

Entrada i salida: Offset Reflective System ORS18a for relative CIELAB hue  $h_{ab,a,rel} = h_{ab}/360 = 116/360 = 0.32$

$H^*_ = Y50G_$

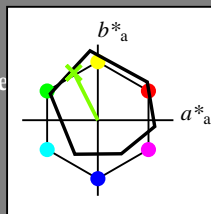
Datos del dispositivo (d) o elemental (e) color:

$HIC^*_$

código de tono para los colores de esta página:

$H^*_ = Y50G_$

triángulo claridad  $T^*$



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

name	$L^*=L^*_a a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$
R <sub>-,Ma</sub>	47.9	65.3	50.5	82.6
Y <sub>-,Ma</sub>	90.3	-10.2	91.7	92.3
G <sub>-,Ma</sub>	50.9	-62.8	34.9	71.9
C <sub>-,Ma</sub>	58.6	-30.3	-45.0	54.2
B <sub>-,Ma</sub>	25.7	31.0	-44.4	54.2
M <sub>-,Ma</sub>	48.1	75.2	-8.3	75.7
N <sub>-,Ma</sub>	18.0	0.0	0.0	0.0
W <sub>-,Ma</sub>	95.4	0.0	0.0	0.0
R <sub>-,CIE</sub>	39.9	58.7	27.9	65.0
Y <sub>-,CIE</sub>	81.2	-2.8	71.5	71.6
G <sub>-,CIE</sub>	52.2	-42.4	13.6	44.5
B <sub>-,CIE</sub>	30.5	1.4	-46.4	46.4

Los datos de color máximo (Ma):

$LabCh^*_{-,Ma}$ : 73 -31 62 70 116

$HIC^*_{-,Ma}$ : Y50G\_100\_100\_

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

0.5 1.0 0.0 1.0 1.0

triángulo claridad  $T^*$

%Gama

$u^*_{rel} = 92$

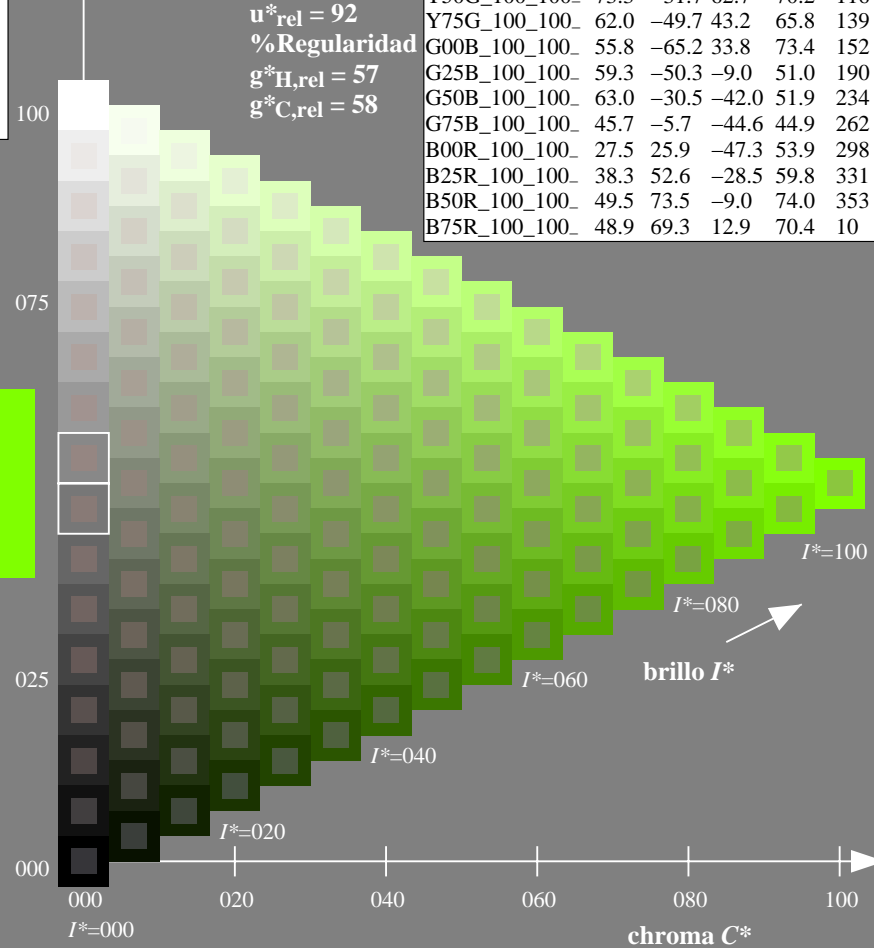
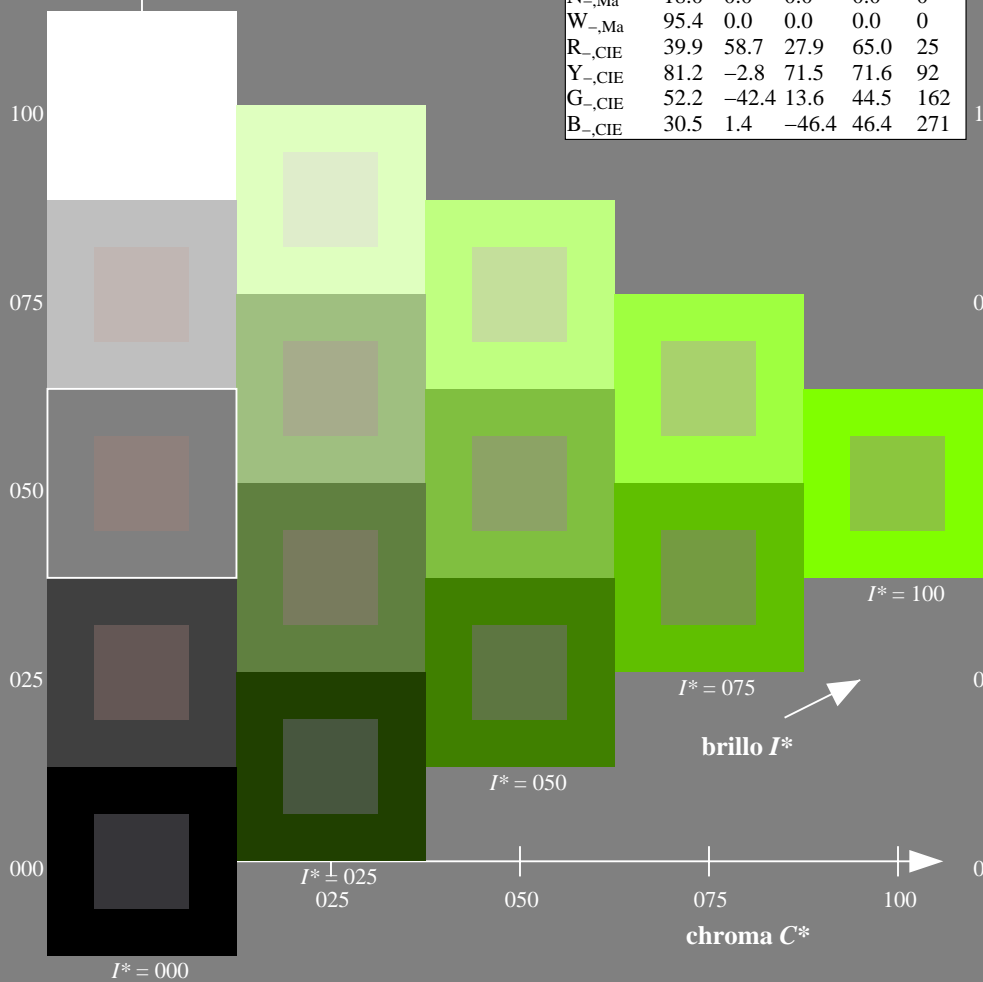
%Regularidad

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

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

**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



vea archivos semejantes: <http://130.149.60.45/~farbmetrik/QS57/QS57.HTM>  
 información técnica: <http://www.ps.bam.de> o <http://130.149.60.45/~farbmetrik>

TUB matrícula: 20130201-QS57/QS57L0NP.PDF /.PS  
 aplicación para la medida salida en la impresión offset

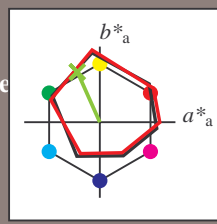
TUB material: code=rh4ta

Entrada i salida: Offset Reflective System ORS18a for relative CIELAB hue  $h_{ab,a,rel} = h_{ab}/360 = 114/360 = 0.31$

$H^*_d = Y50G_d$

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

$HIC^*_d$   
código de tono para los colores  
esta página:  
 $H^*_d = Y50G_d$   
triángulo claridad  $T^*$



ORS20a; datos adaptados CIELAB (a)

name	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$
R <sub>d,Ma</sub>	45.4	70.9	44.8	83.9	32
Y <sub>d,Ma</sub>	87.8	-10.2	95.4	96.0	96
G <sub>d,Ma</sub>	50.0	-65.0	29.6	71.4	155
C <sub>d,Ma</sub>	56.8	-25.5	-41.5	48.7	238
B <sub>d,Ma</sub>	25.0	29.5	-40.4	50.0	306
M <sub>d,Ma</sub>	46.1	79.3	-0.2	79.3	359
N <sub>d,Ma</sub>	24.3	0.0	0.0	0.0	0
W <sub>d,Ma</sub>	95.6	0.0	0.0	0.0	0
R <sub>d,CIE</sub>	39.9	58.7	27.9	65.0	25
Y <sub>d,CIE</sub>	81.2	-2.8	71.5	71.6	92
G <sub>d,CIE</sub>	52.2	-42.4	13.6	44.5	162
B <sub>d,CIE</sub>	30.5	1.4	-46.4	46.4	271

