,rel} = 58$

**ORS20a; datos adaptados CIELAB (a)**

$H^*_ -$	$L^*=L^*_a a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$
R00Y_100_100_	48.4	66.1	40.2	77.3
R25Y_100_100_	56.8	48.0	50.5	69.6
R50Y_100_100_	68.6	25.0	63.9	68.6
R75Y_100_100_	80.6	4.8	77.2	77.3
Y00G_100_100_	90.2	-9.6	88.2	88.7
Y25G_100_100_	83.2	-18.4	79.9	81.9
Y50G_100_100_	73.3	-31.7	62.7	70.2
Y75G_100_100_	62.0	-49.7	43.2	65.8
G00B_100_100_	55.8	-65.2	33.8	73.4
G25B_100_100_	59.3	-50.3	-9.0	51.0
G50B_100_100_	63.0	-30.5	-42.0	51.9
G75B_100_100_	45.7	-5.7	-44.6	44.9
B00R_100_100_	27.5	25.9	-47.3	53.9
B25R_100_100_	38.3	52.6	-28.5	59.8
B50R_100_100_	49.5	73.5	-9.0	74.0
B75R_100_100_	48.9	69.3	12.9	70.4



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 información técnica: <http://www.ps.bam.de> o <http://130.149.60.45/~farbmetrik>

TUB matrícula: 20130201-QS45/QS45L0FP.PDF /.PS  
 aplicación para la medida salida en la impresión offset

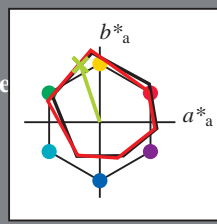
TUB material: code=rh4ta

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

$H^*_e = Y25G_e$

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

$HIC^*_e$   
código de tono para los colores  
esta página:  
 $H^*_e = Y25G_e$   
triángulo claridad  $T^*$



ORS20a; datos adaptados CIELAB (a)

name	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$
Re,Ma	47.6	64.9	30.9	71.9	25
Ye,Ma	82.9	-3.5	87.8	87.9	92
Ge,Ma	52.4	-67.1	21.5	70.5	162
Ce,Ma	56.6	-39.7	-29.9	49.8	216
Be,Ma	37.9	1.3	-45.4	45.4	271
Me,Ma	34.8	49.2	-30.0	57.7	328
Ne,Ma	17.7	0.0	0.0	0.0	0
We,Ma	95.4	0.0	0.0	0.0	0
Re,CIE	39.9	58.7	27.9	65.0	25
Ye,CIE	81.2	-2.8	71.5	71.6	92
Ge,CIE	52.2	-42.4	13.6	44.5	162
Be,CIE	30.5	1.4	-46.4	46.4	271

Los datos de color máximo (Ma):

$LabCh^*_{e, Ma}: 76 \ -25 \ 75 \ 80 \ 108$

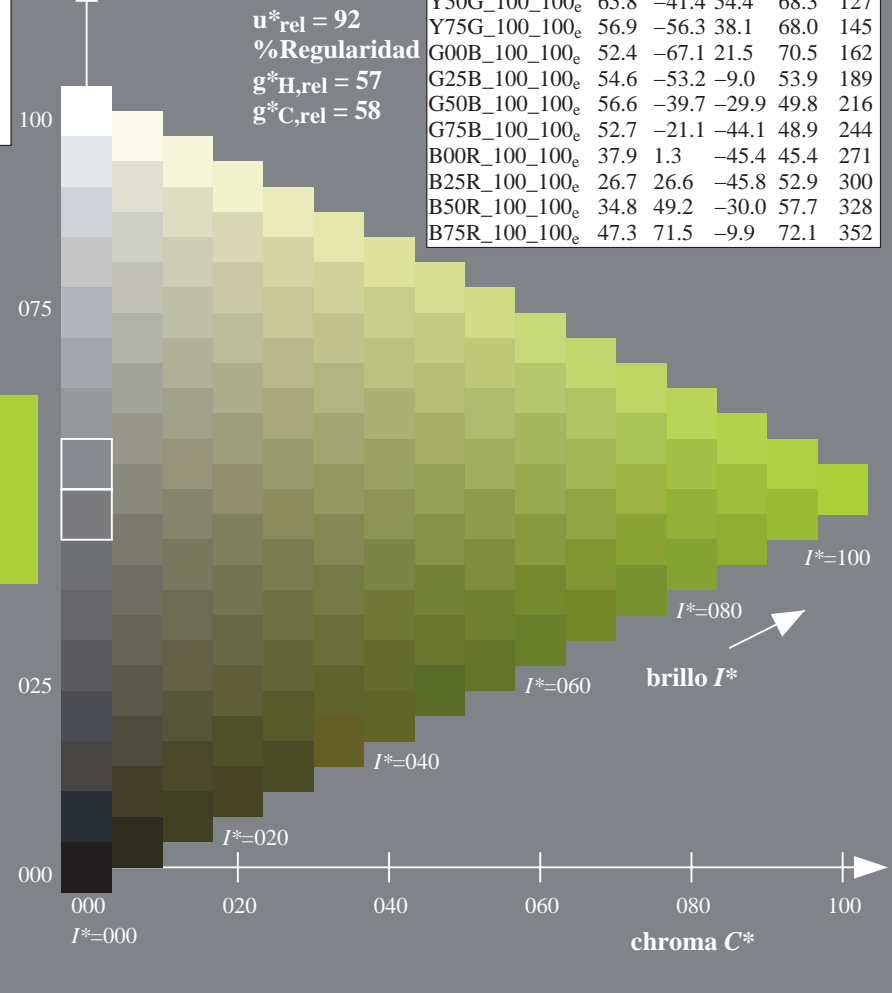
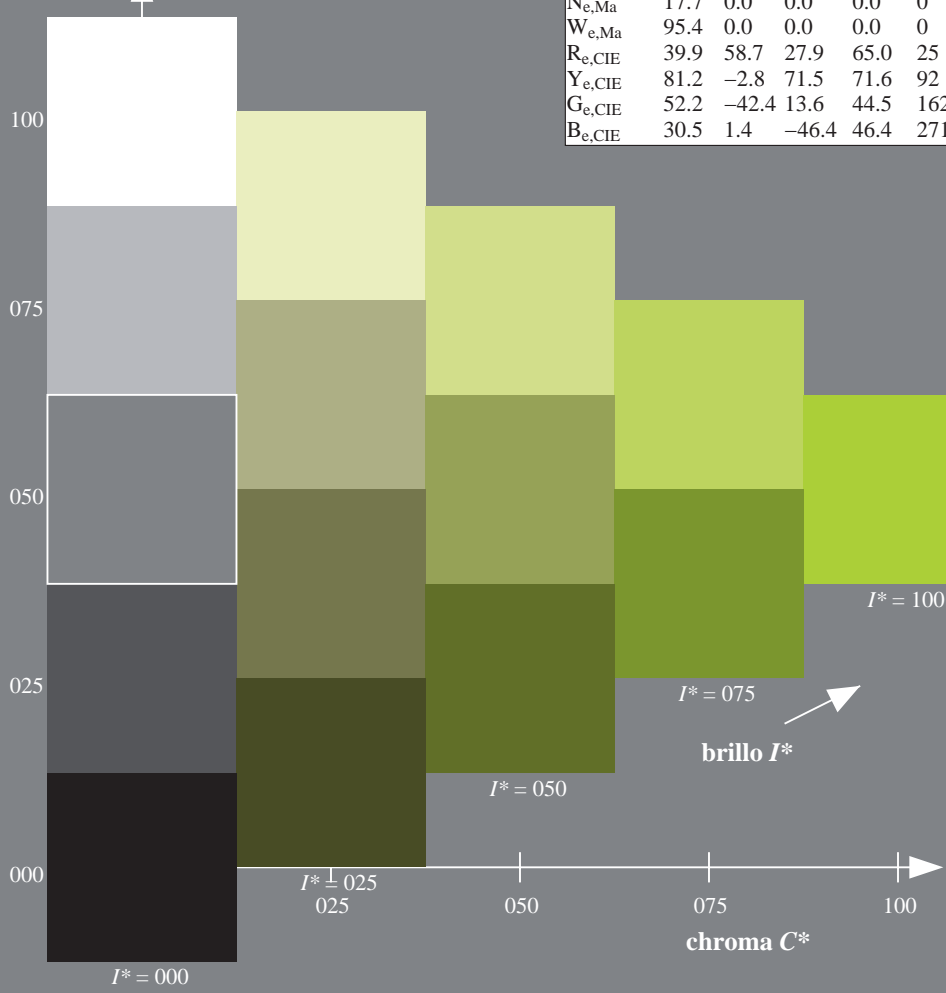
$HIC^*_{e, Ma}: Y25G\_100\_100_e$

$rgbic^*_{e, Ma}: 0.61 \ 1.0 \ 0.0 \ 1.0 \ 1.0$

triángulo claridad  $T^*$

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

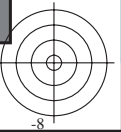


vea archivos semejantes: <http://130.149.60.45/~farbmetrik/QS45/QS45.HTM>  
información técnica: <http://www.ps.bam.de> o <http://130.149.60.45/~farbmetrik>

TUB matrícula: 20130201-QS45/QS45L0FP.PDF /.PS  
aplicación para la medida salida en la impresión offset, separación cmy6\* (CMYK)  
TUB material: code=rh4ta

gráfico TUB-QS45; código de tono:  $H^*_e=Y25G_e$   
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/QS45/QS45.HTM>  
información técnica: <http://www.ps.bam.de> o <http://130.149.60.45/~farbmetrik>

TUB matrícula: 20130201-QS45/QS45L0FP.PDF /.PS  
aplicación para la medida salida en la impresión offset, separación cmykn\* (CMYK)  
TUB material: code=rh4ta

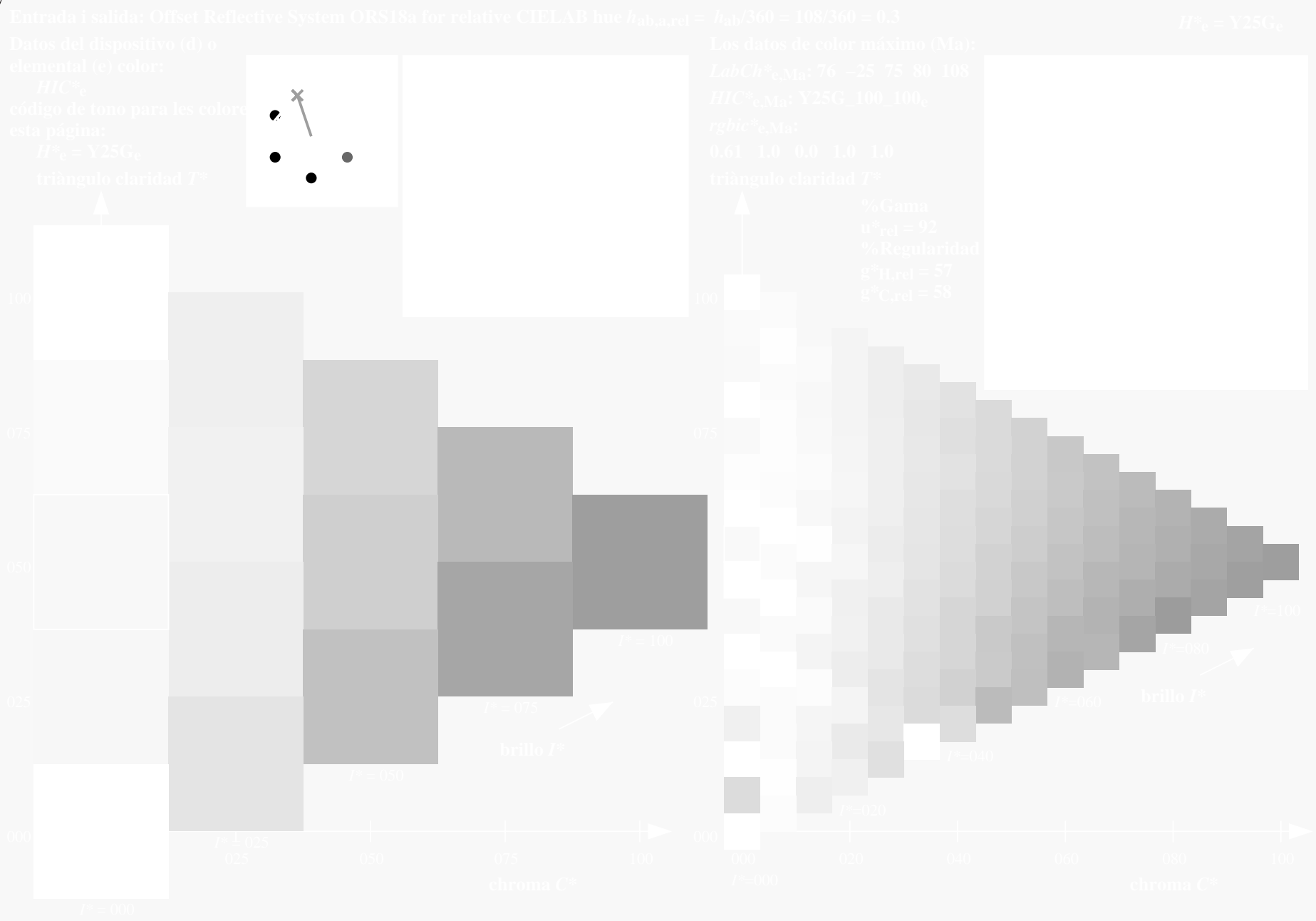


gráfico TUB-QS45; código de tono:  $H^*_e = Y25G_e$   
gráfico según a DIN 33872, 3D=1, de=1, cmyk\*

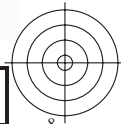
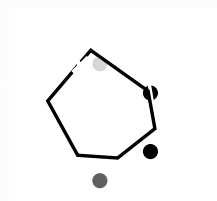
entrada:  $rgb/cmyk \rightarrow rgb_{de}$   
salida: 3D-linealización a  $cmyk^*_{de}$





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TUB matrícula: 20130201-QS45/QS45L0FP.PDF /.PS TUB material: code=rh4ta  
aplicación para la medida salida en la impresión offset, separación cmyk\* (CMYK)



2-113330-L0 QS450-73

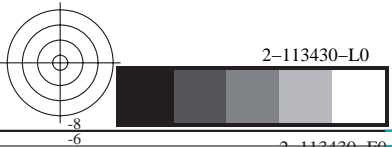
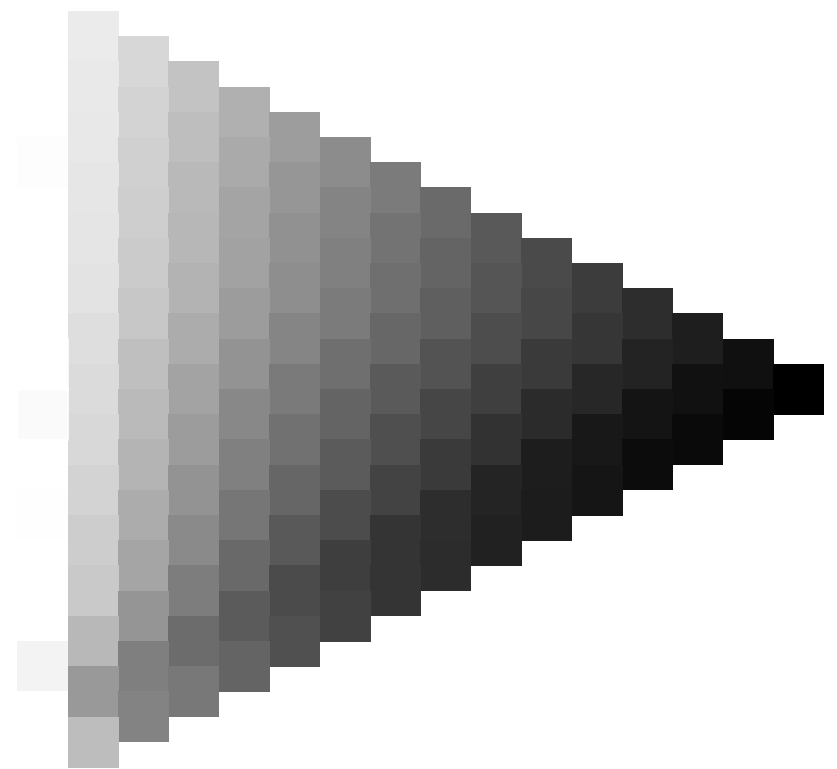
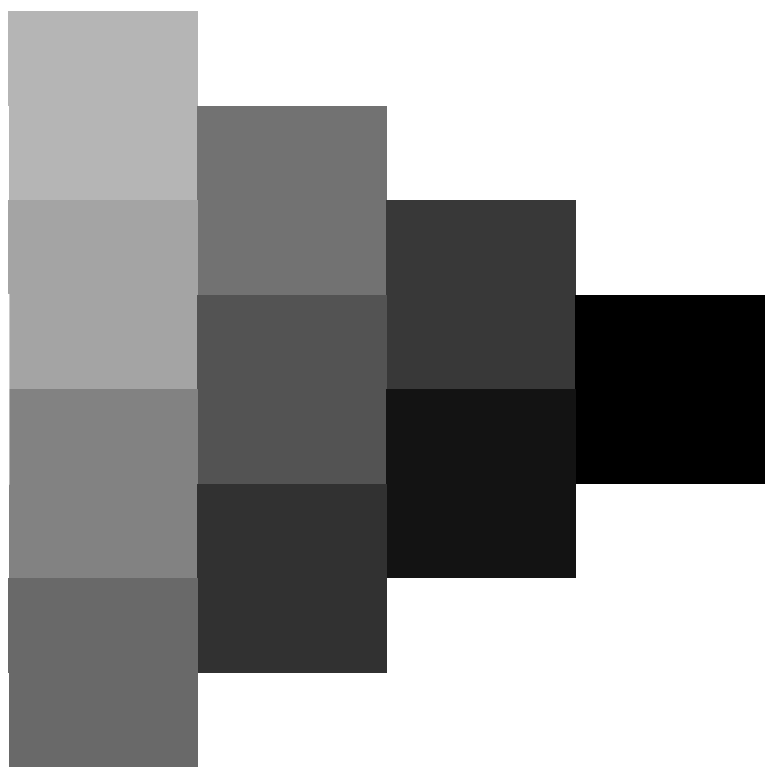
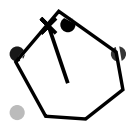
gráfico TUB-QS45; código de tono: H\*<sub>e</sub>=Y25G<sub>e</sub>  
gráfico según a DIN 33872, 3D=1, de=1, cmyk\*

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

2=113330-F0



vea archivos semejantes: <http://130.149.60.45/~farbmetrik/QS45/QS45.HTM>  
información técnica: <http://www.ps.bam.de> o <http://130.149.60.45/~farbmetrik>



2-113430-L0 QS450-73

gráfico TUB-QS45; código de tono:  $H^*_e=Y25G_e$   
gráfico según a DIN 33872, 3D=1, de=1, cmyk\*

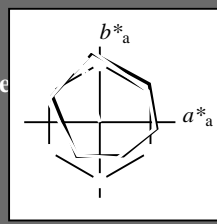
entrada: *rgb/cmyk* -> *rgb<sub>de</sub>*  
salida: 3D-linealización a *cmyk\*<sub>de</sub>*

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

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

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código de tono para los colores  
esta página:  
 $H^*_e = Y25G_e$   
triángulo claridad  $T^*$



ORS20a; datos adaptados CIELAB (a)

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Re,Ma	47.6	64.9	30.9	71.9	25
Ye,Ma	82.9	-3.5	87.8	87.9	92
Ge,Ma	52.4	-67.1	21.5	70.5	162
Ce,Ma	56.6	-39.7	-29.9	49.8	216
Be,Ma	37.9	1.3	-45.4	45.4	271
Me,Ma	34.8	49.2	-30.0	57.7	328
Ne,Ma	17.7	0.0	0.0	0.0	0
We,Ma	95.4	0.0	0.0	0.0	0
Re,CIE	39.9	58.7	27.9	65.0	25
Ye,CIE	81.2	-2.8	71.5	71.6	92
Ge,CIE	52.2	-42.4	13.6	44.5	162
Be,CIE	30.5	1.4	-46.4	46.4	271

Los datos de color máximo (Ma):

$LabCh^*_{e, Ma}: 76 \ -25 \ 75 \ 80 \ 108$

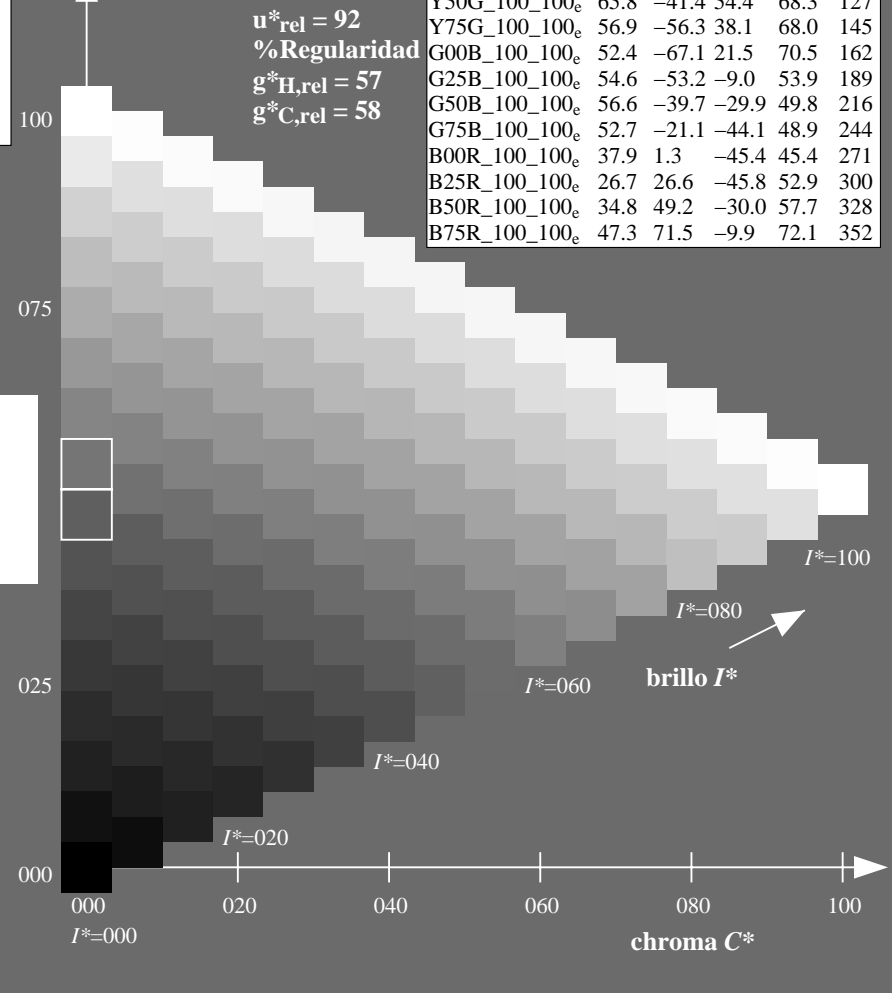
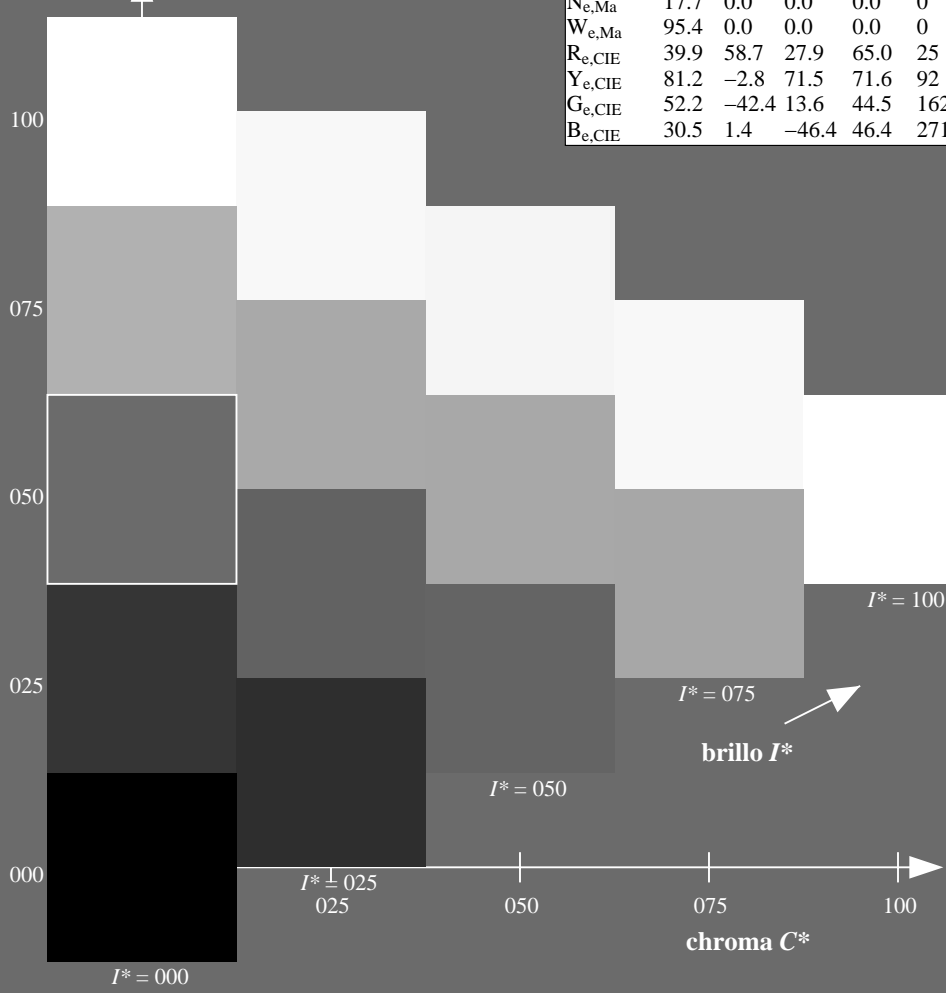
$HIC^*_{e, Ma}: Y25G\_100\_100_e$

$rgbic^*_{e, Ma}: 0.61 \ 1.0 \ 0.0 \ 1.0 \ 1.0$

triángulo claridad  $T^*$

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

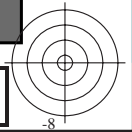
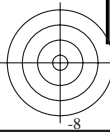


vea archivos semejantes: <http://130.149.60.45/~farbmetrik/QS45/QS45.HTM>  
información técnica: <http://www.ps.bam.de> o <http://130.149.60.45/~farbmetrik>

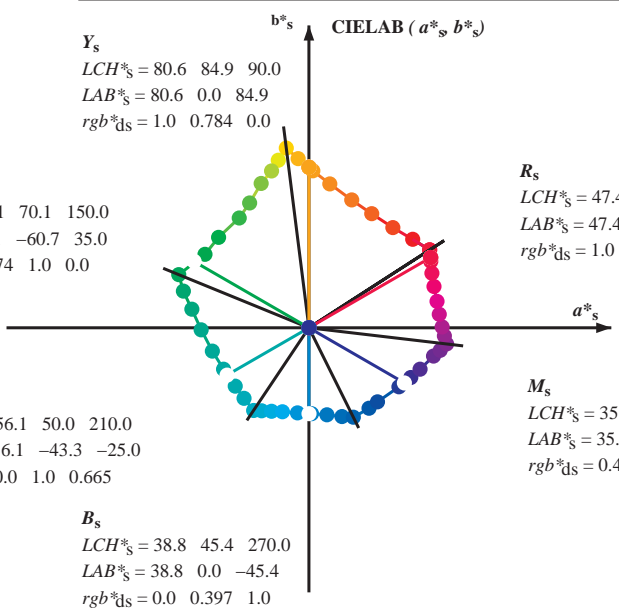
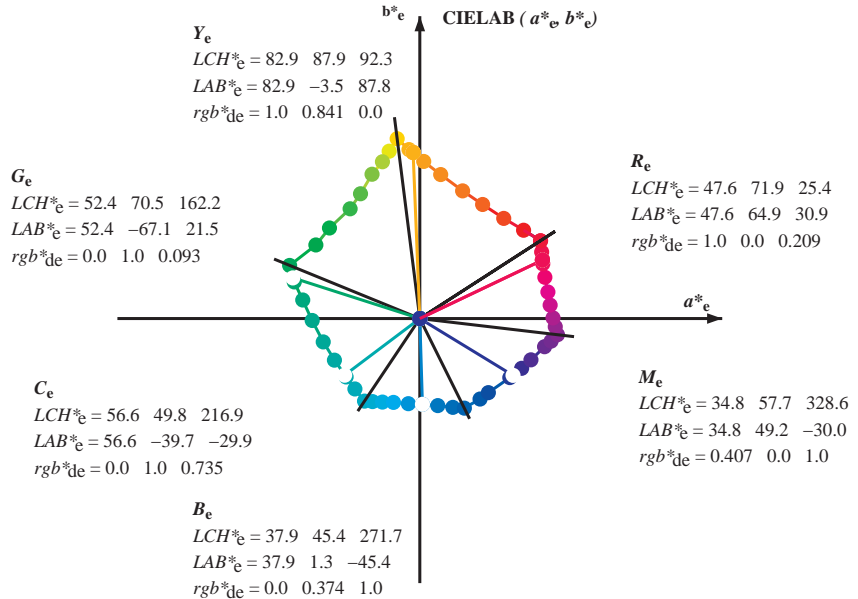
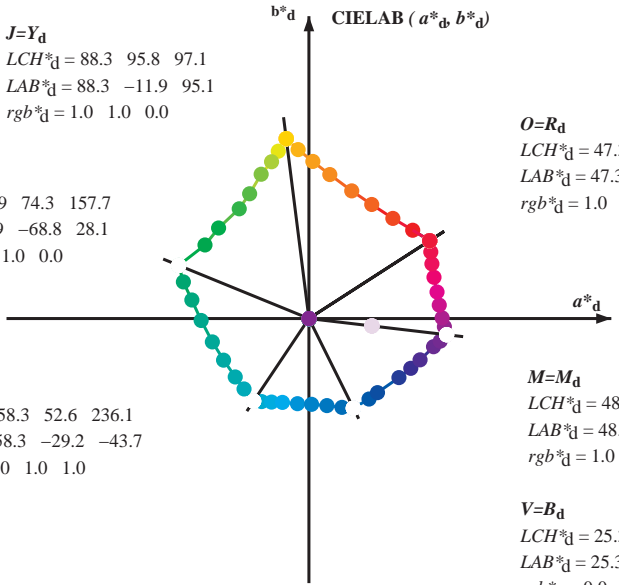
TUB matrícula: 20130201-QS45/QS45L0FP.PDF /.PS  
aplicación para la medida salida en la impresión offset, separación cmy6\* (CMYK)  
TUB material: code=rh4ta

gráfico TUB-QS45; código de tono:  $H^*_e=Y25G_e$   
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 cmy6\*, D65 for input or output; Six hue angles of the 60 degree standard colours RYGBM<sub>s</sub>: h<sub>ab,ds</sub> = 30.0, 90.0, 150.0, 210.0, 270.0, 330.0; Six hue angles of the device colours RYGBM<sub>d</sub>: h<sub>ab,d</sub> = 32.8, 97.2, 157.8, 236.2, 296.4, 353.3; Six hue angles of the elementary colours RYGBM<sub>e</sub>: h<sub>ab,e</sub> = 25.5, 92.3, 162.2, 217.0, 271.7, 328.6



( a\*<sub>d</sub> b\*<sub>d</sub> ), ( a\*<sub>s</sub> b\*<sub>s</sub> ), ( a\*<sub>e</sub> b\*<sub>e</sub> )  
 rgb\*<sub>d</sub> LCH\*<sub>d</sub> LAB\*<sub>d</sub>  

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

$$h_{ab,s} : h_{ab,s} = 30.0, 90.0, 150.0, 210.0, 270.0, 330.0, 390.0 (i=0,6) \tag{2}$$

$$h_{48ab,sij} = h_{ab,si} + j [h_{ab,si+1} - h_{ab,si}] / 8 (i = 0, 1, \dots, 5; j = 0, 1, \dots, 7) \tag{3}$$

$$h_{360ab,sij} = h_{ab,si} + j [h_{ab,si+1} - h_{ab,si}] / 60 (i = 0, 1, \dots, 5; j = 0, 1, \dots, 59) \tag{4}$$

$$h_{ab,e} : h_{ab,e} = 25.5, 92.3, 162.2, 217.0, 271.7, 328.6, 385.5 (i=0,6) \tag{5}$$

$$h_{48ab,eij} = h_{ab,ei} + j [h_{ab,ei+1} - h_{ab,ei}] / 8 (i = 0, 1, \dots, 5; j = 0, 1, \dots, 7) \tag{6}$$

$$h_{360ab,eij} = h_{ab,ei} + j [h_{ab,ei+1} - h_{ab,ei}] / 60 (i = 0, 1, \dots, 5; j = 0, 1, \dots, 59) \tag{7}$$

$$h_{ab,d}$$
  
 rgb\*<sub>d</sub>

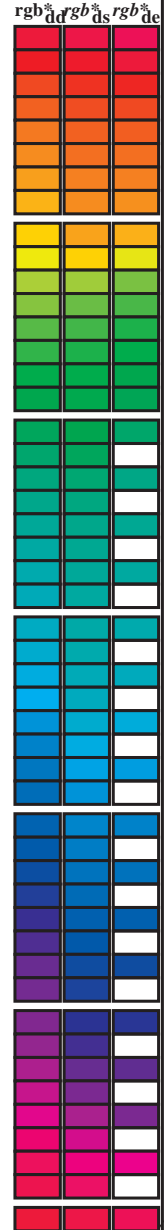
vea archivos semejantes: http://130.149.60.45/~farbmetrik/QS45/QS45.HTM  
información técnica: http://www.ps.bam.de o http://130.149.60.45/~farbmetrik

TUB matrícula: 20130201-QS45/QS45L0FP.PDF /.PS  
aplicación para la medida salida en la impresión offset, separación cmy6\* (CMYK)  
TUB material: code=rh4ta



Data of maximum color M in colorimetric system offset standard print; separation cmy6\*; D65 for input or output; Six hue angles of the 60 degree standard colours RYGBCM<sub>s</sub>; h<sub>ab,ds</sub> = 30.0, 90.0, 150.0, 210.0, 270.0, 330.0; Six hue angles of the device colours RYGBCM<sub>d</sub>; h<sub>ab,d</sub> = 32.8, 97.2, 157.8, 236.2, 296.4, 353.3; Six hue angles of the elementary colours RYGBCM<sub>e</sub>; h<sub>ab,e</sub> = 25.5, 92.3, 162.2, 217.0, 271.7, 328.6

Table with 12 columns: h<sub>ab,d</sub>, h<sub>ab,s</sub>, h<sub>ab,e</sub>, r<sub>gb</sub><sup>a</sup>, d<sub>dx64M</sub>, LAB\*<sub>ddx64M</sub> (x=LabCh), r<sub>gb</sub><sup>a</sup>, d<sub>dx361M</sub>, LAB\*<sub>ddx361M</sub> (x=LabCh), r<sub>gb</sub><sup>a</sup>, d<sub>dsx361M</sub>, LAB\*<sub>dsx361M</sub> (x=LabCh), r<sub>gb</sub><sup>a</sup>, d<sub>dex361M</sub>, LAB\*<sub>dex361M</sub> (x=LabCh). Rows contain numerical data for various color points.



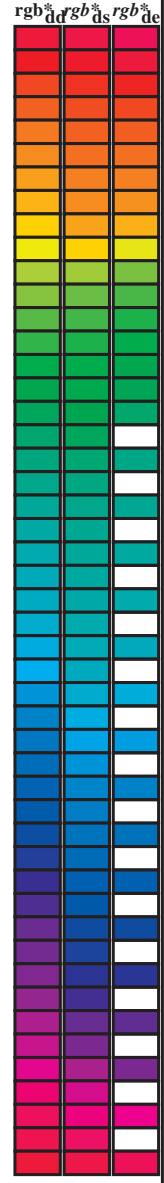
vea archivos semejantes: http://130.149.60.45/~farbmetrik/QS45/QS45.HTM  
información técnica: http://www.ps.bam.de o http://130.149.60.45/~farbmetrik

TUB matrícula: 20130201-QS45/QS45L0FP.PDF /.PS  
aplicación para la medida salida en la impresión offset, separación cmy6\* (CMYK)  
TUB material: code=rh4tra



Data of Maximum color M in colorimetric system Offset standard print; separation cmy6\*, D65 for input or output; Six hue angles of the 60 degree standard colours RYGBM<sub>c</sub>: h<sub>ab,ds</sub> = 30.0, 90.0, 150.0, 210.0, 270.0, 330.0;  
Six hue angles of the device colours RYGBM<sub>d</sub>: h<sub>ab,d</sub> = 32.8, 97.2, 157.8, 236.2, 296.4, 353.3; Six hue angles of the elementary colours RYGBM<sub>e</sub>: h<sub>ab,e</sub> = 25.5, 92.3, 162.2, 217.0, 271.7, 328.6

h <sub>ab,d</sub>	h <sub>ab,s</sub>	h <sub>ab,e</sub>	rgb* dd64M	LAB* ddx64M (x=LabCh)	rgb* dex361M	LAB* 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 0.209	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 0.007 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 0.148 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 0.25 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 0.35 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 0.442 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 0.55 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 0.655 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 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	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	0.599 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	0.455 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	0.327 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	0.244 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	0.124 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	0.047 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 0.093	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 0.209	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 0.311	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 0.387	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 0.46	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 0.524	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 0.598	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 0.662	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 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 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 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 0.974 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 0.785 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 0.659 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 0.555 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 0.472 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	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	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	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	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	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	0.070 0.126 0.0	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	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	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	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	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	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	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	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	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	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	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	1.0 0.0 0.209	47.6 64.9 30.9 71.9 385



vea archivos semejantes: <http://130.149.60.45/~farbmetrik/QS45/QS45L0FP.PDF> / .PS  
información técnica: <http://www.ps.bam.de> o <http://130.149.60.45/~farbmetrik>

TUB matrícula: 20130201-QS45/QS45L0FP.PDF /.PS  
aplicación para la medida salida en la impresión offset, separación cmy6\* (CMYK)  
TUB material: code=rh4ta