Los datos de color máximo (Ma):

$LabCh^*_{d,Ma}$ : 70 -29 66 72 114

$HIC^*_{d,Ma}$ : Y50G\_100\_100d

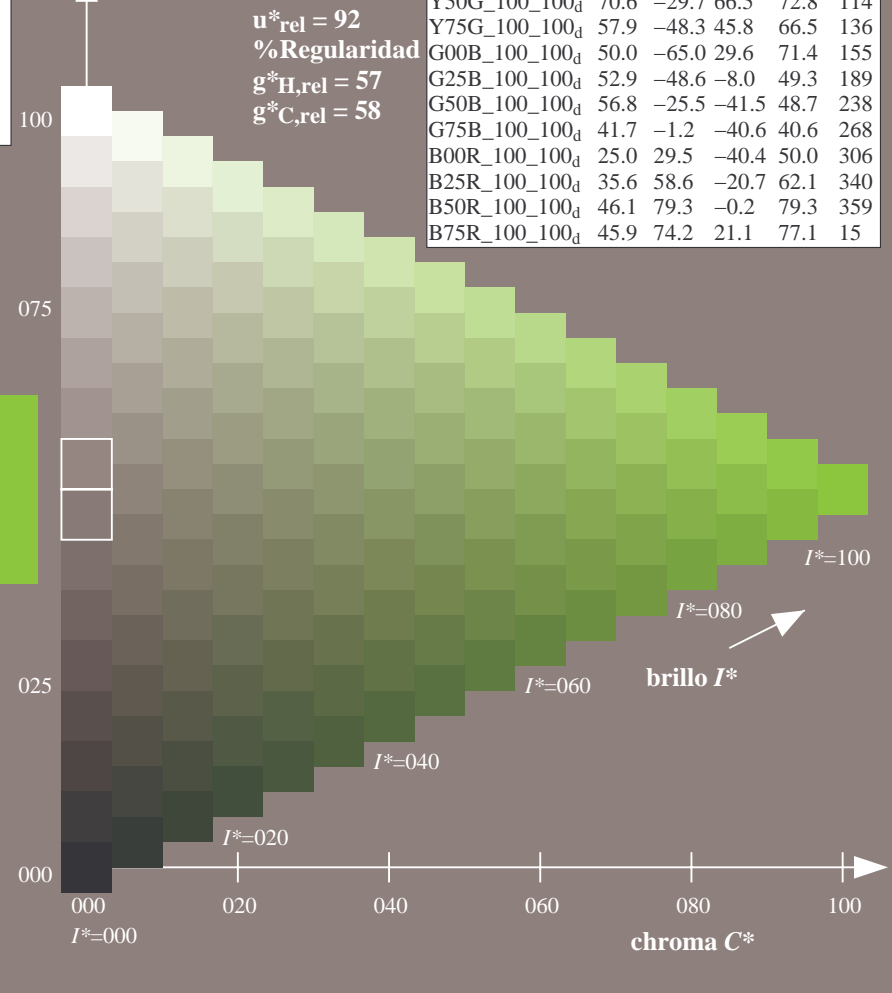
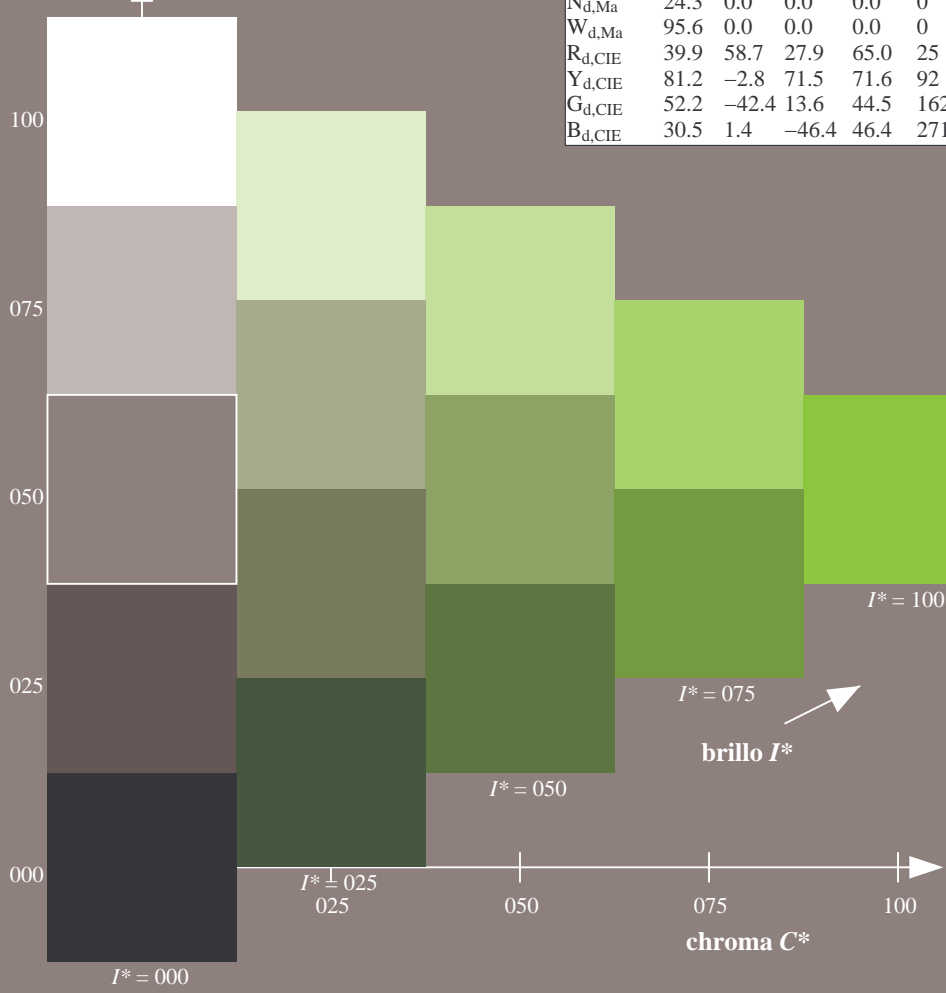
$rgbic^*_{d,Ma}$ :  
0.5 1.0 0.0 1.0 1.0

triángulo claridad  $T^*$

ORS20a; datos adaptados CIELAB (a)

$H^*_d$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$
R00Y_100_100d	45.4	70.9	44.8	83.9	32
R25Y_100_100d	53.0	53.4	54.8	76.5	45
R50Y_100_100d	64.9	28.9	68.6	74.5	67
R75Y_100_100d	78.6	4.3	84.7	84.8	87
Y00G_100_100d	87.8	-10.2	95.4	96.0	96
Y25G_100_100d	81.2	-17.0	84.3	86.0	101
Y50G_100_100d	70.6	-29.7	66.5	72.8	114
Y75G_100_100d	57.9	-48.3	45.8	66.5	136
G00B_100_100d	50.0	-65.0	29.6	71.4	155
G25B_100_100d	52.9	-48.6	-8.0	49.3	189
G50B_100_100d	56.8	-25.5	-41.5	48.7	238
G75B_100_100d	41.7	-1.2	-40.6	40.6	268
B00R_100_100d	25.0	29.5	-40.4	50.0	306
B25R_100_100d	35.6	58.6	-20.7	62.1	340
B50R_100_100d	46.1	79.3	-0.2	79.3	359
B75R_100_100d	45.9	74.2	21.1	77.1	15

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



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TUB matrícula: 20130201-QS57/QS57L0NP.PDF /.PS  
aplicación para la medida salida en la impresión offset, separación cmy0 (CMY0)  
TUB material: code=rh4ta

gráfico TUB-QS57; código de tono:  $H^*_d=Y50G_d$   
gráfico según a DIN 33872, 3D=0, de=0,  $cmy0$

entrada:  $rgb/cmyk \rightarrow rgb_d$   
salida: transfiera a  $cmy0_d$

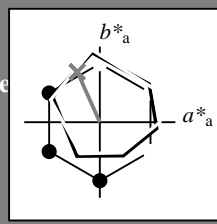


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$H^*_d = Y50G_d$

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

$HIC^*_d$   
código de tono para los colores  
esta página:  
 $H^*_d = Y50G_d$   
triángulo claridad  $T^*$



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

name	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$
R <sub>d,Ma</sub>	45.4	70.9	44.8	83.9	32
Y <sub>d,Ma</sub>	87.8	-10.2	95.4	96.0	96
G <sub>d,Ma</sub>	50.0	-65.0	29.6	71.4	155
C <sub>d,Ma</sub>	56.8	-25.5	-41.5	48.7	238
B <sub>d,Ma</sub>	25.0	29.5	-40.4	50.0	306
M <sub>d,Ma</sub>	46.1	79.3	-0.2	79.3	359
N <sub>d,Ma</sub>	24.3	0.0	0.0	0.0	0
W <sub>d,Ma</sub>	95.6	0.0	0.0	0.0	0
R <sub>d,CIE</sub>	39.9	58.7	27.9	65.0	25
Y <sub>d,CIE</sub>	81.2	-2.8	71.5	71.6	92
G <sub>d,CIE</sub>	52.2	-42.4	13.6	44.5	162
B <sub>d,CIE</sub>	30.5	1.4	-46.4	46.4	271

Los datos de color máximo (Ma):

$LabCh^*_{d,Ma}$ : 70 -29 66 72 114

$HIC^*_{d,Ma}$ : Y50G\_100\_100d

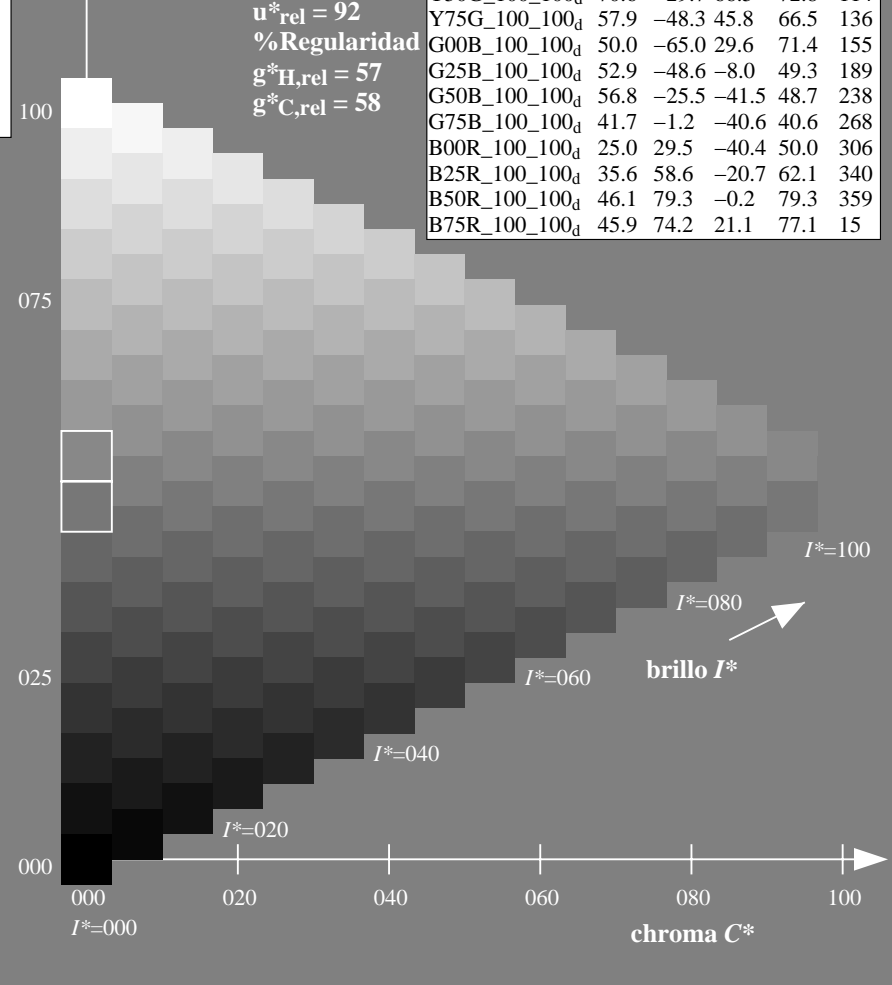
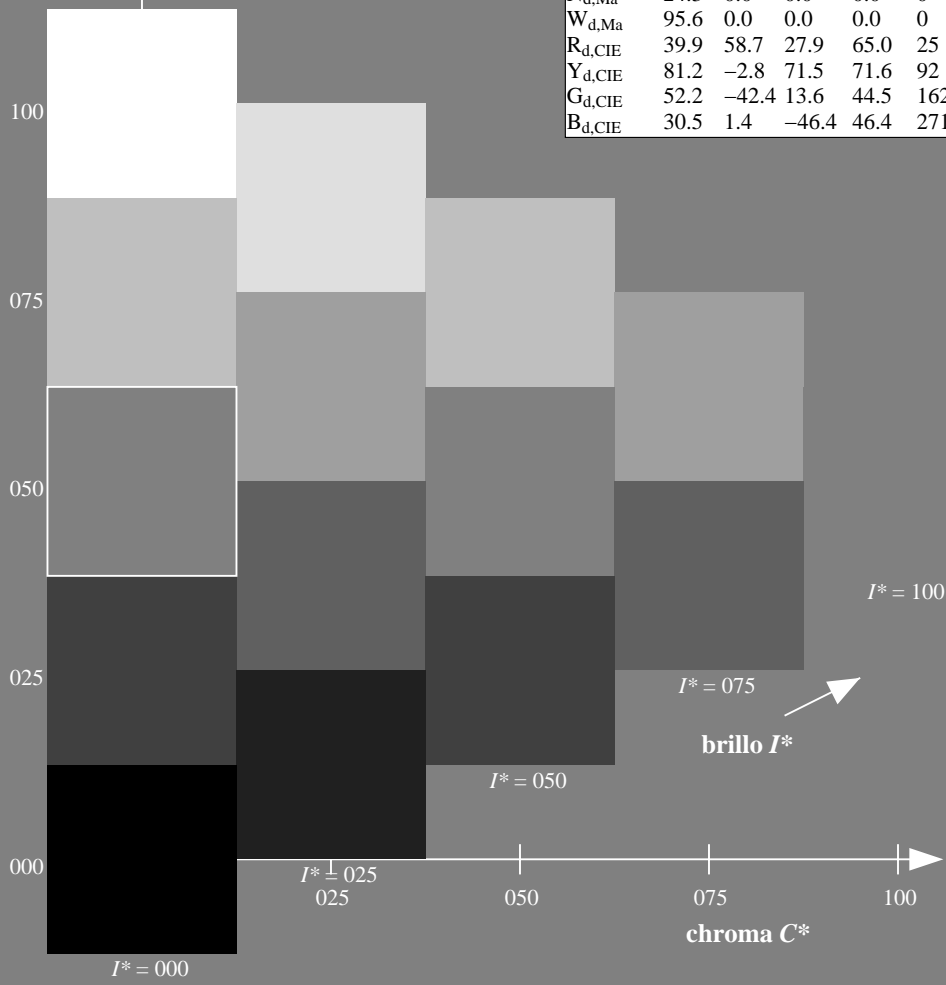
$rgbic^*_{d,Ma}$ :  
0.5 1.0 0.0 1.0 1.0

triángulo claridad  $T^*$

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

$H^*_d$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$
R00Y_100_100 <sub>d</sub>	45.4	70.9	44.8	83.9	32
R25Y_100_100 <sub>d</sub>	53.0	53.4	54.8	76.5	45
R50Y_100_100 <sub>d</sub>	64.9	28.9	68.6	74.5	67
R75Y_100_100 <sub>d</sub>	78.6	4.3	84.7	84.8	87
Y00G_100_100 <sub>d</sub>	87.8	-10.2	95.4	96.0	96
Y25G_100_100 <sub>d</sub>	81.2	-17.0	84.3	86.0	101
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Y75G_100_100 <sub>d</sub>	57.9	-48.3	45.8	66.5	136
G00B_100_100 <sub>d</sub>	50.0	-65.0	29.6	71.4	155
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B50R_100_100 <sub>d</sub>	46.1	79.3	-0.2	79.3	359
B75R_100_100 <sub>d</sub>	45.9	74.2	21.1	77.1	15

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



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TUB material: code=rh4ta

gráfico TUB-QS57; código de tono:  $H^*_d = Y50G_d$   
gráfico según a DIN 33872, 3D=0, de=0,  $cmy0$

entrada:  $rgb/cmyk \rightarrow rgb_d$   
salida: transfiera a  $cmy0_d$

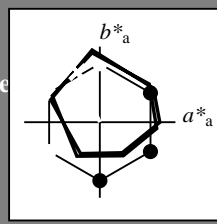


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$H^*_d = Y50G_d$

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código de tono para los colores  
esta página:  
 $H^*_d = Y50G_d$   
triángulo claridad  $T^*$



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

name	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$
R <sub>d, Ma</sub>	45.4	70.9	44.8	83.9	32
Y <sub>d, Ma</sub>	87.8	-10.2	95.4	96.0	96
G <sub>d, Ma</sub>	50.0	-65.0	29.6	71.4	155
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N <sub>d, Ma</sub>	24.3	0.0	0.0	0.0	0
W <sub>d, Ma</sub>	95.6	0.0	0.0	0.0	0
R <sub>d, CIE</sub>	39.9	58.7	27.9	65.0	25
Y <sub>d, CIE</sub>	81.2	-2.8	71.5	71.6	92
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Los datos de color máximo (Ma):