Data of Maximum color M in colorimetric system Offset standard print; separation cmykn6\*, D65 for input or output; Six hue angles of the 60 degree standard colours RYGBCM<sub>s</sub>: h<sub>ab,ds</sub> = 30.0, 90.0, 150.0, 210.0, 270.0, 330.0;  
Six hue angles of the device colours RYGBCM<sub>d</sub>: h<sub>ab,d</sub> = 32.8, 97.2, 157.8, 236.2, 296.4, 353.3; Six hue angles of the elementary colours RYGBCM<sub>e</sub>: h<sub>ab,e</sub> = 25.5, 92.3, 162.2, 217.0, 271.7, 328.6

h <sub>ab,d</sub>	h <sub>ab,s</sub>	h <sub>ab,e</sub>	rgb* dd361M	LAB* ddx361Mi (x=LabCh)	R <sub>d</sub>	rgb* ds361Mi	LAB* dsx361Mi (x=LabCh)	R <sub>s</sub>	rgb* dd361Mi	LAB* de361Mi	R <sub>e</sub>	rgb* dd361Mi	rgb* dd361Mi	rgb* ds361Mi	rgb* de361Mi
32	30	25	1.0 0.0 0.0	47.3 63.8 41.2 76.0 32	1.0	1.0 0.0 0.084 47.4 64.3 37.1 74.3 30	1.0	1.0 0.0 0.0	1.0 0.0 0.209 47.6 64.9 30.9 71.9 25	1.0	1.0 0.0 0.0	1.0 0.0 0.0			
33	31	26	1.0 0.016 0.0	47.8 62.7 42.0 75.4 33	1.0	1.0 0.0 0.054 47.4 64.2 38.6 74.9 31	1.0	1.0 0.017 0.0	1.0 0.0 0.18 47.6 64.8 32.4 72.5 26	1.0	1.0 0.017 0.0				
34	32	27	1.0 0.033 0.0	48.3 61.5 42.8 74.9 34	1.0	1.0 0.0 0.025 47.4 64.0 40.0 75.5 32	1.0	1.0 0.033 0.0	1.0 0.0 0.15 47.5 64.6 33.9 73.0 27	1.0	1.0 0.033 0.0				
35	33	28	1.0 0.05 0.0	48.9 60.3 43.6 74.4 35	1.0	1.0 0.003 0.0 47.5 63.7 41.3 75.9 33	1.0	1.0 0.05 0.0	1.0 0.0 0.119 47.5 64.4 35.5 73.6 28	1.0	1.0 0.05 0.0				
36	34	29	1.0 0.066 0.0	49.4 59.1 44.3 73.9 36	1.0	1.0 0.019 0.0 48.0 62.5 42.2 75.4 34	1.0	1.0 0.067 0.0	1.0 0.0 0.086 47.4 64.3 37.0 74.2 29	1.0	1.0 0.067 0.0				
37	35	31	1.0 0.083 0.0	49.9 57.9 45.1 73.4 37	1.0	1.0 0.036 0.0 48.5 61.4 43.0 74.9 35	1.0	1.0 0.083 0.0	1.0 0.0 0.053 47.4 64.2 38.6 74.9 31	1.0	1.0 0.083 0.0				
38	36	32	1.0 0.1 0.0	50.4 56.7 45.7 72.9 38	1.0	1.0 0.052 0.0 49.0 60.2 43.7 74.4 36	1.0	1.0 0.1 0.0	1.0 0.0 0.02 47.4 64.0 40.2 75.6 32	1.0	1.0 0.1 0.0				
39	37	33	1.0 0.116 0.0	50.9 55.5 46.4 72.3 39	1.0	1.0 0.069 0.0 49.5 59.0 44.5 73.9 37	1.0	1.0 0.117 0.0	1.0 0.007 0.0 47.6 63.4 41.6 75.8 33	1.0	1.0 0.117 0.0				
41	38	34	1.0 0.133 0.0	51.5 54.2 47.2 71.9 41	1.0	1.0 0.085 0.0 50.0 57.8 45.2 73.4 38	1.0	1.0 0.133 0.0	1.0 0.026 0.0 48.2 62.1 42.5 75.2 34	1.0	1.0 0.133 0.0				
42	39	35	1.0 0.15 0.0	52.1 52.8 48.1 71.5 42	1.0	1.0 0.101 0.0 50.5 56.6 45.9 72.9 39	1.0	1.0 0.15 0.0	1.0 0.044 0.0 48.7 60.8 43.4 74.6 35	1.0	1.0 0.15 0.0				
43	40	36	1.0 0.166 0.0	52.8 51.4 49.0 71.1 43	1.0	1.0 0.118 0.0 51.0 55.4 46.5 72.4 40	1.0	1.0 0.167 0.0	1.0 0.062 0.0 49.3 59.5 44.2 74.1 36	1.0	1.0 0.167 0.0				
44	41	37	1.0 0.183 0.0	53.4 50.1 49.9 70.7 44	1.0	1.0 0.132 0.0 51.5 54.3 47.2 72.0 41	1.0	1.0 0.183 0.0	1.0 0.081 0.0 49.8 58.1 45.0 73.5 37	1.0	1.0 0.183 0.0				
46	42	38	1.0 0.2 0.0	54.1 48.7 50.7 70.3 46	1.0	1.0 0.145 0.0 52.0 53.2 47.9 71.7 42	1.0	1.0 0.2 0.0	1.0 0.099 0.0 50.4 56.8 45.8 72.9 38	1.0	1.0 0.2 0.0				
47	43	39	1.0 0.216 0.0	54.7 47.3 51.5 69.9 47	1.0	1.0 0.158 0.0 52.5 52.2 48.7 71.3 43	1.0	1.0 0.217 0.0	1.0 0.117 0.0 51.0 55.5 46.5 72.4 39	1.0	1.0 0.217 0.0				
48	44	41	1.0 0.233 0.0	55.3 45.8 52.2 69.5 48	1.0	1.0 0.172 0.0 53.0 51.1 49.3 71.0 44	1.0	1.0 0.233 0.0	1.0 0.133 0.0 51.5 54.2 47.3 71.9 41	1.0	1.0 0.233 0.0				
50	45	42	1.0 0.25 0.0	56.0 44.4 53.0 69.1 50	1.0	1.0 0.185 0.0 53.5 50.0 50.0 70.7 45	1.0	1.0 0.25 0.0	1.0 0.148 0.0 52.1 53.0 48.1 71.6 42	1.0	1.0 0.25 0.0				
51	46	43	1.0 0.266 0.0	56.7 43.0 54.1 69.1 51	1.0	1.0 0.198 0.0 54.0 48.9 50.7 70.4 46	1.0	1.0 0.267 0.0	1.0 0.162 0.0 52.7 51.9 48.9 71.2 43	1.0	1.0 0.267 0.0				
52	47	44	1.0 0.283 0.0	57.4 41.5 55.1 69.1 52	1.0	1.0 0.211 0.0 54.5 47.8 51.3 70.1 47	1.0	1.0 0.283 0.0	1.0 0.177 0.0 53.2 50.6 49.6 70.9 44	1.0	1.0 0.283 0.0				
54	48	45	1.0 0.3 0.0	58.2 40.1 56.2 69.0 54	1.0	1.0 0.224 0.0 55.0 46.7 51.9 69.8 48	1.0	1.0 0.3 0.0	1.0 0.191 0.0 53.8 49.4 50.4 70.6 45	1.0	1.0 0.3 0.0				
55	49	46	1.0 0.316 0.0	58.9 38.6 57.1 69.0 55	1.0	1.0 0.237 0.0 55.5 45.6 52.4 69.5 49	1.0	1.0 0.317 0.0	1.0 0.206 0.0 54.3 48.2 51.1 70.2 46	1.0	1.0 0.317 0.0				
57	50	47	1.0 0.333 0.0	59.6 37.1 58.1 68.9 57	1.0	1.0 0.25 0.0 56.0 44.5 53.0 69.2 50	1.0	1.0 0.333 0.0	1.0 0.22 0.0 54.9 47.0 51.7 69.9 47	1.0	1.0 0.333 0.0				
58	51	48	1.0 0.35 0.0	60.3 35.5 59.0 68.9 58	1.0	1.0 0.261 0.0 56.5 43.5 53.7 69.2 51	1.0	1.0 0.35 0.0	1.0 0.235 0.0 55.5 45.7 52.4 69.5 48	1.0	1.0 0.35 0.0				
60	52	49	1.0 0.366 0.0	61.0 34.0 59.9 68.9 60	1.0	1.0 0.272 0.0 57.0 42.6 54.5 69.1 52	1.0	1.0 0.367 0.0	1.0 0.25 0.0 56.0 44.5 53.0 69.2 49	1.0	1.0 0.367 0.0				
61	53	51	1.0 0.383 0.0	61.8 32.5 60.8 69.0 61	1.0	1.0 0.283 0.0 57.5 41.6 55.2 69.1 53	1.0	1.0 0.383 0.0	1.0 0.262 0.0 56.6 43.4 53.8 69.1 51	1.0	1.0 0.383 0.0				
63	54	52	1.0 0.4 0.0	62.5 31.2 61.9 69.3 63	1.0	1.0 0.295 0.0 58.0 40.6 55.9 69.1 54	1.0	1.0 0.4 0.0	1.0 0.275 0.0 57.1 42.4 54.6 69.1 52	1.0	1.0 0.4 0.0				
64	55	53	1.0 0.416 0.0	63.3 29.8 62.9 69.6 64	1.0	1.0 0.306 0.0 58.5 39.6 56.6 69.1 55	1.0	1.0 0.417 0.0	1.0 0.287 0.0 57.6 41.3 55.4 69.1 53	1.0	1.0 0.417 0.0				
65	56	54	1.0 0.433 0.0	64.1 28.4 63.9 70.0 65	1.0	1.0 0.317 0.0 58.9 38.6 57.2 69.0 56	1.0	1.0 0.433 0.0	1.0 0.3 0.0 58.2 40.2 56.2 69.1 54	1.0	1.0 0.433 0.0				
67	57	55	1.0 0.45 0.0	64.9 27.0 64.9 70.3 67	1.0	1.0 0.328 0.0 59.4 37.6 57.9 69.0 57	1.0	1.0 0.45 0.0	1.0 0.312 0.0 58.7 39.0 56.9 69.0 55	1.0	1.0 0.45 0.0				
68	58	56	1.0 0.466 0.0	65.6 25.6 65.8 70.6 68	1.0	1.0 0.34 0.0 59.9 36.6 58.5 69.0 58	1.0	1.0 0.467 0.0	1.0 0.325 0.0 59.3 37.9 57.7 69.0 56	1.0	1.0 0.467 0.0				
70	59	57	1.0 0.483 0.0	66.4 24.1 66.7 70.9 70	1.0	1.0 0.351 0.0 60.4 35.5 59.1 69.0 59	1.0	1.0 0.483 0.0	1.0 0.337 0.0 59.8 36.8 58.4 69.0 57	1.0	1.0 0.483 0.0				
71	60	58	1.0 0.5 0.0	67.2 22.6 67.6 71.2 71	1.0	1.0 0.362 0.0 60.9 34.5 59.7 68.9 60	1.0	1.0 0.5 0.0	1.0 0.35 0.0 60.3 35.6 59.0 69.0 58	1.0	1.0 0.5 0.0				
72	61	60	1.0 0.516 0.0	68.0 21.2 68.8 72.0 72	1.0	1.0 0.373 0.0 61.4 33.4 60.3 68.9 61	1.0	1.0 0.517 0.0	1.0 0.362 0.0 60.9 34.5 59.7 68.9 60	1.0	1.0 0.517 0.0				
74	62	61	1.0 0.533 0.0	68.9 19.7 70.0 72.8 74	1.0	1.0 0.385 0.0 61.9 32.4 61.0 69.1 62	1.0	1.0 0.533 0.0	1.0 0.375 0.0 61.4 33.3 60.3 68.9 61	1.0	1.0 0.533 0.0				
75	63	62	1.0 0.55 0.0	69.7 18.2 71.2 73.5 75	1.0	1.0 0.397 0.0 62.5 31.5 61.8 69.3 63	1.0	1.0 0.55 0.0	1.0 0.388 0.0 62.0 32.2 61.2 69.1 62	1.0	1.0 0.55 0.0				
76	64	63	1.0 0.566 0.0	70.6 16.7 72.4 74.3 76	1.0	1.0 0.409 0.0 63.0 30.5 62.5 69.6 64	1.0	1.0 0.567 0.0	1.0 0.402 0.0 62.7 31.1 62.0 69.4 63	1.0	1.0 0.567 0.0				
78	65	64	1.0 0.583 0.0	71.5 15.1 73.5 75.0 78	1.0	1.0 0.421 0.0 63.6 29.5 63.2 69.8 65	1.0	1.0 0.583 0.0	1.0 0.415 0.0 63.3 30.0 62.9 69.7 64	1.0	1.0 0.583 0.0				
79	66	65	1.0 0.6 0.0	72.3 13.5 74.6 75.8 79	1.0	1.0 0.434 0.0 64.2 28.5 64.0 70.0 66	1.0	1.0 0.6 0.0	1.0 0.428 0.0 63.9 28.9 63.7 69.9 65	1.0	1.0 0.6 0.0				
81	67	66	1.0 0.616 0.0	73.2 11.8 75.6 76.6 81	1.0	1.0 0.446 0.0 64.7 27.4 64.7 70.3 67	1.0	1.0 0.617 0.0	1.0 0.442 0.0 64.5 27.8 64.5 70.2 66	1.0	1.0 0.617 0.0				
82	68	67	1.0 0.633 0.0	74.0 10.4 76.6 77.3 82	1.0	1.0 0.458 0.0 65.3 26.4 65.4 70.5 68	1.0	1.0 0.633 0.0	1.0 0.455 0.0 65.2 26.6 65.2 70.4 67	1.0	1.0 0.633 0.0				
83	69	68	1.0 0.65 0.0	74.7 9.3 77.6 78.2 83	1.0	1.0 0.47 0.0 65.8 25.3 66.0 70.7 69	1.0	1.0 0.65 0.0	1.0 0.469 0.0 65.8 25.4 66.0 70.7 68	1.0	1.0 0.65 0.0				
84	70	70	1.0 0.666 0.0	75.5 8.2 78.6 79.0 84	1.0	1.0 0.482 0.0 66.4 24.3 66.7 70.9 70	1.0	1.0 0.667 0.0	1.0 0.482 0.0 66.4 24.2 66.7 71.0 70	1.0	1.0 0.667 0.0				
84	71	71	1.0 0.683 0.0	76.2 7.0 79.5 79.8 84	1.0	1.0 0.494 0.0 66.9 23.2 67.3 71.2 71	1.0	1.0 0.683 0.0	1.0 0.496 0.0 67.0 23.0 67.4 71.2 71	1.0	1.0 0.683 0.0				
85	72	72	1.0 0.7 0.0	77.0 5.8 80.4 80.6 85	1.0	1.0 0.506 0.0 67.5 22.1 68.1 71.6 72	1.0	1.0 0.7 0.0	1.0 0.509 0.0 67.7 21.9 68.3 71.7 72	1.0	1.0 0.7 0.0				
86	73	73	1.0 0.716 0.0	77.7 4.5 81.3 81.4 86	1.0	1.0 0.518 0.0 68.2 21.1 69.0 72.1 73	1.0	1.0 0.717 0.0	1.0 0.523 0.0 68.4 20.7 69.3 72.3 73	1.0	1.0 0.717 0.0				
87	74	74	1.0 0.733 0.0	78.5 3.3 82.2 82.3 87	1.0	1.0 0.531 0.0 68.8 20.0 69.9 72.7 74	1.0	1.0 0.733 0.0	1.0 0.537 0.0 69.1 19.5 70.3 73.0 74	1.0	1.0 0.733 0.0				
88	75	75	1.0 0.75 0.0	79.2 2.0 83.0 83.1 88	1.0	1.0 0.543 0.0 69.4 19.0 70.7 73.2 75	1.0	1.0 0.75 0.0	1.0 0.55 0.0 69.8 18.3 71.3 73.6 75	1.0	1.0 0.75 0.0				

vea archivos semejantes: <http://130.149.60.45/~farbmetrik/QS45/QS45.HTM>  
información técnica: <http://www.ps.bam.de> o <http://130.149.60.45/~farbmetrik>

TUB matrícula: 20130201-QS45/QS45L0FP.PDF /.PS  
aplicación para la medida salida en la impresión offset, separación cmykn6\* (CMYK)  
TUB material: code=rh4tra

Data of Maximum color M in colorimetric system Offset standard print; separation cmy6\*, D65 for input or output; Six hue angles of the 60 degree standard colours RYGBCM<sub>s</sub>: h<sub>ab,ds</sub> = 30.0, 90.0, 150.0, 210.0, 270.0, 330.0;  
Six hue angles of the device colours RYGBCM<sub>d</sub>: h<sub>ab,d</sub> = 32.8, 97.2, 157.8, 236.2, 296.4, 353.3; Six hue angles of the elementary colours RYGBCM<sub>e</sub>: h<sub>ab,e</sub> = 25.5, 92.3, 162.2, 217.0, 271.7, 328.6