$LabCh^*_d, Ma$ : 70 -29 66 72 114

$HIC^*_d, Ma$ : Y50G\_100\_100d

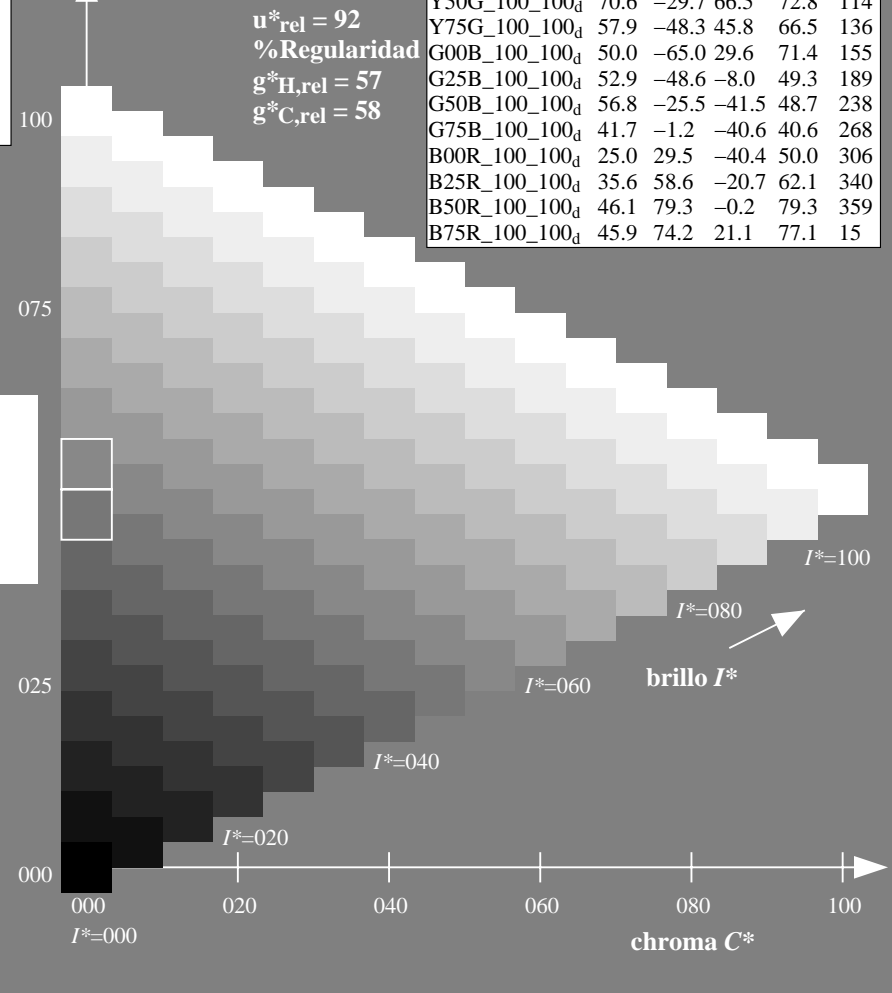
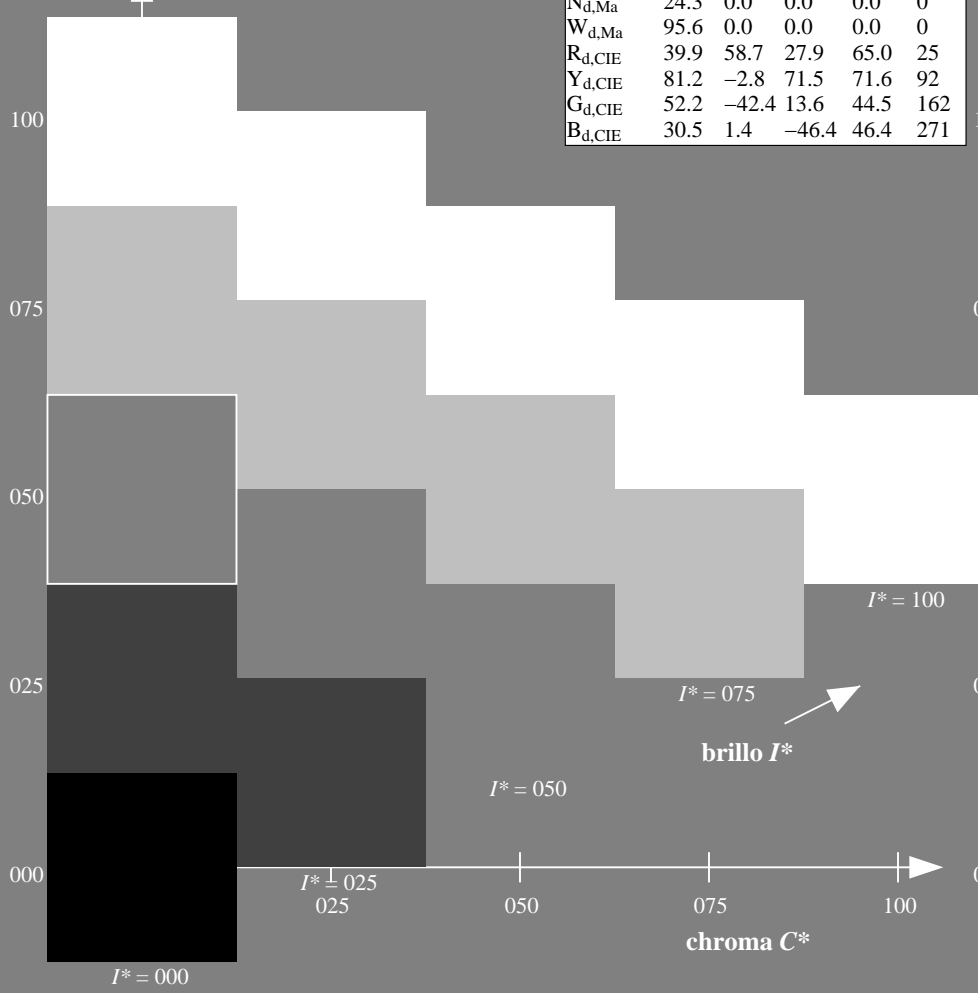
$rgbic^*_d, Ma$ :  
0.5 1.0 0.0 1.0 1.0

triángulo claridad  $T^*$

%Gama  
 $u^*_{rel} = 92$   
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 $g^*_{H,rel} = 57$   
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**ORS20a; datos adaptados CIELAB (a)**

$H^*_d$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$
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aplicación para la medida salida en la impresión offset, separación cmy0 (CMY0)  
TUB material: code=rh4ta

gráfico TUB-QS57; código de tono:  $H^*_d = Y50G_d$   
gráfico según a DIN 33872, 3D=0, de=0,  $cmy_0$

entrada:  $rgb/cmyk \rightarrow rgb_d$   
salida: transfiera a  $cmy_0_d$

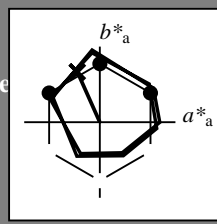


Entrada i salida: Offset Reflective System ORS18a for relative CIELAB hue  $h_{ab,a,rel} = h_{ab}/360 = 114/360 = 0.31$

$H^*_d = Y50G_d$

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

$HIC^*_d$   
código de tono para los colores de esta página:  
 $H^*_d = Y50G_d$   
triángulo claridad  $T^*$



ORS20a; datos adaptados CIELAB (a)

name	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$
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M <sub>d, Ma</sub>	46.1	79.3	-0.2	79.3	359
N <sub>d, Ma</sub>	24.3	0.0	0.0	0.0	0
W <sub>d, Ma</sub>	95.6	0.0	0.0	0.0	0
R <sub>d, CIE</sub>	39.9	58.7	27.9	65.0	25
Y <sub>d, CIE</sub>	81.2	-2.8	71.5	71.6	92
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B <sub>d, CIE</sub>	30.5	1.4	-46.4	46.4	271

Los datos de color máximo (Ma):