h <sub>ab,d</sub>	h <sub>ab,s</sub>	h <sub>ab,e</sub>	rgb* dd361M	LAB* ddx361Mi (x=LabCh)	rgb* ds361Mi	LAB* dsx361Mi (x=LabCh)	rgb* dd361Mi	LAB* de361Mi	rgb* dex361Mi (x=LabCh)	rgb* dd361Mi	LAB* dd361Mi	rgb* de361Mi	LAB* dex361Mi (x=LabCh)	rgb* dd361Mi	rgb* dd361Mi	rgb* ds361Mi	rgb* de361Mi
88	75	75	1.0 0.75 0.0	79.2 2.0 83.0 83.1 88	1.0 0.543 0.0	69.4 19.0 70.7 73.2 75	1.0 0.75 0.0	1.0 0.555 0.0	69.8 18.3 71.3 73.6 75	1.0 0.75 0.0	1.0 0.555 0.0	69.8 18.3 71.3 73.6 75	1.0 0.75 0.0	1.0 0.75 0.0			
89	76	76	1.0 0.766 0.0	79.9 1.0 83.9 83.9 89	1.0 0.555 0.0	70.0 17.9 71.6 73.8 76	1.0 0.767 0.0	1.0 0.564 0.0	70.5 17.0 72.2 74.2 76	1.0 0.767 0.0	1.0 0.564 0.0	70.5 17.0 72.2 74.2 76	1.0 0.767 0.0	1.0 0.767 0.0			
89	77	77	1.0 0.783 0.0	80.6 0.0 84.8 84.8 89	1.0 0.567 0.0	70.7 16.7 72.4 74.3 77	1.0 0.783 0.0	1.0 0.577 0.0	71.2 15.8 73.1 74.8 77	1.0 0.783 0.0	1.0 0.577 0.0	71.2 15.8 73.1 74.8 77	1.0 0.783 0.0	1.0 0.783 0.0			
90	78	78	1.0 0.8 0.0	81.2 -0.9 85.7 85.7 90	1.0 0.579 0.0	71.3 15.6 73.3 74.9 78	1.0 0.8 0.0	1.0 0.591 0.0	71.9 14.5 74.0 75.4 78	1.0 0.8 0.0	1.0 0.591 0.0	71.9 14.5 74.0 75.4 78	1.0 0.8 0.0	1.0 0.8 0.0			
91	79	80	1.0 0.816 0.0	81.9 -1.9 86.5 86.5 91	1.0 0.591 0.0	71.9 14.4 74.1 75.5 79	1.0 0.817 0.0	1.0 0.604 0.0	72.6 13.1 74.9 76.0 80	1.0 0.817 0.0	1.0 0.604 0.0	72.6 13.1 74.9 76.0 80	1.0 0.817 0.0	1.0 0.817 0.0			
91	80	81	1.0 0.833 0.0	82.6 -3.0 87.4 87.4 91	1.0 0.604 0.0	72.5 13.2 74.9 76.0 80	1.0 0.833 0.0	1.0 0.618 0.0	73.3 11.8 75.8 76.7 81	1.0 0.833 0.0	1.0 0.618 0.0	73.3 11.8 75.8 76.7 81	1.0 0.833 0.0	1.0 0.833 0.0			
92	81	82	1.0 0.85 0.0	83.2 -4.0 88.2 88.3 92	1.0 0.616 0.0	73.2 12.0 75.6 76.6 81	1.0 0.85 0.0	1.0 0.635 0.0	74.1 10.4 76.8 77.5 82	1.0 0.85 0.0	1.0 0.635 0.0	74.1 10.4 76.8 77.5 82	1.0 0.85 0.0	1.0 0.85 0.0			
93	82	83	1.0 0.866 0.0	83.9 -5.1 89.0 89.2 93	1.0 0.629 0.0	73.8 10.7 76.5 77.2 82	1.0 0.867 0.0	1.0 0.655 0.0	75.0 9.0 77.9 78.5 83	1.0 0.867 0.0	1.0 0.655 0.0	75.0 9.0 77.9 78.5 83	1.0 0.867 0.0	1.0 0.867 0.0			
93	83	84	1.0 0.883 0.0	84.5 -6.1 89.8 90.0 93	1.0 0.648 0.0	74.7 9.5 77.5 78.1 83	1.0 0.883 0.0	1.0 0.675 0.0	75.9 7.6 79.1 79.5 84	1.0 0.883 0.0	1.0 0.675 0.0	75.9 7.6 79.1 79.5 84	1.0 0.883 0.0	1.0 0.883 0.0			
94	84	85	1.0 0.9 0.0	85.1 -6.9 90.6 90.8 94	1.0 0.666 0.0	75.5 8.3 78.6 79.0 84	1.0 0.9 0.0	1.0 0.696 0.0	76.8 6.1 80.2 80.5 85	1.0 0.9 0.0	1.0 0.696 0.0	76.8 6.1 80.2 80.5 85	1.0 0.9 0.0	1.0 0.9 0.0			
94	85	86	1.0 0.916 0.0	85.6 -7.7 91.3 91.7 94	1.0 0.684 0.0	76.3 7.0 79.6 79.9 85	1.0 0.917 0.0	1.0 0.716 0.0	77.8 4.6 81.3 81.5 86	1.0 0.917 0.0	1.0 0.716 0.0	77.8 4.6 81.3 81.5 86	1.0 0.917 0.0	1.0 0.917 0.0			
95	86	87	1.0 0.933 0.0	86.1 -8.5 92.1 92.5 95	1.0 0.703 0.0	77.1 5.6 80.6 80.8 86	1.0 0.933 0.0	1.0 0.736 0.0	78.7 3.1 82.4 82.5 87	1.0 0.933 0.0	1.0 0.736 0.0	78.7 3.1 82.4 82.5 87	1.0 0.933 0.0	1.0 0.933 0.0			
95	87	88	1.0 0.95 0.0	86.7 -9.3 92.9 93.3 95	1.0 0.721 0.0	78.0 4.3 81.6 81.7 87	1.0 0.95 0.0	1.0 0.759 0.0	79.7 1.5 83.6 83.6 88	1.0 0.95 0.0	1.0 0.759 0.0	79.7 1.5 83.6 83.6 88	1.0 0.95 0.0	1.0 0.95 0.0			
96	88	90	1.0 0.966 0.0	87.2 -10.2 93.6 94.2 96	1.0 0.739 0.0	78.8 2.9 82.5 82.6 88	1.0 0.967 0.0	1.0 0.787 0.0	80.8 0.0 85.0 85.0 90	1.0 0.967 0.0	1.0 0.787 0.0	80.8 0.0 85.0 85.0 90	1.0 0.967 0.0	1.0 0.967 0.0			
96	89	91	1.0 0.983 0.0	87.8 -11.1 94.3 95.0 96	1.0 0.76 0.0	79.7 1.5 83.6 83.6 89	1.0 0.983 0.0	1.0 0.814 0.0	81.9 -1.7 86.5 86.5 91	1.0 0.983 0.0	1.0 0.814 0.0	81.9 -1.7 86.5 86.5 91	1.0 0.983 0.0	1.0 0.983 0.0			
97	90	92	1.0 1.0 0.0	88.3 -11.9 95.1 95.8 97	1.0 0.785 0.0	80.7 0.0 84.9 84.9 90	1.0 1.0 0.0	1.0 0.842 0.0	83.0 -3.4 87.8 87.9 92	1.0 1.0 0.0	1.0 0.842 0.0	83.0 -3.4 87.8 87.9 92	1.0 1.0 0.0	1.0 1.0 0.0			
97	91	93	0.983 1.0 0.0	88.0 -12.5 94.2 95.1 97	1.0 0.809 0.0	81.7 -1.4 86.2 86.2 91	0.983 1.0 0.0	1.0 0.871 0.0	84.1 -5.3 89.2 89.4 93	0.983 1.0 0.0	1.0 0.871 0.0	84.1 -5.3 89.2 89.4 93	0.983 1.0 0.0	0.983 1.0 0.0			
98	92	94	0.966 1.0 0.0	87.7 -13.1 93.4 94.3 98	1.0 0.834 0.0	82.7 -3.0 87.5 87.5 92	0.967 1.0 0.0	1.0 0.91 0.0	85.4 -7.3 91.1 91.4 94	0.967 1.0 0.0	1.0 0.91 0.0	85.4 -7.3 91.1 91.4 94	0.967 1.0 0.0	0.967 1.0 0.0			
98	93	95	0.95 1.0 0.0	87.3 -13.7 92.5 93.5 98	1.0 0.859 0.0	83.6 -4.5 88.7 88.8 93	0.95 1.0 0.0	1.0 0.951 0.0	86.8 -9.4 93.0 93.4 95	0.95 1.0 0.0	1.0 0.951 0.0	86.8 -9.4 93.0 93.4 95	0.95 1.0 0.0	0.95 1.0 0.0			
98	94	96	0.933 1.0 0.0	87.0 -14.3 91.6 92.7 98	1.0 0.887 0.0	84.7 -6.2 90.0 90.3 94	0.933 1.0 0.0	1.0 0.993 0.0	88.1 -11.5 94.8 95.5 96	0.933 1.0 0.0	1.0 0.993 0.0	88.1 -11.5 94.8 95.5 96	0.933 1.0 0.0	0.933 1.0 0.0			
99	95	98	0.916 1.0 0.0	86.6 -14.8 90.8 92.0 99	1.0 0.923 0.0	85.8 -7.9 91.7 92.0 95	0.917 1.0 0.0	0.963 1.0 0.0	87.6 -13.2 93.2 94.1 98	0.917 1.0 0.0	0.963 1.0 0.0	87.6 -13.2 93.2 94.1 98	0.917 1.0 0.0	0.917 1.0 0.0			
99	96	99	0.9 1.0 0.0	86.3 -15.4 89.9 91.2 99	1.0 0.958 0.0	87.0 -9.7 93.3 93.8 96	0.9 1.0 0.0	0.917 1.0 0.0	86.7 -14.8 90.8 92.0 99	0.9 1.0 0.0	0.917 1.0 0.0	86.7 -14.8 90.8 92.0 99	0.9 1.0 0.0	0.9 1.0 0.0			
100	97	100	0.883 1.0 0.0	86.0 -15.9 89.0 90.4 100	1.0 0.994 0.0	88.2 -11.5 94.8 95.6 97	0.883 1.0 0.0	0.871 1.0 0.0	85.8 -16.2 88.4 89.9 100	0.883 1.0 0.0	0.871 1.0 0.0	85.8 -16.2 88.4 89.9 100	0.883 1.0 0.0	0.883 1.0 0.0			
100	98	101	0.866 1.0 0.0	85.6 -16.4 88.2 89.7 100	0.968 1.0 0.0	87.7 -13.0 93.5 94.4 98	0.867 1.0 0.0	0.823 1.0 0.0	84.7 -17.7 86.3 88.1 101	0.867 1.0 0.0	0.823 1.0 0.0	84.7 -17.7 86.3 88.1 101	0.867 1.0 0.0	0.867 1.0 0.0			
100	99	102	0.85 1.0 0.0	85.2 -16.9 87.4 89.1 100	0.929 1.0 0.0	86.9 -14.4 91.4 92.6 99	0.85 1.0 0.0	0.774 1.0 0.0	83.5 -19.0 84.1 86.2 102	0.85 1.0 0.0	0.774 1.0 0.0	83.5 -19.0 84.1 86.2 102	0.85 1.0 0.0	0.85 1.0 0.0			
101	100	103	0.833 1.0 0.0	84.8 -17.4 86.7 88.4 101	0.89 1.0 0.0	86.2 -15.7 89.4 90.8 100	0.833 1.0 0.0	0.735 1.0 0.0	82.3 -20.3 82.2 84.7 103	0.833 1.0 0.0	0.735 1.0 0.0	82.3 -20.3 82.2 84.7 103	0.833 1.0 0.0	0.833 1.0 0.0			
101	101	105	0.816 1.0 0.0	84.5 -17.9 86.0 87.8 101	0.849 1.0 0.0	85.3 -16.9 87.5 89.1 101	0.817 1.0 0.0	0.706 1.0 0.0	80.9 -21.7 80.7 83.6 105	0.817 1.0 0.0	0.706 1.0 0.0	80.9 -21.7 80.7 83.6 105	0.817 1.0 0.0	0.817 1.0 0.0			
102	102	106	0.8 1.0 0.0	84.1 -18.3 85.2 87.2 102	0.807 1.0 0.0	84.3 -18.1 85.6 87.5 102	0.8 1.0 0.0	0.676 1.0 0.0	79.5 -23.0 79.1 82.4 106	0.8 1.0 0.0	0.676 1.0 0.0	79.5 -23.0 79.1 82.4 106	0.8 1.0 0.0	0.8 1.0 0.0			
102	103	107	0.783 1.0 0.0	83.7 -18.8 84.5 86.5 102	0.765 1.0 0.0	83.3 -19.2 83.7 85.9 103	0.783 1.0 0.0	0.647 1.0 0.0	78.1 -24.3 77.5 81.3 107	0.783 1.0 0.0	0.647 1.0 0.0	78.1 -24.3 77.5 81.3 107	0.783 1.0 0.0	0.783 1.0 0.0			
102	104	108	0.766 1.0 0.0	83.3 -19.2 83.7 85.9 102	0.734 1.0 0.0	82.2 -20.4 82.2 84.7 104	0.767 1.0 0.0	0.62 1.0 0.0	76.9 -25.5 75.9 80.1 108	0.767 1.0 0.0	0.62 1.0 0.0	76.9 -25.5 75.9 80.1 108	0.767 1.0 0.0	0.767 1.0 0.0			
103	105	109	0.75 1.0 0.0	82.9 -19.7 83.0 85.3 103	0.709 1.0 0.0	81.0 -21.6 80.9 83.7 105	0.75 1.0 0.0	0.599 1.0 0.0	76.2 -26.6 74.3 78.9 109	0.75 1.0 0.0	0.599 1.0 0.0	76.2 -26.6 74.3 78.9 109	0.75 1.0 0.0	0.75 1.0 0.0			
104	106	110	0.733 1.0 0.0	82.2 -20.5 82.1 84.6 104	0.684 1.0 0.0	79.9 -22.7 79.5 82.7 106	0.733 1.0 0.0	0.578 1.0 0.0	75.5 -27.7 72.6 77.7 110	0.733 1.0 0.0	0.578 1.0 0.0	75.5 -27.7 72.6 77.7 110	0.733 1.0 0.0	0.733 1.0 0.0			
104	107	112	0.716 1.0 0.0	81.4 -21.3 81.2 84.0 104	0.658 1.0 0.0	78.7 -23.8 78.2 81.7 107	0.717 1.0 0.0	0.558 1.0 0.0	74.8 -28.7 70.9 76.5 112	0.717 1.0 0.0	0.558 1.0 0.0	74.8 -28.7 70.9 76.5 112	0.717 1.0 0.0	0.717 1.0 0.0			
105	108	113	0.7 1.0 0.0	80.6 -22.0 80.3 83.3 105	0.633 1.0 0.0	77.5 -24.9 76.8 80.8 108	0.7 1.0 0.0	0.537 1.0 0.0	74.1 -29.7 69.2 75.3 113	0.7 1.0 0.0	0.537 1.0 0.0	74.1 -29.7 69.2 75.3 113	0.7 1.0 0.0	0.7 1.0 0.0			
106	109	114	0.683 1.0 0.0	79.8 -22.8 79.5 82.7 106	0.613 1.0 0.0	76.7 -25.9 75.4 79.7 109	0.683 1.0 0.0	0.517 1.0 0.0	73.4 -30.6 67.5 74.1 114	0.683 1.0 0.0	0.517 1.0 0.0	73.4 -30.6 67.5 74.1 114	0.683 1.0 0.0	0.683 1.0 0.0			
106	110	115	0.666 1.0 0.0	79.0 -23.5 78.6 82.0 106	0.595 1.0 0.0	76.1 -26.8 74.0 78.7 110	0.667 1.0 0.0	0.496 1.0 0.0	72.7 -31.5 65.8 73.0 115	0.667 1.0 0.0	0.496 1.0 0.0	72.7 -31.5 65.8 73.0 115	0.667 1.0 0.0	0.667 1.0 0.0			
107	111	116	0.65 1.0 0.0	78.2 -24.2 77.7 81.4 107	0.578 1.0 0.0	75.5 -27.7 72.5 77.7 111	0.65 1.0 0.0	0.475 1.0 0.0	72.0 -32.5 64.5 72.3 116	0.65 1.0 0.0	0.475 1.0 0.0	72.0 -32.5 64.5 72.3 116	0.65 1.0 0.0	0.65 1.0 0.0			
107	112	117	0.633 1.0 0.0	77.4 -24.9 76.8 80.7 107	0.56 1.0 0.0	74.9 -28.6 71.1 76.6 112	0.633 1.0 0.0	0.455 1.0 0.0	71.4 -33.4 63.2 71.6 117	0.633 1.0 0.0	0.455 1.0 0.0	71.4 -33.4 63.2 71.6 117	0.633 1.0 0.0	0.633 1.0 0.0			
108	113	119	0.616 1.0 0.0	76.8 -25.7 75.6 79.9 108	0.542 1.0 0.0	74.2 -29.4 69.6 75.6 113	0.617 1.0 0.0	0.434 1.0 0.0	70.7 -34.4 61.9 70.9 119	0.617 1.0 0.0	0.434 1.0 0.0	70.7 -34.4 61.9 70.9 119	0.617 1.0 0.0	0.617 1.0 0.0			
109	114	120	0.6 1.0 0.0	76.2 -26.6 74.3 78.9 109	0.525 1.0 0.0	73.6 -30.2 68.1 74.6 114	0.6 1.0 0.0	0.413 1.0 0.0	70.1 -35.3 60.6 70.2 120	0.6 1.0 0.0	0.413 1.0 0.0	70.1 -35.3 60.6 70.2 120	0.6 1.0 0.0	0.6 1.0 0.0			
110	115	121	0.583 1.0 0.0	75.6 -27.5 72.9 78.0 110	0.507 1.0 0.0	73.0 -31.0 66.7 73.5 115	0.583 1.0 0.0	0.393 1.0 0.0	69.5 -36.1 59.2 69.4 121	0.583 1.0 0.0	0.393 1.0 0.0						

Data of Maximum color M in colorimetric system Offset standard print; separation cmy6\*; D65 for input or output; Six hue angles of the 60 degree standard colours RYGBM; h<sub>ab,ds</sub> = 30.0, 90.0, 150.0, 210.0, 270.0, 330.0;  
Six hue angles of the device colours RYGBM<sub>d</sub>: h<sub>ab,d</sub> = 32.8, 97.2, 157.8, 236.2, 296.4, 353.3; Six hue angles of the elementary colours RYGBM<sub>e</sub>: h<sub>ab,e</sub> = 25.5, 92.3, 162.2, 217.0, 271.7, 328.6