$LabCh^*_{d, Ma}: 70 \ -29 \ 66 \ 72 \ 114$

$HIC^*_{d, Ma}: Y50G\_100\_100_d$

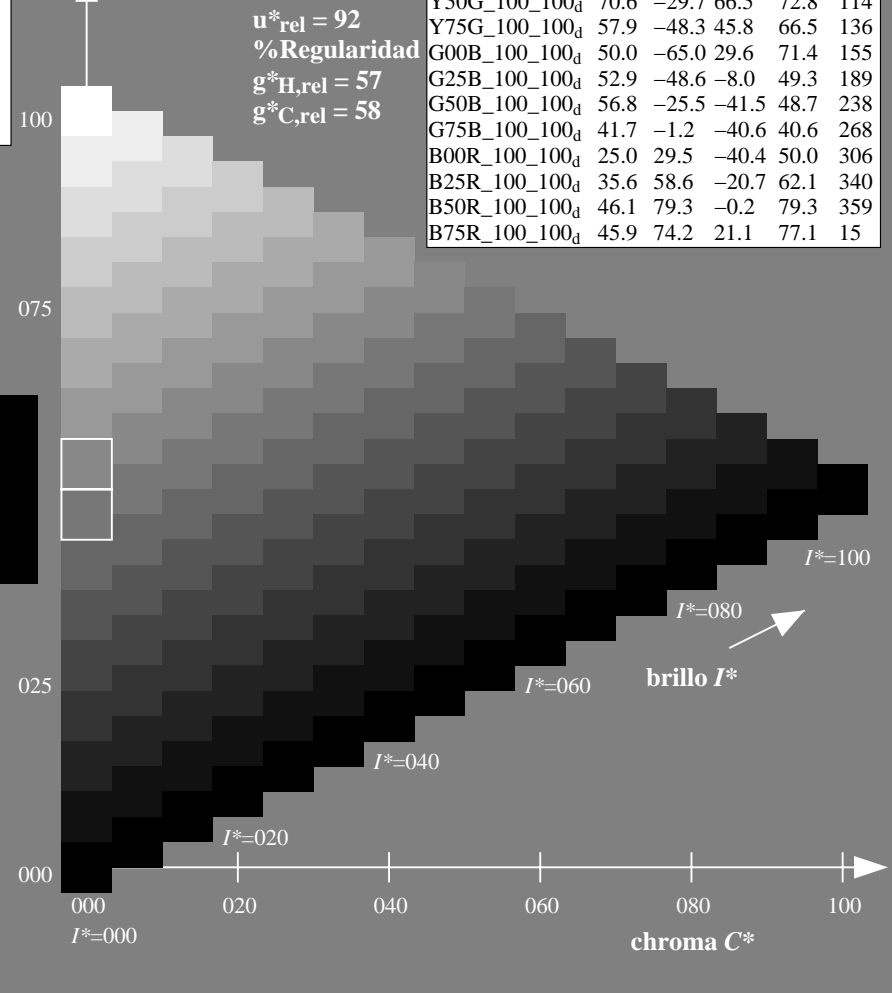
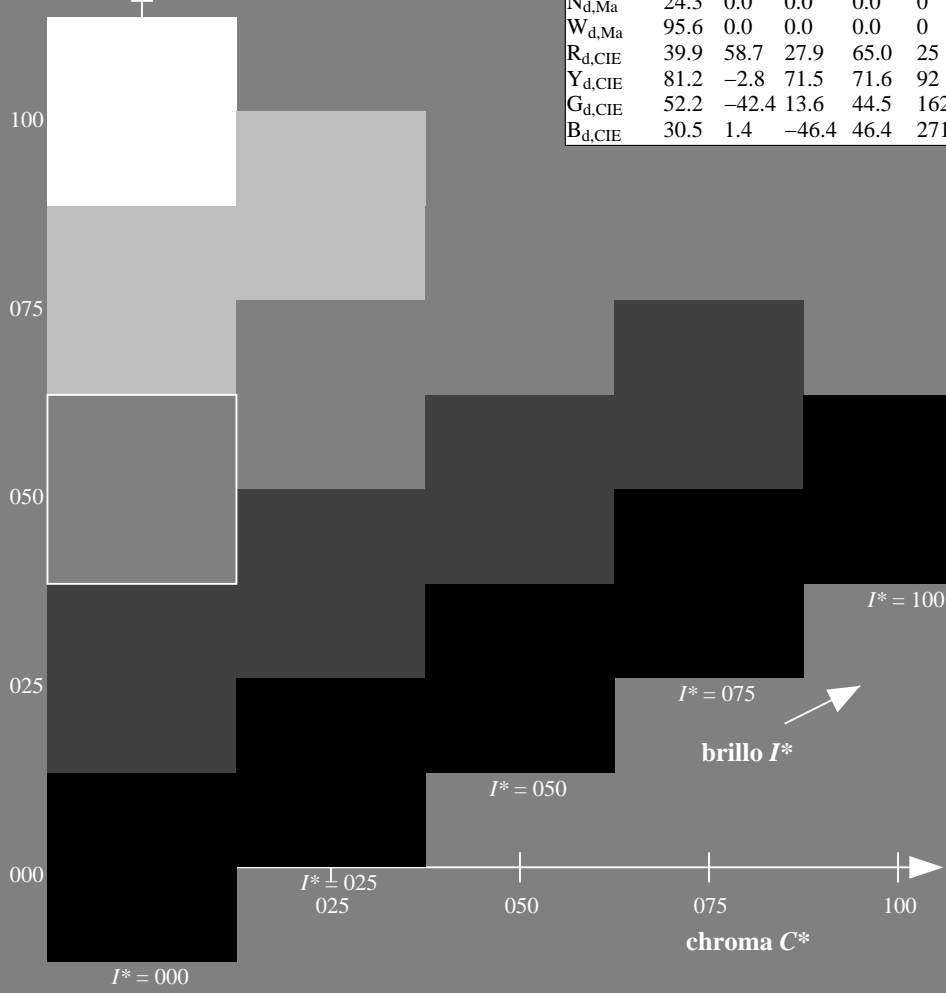
$rgbic^*_{d, Ma}: 0.5 \ 1.0 \ 0.0 \ 1.0 \ 1.0$

triángulo claridad  $T^*$

ORS20a; datos adaptados CIELAB (a)

$H^*_d$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$
R00Y_100_100 <sub>d</sub>	45.4	70.9	44.8	83.9	32
R25Y_100_100 <sub>d</sub>	53.0	53.4	54.8	76.5	45
R50Y_100_100 <sub>d</sub>	64.9	28.9	68.6	74.5	67
R75Y_100_100 <sub>d</sub>	78.6	4.3	84.7	84.8	87
Y00G_100_100 <sub>d</sub>	87.8	-10.2	95.4	96.0	96
Y25G_100_100 <sub>d</sub>	81.2	-17.0	84.3	86.0	101
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G50B_100_100 <sub>d</sub>	56.8	-25.5	-41.5	48.7	238
G75B_100_100 <sub>d</sub>	41.7	-1.2	-40.6	40.6	268
B00R_100_100 <sub>d</sub>	25.0	29.5	-40.4	50.0	306
B25R_100_100 <sub>d</sub>	35.6	58.6	-20.7	62.1	340
B50R_100_100 <sub>d</sub>	46.1	79.3	-0.2	79.3	359
B75R_100_100 <sub>d</sub>	45.9	74.2	21.1	77.1	15

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



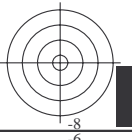
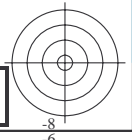
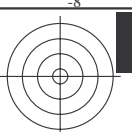
vea archivos semejantes: <http://130.149.60.45/~farbmetrik/QS57/QS57.HTM>  
información técnica: <http://www.ps.bam.de> o <http://130.149.60.45/~farbmetrik>

TUB matrícula: 20130201-QS57/QS57L0NP.PDF /.PS  
aplicación para la medida salida en la impresión offset, separación cmy0 (CMY0)  
TUB material: code=rh4ta

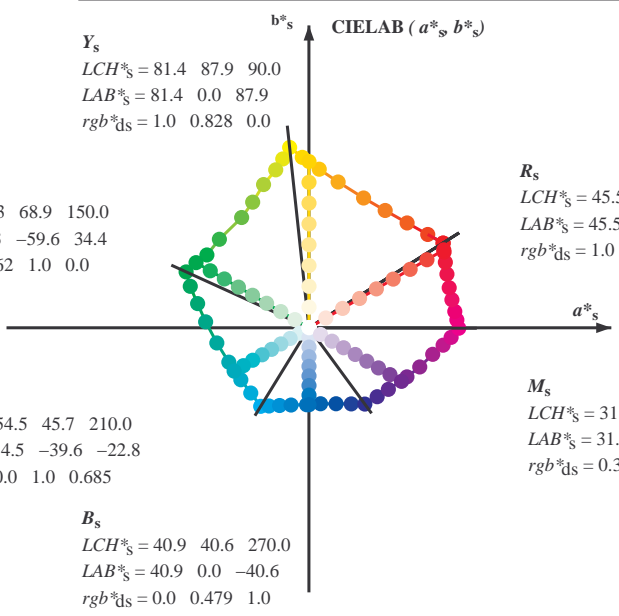
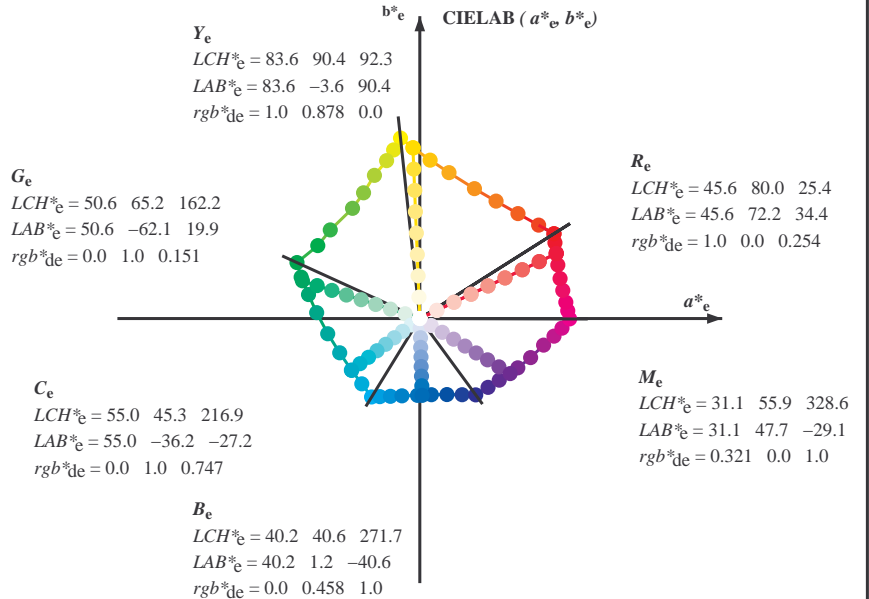
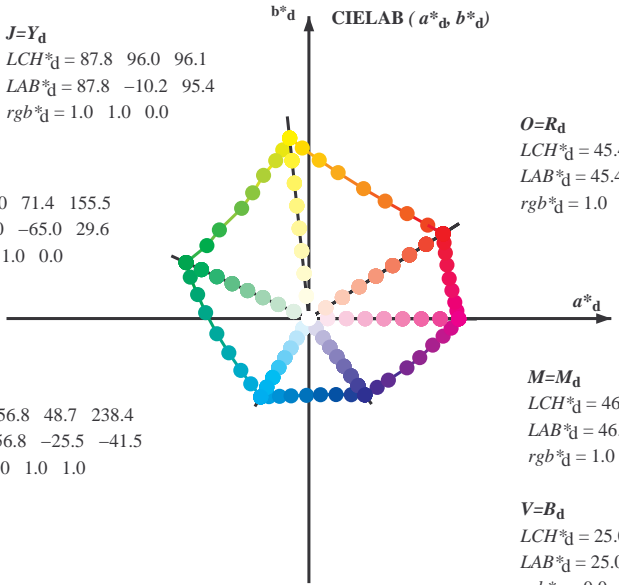
gráfico TUB-QS57; código de tono:  $H^*_d = Y50G_d$   
gráfico según a DIN 33872, 3D=0, de=0,  $cmy0$