h <sub>ab,d</sub>	h <sub>ab,s</sub>	h <sub>ab,e</sub>	rgb* dd361M	LAB* ddx361Mi (x=LabCh)	rgb* ds361Mi	LAB* dsx361Mi (x=LabCh)	rgb* dd361Mi	LAB* dex361Mi (x=LabCh)	rgb* dd361Mi	LAB* dex361Mi (x=LabCh)	rgb* dd361Mi	rgb* dd	rgb* ds	rgb* de																		
115	120	127	0.5	1.0	0.0	72.7	-31.3	66.0	73.1	115	0.418	1.0	0.0	70.3	-35.1	60.9	70.3	120	0.5	1.0	0.0	0.327	1.0	0.0	65.8	-41.3	54.4	68.4	127	0.5	1.0	0.0
116	121	128	0.483	1.0	0.0	72.2	-32.1	65.0	72.5	116	0.4	1.0	0.0	69.7	-35.8	59.8	69.7	121	0.483	1.0	0.0	0.315	1.0	0.0	65.1	-42.3	53.5	68.3	128	0.483	1.0	0.0
117	122	129	0.466	1.0	0.0	71.7	-32.9	63.9	71.9	117	0.383	1.0	0.0	69.2	-36.5	58.6	69.1	122	0.467	1.0	0.0	0.303	1.0	0.0	64.3	-43.3	52.5	68.2	129	0.467	1.0	0.0
118	123	130	0.45	1.0	0.0	71.2	-33.7	62.9	71.4	118	0.369	1.0	0.0	68.5	-37.4	57.7	68.8	123	0.45	1.0	0.0	0.292	1.0	0.0	63.6	-44.3	51.5	68.1	130	0.45	1.0	0.0
119	124	131	0.433	1.0	0.0	70.7	-34.5	61.8	70.8	119	0.359	1.0	0.0	67.9	-38.3	56.9	68.7	124	0.433	1.0	0.0	0.28	1.0	0.0	62.8	-45.3	50.6	67.9	131	0.433	1.0	0.0
120	125	133	0.416	1.0	0.0	70.2	-35.2	60.8	70.2	120	0.349	1.0	0.0	67.3	-39.2	56.2	68.6	125	0.417	1.0	0.0	0.269	1.0	0.0	62.1	-46.2	49.5	67.8	133	0.417	1.0	0.0
121	126	134	0.4	1.0	0.0	69.6	-35.9	59.7	69.6	121	0.339	1.0	0.0	66.6	-40.2	55.4	68.5	126	0.4	1.0	0.0	0.257	1.0	0.0	61.3	-47.2	48.5	67.7	134	0.4	1.0	0.0
121	127	135	0.383	1.0	0.0	69.1	-36.5	58.6	69.1	121	0.329	1.0	0.0	66.0	-41.1	54.6	68.4	127	0.383	1.0	0.0	0.244	1.0	0.0	60.7	-48.1	47.5	67.6	135	0.383	1.0	0.0
123	128	136	0.366	1.0	0.0	68.3	-37.7	57.4	68.7	123	0.319	1.0	0.0	65.3	-42.0	53.8	68.3	128	0.367	1.0	0.0	0.229	1.0	0.0	60.3	-49.0	46.5	67.6	136	0.367	1.0	0.0
124	129	137	0.35	1.0	0.0	67.3	-39.2	56.2	68.6	124	0.309	1.0	0.0	64.7	-42.8	53.0	68.2	129	0.35	1.0	0.0	0.214	1.0	0.0	59.9	-49.9	45.4	67.6	137	0.35	1.0	0.0
126	130	138	0.333	1.0	0.0	66.2	-40.8	54.9	68.4	126	0.299	1.0	0.0	64.1	-43.7	52.2	68.1	130	0.333	1.0	0.0	0.199	1.0	0.0	59.5	-50.8	44.4	67.5	138	0.333	1.0	0.0
128	131	140	0.316	1.0	0.0	65.1	-42.3	53.6	68.2	128	0.289	1.0	0.0	63.4	-44.5	51.3	68.0	131	0.317	1.0	0.0	0.184	1.0	0.0	59.1	-51.7	43.3	67.5	140	0.317	1.0	0.0
129	132	141	0.3	1.0	0.0	64.0	-43.7	52.2	68.1	129	0.28	1.0	0.0	62.8	-45.4	50.5	67.9	132	0.3	1.0	0.0	0.169	1.0	0.0	58.6	-52.5	42.2	67.5	141	0.3	1.0	0.0
131	133	142	0.283	1.0	0.0	63.0	-45.1	50.8	67.9	131	0.27	1.0	0.0	62.1	-46.2	49.6	67.8	133	0.283	1.0	0.0	0.154	1.0	0.0	58.2	-53.3	41.1	67.4	142	0.283	1.0	0.0
133	134	143	0.266	1.0	0.0	61.9	-46.5	49.3	67.8	133	0.26	1.0	0.0	61.5	-47.0	48.7	67.8	134	0.267	1.0	0.0	0.139	1.0	0.0	57.8	-54.1	40.0	67.4	143	0.267	1.0	0.0
134	135	144	0.25	1.0	0.0	60.8	-47.8	47.8	67.6	134	0.249	1.0	0.0	60.9	-47.7	47.8	67.7	135	0.25	1.0	0.0	0.124	1.0	0.0	57.4	-54.9	38.9	67.4	144	0.25	1.0	0.0
136	136	145	0.233	1.0	0.0	60.4	-48.8	46.7	67.6	136	0.237	1.0	0.0	60.5	-48.5	47.0	67.6	136	0.233	1.0	0.0	0.113	1.0	0.0	56.9	-56.2	38.1	68.0	145	0.233	1.0	0.0
137	137	147	0.216	1.0	0.0	59.9	-49.8	45.6	67.5	137	0.224	1.0	0.0	60.1	-49.3	46.1	67.6	137	0.217	1.0	0.0	0.102	1.0	0.0	56.4	-57.5	37.3	68.6	147	0.217	1.0	0.0
138	138	148	0.2	1.0	0.0	59.4	-50.8	44.4	67.5	138	0.211	1.0	0.0	59.8	-50.1	45.2	67.6	138	0.2	1.0	0.0	0.091	1.0	0.0	55.9	-58.8	36.4	69.2	148	0.2	1.0	0.0
140	139	149	0.183	1.0	0.0	59.0	-51.8	43.2	67.4	140	0.198	1.0	0.0	59.4	-50.9	44.3	67.5	139	0.183	1.0	0.0	0.08	1.0	0.0	55.4	-60.0	35.6	69.9	149	0.183	1.0	0.0
141	140	150	0.166	1.0	0.0	58.5	-52.7	42.0	67.4	141	0.185	1.0	0.0	59.1	-51.6	43.4	67.5	140	0.167	1.0	0.0	0.069	1.0	0.0	55.0	-61.3	34.6	70.5	150	0.167	1.0	0.0
142	141	151	0.15	1.0	0.0	58.1	-53.6	40.8	67.4	142	0.172	1.0	0.0	58.7	-52.3	42.5	67.5	141	0.15	1.0	0.0	0.058	1.0	0.0	54.5	-62.5	33.7	71.1	151	0.15	1.0	0.0
144	142	152	0.133	1.0	0.0	57.6	-54.5	39.5	67.3	144	0.159	1.0	0.0	58.4	-53.0	41.5	67.4	142	0.133	1.0	0.0	0.047	1.0	0.0	54.0	-63.8	32.7	71.7	152	0.133	1.0	0.0
145	143	154	0.116	1.0	0.0	57.0	-55.9	38.3	67.8	145	0.147	1.0	0.0	58.0	-53.7	40.6	67.4	143	0.117	1.0	0.0	0.035	1.0	0.0	53.5	-65.0	31.7	72.4	154	0.117	1.0	0.0
147	144	155	0.1	1.0	0.0	56.3	-57.8	37.1	68.7	147	0.134	1.0	0.0	57.7	-54.4	39.6	67.4	144	0.1	1.0	0.0	0.024	1.0	0.0	53.0	-66.2	30.6	73.0	155	0.1	1.0	0.0
149	145	156	0.083	1.0	0.0	55.5	-59.7	35.8	69.6	149	0.122	1.0	0.0	57.3	-55.2	38.7	67.5	145	0.083	1.0	0.0	0.013	1.0	0.0	52.5	-67.4	29.5	73.6	156	0.083	1.0	0.0
150	146	157	0.066	1.0	0.0	54.8	-61.6	34.4	70.6	150	0.112	1.0	0.0	56.9	-56.3	38.1	68.0	146	0.067	1.0	0.0	0.002	1.0	0.0	52.0	-68.5	28.3	74.2	157	0.067	1.0	0.0
152	147	158	0.049	1.0	0.0	54.1	-63.4	32.9	71.5	152	0.103	1.0	0.0	56.4	-57.4	37.4	68.6	147	0.05	1.0	0.0	0.0	1.0	0.02	52.1	-68.4	26.7	73.6	158	0.05	1.0	0.0
154	148	159	0.033	1.0	0.0	53.4	-65.3	31.4	72.4	154	0.093	1.0	0.0	56.0	-58.5	36.6	69.1	148	0.033	1.0	0.0	0.0	1.0	0.044	52.2	-68.0	24.9	72.5	159	0.033	1.0	0.0
156	149	161	0.016	1.0	0.0	52.6	-67.1	29.8	73.4	156	0.084	1.0	0.0	55.6	-59.6	35.9	69.7	149	0.017	1.0	0.0	0.0	1.0	0.069	52.3	-67.6	23.2	71.5	161	0.017	1.0	0.0
157	150	162	0.0	1.0	0.0	51.9	-68.8	28.1	74.3	157	0.074	1.0	0.0	55.2	-60.7	35.1	70.2	150	0.0	1.0	0.0	0.0	1.0	0.093	52.4	-67.0	21.5	70.5	162	0.0	1.0	0.0
158	151	163	0.0	1.0	0.016	52.0	-68.5	26.9	73.6	158	0.065	1.0	0.0	54.8	-61.8	34.3	70.7	151	0.0	1.0	0.017	0.0	1.0	0.112	52.5	-66.6	20.2	69.7	163	0.0	1.0	0.017
159	152	164	0.0	1.0	0.033	52.1	-68.3	25.7	72.9	159	0.055	1.0	0.0	54.4	-62.8	33.5	71.3	152	0.0	1.0	0.033	0.0	1.0	0.13	52.6	-66.2	18.9	68.9	164	0.0	1.0	0.033
160	153	164	0.0	1.0	0.05	52.2	-68.0	24.5	72.2	160	0.046	1.0	0.0	53.9	-63.9	32.6	71.8	153	0.0	1.0	0.05	0.0	1.0	0.146	52.7	-65.7	17.7	68.1	164	0.0	1.0	0.05
160	154	165	0.0	1.0	0.066	52.2	-67.6	23.3	71.6	160	0.036	1.0	0.0	53.5	-64.9	31.7	72.3	154	0.0	1.0	0.067	0.0	1.0	0.162	52.8	-65.2	16.4	67.3	165	0.0	1.0	0.067
161	155	166	0.0	1.0	0.083	52.3	-67.3	22.1	70.9	161	0.027	1.0	0.0	53.1	-65.9	30.8	72.9	155	0.0	1.0	0.083	0.0	1.0	0.178	52.9	-64.6	15.2	66.5	166	0.0	1.0	0.083
162	156	167	0.0	1.0	0.1	52.4	-66.9	21.0	70.2	162	0.017	1.0	0.0	52.7	-67.0	29.9	73.4	156	0.0	1.0	0.1	0.0	1.0	0.193	53.0	-64.1	14.0	65.7	167	0.0	1.0	0.1
163	157	168	0.0	1.0	0.116	52.5	-66.6	19.9	69.5	163	0.008	1.0	0.0	52.3	-68.0	28.9	73.9	157	0.0	1.0	0.117	0.0	1.0	0.209	53.1	-63.5	12.8	64.9	168	0.0	1.0	0.117
164	158	169	0.0	1.0	0.133	52.6	-66.1	18.6	68.7	164	0.0	1.0	0.004	52.0	-68.7	27.8	74.2	158	0.0	1.0	0.133	0.0	1.0	0.225	53.2	-62.9	11.6	64.1	169	0.0	1.0	0.133
165	159	170	0.0	1.0	0.15	52.7	-65.6	17.3	67.9	165	0.0	1.0	0.025	52.1	-68.3	26.3	73.3	159	0.0	1.0	0.15	0.0	1.0	0.241	53.2	-62.3	10.5	63.3	170	0.0	1.0	0.15
166	160	171	0.0	1.0	0.166	52.8	-65.0	16.0	67.0	166	0.0	1.0</																				



Data of Maximum color M in colorimetric system Offset standard print; separation cmy6\*; D65 for input or output; Six hue angles of the 60 degree standard colours RYGBCM<sub>s</sub>; h<sub>ab,ds</sub> = 30.0, 90.0, 150.0, 210.0, 270.0, 330.0;

Six hue angles of the device colours RYGBCM<sub>d</sub>; h<sub>ab,d</sub> = 32.8, 97.2, 157.8, 236.2, 296.4, 353.3; Six hue angles of the elementary colours RYGBCM<sub>e</sub>; h<sub>ab,e</sub> = 25.5, 92.3, 162.2, 217.0, 271.7, 328.6

h <sub>ab,d</sub>	h <sub>ab,s</sub>	h <sub>ab,e</sub>	rgb* dd361M	LAB* d361Mi (x=LabCh)	rgb* ds361Mi	LAB* ds361Mi (x=LabCh)	rgb* de361Mi	LAB* dex361Mi (x=LabCh)	rgb* dd361Mi	rgb* de361Mi	rgb* ds361Mi	rgb* de361Mi	
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	185	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

vea archivos semejantes: http://130.149.60.45/~farbmetrik/QS45/QS45.HTM  
información técnica: http://www.ps.bam.de o http://130.149.60.45/~farbmetrik

TUB matrícula: 20130201-QS45/QS45L0FP.PDF /.PS  
aplicación para la medida salida en la impresión offset, separación cmy6\* (CMYK)  
TUB material: code=rh44ra

2-1131230-L0 QS450-73 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 cmy6\*, D65, página 13/33

gráfico TUB-QS45; código de tono: H\*e=Y25G<sub>e</sub>  
círculo de tono, 48 pasos; rgb-LabCh\*mesas

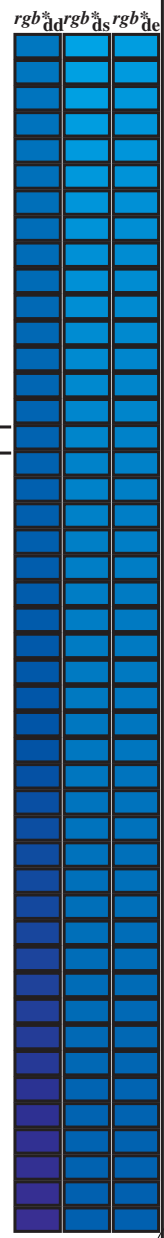
entrada: rgb/cmyk -> rgb<sub>de</sub>  
salida: 3D-linealización a cmyk\*<sub>de</sub>

Data of Maximum color M in colorimetric system Offset standard print; separation cmy6\*, D65 for input or output; Six hue angles of the 60 degree standard colours RYGBCM<sub>s</sub>: h<sub>ab,ds</sub> = 30.0, 90.0, 150.0, 210.0, 270.0, 330.0; Six hue angles of the device colours RYGBCM<sub>d</sub>: h<sub>ab,d</sub> = 32.8, 97.2, 157.8, 236.2, 296.4, 353.3; Six hue angles of the elementary colours RYGBCM<sub>e</sub>: h<sub>ab,e</sub> = 25.5, 92.3, 162.2, 217.0, 271.7, 328.6

h <sub>ab,d</sub>	h <sub>ab,s</sub>	h <sub>ab,e</sub>	rgb* dd361M	LAB* ddx361Mi (x=LabCh)	rgb* ds361Mi	LAB* dsx361Mi (x=LabCh)	rgb* de361Mi	LAB* dex361Mi (x=LabCh)	rgb* dd361Mi	LAB* dd361Mi	rgb* de361Mi	LAB* dex361Mi (x=LabCh)	rgb* dd361Mi	LAB* dd361Mi	rgb* de361Mi	LAB* dex361Mi (x=LabCh)	rgb* dd361Mi	LAB* dd361Mi	rgb* de361Mi	LAB* dex361Mi (x=LabCh)																													
236	210	216	0.0	1.0	1.0	58.3	-29.2	-43.7	52.6	236	0.0	1.0	0.666	56.1	-43.2	-24.9	50.0	210	C <sub>s</sub>	0.0	1.0	1.0	0.0	1.0	0.736	56.7	-39.7	-29.9	49.8	216	C <sub>e</sub>	0.0	1.0	1.0	0.0	1.0	0.983	1.0	0.0	1.0	0.745	56.7	-39.2	-30.5	49.8	217	0.0	0.983	1.0
236	211	217	0.0	0.983	1.0	57.9	-28.7	-43.7	52.3	236	0.0	1.0	0.676	56.2	-42.8	-25.7	50.0	211	0.0	0.983	1.0	0.0	1.0	0.745	56.7	-39.2	-30.5	49.8	217	0.0	0.983	1.0	0.0	1.0	0.967	1.0	0.0	1.0	0.755	56.8	-38.7	-31.1	49.8	218	0.0	0.967	1.0		
237	212	218	0.0	0.966	1.0	57.5	-28.1	-43.8	52.0	237	0.0	1.0	0.686	56.3	-42.3	-26.4	50.0	212	0.0	0.967	1.0	0.0	1.0	0.755	56.8	-38.7	-31.1	49.8	218	0.0	0.967	1.0	0.0	1.0	0.967	1.0	0.0	1.0	0.768	56.9	-38.3	-31.8	49.9	219	0.0	0.95	1.0		
237	213	219	0.0	0.95	1.0	57.1	-27.5	-43.8	51.8	237	0.0	1.0	0.696	56.4	-41.8	-27.1	49.9	213	0.0	0.95	1.0	0.0	1.0	0.768	56.9	-38.3	-31.8	49.9	219	0.0	0.95	1.0	0.0	1.0	0.933	1.0	0.0	1.0	0.781	57.0	-37.8	-32.4	50.0	220	0.0	0.933	1.0		
238	214	220	0.0	0.933	1.0	56.7	-26.9	-43.9	51.5	238	0.0	1.0	0.706	56.4	-41.3	-27.8	49.9	214	0.0	0.933	1.0	0.0	1.0	0.781	57.0	-37.8	-32.4	50.0	220	0.0	0.933	1.0	0.0	1.0	0.917	1.0	0.0	1.0	0.794	57.0	-37.4	-33.1	50.1	221	0.0	0.917	1.0		
238	215	221	0.0	0.916	1.0	56.2	-26.4	-43.9	51.2	238	0.0	1.0	0.716	56.5	-40.8	-28.5	49.9	215	0.0	0.917	1.0	0.0	1.0	0.794	57.0	-37.4	-33.1	50.1	221	0.0	0.917	1.0	0.0	1.0	0.807	57.1	-36.9	-33.8	50.2	222	0.0	0.9	1.0						
239	216	222	0.0	0.9	1.0	55.8	-25.8	-43.9	50.9	239	0.0	1.0	0.726	56.6	-40.2	-29.2	49.8	216	0.0	0.9	1.0	0.0	1.0	0.807	57.1	-36.9	-33.8	50.2	222	0.0	0.9	1.0	0.0	1.0	0.819	57.2	-36.4	-34.4	50.3	223	0.0	0.883	1.0						
240	217	223	0.0	0.883	1.0	55.4	-25.2	-43.9	50.7	240	0.0	1.0	0.736	56.7	-39.7	-29.9	49.8	217	0.0	0.883	1.0	0.0	1.0	0.819	57.2	-36.4	-34.4	50.3	223	0.0	0.883	1.0	0.0	1.0	0.832	57.3	-36.0	-35.1	50.4	224	0.0	0.867	1.0						
240	218	224	0.0	0.866	1.0	55.0	-24.6	-43.9	50.4	240	0.0	1.0	0.746	56.7	-39.1	-30.5	49.8	218	0.0	0.867	1.0	0.0	1.0	0.832	57.3	-36.0	-35.1	50.4	224	0.0	0.867	1.0	0.0	1.0	0.845	57.4	-35.5	-35.7	50.5	225	0.0	0.85	1.0						
241	219	225	0.0	0.85	1.0	54.5	-23.9	-44.0	50.1	241	0.0	1.0	0.758	56.8	-38.6	-31.2	49.8	219	0.0	0.85	1.0	0.0	1.0	0.845	57.4	-35.5	-35.7	50.5	225	0.0	0.85	1.0	0.0	1.0	0.858	57.5	-35.0	-36.3	50.6	226	0.0	0.833	1.0						
242	220	226	0.0	0.833	1.0	54.1	-23.2	-44.0	49.8	242	0.0	1.0	0.772	56.9	-38.1	-32.0	49.9	220	0.0	0.833	1.0	0.0	1.0	0.858	57.5	-35.0	-36.3	50.6	226	0.0	0.833	1.0	0.0	1.0	0.871	57.5	-34.4	-37.0	50.7	227	0.0	0.817	1.0						
242	221	227	0.0	0.816	1.0	53.6	-22.5	-44.1	49.5	242	0.0	1.0	0.786	57.0	-37.7	-32.7	50.0	221	0.0	0.817	1.0	0.0	1.0	0.871	57.5	-34.4	-37.0	50.7	227	0.0	0.817	1.0	0.0	1.0	0.884	57.6	-33.9	-37.6	50.8	227	0.0	0.8	1.0						
243	222	227	0.0	0.8	1.0	53.1	-21.8	-44.1	49.2	243	0.0	1.0	0.8	57.1	-37.2	-33.4	50.1	222	0.0	0.8	1.0	0.0	1.0	0.884	57.6	-33.9	-37.6	50.8	227	0.0	0.8	1.0	0.0	1.0	0.896	57.7	-33.5	-38.3	51.0	228	0.0	0.783	1.0						
244	223	228	0.0	0.783	1.0	52.7	-21.1	-44.1	48.9	244	0.0	1.0	0.814	57.2	-36.6	-34.2	50.2	223	0.0	0.783	1.0	0.0	1.0	0.896	57.7	-33.5	-38.3	51.0	228	0.0	0.783	1.0	0.0	1.0	0.909	57.8	-33.0	-39.0	51.2	229	0.0	0.767	1.0						
245	224	229	0.0	0.766	1.0	52.2	-20.4	-44.1	48.6	245	0.0	1.0	0.828	57.3	-36.1	-34.9	50.3	224	0.0	0.767	1.0	0.0	1.0	0.909	57.8	-33.0	-39.0	51.2	229	0.0	0.767	1.0	0.0	1.0	0.922	57.9	-32.5	-39.7	51.4	230	0.0	0.75	1.0						
245	225	230	0.0	0.75	1.0	51.7	-19.7	-44.1	48.3	245	0.0	1.0	0.842	57.4	-35.6	-35.6	50.4	225	0.0	0.75	1.0	0.0	1.0	0.922	57.9	-32.5	-39.7	51.4	230	0.0	0.75	1.0	0.0	1.0	0.935	57.9	-32.0	-40.4	51.6	231	0.0	0.733	1.0						
246	226	231	0.0	0.733	1.0	51.2	-18.9	-44.2	48.1	246	0.0	1.0	0.856	57.5	-35.0	-36.3	50.5	226	0.0	0.733	1.0	0.0	1.0	0.935	57.9	-32.0	-40.4	51.6	231	0.0	0.733	1.0	0.0	1.0	0.948	58.0	-31.5	-41.0	51.8	232	0.0	0.717	1.0						
247	227	232	0.0	0.716	1.0	50.7	-18.1	-44.3	47.8	247	0.0	1.0	0.87	57.5	-34.4	-36.9	50.7	227	0.0	0.717	1.0	0.0	1.0	0.948	58.0	-31.5	-41.0	51.8	232	0.0	0.717	1.0	0.0	1.0	0.961	58.1	-30.9	-41.7	52.0	233	0.0	0.7	1.0						
248	228	233	0.0	0.7	1.0	50.1	-17.4	-44.3	47.6	248	0.0	1.0	0.884	57.6	-33.9	-37.7	50.8	228	0.0	0.7	1.0	0.0	1.0	0.961	58.1	-30.9	-41.7	52.0	233	0.0	0.7	1.0	0.0	1.0	0.974	58.2	-30.4	-42.3	52.2	234	0.0	0.683	1.0						
249	229	234	0.0	0.683	1.0	49.6	-16.6	-44.3	47.4	249	0.0	1.0	0.899	57.7	-33.4	-38.4	51.1	229	0.0	0.683	1.0	0.0	1.0	0.974	58.2	-30.4	-42.3	52.2	234	0.0	0.683	1.0	0.0	1.0	0.987	58.3	-29.8	-43.0	52.4	235	0.0	0.667	1.0						
250	230	235	0.0	0.666	1.0	49.1	-15.8	-44.4	47.1	250	0.0	1.0	0.913	57.8	-32.9	-39.2	51.3	230	0.0	0.667	1.0	0.0	1.0	0.987	58.3	-29.8	-43.0	52.4	235	0.0	0.667	1.0	0.0	1.0	0.999	58.3	-29.2	-43.6	52.6	236	0.0	0.65	1.0						
251	231	236	0.0	0.65	1.0	48.5	-15.0	-44.4	46.9	251	0.0	1.0	0.927	57.9	-32.3	-39.9	51.5	231	0.0	0.65	1.0	0.0	1.0	0.999	58.3	-29.2	-43.6	52.6	236	0.0	0.65	1.0	0.0	1.0	0.974	1.0	57.7	-28.3	-43.7	52.2	237	0.0	0.633	1.0					
252	232	237	0.0	0.633	1.0	48.0	-14.3	-44.4	46.6	252	0.0	1.0	0.941	58.0	-31.7	-40.7	51.7	232	0.0	0.633	1.0	0.0	1.0	0.974	1.0	57.7	-28.3	-43.7	52.2	237	0.0	0.633	1.0	0.0	1.0	0.947	1.0	57.0	-27.4	-43.8	51.8	237	0.0	0.617	1.0				
253	233	237	0.0	0.616	1.0	47.4	-13.4	-44.5	46.4	253	0.0	1.0	0.955	58.1	-31.2	-41.4	51.9	233	0.0	0.617	1.0	0.0	1.0	0.947	1.0	57.0	-27.4	-43.8	51.8	237	0.0	0.617	1.0	0.0	1.0	0.919	1.0	56.4	-26.4	-43.8	51.3	238	0.0	0.6	1.0				
254	234	238	0.0	0.6	1.0	46.7	-12.3	-44.6	46.3	254	0.0	1.0	0.969	58.2	-30.6	-42.1	52.2	234	0.0	0.6	1.0	0.0	1.0	0.919	1.0	56.4	-26.4	-43.8	51.3	238	0.0	0.6	1.0	0.0	1.0	0.892	1.0	55.7	-25.5	-43.8	50.8	239	0.0	0.583	1.0				
255	235	239	0.0	0.583	1.0	46.1	-11.3	-44.7	46.1	255	0.0	1.0	0.983	58.2	-29.9	-42.8	52.4	235	0.0	0.583	1.0	0.0	1.0	0.892	1.0	55.7	-25.5	-43.8	50.8	239	0.0	0.583	1.0	0.0	1.0	0.867	1.0	55.0	-24.6	-43.9	50.4	240	0.0	0.567	1.0				
257	236	240	0.0	0.566	1.0	45.4	-10.2	-44.8	46.0	257	0.0	1.0	0.997	58.3	-29.3	-43.5	52.6	236	0.0	0.567	1.0	0.0	1.0	0.867	1.0	55.0	-24.6	-43.9	50.4	240	0.0	0.567	1.0	0.0	1.0	0.847	1.0	54.5	-23.7	-44.0	50.1	241	0.0	0.55	1.0				
258	237	241	0.0	0.55	1.0	44.7	-9.1	-44.9	45.8	258	0.0	1.0	0.976	1.0	57.7	-28.4	-43.7	52.2	237	0.0	0.55	1.0	0.0	1.0	0.847	1.0	54.5	-23.7	-44.0	50.1	241	0.0	0.55	1.0	0.0	1.0	0.826	1.0	53.9	-22.8	-44.0	49.7	242	0.0	0.533	1.0			
259	238	242	0.0	0.533	1.0	44.1	-8.1	-45.0	45.7	259	0.0	1.0	0.946	1.0	57.0	-27.3	-43.8	51.7	238	0.0	0.533	1.0	0.0	1.0	0.826	1.0	53.9	-22.8	-44.0	49.7	242	0.0	0.533	1.0	0.0	1.0	0.805	1.0	53.3	-22.0	-44.0	49.3	243	0.0	0.517	1.0			
261	239	243	0.0	0.516	1.0	43.4	-7.0	-4																																									

Data of Maximum color M in colorimetric system Offset standard print; separation cmy6\*, D65 for input or output; Six hue angles of the 60 degree standard colours RYGBM;  $h_{ab,ds} = 30.0, 90.0, 150.0, 210.0, 270.0, 330.0$ ;  
Six hue angles of the device colours RYGBM<sub>d</sub>;  $h_{ab,d} = 32.8, 97.2, 157.8, 236.2, 296.4, 353.3$ ; Six hue angles of the elementary colours RYGBM<sub>e</sub>;  $h_{ab,e} = 25.5, 92.3, 162.2, 217.0, 271.7, 328.6$

h <sub>ab,d</sub>	h <sub>ab,s</sub>	h <sub>ab,e</sub>	rgb* <sub>ds</sub> 361M	LAB* <sub>ds</sub> 361Mi (x=LabCh)	rgb* <sub>ds</sub> 361Mi	LAB* <sub>ds</sub> 361Mi (x=LabCh)	rgb* <sub>de</sub> 361Mi	LAB* <sub>de</sub> 361Mi (x=LabCh)	rgb* <sub>de</sub> 361Mi	LAB* <sub>de</sub> 361Mi (x=LabCh)	rgb* <sub>de</sub> 361Mi	LAB* <sub>de</sub> 361Mi (x=LabCh)	
281	255	258	0.0	0.25	1.0	33.3	9.4	-46.0	47.0	281	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	0.233	1.0
283	257	259	0.0	0.216	1.0	32.0	11.5	-46.4	47.8	283	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	0.2	1.0
286	259	261	0.0	0.183	1.0	30.8	13.6	-46.7	48.6	286	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	0.167	1.0
288	261	263	0.0	0.15	1.0	29.5	15.8	-46.9	49.4	288	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	0.133	1.0
290	263	265	0.0	0.116	1.0	28.3	17.8	-47.0	50.3	290	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	0.1	1.0
292	265	267	0.0	0.083	1.0	27.5	19.4	-47.1	51.0	292	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	0.067	1.0
293	267	269	0.0	0.049	1.0	26.6	21.0	-47.3	51.7	293	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	0.033	1.0
295	269	270	0.0	0.016	1.0	25.7	22.6	-47.3	52.5	295	0.0	0.017	1.0
296	270	271	0.0	0.0	1.0	25.3	23.5	-47.3	52.8	296	0.0	0.017	1.0
297	271	272	0.016	0.0	1.0	25.8	24.6	-46.8	52.9	297	0.0	0.017	1.0
299	272	273	0.033	0.0	1.0	26.3	25.8	-46.2	52.9	299	0.033	0.0	1.0
300	273	274	0.05	0.0	1.0	26.9	26.9	-45.6	52.9	300	0.05	0.0	1.0
301	274	275	0.066	0.0	1.0	27.4	28.0	-45.0	53.0	301	0.067	0.0	1.0
303	275	276	0.083	0.0	1.0	27.9	29.1	-44.3	53.0	303	0.083	0.0	1.0
304	276	277	0.1	0.0	1.0	28.5	30.2	-43.6	53.1	304	0.1	0.0	1.0
306	277	278	0.116	0.0	1.0	29.0	31.2	-42.9	53.1	306	0.117	0.0	1.0
307	278	279	0.133	0.0	1.0	29.4	32.1	-42.3	53.1	307	0.133	0.0	1.0
307	279	280	0.15	0.0	1.0	29.7	32.7	-41.9	53.2	307	0.15	0.0	1.0
308	280	281	0.166	0.0	1.0	30.0	33.3	-41.5	53.2	308	0.167	0.0	1.0
309	281	282	0.183	0.0	1.0	30.3	33.9	-41.0	53.2	309	0.183	0.0	1.0
310	282	283	0.2	0.0	1.0	30.6	34.5	-40.6	53.3	310	0.2	0.0	1.0
311	283	284	0.216	0.0	1.0	30.9	35.0	-40.1	53.3	311	0.217	0.0	1.0
311	284	285	0.233	0.0	1.0	31.2	35.6	-39.6	53.3	311	0.233	0.0	1.0
312	285	285	0.25	0.0	1.0	31.5	36.2	-39.2	53.4	312	0.25	0.0	1.0
314	286	286	0.266	0.0	1.0	31.8	37.8	-38.3	53.8	314	0.267	0.0	1.0
316	287	287	0.283	0.0	1.0	32.1	39.4	-37.4	54.3	316	0.283	0.0	1.0
318	288	288	0.3	0.0	1.0	32.4	40.9	-36.4	54.8	318	0.3	0.0	1.0
320	289	289	0.316	0.0	1.0	32.7	42.4	-35.3	55.3	320	0.317	0.0	1.0
322	290	290	0.333	0.0	1.0	33.0	43.9	-34.2	55.7	322	0.333	0.0	1.0
323	291	291	0.35	0.0	1.0	33.3	45.4	-33.1	56.2	323	0.35	0.0	1.0
325	292	292	0.366	0.0	1.0	33.6	46.9	-31.8	56.7	325	0.367	0.0	1.0
327	293	293	0.383	0.0	1.0	34.0	48.0	-30.9	57.1	327	0.383	0.0	1.0
328	294	294	0.4	0.0	1.0	34.6	48.9	-30.3	57.5	328	0.4	0.0	1.0
329	295	295	0.416	0.0	1.0	35.1	49.7	-29.7	57.9	329	0.417	0.0	1.0
330	296	296	0.433	0.0	1.0	35.7	50.5	-29.0	58.3	330	0.433	0.0	1.0
331	297	297	0.45	0.0	1.0	36.2	51.4	-28.4	58.7	331	0.45	0.0	1.0
332	298	298	0.466	0.0	1.0	36.7	52.2	-27.7	59.1	332	0.467	0.0	1.0
332	299	299	0.483	0.0	1.0	37.3	53.0	-27.0	59.5	332	0.483	0.0	1.0
333	300	300	0.5	0.0	1.0	37.8	53.8	-26.3	59.9	333	0.5	0.0	1.0



vea archivos semejantes: <http://130.149.60.45/~farbmetrik/QS45/QS45L0FP.PDF> / .PS  
información técnica: <http://www.ps.bam.de> o <http://130.149.60.45/~farbmetrik>

TUB matrícula: 20130201-QS45/QS45L0FP.PDF /.PS  
aplicación para la medida salida en la impresión offset, separación cmy6\* (CMYK)  
TUB material: code=rh4ta



Data of Maximum color M in colorimetric system Offset standard print; separation cmy6\*, D65 for input or output; Six hue angles of the 60 degree standard colours RYGBCM<sub>s</sub>: h<sub>ab,ds</sub> = 30.0, 90.0, 150.0, 210.0, 270.0, 330.0;  
Six hue angles of the device colours RYGBCM<sub>d</sub>: h<sub>ab,d</sub> = 32.8, 97.2, 157.8, 236.2, 296.4, 353.3; Six hue angles of the elementary colours RYGBCM<sub>e</sub>: h<sub>ab,e</sub> = 25.5, 92.3, 162.2, 217.0, 271.7, 328.6

h <sub>ab,d</sub>	h <sub>ab,s</sub>	h <sub>ab,e</sub>	rgb* <sub>dd361M</sub>	LAB* <sub>dd361Mi (x=LabCh)</sub>	rgb* <sub>ds361Mi</sub>	LAB* <sub>dsx361Mi (x=LabCh)</sub>	rgb* <sub>dd361Mi</sub>	LAB* <sub>de361Mi</sub>	rgb* <sub>dex361Mi (x=LabCh)</sub>	rgb* <sub>dd361Mi</sub>	LAB* <sub>de361Mi</sub>	rgb* <sub>dd361Mi</sub>	LAB* <sub>de361Mi</sub>	rgb* <sub>dd361Mi</sub>	LAB* <sub>de361Mi</sub>																	
333	300	300	0.5	0.0	1.0	37.8	53.8	-26.3	59.9	333	0.043	0.0	1.0	26.7	26.5	-45.8	53.0	300	0.5	0.0	1.0	0.046	0.0	1.0	26.8	26.6	-45.7	53.0	300	0.5	0.0	1.0
334	301	301	0.516	0.0	1.0	38.3	54.5	-25.7	60.3	334	0.056	0.0	1.0	27.1	27.3	-45.3	53.0	301	0.517	0.0	1.0	0.057	0.0	1.0	27.2	27.4	-45.3	53.0	301	0.517	0.0	1.0
335	302	302	0.533	0.0	1.0	38.7	55.2	-25.2	60.6	335	0.068	0.0	1.0	27.5	28.1	-44.9	53.0	302	0.533	0.0	1.0	0.068	0.0	1.0	27.5	28.2	-44.8	53.0	302	0.533	0.0	1.0
336	303	303	0.55	0.0	1.0	39.1	55.8	-24.6	61.0	336	0.08	0.0	1.0	27.9	28.9	-44.4	53.1	303	0.55	0.0	1.0	0.08	0.0	1.0	27.9	28.9	-44.4	53.1	303	0.55	0.0	1.0
336	304	303	0.566	0.0	1.0	39.5	56.5	-24.0	61.4	336	0.092	0.0	1.0	28.3	29.7	-43.9	53.1	304	0.567	0.0	1.0	0.091	0.0	1.0	28.3	29.7	-43.9	53.1	303	0.567	0.0	1.0
337	305	304	0.583	0.0	1.0	39.9	57.2	-23.4	61.8	337	0.104	0.0	1.0	28.7	30.5	-43.4	53.1	305	0.583	0.0	1.0	0.103	0.0	1.0	28.6	30.4	-43.5	53.1	304	0.583	0.0	1.0
338	306	305	0.6	0.0	1.0	40.3	57.8	-22.8	62.2	338	0.116	0.0	1.0	29.0	31.2	-42.9	53.1	306	0.6	0.0	1.0	0.114	0.0	1.0	29.0	31.1	-43.0	53.1	305	0.6	0.0	1.0
339	307	306	0.616	0.0	1.0	40.7	58.5	-22.1	62.5	339	0.13	0.0	1.0	29.4	32.0	-42.4	53.2	307	0.617	0.0	1.0	0.126	0.0	1.0	29.4	31.9	-42.5	53.2	306	0.617	0.0	1.0
340	308	307	0.633	0.0	1.0	41.1	59.3	-21.4	63.0	340	0.151	0.0	1.0	29.8	32.8	-41.8	53.2	308	0.633	0.0	1.0	0.146	0.0	1.0	29.7	32.6	-42.0	53.2	307	0.633	0.0	1.0
341	309	308	0.65	0.0	1.0	41.4	60.3	-20.5	63.7	341	0.172	0.0	1.0	30.2	33.5	-41.3	53.3	309	0.65	0.0	1.0	0.166	0.0	1.0	30.1	33.3	-41.5	53.2	308	0.65	0.0	1.0
342	310	309	0.666	0.0	1.0	41.7	61.3	-19.7	64.3	342	0.193	0.0	1.0	30.6	34.3	-40.7	53.3	310	0.667	0.0	1.0	0.186	0.0	1.0	30.4	34.0	-40.9	53.3	309	0.667	0.0	1.0
343	311	310	0.683	0.0	1.0	41.9	62.2	-18.8	65.0	343	0.214	0.0	1.0	30.9	35.0	-40.2	53.3	311	0.683	0.0	1.0	0.205	0.0	1.0	30.8	34.7	-40.4	53.3	310	0.683	0.0	1.0
344	312	311	0.7	0.0	1.0	42.2	63.2	-17.8	65.6	344	0.234	0.0	1.0	31.3	35.7	-39.6	53.4	312	0.7	0.0	1.0	0.225	0.0	1.0	31.1	35.4	-39.8	53.4	311	0.7	0.0	1.0
345	313	312	0.716	0.0	1.0	42.5	64.1	-16.9	66.3	345	0.252	0.0	1.0	31.6	36.5	-39.0	53.5	313	0.717	0.0	1.0	0.245	0.0	1.0	31.5	36.1	-39.3	53.4	312	0.717	0.0	1.0
346	314	313	0.733	0.0	1.0	42.8	65.0	-15.9	66.9	346	0.261	0.0	1.0	31.8	37.3	-38.5	53.7	314	0.733	0.0	1.0	0.256	0.0	1.0	31.7	36.8	-38.8	53.6	313	0.733	0.0	1.0
347	315	314	0.75	0.0	1.0	43.1	65.9	-14.9	67.6	347	0.27	0.0	1.0	31.9	38.2	-38.1	54.0	315	0.75	0.0	1.0	0.265	0.0	1.0	31.8	37.7	-38.4	53.8	314	0.75	0.0	1.0
347	316	315	0.766	0.0	1.0	43.5	66.4	-14.5	68.0	347	0.279	0.0	1.0	32.1	39.0	-37.6	54.2	316	0.767	0.0	1.0	0.273	0.0	1.0	32.0	38.5	-37.9	54.1	315	0.767	0.0	1.0
348	317	316	0.783	0.0	1.0	43.8	66.9	-14.1	68.4	348	0.288	0.0	1.0	32.3	39.8	-37.1	54.5	317	0.783	0.0	1.0	0.282	0.0	1.0	32.1	39.3	-37.4	54.3	316	0.783	0.0	1.0
348	318	317	0.8	0.0	1.0	44.2	67.3	-13.7	68.7	348	0.297	0.0	1.0	32.4	40.7	-36.5	54.7	318	0.8	0.0	1.0	0.29	0.0	1.0	32.3	40.0	-36.9	54.5	317	0.8	0.0	1.0
348	319	318	0.816	0.0	1.0	44.6	67.8	-13.3	69.1	348	0.306	0.0	1.0	32.6	41.5	-36.0	55.0	319	0.817	0.0	1.0	0.299	0.0	1.0	32.4	40.8	-36.4	54.8	318	0.817	0.0	1.0
349	320	319	0.833	0.0	1.0	45.0	68.3	-12.9	69.5	349	0.315	0.0	1.0	32.7	42.3	-35.4	55.2	320	0.833	0.0	1.0	0.307	0.0	1.0	32.6	41.6	-35.9	55.0	319	0.833	0.0	1.0
349	321	320	0.85	0.0	1.0	45.3	68.8	-12.5	69.9	349	0.324	0.0	1.0	32.9	43.1	-34.8	55.5	321	0.85	0.0	1.0	0.315	0.0	1.0	32.7	42.4	-35.4	55.3	320	0.85	0.0	1.0
350	322	321	0.866	0.0	1.0	45.7	69.2	-12.1	70.3	350	0.333	0.0	1.0	33.1	43.9	-34.2	55.8	322	0.867	0.0	1.0	0.324	0.0	1.0	32.9	43.2	-34.8	55.5	321	0.867	0.0	1.0
350	323	321	0.883	0.0	1.0	46.1	69.7	-11.7	70.7	350	0.342	0.0	1.0	33.2	44.7	-33.6	56.0	323	0.883	0.0	1.0	0.332	0.0	1.0	33.0	43.9	-34.2	55.7	321	0.883	0.0	1.0
350	324	322	0.9	0.0	1.0	46.4	70.1	-11.2	71.0	350	0.351	0.0	1.0	33.4	45.5	-33.0	56.3	324	0.9	0.0	1.0	0.341	0.0	1.0	33.2	44.7	-33.7	56.0	322	0.9	0.0	1.0
351	325	323	0.916	0.0	1.0	46.7	70.6	-10.8	71.4	351	0.359	0.0	1.0	33.5	46.3	-32.3	56.5	325	0.917	0.0	1.0	0.349	0.0	1.0	33.4	45.4	-33.1	56.2	323	0.917	0.0	1.0
351	326	324	0.933	0.0	1.0	47.0	71.0	-10.3	71.8	351	0.368	0.0	1.0	33.7	47.1	-31.6	56.8	326	0.933	0.0	1.0	0.358	0.0	1.0	33.5	46.2	-32.4	56.5	324	0.933	0.0	1.0
352	327	325	0.95	0.0	1.0	47.3	71.5	-9.9	72.2	352	0.379	0.0	1.0	34.0	47.9	-31.0	57.1	327	0.95	0.0	1.0	0.366	0.0	1.0	33.7	46.9	-31.8	56.7	325	0.95	0.0	1.0
352	328	326	0.966	0.0	1.0	47.6	71.9	-9.4	72.5	352	0.397	0.0	1.0	34.5	48.7	-30.4	57.5	328	0.967	0.0	1.0	0.375	0.0	1.0	33.8	47.6	-31.2	57.0	326	0.967	0.0	1.0
352	329	327	0.983	0.0	1.0	47.9	72.4	-9.0	72.9	352	0.414	0.0	1.0	35.1	49.6	-29.7	57.9	329	0.983	0.0	1.0	0.391	0.0	1.0	34.3	48.4	-30.6	57.3	327	0.983	0.0	1.0
353	330	328	1.0	0.0	1.0	48.2	72.8	-8.5	73.3	353	0.432	0.0	1.0	35.7	50.5	-29.1	58.3	330	1.0	0.0	1.0	0.407	0.0	1.0	34.9	49.3	-30.0	57.7	328	1.0	0.0	1.0
353	331	329	1.0	0.0	0.983	48.2	72.7	-7.9	73.1	353	0.449	0.0	1.0	36.2	51.4	-28.4	58.7	331	1.0	0.0	0.983	0.424	0.0	1.0	35.4	50.1	-29.4	58.1	329	1.0	0.0	0.983
354	332	330	1.0	0.0	0.966	48.2	72.5	-7.4	72.9	354	0.467	0.0	1.0	36.8	52.2	-27.7	59.1	332	1.0	0.0	0.967	0.441	0.0	1.0	35.9	50.9	-28.7	58.5	330	1.0	0.0	0.967
354	333	331	1.0	0.0	0.95	48.2	72.4	-6.8	72.7	354	0.484	0.0	1.0	37.4	53.1	-26.9	59.6	333	1.0	0.0	0.95	0.457	0.0	1.0	36.5	51.8	-28.1	58.9	331	1.0	0.0	0.95
355	334	332	1.0	0.0	0.933	48.2	72.2	-6.2	72.5	355	0.502	0.0	1.0	37.9	53.9	-26.2	60.0	334	1.0	0.0	0.933	0.474	0.0	1.0	37.0	52.6	-27.4	59.3	332	1.0	0.0	0.933
355	335	333	1.0	0.0	0.916	48.2	72.0	-5.7	72.3	355	0.524	0.0	1.0	38.5	54.8	-25.5	60.5	335	1.0	0.0	0.917	0.49	0.0	1.0	37.6	53.4	-26.7	59.7	333	1.0	0.0	0.917
355	336	334	1.0	0.0	0.9	48.2	71.9	-5.1	72.1	355	0.546	0.0	1.0	39.0	55.7	-24.7	61.0	336	1.0	0.0	0.9	0.508	0.0	1.0	38.1	54.2	-26.0	60.1	334	1.0	0.0	0.9
356	337	335	1.0	0.0	0.883	48.2	71.7	-4.6	71.8	356	0.567	0.0	1.0	39.6	56.6	-23.9	61.5	337	1.0	0.0	0.883	0.529	0.0	1.0	38.6	55.0	-25.3	60.6	335	1.0	0.0	0.883
356	338	336	1.0	0.0	0.866	48.2	71.5	-4.0	71.7	356	0.589	0.0	1.0	40.1	57.5	-23.1	62.0	338	1.0	0.0	0.867	0.55	0.0	1.0	39.1	55.9	-24.6	61.1	336	1.0	0.0	0.867
357	339	337	1.0	0.0	0.85	48.2	71.4	-3.3	71.5	357	0.611	0.0	1.0	40.7	58.3	-22.3	62.5	339	1.0	0.0	0.85	0.57	0.0	1.0	39.6	56.7	-23.8	61.5	337	1.0	0.0	0.85
357	340	338	1.0	0.0	0.833	48.2	71.3																									