entrada:  $rgb/cmyk \rightarrow rgb_d$   
salida: transfiera a  $cmy0_d$





Data of Maximum color M in colorimetric system Offset standard print; separation cmy0\*, D65 for input or output; Six hue angles of the 60 degree standard colours RYGCBS:  $h_{ab,ds} = 30.0, 90.0, 150.0, 210.0, 270.0, 330.0$ ;  
Six hue angles of the device colours RYGCBS:  $h_{ab,d} = 32.3, 96.1, 155.5, 238.4, 306.2, 359.8$ ; Six hue angles of the elementary colours RYGCBS:  $h_{ab,e} = 25.5, 92.3, 162.2, 217.0, 271.7, 328.6$



$(a^*_d, b^*_d), (a^*_s, b^*_s), (a^*_e, b^*_e)$   
 $rgb^*_d, LCH^*_d, LAB^*_d$   
 $h_{ab,s}, rgb^*_s$   
 $h_{ab,s} = atan [ r^*_d \ cos(30) + g^*_d \ cos(150) ] / [ r^*_d \ sin(30) + g^*_d \ sin(150) + b^*_d \ sin(270) ]$  (1)  
 $h_{ab,s}$   
 $s: h_{ab,s} = 30.0, 90.0, 150.0, 210.0, 270.0, 330.0, 390.0 (i=0,6)$   
 $h_{48ab,sij} = h_{ab,si} + j [h_{ab,si+1} - h_{ab,si}] / 8 (i = 0, 1, \dots, 5; j = 0, 1, \dots, 7)$  (2)  
 $h_{360ab,sij} = h_{ab,si} + j [h_{ab,si+1} - h_{ab,si}] / 60 (i = 0, 1, \dots, 5; j = 0, 1, \dots, 59)$  (3)  
 $h_{ab,e}$   
 $e: h_{ab,e} = 25.5, 92.3, 162.2, 217.0, 271.7, 328.6, 385.5 (i=0,6)$   
 $h_{48ab,eij} = h_{ab,ei} + j [h_{ab,ei+1} - h_{ab,ei}] / 8 (i = 0, 1, \dots, 5; j = 0, 1, \dots, 7)$  (4)  
 $h_{360ab,eij} = h_{ab,ei} + j [h_{ab,ei+1} - h_{ab,ei}] / 60 (i = 0, 1, \dots, 5; j = 0, 1, \dots, 59)$  (5)  
 $h_{ab}, h_{ab,d}$   
 $rgb^*_{de}$

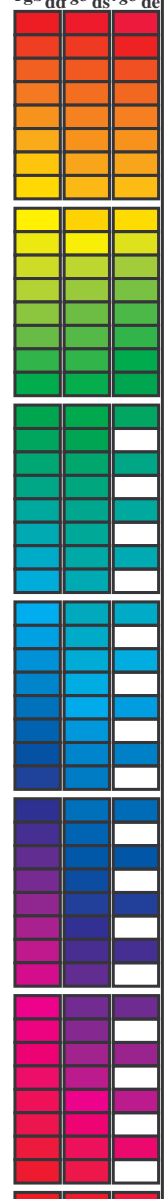
vea archivos semejantes: http://130.149.60.45/~farbmetrik/QS57/QS57.HTM  
información técnica: http://www.ps.bam.de o http://130.149.60.45/~farbmetrik

TUB matrícula: 20130201-QS57/QS57L0NP.PDF /.PS  
aplicación para la medida salida en la impresión offset, separación cmy0 (CMY0)  
TUB material: code=rh4ta



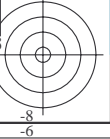
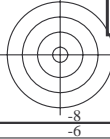
Data of Maximum color M in colorimetric system Offset standard print; separation cmy0\*; D65 for input or output; Six hue angles of the 60 degree standard colours RYGBM<sub>s</sub>: h<sub>ab,ds</sub> = 30.0, 90.0, 150.0, 210.0, 270.0, 330.0;  
Six hue angles of the device colours RYGBCM<sub>d</sub>: h<sub>ab,d</sub> = 32.3, 96.1, 155.5, 238.4, 306.2, 359.8; 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 15 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>64M</sub>, LAB\*<sub>ddx64M</sub> (x=LabCh), r<sub>gb</sub><sup>b</sup>, d<sub>361M</sub>, LAB\*<sub>ddx361M</sub> (x=LabCh), r<sub>gb</sub><sup>c</sup>, d<sub>361M</sub>, LAB\*<sub>dsx361M</sub> (x=LabCh), r<sub>gb</sub><sup>d</sup>, d<sub>361M</sub>, LAB\*<sub>dex361M</sub> (x=LabCh), r<sub>gb</sub><sup>e</sup>, d<sub>361M</sub>, LAB\*<sub>dex361M</sub> (x=LabCh). Rows contain numerical data for various color patches.



vea archivos semejantes: http://130.149.60.45/~farbmetrik/QS57/QS57.HTM  
información técnica: http://www.ps.bam.de o http://130.149.60.45/~farbmetrik

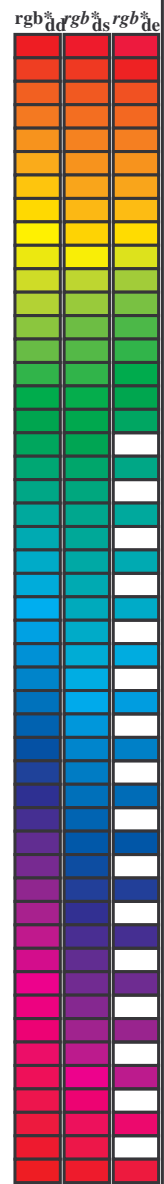
TUB matrícula: 20130201-QS57/QS57L0NP.PDF /.PS  
aplicación para la medida salida en la impresión offset, separación cmy0 (CMY0)  
TUB material: code=rh4tra