http://130.149.60.45/~farbmetrik/QS45/QS45LOFP.PDF /.PS; 3D-linealización F: 3D-linealización QS45/QS45LS30FP.DAT en archivo (F), página 20/33

Table with 10 columns: n=F, HHC\*F, rpb\*F, icr\*F, hsa\*F, rpb\*F, LabC\*F, cmyk\*sep, cmyk\*sep, rpb\*F, hsa\*F, LabC\*F, rpb\*F, hsa\*F, LabC\*F, cmyk\*sep, cmyk\*sep, rpb\*F, hsa\*F, LabC\*F, delta

vea archivos semejantes: http://130.149.60.45/~farbmetrik/QS45/QS45.HTM información técnica: http://www.ps.bam.de o http://130.149.60.45/~farbmetrik

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

QS450-7N, 2033-F

gráfico TUB-QS45; código de tono: H\*e=Y25Ge colores y diferencia en color, ΔE\*

2-1131930-F0



http://130.149.60.45/~farbmetrik/QS45/QS45LOFP.PDF /PS; 3D-linealización F: 3D-linealización QS45/QS45L30FP.DAT en archivo (F), página 21/33

Table with 16 columns: n, HHC\*Fide, rpb\_Fide, icr\_Fide, hsa\_Fide, rpb\*Fide, LabCM\*Fide, cmyk\*sep\_Fide, hsa\*Fide, rpb\*Fide, LabCM\*Fide, delta, LabCM\*Fide, rpb\*Fide, hsa\*Fide, delta. Rows 81-161.

vea archivos semejantes: http://130.149.60.45/~farbmetrik/QS45/QS45.HTM información técnica: http://www.ps.bam.de o http://130.149.60.45/~farbmetrik

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

gráfico TUB-QS45; código de tono: H\*e=Y25Ge colores y diferencia en color, ΔE\*<sup>\*</sup>

QS450-TN; 21/33-F

2-1132030-F0

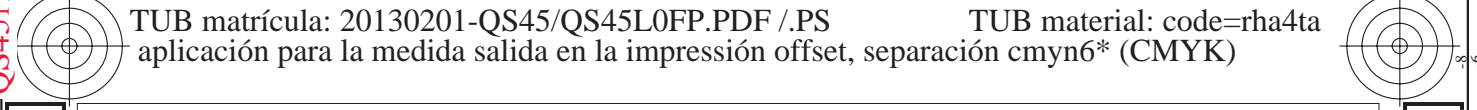


Table with 24 columns: n, HHC\*File, rgb\_Rate, icr\_File, Hsa\_Rate, rgb\*File, LabCM\*File, cmyk\*\_sep\_Rate, cmyk\*\_sep\_Rate, delta, Hsa\*File, rgb\*File, LabCM\*File, Hsa\*File, rgb\*File, LabCM\*File, Hsa\*File, rgb\*File, LabCM\*File, Hsa\*File, rgb\*File, LabCM\*File, Hsa\*File, rgb\*File, LabCM\*File. The table contains numerical data for various color calibration patches.



Table with 32 columns: n, HHC\*File, rgb\_E, icr\_E, Hs\_E, rgb\*File, LabC\*File, cmyn\*sep\_E, cmyn\*File, Lab\*File, Hs\*File, LabC\*File, delta. Rows 243-323.

entrada: rgb/cmyk -> rgbd
salida: 3D-linealización a cmyk\* de
gráfico TUB-QS45; código de tono: H\*e=Y25Ge
colores y diferencia en color, ΔE\*
2-113220-F0
2-113220-F0







http://130.149.60.45/~farbmetrik/QS45/QS45LOFP.PDF /.PS; 3D-linealización F: 3D-linealización QS45/QS45L30FP.DAT en archivo (F), página 27/33

Table with 20 columns: n, HHC\*File, rgb\_Efile, icr\_Efile, hsa\_Efile, rgp\_Efile, LabCM\*File, cmyp\*sep\_Efile, cmyp\*sep\_Efile, LabCM\*File, hsa\_Efile, rgp\_Efile, LabCM\*File, cmyp\*sep\_Efile, cmyp\*sep\_Efile, LabCM\*File, hsa\_Efile, rgp\_Efile, LabCM\*File, delta. Rows 567-647.

vea archivos semejantes: http://130.149.60.45/~farbmetrik/QS45/QS45.HTM información técnica: http://www.ps.bam.de o http://130.149.60.45/~farbmetrik

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

gráfico TUB-QS45; código de tono: H\*e=Y25Ge colores y diferencia en color, ΔE\*<sup>\*</sup>

2-1132630-F0

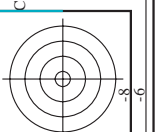
QS450-TN; 27/33-F





n	HC*File	rgb*File	icr*File	hsa*File	rgb*File	LabCM*File	cmyp*sep*File	delta	LabCM*File	rgb*File	hsa*File	cmyp*sep*File	delta
729	NW_1000de	1.0	1.0	1.0	1.0	95.4	0.0	0.0	95.4	1.0	360	0.0	0.0
730	GS0B_100.012de	0.875	1.0	1.0	1.0	0.966	0.196	0.0035	0.954	1.0	360	0.0	0.0
731	GS0B_100.025de	0.75	1.0	1.0	0.933	85.7	0.338	0.0059	0.954	1.0	360	0.0	0.0
732	GS0B_100.037de	0.625	1.0	1.0	0.9	80.9	0.476	0.0089	0.954	1.0	360	0.0	0.0
733	GS0B_100.050de	0.5	1.0	1.0	0.867	76.0	0.618	0.013	0.954	1.0	360	0.0	0.0
734	GS0B_100.062de	0.375	1.0	1.0	0.834	71.2	0.759	0.0147	0.954	1.0	360	0.0	0.0
735	GS0B_100.075de	0.25	1.0	1.0	0.801	66.5	0.899	0.0172	0.954	1.0	360	0.0	0.0
736	GS0B_100.087de	0.125	1.0	1.0	0.768	61.5	1.039	0.0254	0.954	1.0	360	0.0	0.0
737	GS0B_100.100de	0.0	1.0	1.0	0.735	56.6	1.179	0.0332	0.954	1.0	360	0.0	0.0
738	ROY_100.012de	1.0	0.875	0.875	1.0	0.901	0.152	0.0066	0.954	1.0	360	0.0	0.0
739	NW_087de	0.875	0.875	0.875	1.0	0.875	0.007	0.0007	0.954	1.0	360	0.0	0.0
740	GS0B_087.012de	0.75	0.875	0.875	1.0	0.841	0.021	0.0035	0.954	1.0	360	0.0	0.0
741	GS0B_087.025de	0.625	0.875	0.875	1.0	0.808	0.031	0.0083	0.954	1.0	360	0.0	0.0
742	GS0B_087.037de	0.5	0.875	0.875	1.0	0.775	0.041	0.0126	0.954	1.0	360	0.0	0.0
743	GS0B_087.050de	0.375	0.875	0.875	1.0	0.742	0.053	0.0159	0.954	1.0	360	0.0	0.0
744	GS0B_087.062de	0.25	0.875	0.875	1.0	0.709	0.065	0.0194	0.954	1.0	360	0.0	0.0
745	GS0B_087.075de	0.125	0.875	0.875	1.0	0.676	0.077	0.0227	0.954	1.0	360	0.0	0.0
746	GS0B_087.087de	0.0	0.875	0.875	1.0	0.643	0.089	0.0265	0.954	1.0	360	0.0	0.0
747	ROY_100.025de	0.875	0.75	0.875	1.0	0.802	0.025	0.0123	0.954	1.0	360	0.0	0.0
748	ROY_100.037de	0.75	0.75	0.875	1.0	0.776	0.009	0.009	0.954	1.0	360	0.0	0.0
749	NW_075de	0.625	0.75	0.875	1.0	0.75	0.008	0.0035	0.954	1.0	360	0.0	0.0
750	GS0B_075.012de	0.5	0.75	0.875	1.0	0.716	0.018	0.0099	0.954	1.0	360	0.0	0.0
751	GS0B_075.025de	0.375	0.75	0.875	1.0	0.683	0.0232	0.0131	0.954	1.0	360	0.0	0.0
752	GS0B_075.037de	0.25	0.75	0.875	1.0	0.65	0.031	0.0191	0.954	1.0	360	0.0	0.0
753	GS0B_075.050de	0.125	0.75	0.875	1.0	0.617	0.0371	0.0258	0.954	1.0	360	0.0	0.0
754	GS0B_075.062de	0.0	0.75	0.875	1.0	0.584	0.043	0.0329	0.954	1.0	360	0.0	0.0
755	ROY_100.037de	1.0	0.625	0.625	1.0	0.655	0.0388	0.025	0.954	1.0	360	0.0	0.0
756	ROY_087.037de	0.875	0.625	0.625	1.0	0.625	0.0227	0.0121	0.954	1.0	360	0.0	0.0
757	ROY_087.050de	0.75	0.625	0.625	1.0	0.592	0.0325	0.0145	0.954	1.0	360	0.0	0.0
758	ROY_075.050de	0.625	0.625	0.625	1.0	0.559	0.042	0.0185	0.954	1.0	360	0.0	0.0
759	NW_062de	0.5	0.625	0.625	1.0	0.526	0.051	0.024	0.954	1.0	360	0.0	0.0
760	GS0B_062.012de	0.375	0.625	0.625	1.0	0.493	0.061	0.0309	0.954	1.0	360	0.0	0.0
761	GS0B_062.025de	0.25	0.625	0.625	1.0	0.46	0.071	0.0378	0.954	1.0	360	0.0	0.0
762	GS0B_062.037de	0.125	0.625	0.625	1.0	0.427	0.081	0.0449	0.954	1.0	360	0.0	0.0
763	GS0B_062.050de	0.0	0.625	0.625	1.0	0.394	0.091	0.052	0.954	1.0	360	0.0	0.0
764	ROY_100.062de	1.0	0.5	0.5	1.0	0.504	0.05	0.0375	0.954	1.0	360	0.0	0.0
765	ROY_100.050de	0.875	0.5	0.5	1.0	0.471	0.04	0.0449	0.954	1.0	360	0.0	0.0
766	ROY_087.050de	0.75	0.5	0.5	1.0	0.438	0.03	0.052	0.954	1.0	360	0.0	0.0
767	ROY_075.050de	0.625	0.5	0.5	1.0	0.405	0.02	0.061	0.954	1.0	360	0.0	0.0
768	NW_050de	0.5	0.5	0.5	1.0	0.372	0.01	0.07	0.954	1.0	360	0.0	0.0
770	GS0B_050.012de	0.375	0.5	0.5	1.0	0.339	0.008	0.077	0.954	1.0	360	0.0	0.0
771	GS0B_050.025de	0.25	0.5	0.5	1.0	0.306	0.017	0.086	0.954	1.0	360	0.0	0.0
772	GS0B_050.037de	0.125	0.5	0.5	1.0	0.273	0.026	0.095	0.954	1.0	360	0.0	0.0
773	GS0B_050.050de	0.0	0.5	0.5	1.0	0.24	0.035	0.104	0.954	1.0	360	0.0	0.0
774	ROY_100.062de	1.0	0.375	0.375	1.0	0.306	0.044	0.113	0.954	1.0	360	0.0	0.0
775	ROY_087.050de	0.875	0.375	0.375	1.0	0.273	0.033	0.122	0.954	1.0	360	0.0	0.0
776	ROY_075.050de	0.75	0.375	0.375	1.0	0.24	0.022	0.131	0.954	1.0	360	0.0	0.0
777	ROY_062.050de	0.625	0.375	0.375	1.0	0.209	0.011	0.14	0.954	1.0	360	0.0	0.0
778	ROY_050.050de	0.5	0.375	0.375	1.0	0.176	0.001	0.149	0.954	1.0	360	0.0	0.0
779	NW_037de	0.375	0.375	0.375	1.0	0.143	0.008	0.158	0.954	1.0	360	0.0	0.0
780	GS0B_037.012de	0.25	0.375	0.375	1.0	0.11	0.017	0.167	0.954	1.0	360	0.0	0.0
781	GS0B_037.025de	0.125	0.375	0.375	1.0	0.077	0.026	0.176	0.954	1.0	360	0.0	0.0
782	GS0B_037.037de	0.0	0.375	0.375	1.0	0.044	0.035	0.185	0.954	1.0	360	0.0	0.0
783	ROY_100.075de	1.0	0.25	0.25	1.0	0.11	0.044	0.194	0.954	1.0	360	0.0	0.0
784	ROY_087.050de	0.875	0.25	0.25	1.0	0.077	0.033	0.203	0.954	1.0	360	0.0	0.0
785	ROY_075.050de	0.75	0.25	0.25	1.0	0.044	0.022	0.212	0.954	1.0	360	0.0	0.0
786	ROY_062.050de	0.625	0.25	0.25	1.0	0.011	0.011	0.221	0.954	1.0	360	0.0	0.0
787	ROY_050.050de	0.5	0.25	0.25	1.0	0.0	0.0	0.23	0.954	1.0	360	0.0	0.0
788	ROY_037.050de	0.375	0.25	0.25	1.0	0.0	0.0	0.24	0.954	1.0	360	0.0	0.0
789	NW_025de	0.25	0.25	0.25	1.0	0.0	0.0	0.25	0.954	1.0	360	0.0	0.0
790	GS0B_025.012de	0.125	0.25	0.25	1.0	0.0	0.0	0.26	0.954	1.0	360	0.0	0.0
791	GS0B_025.025de	0.0	0.25	0.25	1.0	0.0	0.0	0.27	0.954	1.0	360	0.0	0.0
792	ROY_100.087de	1.0	0.125	0.125	1.0	0.0	0.0	0.28	0.954	1.0	360	0.0	0.0
793	ROY_087.050de	0.875	0.125	0.125	1.0	0.0	0.0	0.29	0.954	1.0	360	0.0	0.0
794	ROY_075.062de	0.75	0.125	0.125	1.0	0.0	0.0	0.3	0.954	1.0	360	0.0	0.0
795	ROY_062.050de	0.625	0.125	0.125	1.0	0.0	0.0	0.31	0.954	1.0	360	0.0	0.0
796	ROY_050.050de	0.5	0.125	0.125	1.0	0.0	0.0	0.32	0.954	1.0	360	0.0	0.0
797	ROY_037.050de	0.375	0.125	0.125	1.0	0.0	0.0	0.33	0.954	1.0	360	0.0	0.0
798	ROY_025.050de	0.25	0.125	0.125	1.0	0.0	0.0	0.34	0.954	1.0	360	0.0	0.0
799	NW_012de	0.125	0.125	0.125	1.0	0.0	0.0	0.35	0.954	1.0	360	0.0	0.0
800	GS0B_012.012de	0.0	0.125	0.125	1.0	0.0	0.0	0.36	0.954	1.0	360	0.0	0.0
801	ROY_100.100de	1.0	0.0	0.0	1.0	0.0	0.0	0.37	0.954	1.0	360	0.0	0.0
802	ROY_087.087de	0.875	0.0	0.0	1.0	0.0	0.0	0.38	0.954	1.0	360	0.0	0.0
803	ROY_075.075de	0.75	0.0	0.0	1.0	0.0	0.0	0.39	0.954	1.0	360	0.0	0.0
804	ROY_062.062de	0.625	0.0	0.0	1.0	0.0	0.0	0.4	0.954	1.0	360	0.0	0.0
805	ROY_050.050de	0.5	0.0	0.0	1.0	0.0	0.0	0.41	0.954	1.0	360	0.0	0.0
806	ROY_037.050de	0.375	0.0	0.0	1.0	0.0	0.0	0.42	0.954	1.0	360	0.0	0.0
807	ROY_025.050de	0.25	0.0	0.0	1.0	0.0	0.0	0.43	0.954	1.0	360	0.0	0.0
808	ROY_012.012de	0.125	0.0	0.0									