Data of Maximum color M in colorimetric system Offset standard print; separation cmy0\*, D65 for input or output; Six hue angles of the 60 degree standard colours RYGBM<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> = 32.3, 96.1, 155.5, 238.4, 306.2, 359.8; 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
32.3	30.0	25.4	1.0 0.0 0.0	45.4 70.9 44.8 83.9 32.3	1.0 0.0 0.255	45.7 72.2 34.4 80.0 25
38.1	37.5	33.8	1.0 0.125 0.0	48.9 62.8 49.4 79.9 38.1	1.0 0.021 0.0	46.0 69.6 45.7 83.3 33
46.8	45.0	42.1	1.0 0.25 0.0	53.6 51.9 55.5 76.0 46.8	1.0 0.183 0.0	51.1 57.9 52.5 78.1 42
56.9	52.5	50.5	1.0 0.375 0.0	59.1 40.3 62.0 74.0 56.9	1.0 0.288 0.0	55.4 48.5 57.8 75.4 49
67.1	60.0	58.8	1.0 0.5 0.0	64.9 28.9 68.6 74.5 67.1	1.0 0.398 0.0	60.3 38.3 63.5 74.1 58
78.6	67.5	67.2	1.0 0.625 0.0	72.1 15.4 77.1 78.6 78.6	1.0 0.494 0.0	64.6 29.5 68.4 74.5 66
86.2	75.0	75.6	1.0 0.75 0.0	77.9 5.4 83.8 84.0 86.2	1.0 0.592 0.0	70.2 19.3 75.2 77.6 75
92.1	82.5	83.9	1.0 0.875 0.0	83.4 -3.4 90.2 90.2 92.1	1.0 0.703 0.0	75.8 9.4 81.5 82.0 83
96.1	90.0	92.3	1.0 1.0 0.0	87.8 -10.2 95.4 96.0 96.1	1.0 0.879 0.0	83.6 -3.6 90.4 90.5 92
98.8	97.5	101.0	0.875 1.0 0.0	84.3 -13.9 89.2 90.3 98.8	0.807 1.0 0.0	82.4 -15.8 86.2 87.7 100
101.8	105.0	109.7	0.75 1.0 0.0	80.7 -17.5 83.5 85.3 101.8	0.583 1.0 0.0	73.7 -26.1 72.7 77.3 109
107.6	112.5	118.5	0.625 1.0 0.0	75.3 -24.0 75.7 79.4 107.6	0.434 1.0 0.0	68.0 -32.9 62.2 70.5 117
114.0	120.0	127.2	0.5 1.0 0.0	70.6 -29.7 66.5 72.8 114.0	0.322 1.0 0.0	62.6 -40.8 53.8 67.6 127
121.4	127.5	136.0	0.375 1.0 0.0	65.7 -35.6 58.3 68.3 121.4	0.249 1.0 0.0	58.4 -47.4 46.8 66.6 135
135.3	135.0	144.7	0.25 1.0 0.0	58.4 -47.3 46.8 66.6 135.3	0.122 1.0 0.0	54.6 -54.2 38.4 66.5 144
144.4	142.5	153.4	0.125 1.0 0.0	54.7 -53.9 38.5 66.3 144.4	0.03 1.0 0.0	51.2 -62.4 32.0 70.2 152
155.5	150.0	162.2	0.0 1.0 0.0	50.0 -65.0 29.6 71.4 155.5	0.0 1.0 0.151	50.7 -62.0 19.9 65.2 162
160.7	157.5	169.0	0.0 1.0 0.125	50.5 -62.8 21.9 66.5 160.7	0.0 1.0 0.261	51.3 -58.5 11.8 59.8 168
167.7	165.0	175.9	0.0 1.0 0.25	51.2 -58.9 12.7 60.3 167.7	0.0 1.0 0.364	52.0 -55.0 3.9 55.2 175
176.7	172.5	182.7	0.0 1.0 0.375	52.0 -54.5 3.1 54.6 176.7	0.0 1.0 0.43	52.5 -52.2 -2.0 52.3 182
189.3	180.0	189.6	0.0 1.0 0.5	52.9 -48.6 -8.0 49.3 189.3	0.0 1.0 0.502	53.0 -48.5 -8.1 49.3 189
203.2	187.5	196.4	0.0 1.0 0.625	54.0 -42.3 -18.1 46.1 203.2	0.0 1.0 0.56	53.5 -45.9 -13.1 47.8 195
217.2	195.0	203.2	0.0 1.0 0.75	55.0 -36.0 -27.4 45.3 217.2	0.0 1.0 0.626	54.1 -42.3 -18.1 46.1 203
228.3	202.5	210.1	0.0 1.0 0.875	55.8 -30.7 -34.5 46.2 228.3	0.0 1.0 0.682	54.5 -39.6 -22.6 45.7 209
238.4	210.0	216.9	0.0 1.0 1.0	56.8 -25.5 -41.5 48.7 238.4	0.0 1.0 0.747	55.0 -36.1 -27.2 45.3 216
242.9	217.5	223.8	0.0 0.875 1.0	54.1 -21.1 -41.3 46.4 242.9	0.0 1.0 0.819	55.5 -33.2 -31.3 45.8 223
249.3	225.0	230.6	0.0 0.75 1.0	50.4 -15.5 -41.1 43.9 249.3	0.0 1.0 0.904	56.1 -29.6 -36.1 46.8 230
256.9	232.5	237.5	0.0 0.625 1.0	46.5 -9.4 -40.8 41.9 256.9	0.0 1.0 0.983	56.7 -26.2 -40.5 48.4 237
268.2	240.0	244.3	0.0 0.5 1.0	41.7 -1.2 -40.6 40.6 268.2	0.0 0.847 1.0	53.3 -19.8 -41.3 45.9 244
278.6	247.5	251.2	0.0 0.375 1.0	37.3 6.1 -40.2 40.7 278.6	0.0 0.726 1.0	49.7 -14.3 -41.1 43.6 250
289.6	255.0	258.0	0.0 0.25 1.0	32.8 14.3 -40.2 42.7 289.6	0.0 0.613 1.0	46.1 -8.6 -40.8 41.9 258
299.0	262.5	264.8	0.0 0.125 1.0	28.6 22.4 -40.2 46.1 299.0	0.0 0.542 1.0	43.4 -3.9 -40.8 41.1 264
306.2	270.0	271.7	0.0 0.0 1.0	25.0 29.5 -40.4 50.0 306.2	0.0 0.458 1.0	40.3 1.2 -40.6 40.7 271
314.7	277.5	278.8	0.125 0.0 1.0	27.9 36.0 -36.4 51.2 314.7	0.0 0.378 1.0	37.5 5.9 -40.2 40.7 278
322.1	285.0	285.9	0.25 0.0 1.0	28.8 41.9 -32.5 53.1 322.1	0.0 0.292 1.0	34.4 11.6 -40.3 42.0 285
333.3	292.5	293.0	0.375 0.0 1.0	32.7 51.8 -26.0 58.0 333.3	0.0 0.211 1.0	31.5 16.8 -40.3 43.8 292
340.5	300.0	300.1	0.5 0.0 1.0	35.6 58.6 -20.7 62.1 340.5	0.0 0.106 1.0	28.1 23.5 -40.3 46.7 300
347.9	307.5	307.2	0.625 0.0 1.0	38.1 65.4 -14.0 66.9 347.9	0.0 0.009 0.0	25.3 30.1 -40.1 50.2 306
352.5	315.0	314.3	0.75 0.0 1.0	41.8 71.0 -9.2 71.6 352.5	0.0 0.12 0.0	27.8 35.8 -36.5 51.2 314
356.1	322.5	321.4	0.875 0.0 1.0	44.2 75.2 -5.0 75.3 356.1	0.0 0.231 0.0	28.7 41.1 -33.2 52.9 321
359.8	330.0	328.6	1.0 0.0 1.0	46.1 79.3 -0.2 79.3 359.8	0.0 0.322 0.0	31.1 47.8 -29.1 56.0 328
363.0	337.5	335.7	1.0 0.0 0.875	45.9 78.2 4.1 78.3 363.0	0.0 0.408 0.0	33.5 53.7 -24.7 59.1 335
366.4	345.0	342.8	1.0 0.0 0.75	45.9 77.1 8.6 77.6 366.4	0.0 0.539 0.0	36.4 60.8 -18.7 63.7 342
371.1	352.5	349.9	1.0 0.0 0.625	46.0 75.6 14.8 77.0 371.1	0.0 0.667 0.0	39.3 67.4 -12.4 68.5 349
375.9	360.0	357.0	1.0 0.0 0.5	45.9 74.2 21.1 77.1 375.9	0.0 0.736 0.0	41.4 70.5 -9.7 71.1 352
381.2	367.5	364.1	1.0 0.0 0.375	45.8 72.9 28.3 78.3 381.2	0.0 0.81 0.0	46.1 79.3 -0.1 79.3 359
385.6	375.0	371.2	1.0 0.0 0.25	45.6 72.1 34.6 80.0 385.6	0.0 0.887 0.0	46.0 76.5 11.8 77.4 368
389.3	382.5	378.3	1.0 0.0 0.125	45.5 71.4 40.1 81.9 389.3	0.0 0.967 0.0	45.9 74.1 22.0 77.3 376
392.3	390.0	385.4	1.0 0.0 0.0	45.4 70.9 44.8 83.9 392.3	1.0 0.0 0.255	45.7 72.2 34.4 80.0 385



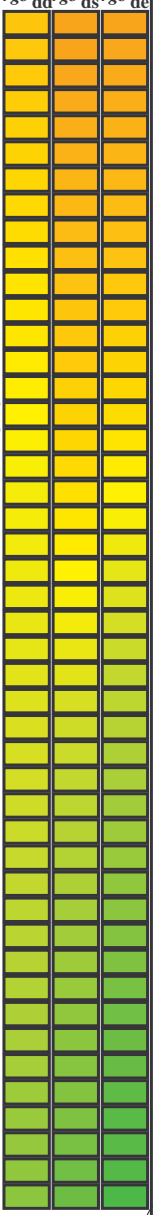
vea archivos semejantes: <http://130.149.60.45/~farbmetrik/QS57/QS57L0NP.PDF> / .PS  
información técnica: <http://www.ps.bam.de> o <http://130.149.60.45/~farbmetrik>

TUB matrícula: 20130201-QS57/QS57L0NP.PDF / .PS  
aplicación para la medida salida en la impresión offset, separación cmy0 (CMY0)  
TUB material: code=rh4ta



Data of Maximum color M in colorimetric system Offset standard print; separation cmy0\*; D65 for input or output; Six hue angles of the 60 degree standard colours RYGBM<sub>s</sub>:  $h_{ab,ds} = 30.0, 90.0, 150.0, 210.0, 270.0, 330.0$ ;  
Six hue angles of the device colours RYGBM<sub>d</sub>:  $h_{ab,d} = 32.3, 96.1, 155.5, 238.4, 306.2, 359.8$ ; Six hue angles of the elementary colours RYGBM<sub>e</sub>:  $h_{abe} = 25.5, 92.3, 162.2, 217.0, 271.7, 328.6$

Table with 14 columns: h\_ab,d, h\_ab,s, h\_ab,e, rgb\*\_dd361M, LAB\*\_ddx361Mi (x=LabCh), rgb\*\_ds361Mi, LAB\*\_dsx361Mi (x=LabCh), Y\_d, rgb\*\_dd361Mi, LAB\*\_de361Mi, dex361Mi (x=LabCh), Y\_e, rgb\*\_dd361Mi, rgb\*\_dd, rgb\*\_ds, rgb\*\_de. Rows 86-114.