http://130.149.60.45/~farbmetrik/QS45/QS45LOFP.PDF /PS; 3D-linealización F: 3D-linealización QS45/QS45LS30FP.DAT en archivo (F), página 30/33

n	HC*File	rgb*File	icc*File	hsb*File	rgbl*File	LabC*File	cmyk*sep*File	rgb*File	hsb*File	LabC*File	delta
810	NW_1000.de	0.875 0.875 1.0	1.0 1.0 1.0	0.0 0.0 0.0	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 0.0	95.4 0.0 0.0	0.0 0.0 0.0
811	BOOR_100.012a.de	0.875 0.875 1.0	1.0 1.0 1.0	0.125 0.937 1.0	0.875 0.921 1.0	88.2 0.1 0.1	0.157 0.075 0.0	0.0 0.0 0.0	360 0.0	95.4 0.0 0.0	0.0 0.0 0.0
812	BOOR_100.025a.de	0.75 0.75 1.0	1.0 1.0 1.0	0.25 0.875 1.0	0.75 0.843 1.0	81.0 0.3 0.3	0.291 0.144 0.0	0.0 0.0 0.0	248 0.0	37.9 1.3 1.3	-45.4 45.4 271.7
813	BOOR_100.037a.de	0.625 0.625 1.0	1.0 1.0 1.0	0.375 0.812 1.0	0.625 0.765 1.0	73.8 0.5 0.5	0.419 0.213 0.0	0.0 0.0 0.0	248 0.0	37.9 1.3 1.3	-45.4 45.4 271.7
814	BOOR_100.050a.de	0.5 0.5 1.0	1.0 1.0 1.0	0.5 0.75 1.0	0.5 0.687 1.0	66.7 0.6 0.6	0.529 0.293 0.0	0.0 0.0 0.0	248 0.0	37.9 1.3 1.3	-45.4 45.4 271.7
815	BOOR_100.062a.de	0.375 0.375 1.0	1.0 1.0 1.0	0.625 0.687 1.0	0.375 0.609 1.0	59.5 0.8 0.8	0.669 0.372 0.0	0.0 0.0 0.0	248 0.0	37.9 1.3 1.3	-45.4 45.4 271.7
816	BOOR_100.075a.de	0.25 0.25 1.0	1.0 1.0 1.0	0.75 0.625 1.0	0.25 0.531 1.0	52.3 1.0 1.0	0.819 0.443 0.0	0.0 0.0 0.0	248 0.0	37.9 1.3 1.3	-45.4 45.4 271.7
817	BOOR_100.087a.de	0.125 0.125 1.0	1.0 1.0 1.0	0.875 0.562 1.0	0.125 0.452 1.0	45.1 1.2 1.2	0.999 0.529 0.0	0.0 0.0 0.0	248 0.0	37.9 1.3 1.3	-45.4 45.4 271.7
818	BOOR_100.100a.de	0.0 0.0 1.0	1.0 1.0 1.0	1.0 0.5 1.0	0.0 0.374 1.0	37.9 1.3 1.3	1.0 0.0 0.0	0.0 0.0 0.0	248 0.0	37.9 1.3 1.3	-45.4 45.4 271.7
819	YOOC_100.012a.de	0.875 0.875 1.0	1.0 1.0 1.0	0.125 0.937 1.0	1.0 0.98 0.875	97.9 -0.4 1.0	0.032 0.147 0.0	0.0 0.0 0.0	360 0.0	1.0 1.0 1.0	95.4 0.0 0.0
820	BOOR_087.012a.de	0.875 0.875 1.0	1.0 1.0 1.0	0.125 0.875 1.0	0.875 0.875 0.875	85.7 0.0 0.0	0.023 0.007 0.0	0.0 0.0 0.0	360 0.0	1.0 1.0 1.0	95.4 0.0 0.0
821	BOOR_087.025a.de	0.75 0.75 1.0	1.0 1.0 1.0	0.25 0.812 1.0	0.75 0.796 0.875	78.5 0.1 0.1	0.161 0.087 0.0	0.0 0.0 0.0	360 0.0	1.0 1.0 1.0	95.4 0.0 0.0
822	BOOR_087.037a.de	0.625 0.625 1.0	1.0 1.0 1.0	0.375 0.75 1.0	0.625 0.718 0.875	71.3 0.3 0.3	0.322 0.171 0.0	0.0 0.0 0.0	248 0.0	37.9 1.3 1.3	-45.4 45.4 271.7
823	BOOR_087.050a.de	0.5 0.5 1.0	1.0 1.0 1.0	0.5 0.687 1.0	0.5 0.64 0.875	64.1 0.5 0.5	0.488 0.261 0.0	0.0 0.0 0.0	248 0.0	37.9 1.3 1.3	-45.4 45.4 271.7
824	BOOR_087.062a.de	0.375 0.375 1.0	1.0 1.0 1.0	0.625 0.625 1.0	0.375 0.562 0.875	56.9 0.6 0.6	0.605 0.346 0.0	0.0 0.0 0.0	248 0.0	37.9 1.3 1.3	-45.4 45.4 271.7
825	BOOR_087.075a.de	0.25 0.25 1.0	1.0 1.0 1.0	0.75 0.562 1.0	0.25 0.484 0.875	49.7 0.8 0.8	0.722 0.436 0.0	0.0 0.0 0.0	248 0.0	37.9 1.3 1.3	-45.4 45.4 271.7
826	BOOR_087.087a.de	0.125 0.125 1.0	1.0 1.0 1.0	0.875 0.5 1.0	0.125 0.406 0.875	42.5 1.0 1.0	0.861 0.52 0.0	0.0 0.0 0.0	248 0.0	37.9 1.3 1.3	-45.4 45.4 271.7
827	BOOR_087.100a.de	0.0 0.0 1.0	1.0 1.0 1.0	1.0 0.375 1.0	0.0 0.327 0.875	35.4 1.2 1.2	0.963 0.595 0.0	0.0 0.0 0.0	248 0.0	37.9 1.3 1.3	-45.4 45.4 271.7
828	YOOC_100.025a.de	0.875 0.875 1.0	1.0 1.0 1.0	0.125 0.875 1.0	1.0 0.96 0.75	92.3 -0.4 1.0	0.052 0.279 0.0	0.0 0.0 0.0	360 0.0	1.0 1.0 1.0	95.4 0.0 0.0
829	YOOC_100.050a.de	0.75 0.75 1.0	1.0 1.0 1.0	0.25 0.812 1.0	0.875 0.855 0.75	84.1 0.0 0.0	0.118 0.064 0.0	0.0 0.0 0.0	360 0.0	1.0 1.0 1.0	95.4 0.0 0.0
830	YOOC_100.075a.de	0.625 0.625 1.0	1.0 1.0 1.0	0.375 0.75 1.0	0.625 0.771 0.75	76.0 0.1 0.1	0.269 0.147 0.0	0.0 0.0 0.0	248 0.0	37.9 1.3 1.3	-45.4 45.4 271.7
831	BOOR_075.012a.de	0.625 0.625 1.0	1.0 1.0 1.0	0.375 0.687 1.0	0.625 0.671 0.75	68.8 0.1 0.1	0.407 0.217 0.0	0.0 0.0 0.0	248 0.0	37.9 1.3 1.3	-45.4 45.4 271.7
832	BOOR_075.025a.de	0.5 0.5 1.0	1.0 1.0 1.0	0.5 0.625 1.0	0.5 0.593 0.75	61.6 0.3 0.3	0.521 0.306 0.0	0.0 0.0 0.0	248 0.0	37.9 1.3 1.3	-45.4 45.4 271.7
833	BOOR_075.037a.de	0.375 0.375 1.0	1.0 1.0 1.0	0.625 0.562 1.0	0.375 0.515 0.75	54.4 0.5 0.5	0.647 0.407 0.0	0.0 0.0 0.0	248 0.0	37.9 1.3 1.3	-45.4 45.4 271.7
834	BOOR_075.050a.de	0.25 0.25 1.0	1.0 1.0 1.0	0.75 0.5 1.0	0.25 0.430 0.75	47.2 0.6 0.6	0.727 0.471 0.0	0.0 0.0 0.0	248 0.0	37.9 1.3 1.3	-45.4 45.4 271.7
835	BOOR_075.062a.de	0.125 0.125 1.0	1.0 1.0 1.0	0.875 0.437 1.0	0.125 0.359 0.75	40.8 0.8 0.8	0.819 0.581 0.0	0.0 0.0 0.0	248 0.0	37.9 1.3 1.3	-45.4 45.4 271.7
836	BOOR_075.075a.de	0.0 0.0 1.0	1.0 1.0 1.0	1.0 0.375 1.0	0.0 0.281 0.75	32.8 1.0 1.0	0.922 0.634 0.0	0.0 0.0 0.0	248 0.0	37.9 1.3 1.3	-45.4 45.4 271.7
837	YOOC_100.037a.de	0.875 0.875 1.0	1.0 1.0 1.0	0.125 0.875 1.0	1.0 0.94 0.625	90.7 -1.3 32.9	0.071 0.397 0.14	0.0 0.0 0.0	360 0.0	1.0 1.0 1.0	95.4 0.0 0.0
838	YOOC_087.025a.de	0.875 0.875 1.0	1.0 1.0 1.0	0.125 0.812 1.0	0.875 0.835 0.625	82.6 -0.8 21.9	0.114 0.361 0.14	0.0 0.0 0.0	360 0.0	1.0 1.0 1.0	95.4 0.0 0.0
839	YOOC_075.012a.de	0.625 0.625 1.0	1.0 1.0 1.0	0.375 0.687 1.0	0.625 0.673 0.625	74.4 -0.4 10.9	0.166 0.076 0.223	0.0 0.0 0.0	248 0.0	37.9 1.3 1.3	-45.4 45.4 271.7
840	YOOC_062.012a.de	0.625 0.625 1.0	1.0 1.0 1.0	0.375 0.625 1.0	0.625 0.625 0.625	66.3 0.0 0.0	0.254 0.143 0.409	0.0 0.0 0.0	248 0.0	37.9 1.3 1.3	-45.4 45.4 271.7
841	BOOR_062.012a.de	0.5 0.5 1.0	1.0 1.0 1.0	0.5 0.625 1.0	0.5 0.546 0.625	59.1 0.1 0.1	0.209 0.115 0.0	0.0 0.0 0.0	248 0.0	37.9 1.3 1.3	-45.4 45.4 271.7
842	BOOR_062.025a.de	0.375 0.375 1.0	1.0 1.0 1.0	0.625 0.562 1.0	0.375 0.468 0.625	51.9 0.3 0.3	0.321 0.209 0.115	0.0 0.0 0.0	248 0.0	37.9 1.3 1.3	-45.4 45.4 271.7
843	BOOR_062.037a.de	0.25 0.25 1.0	1.0 1.0 1.0	0.75 0.5 1.0	0.25 0.39 0.625	44.7 0.5 0.5	0.463 0.37 0.0	0.0 0.0 0.0	248 0.0	37.9 1.3 1.3	-45.4 45.4 271.7
844	BOOR_062.050a.de	0.125 0.125 1.0	1.0 1.0 1.0	0.875 0.437 1.0	0.125 0.312 0.625	37.5 0.6 0.6	0.566 0.477 0.0	0.0 0.0 0.0	248 0.0	37.9 1.3 1.3	-45.4 45.4 271.7
845	BOOR_062.062a.de	0.0 0.0 1.0	1.0 1.0 1.0	1.0 0.375 1.0	0.0 0.234 0.625	30.3 0.8 28.3	0.679 0.566 0.0	0.0 0.0 0.0	248 0.0	37.9 1.3 1.3	-45.4 45.4 271.7
846	YOOC_100.050a.de	0.875 0.875 1.0	1.0 1.0 1.0	0.125 0.875 1.0	1.0 0.92 0.5 0.5	89.2 -1.7 43.9	0.09 0.509 0.0	0.0 0.0 0.0	360 0.0	1.0 1.0 1.0	95.4 0.0 0.0
847	YOOC_087.037a.de	0.875 0.875 1.0	1.0 1.0 1.0	0.125 0.812 1.0	0.875 0.815 0.5 0.5	81.0 -1.3 32.9	0.132 0.081 0.132	0.0 0.0 0.0	360 0.0	1.0 1.0 1.0	95.4 0.0 0.0
848	YOOC_075.025a.de	0.75 0.75 1.0	1.0 1.0 1.0	0.25 0.75 1.0	0.75 0.71 0.5 0.5	72.9 -0.4 10.9	0.145 0.09 0.145	0.0 0.0 0.0	360 0.0	1.0 1.0 1.0	95.4 0.0 0.0
849	YOOC_062.012a.de	0.625 0.625 1.0	1.0 1.0 1.0	0.375 0.625 1.0	0.625 0.605 0.5 0.5	64.7 -0.4 10.9	0.188 0.088 0.254	0.0 0.0 0.0	248 0.0	37.9 1.3 1.3	-45.4 45.4 271.7
850	NW_050a.de	0.5 0.5 1.0	1.0 1.0 1.0	0.5 0.5 1.0	0.5 0.5 0.5 0.5	56.5 0.0 0.0	0.0 0.0 0.0	0.0 0.0 0.0	360 0.0	1.0 1.0 1.0	95.4 0.0 0.0
851	BOOR_050.012a.de	0.375 0.375 1.0	1.0 1.0 1.0	0.625 0.5 1.0	0.375 0.421 0.5 0.5	49.4 0.1 0.1	0.142 0.09 0.142	0.0 0.0 0.0	360 0.0	1.0 1.0 1.0	95.4 0.0 0.0
852	BOOR_050.025a.de	0.25 0.25 1.0	1.0 1.0 1.0	0.75 0.437 1.0	0.249 0.343 0.5 0.5	42.2 0.3 11.3	0.23 0.142 0.23	0.0 0.0 0.0	248 0.0	37.9 1.3 1.3	-45.4 45.4 271.7
853	BOOR_050.037a.de	0.125 0.125 1.0	1.0 1.0 1.0	0.875 0.375 1.0	0.124 0.249 0.343	35.0 0.5 11.3	0.302 0.473 0.302	0.0 0.0 0.0	248 0.0	37.9 1.3 1.3	-45.4 45.4 271.7
854	BOOR_050.050a.de	0.0 0.0 1.0	1.0 1.0 1.0	1.0 0.375 1.0	0.0 0.187 0.5 0.5	27.8 0.6 22.7	0.427 0.609 0.427	0.0 0.0 0.0	248 0.0	37.9 1.3 1.3	-45.4 45.4 271.7
855	YOOC_100.062a.de	0.875 0.875 1.0	1.0 1.0 1.0	0.125 0.875 1.0	1.0 0.901 0.375 0.375	87.6 -2.2 54.8	0.106 0.623 0.0	0.0 0.0 0.0	360 0.0	1.0 1.0 1.0	95.4 0.0 0.0
856	YOOC_087.050a.de	0.875 0.875 1.0	1.0 1.0 1.0	0.125 0.812 1.0	0.875 0.795 0.375 0.375	79.4 -1.7 43.9	0.132 0.081 0.132	0.0 0.0 0.0	360 0.0	1.0 1.0 1.0	95.4 0.0 0.0
857	YOOC_075.037a.de	0.75 0.75 1.0	1.0 1.0 1.0	0.25 0.75 1.0	0.75 0.69 0.375 0.375	71.3 -1.8 21.9	0.16 0.562 0.275	0.0 0.0 0.0	360 0.0	1.0 1.0 1.0	95.4 0.0 0.0
858	YOOC_062.025a.de	0.625 0.625 1.0	1.0 1.0 1.0	0.375 0.625 1.0	0.625 0.585 0.375 0.375	63.1 -0.8 21.9	0.209 0.115 0.209	0.0 0.0 0.0	248 0.0	37.9 1.3 1.3	-45.4 45.4 271.7
859	YOOC_050.012a.de	0.5 0.5 1.0	1.0 1.0 1.0	0.5 0.5 1.0	0.5 0.48 0.375 0.375	45.0 0.0 10.9	0.307 0.563 0.307	0.0 0.0 0.0	248 0.0	37.9 1.3 1.3	-45.4 45.4 271.7
860	NW_037a.de	0.375 0.375 1.0	1.0 1.0 1.0	0.375 0.375 1.0	0.375 0.375 0.375 0.375	46.0 0.0 0.0	0.0 0.0 0.0	0.0 0.0 0.0	360 0.0	1.0 1.0 1.0	95.4 0.0 0.0
861	BOOR_037.012a.de	0.25 0.25 1.0	1.0 1.0 1.0	0.375 0.375 1.0	0.249 0.296 0.375 0.375	39.6 0.1 0.1	0.034 0.018 0.034	0.0 0.0 0.0	360 0.0	1.0 1.0 1.0	95.4 0.0 0.0
862	BOOR_037.025a.de	0.125 0.125 1.0	1.0 1.0 1.0	0.375 0.375 1.0	0.124 0.218 0.375 0.375	32.4 0.3 11.3	0.28 0.185 0.28	0.0 0.0 0.0	248 0.0	37.9 1.3 1.3	-45.4 45.4 271.7
863	BOOR_037.037a.de	0.0 0.0 1.0	1.0 1.0 1.0	1.0 0.375 1.0	0.0 0.14 0.375 0.375	25.2 0.5 17.0	0.563 0.345 0.563	0.0 0.0 0.0	248 0.0	37.9 1.3 1.3	-45.4 45.4 271.7
864	YOOC_100.075a.de	0.875 0.875 1.0	1.0 1.0 1.0	0.125 0.875 1.0	1.0 0.881 0.25 0.25	86.0 -2.6 68.8	0.131 0.081 0.131	0.0 0.0 0.0	360 0.0	1.0 1.0 1.0	95.4 0.0 0.0
865	YOOC_087.062a.de	0.875 0.875 1.0	1.0 1.0 1.0	0.125 0.812 1.0	0.875 0.776 0.25 0.25	77.9 -2.2 54.8	0.157 0.087 0.157	0.0 0.0 0.0	360 0.0	1.0 1.0 1.0	95.4 0.0 0.0
866	YOOC_075.050a.de	0.75 0.75 1.0	1.0 1.0 1.0	0.25 0.75 1.0	0.75 0.695 0.25 0.25	69.7 -1.3 32.9	0.206 0.115 0.206	0.0 0.0 0.0	360 0.0	1.0 1.0 1.0	95.4 0.0 0.0
867	YOOC_062.037a.de	0.625 0.625 1.0	1.0 1.0 1.0	0.375 0.625 1.							