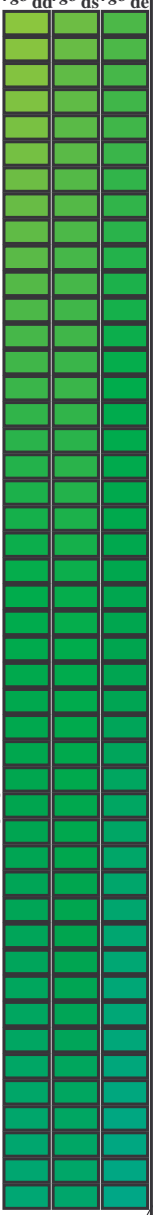
TUB matrícula: 20130201-QS57/QS57L0NP.PDF /.PS  
aplicación para la medida salida en la impresión offset, separación cmy0 (CMY0)

vea archivos semejantes: http://130.149.60.45/~farbmetrik/QS57/QS57.HTM  
información técnica: http://www.ps.bam.de o http://130.149.60.45/~farbmetrik



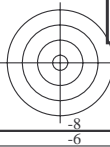
Data of Maximum color M in colorimetric system Offset standard print; separation cmy0\*; D65 for input or output; Six hue angles of the 60 degree standard colours RYGBM<sub>S</sub>: h<sub>ab,ds</sub> = 30.0, 90.0, 150.0, 210.0, 270.0, 330.0; Six hue angles of the device colours RYGBM<sub>d</sub>: h<sub>ab,d</sub> = 32.3, 96.1, 155.5, 238.4, 306.2, 359.8; Six hue angles of the elementary colours RYGBM<sub>c</sub>: h<sub>ab,e</sub> = 25.5, 92.3, 162.2, 217.0, 271.7, 328.6

Table with 15 columns: h<sub>ab,d</sub>, h<sub>ab,s</sub>, h<sub>ab,e</sub>, r<sub>gb</sub>\*\_dd361M, LAB\*\_dsx361Mi (x=LabCh), r<sub>gb</sub>\*\_ds361Mi, LAB\*\_dsx361Mi (x=LabCh), r<sub>gb</sub>\*\_dd361Mi, r<sub>gb</sub>\*\_de361Mi, LAB\*\_dex361Mi (x=LabCh), r<sub>gb</sub>\*\_dd361Mi, r<sub>gb</sub>\*\_dd361Mi, r<sub>gb</sub>\*\_ds361Mi, r<sub>gb</sub>\*\_ds361Mi, r<sub>gb</sub>\*\_ds361Mi. Rows 114-167.



vea archivos semejantes: http://130.149.60.45/~farbmetrik/QS57/QS57.HTM  
información técnica: http://www.ps.bam.de o http://130.149.60.45/~farbmetrik

TUB matrícula: 20130201-QS57/QS57L0NP.PDF /.PS  
aplicación para la medida salida en la impresión offset, separación cmy0 (CMY0)  
TUB material: code=rh4ta





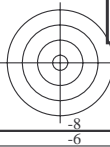
Data of Maximum color M in colorimetric system Offset standard print; separation cmy0\*; D65 for input or output; Six hue angles of the 60 degree standard colours RYGBM<sub>S</sub>: h<sub>ab,ds</sub> = 30.0, 90.0, 150.0, 210.0, 270.0, 330.0;

Six hue angles of the device colours RYGBM<sub>d</sub>: h<sub>ab,d</sub> = 32.3, 96.1, 155.5, 238.4, 306.2, 359.8; 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

Table with 24 columns: h<sub>ab,d</sub>, h<sub>ab,s</sub>, h<sub>ab,e</sub>, rgb\*<sub>dd361M</sub>, LAB\*<sub>ddx361Mi (x=LabCh)</sub>, rgb\*<sub>ds361Mi</sub>, LAB\*<sub>dsx361Mi (x=LabCh)</sub>, rgb\*<sub>de361Mi</sub>, LAB\*<sub>dex361Mi (x=LabCh)</sub>, rgb\*<sub>dd361Mi</sub>, LAB\*<sub>de361Mi</sub>, and three columns for rgb\*<sub>dd</sub>, rgb\*<sub>ds</sub>, and rgb\*<sub>de</sub>. Rows 167-238.

vea archivos semejantes: http://130.149.60.45/~farbmetrik/QS57/QS57.HTM  
información técnica: http://www.ps.bam.de o http://130.149.60.45/~farbmetrik

TUB matrícula: 20130201-QS57/QS57L0NP.PDF /.PS  
aplicación para la medida salida en la impresión offset, separación cmy0 (CMY0)  
TUB material: code=rh4t4



Data of Maximum color M in colorimetric system Offset standard print; separation cmy0\*; D65 for input or output; Six hue angles of the 60 degree standard colours RYGCMB<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 RYGCMB<sub>d</sub>; h<sub>ab,d</sub> = 32.3, 96.1, 155.5, 238.4, 306.2, 359.8; Six hue angles of the elementary colours RYGCMB<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* dsx361Mi (x=LabCh)	rgb* dd361Mi	LAB* de361Mi	rgb* dex361Mi (x=LabCh)	rgb* dd361Mi	rgb* dd361Mi	rgb* ds	rgb* ds	rgb* de
238	210	216	0.0 1.0 1.0	56.8 -25.5 -41.5 48.7 238	0.0 1.0 0.685 54.5	-39.5 -22.8 45.7 210C <sub>s</sub>	0.0 1.0 1.0	0.0 1.0 0.747 55.0	-36.1 -27.2 45.3 216C <sub>e</sub>	0.0 1.0 1.0	0.0 1.0 1.0			
239	211	217	0.0 0.983 1.0	56.4 -24.9 -41.5 48.4 239	0.0 1.0 0.694 54.6	-39.0 -23.4 45.7 211	0.0 0.983 1.0	0.0 1.0 0.757 55.1	-35.7 -27.8 45.4 217	0.0 0.983 1.0				
239	212	218	0.0 0.966 1.0	56.1 -24.3 -41.5 48.1 239	0.0 1.0 0.703 54.7	-38.6 -24.1 45.6 212	0.0 0.966 1.0	0.0 1.0 0.767 55.2	-35.3 -28.4 45.4 218	0.0 0.966 1.0				
240	213	219	0.0 0.95 1.0	55.7 -23.7 -41.5 47.8 240	0.0 1.0 0.712 54.7	-38.1 -24.7 45.6 213	0.0 0.95 1.0	0.0 1.0 0.778 55.2	-34.9 -29.0 45.5 219	0.0 0.95 1.0				
240	214	220	0.0 0.933 1.0	55.4 -23.1 -41.5 47.5 240	0.0 1.0 0.721 54.8	-37.6 -25.3 45.5 214	0.0 0.933 1.0	0.0 1.0 0.788 55.3	-34.5 -29.6 45.6 220	0.0 0.933 1.0				
241	215	221	0.0 0.916 1.0	55.0 -22.5 -41.4 47.2 241	0.0 1.0 0.73 54.9	-37.1 -26.0 45.4 215	0.0 0.916 1.0	0.0 1.0 0.798 55.4	-34.1 -30.2 45.7 221	0.0 0.916 1.0				
242	216	222	0.0 0.9 1.0	54.6 -22.0 -41.4 46.9 242	0.0 1.0 0.739 55.0	-36.6 -26.6 45.4 216	0.0 0.9 1.0	0.0 1.0 0.808 55.4	-33.6 -30.8 45.7 222	0.0 0.9 1.0				
242	217	223	0.0 0.883 1.0	54.3 -21.4 -41.4 46.6 242	0.0 1.0 0.747 55.0	-36.1 -27.2 45.3 217	0.0 0.883 1.0	0.0 1.0 0.819 55.5	-33.2 -31.3 45.8 223	0.0 0.883 1.0				
243	218	224	0.0 0.866 1.0	53.9 -20.7 -41.3 46.3 243	0.0 1.0 0.758 55.1	-35.6 -27.8 45.4 218	0.0 0.866 1.0	0.0 1.0 0.829 55.6	-32.7 -31.9 45.9 224	0.0 0.866 1.0				
244	219	225	0.0 0.85 1.0	53.4 -20.0 -41.3 45.9 244	0.0 1.0 0.769 55.2	-35.2 -28.5 45.4 219	0.0 0.85 1.0	0.0 1.0 0.839 55.6	-32.3 -32.5 45.9 225	0.0 0.85 1.0				
245	220	226	0.0 0.833 1.0	52.9 -19.2 -41.3 45.6 245	0.0 1.0 0.781 55.3	-34.8 -29.2 45.5 220	0.0 0.833 1.0	0.0 1.0 0.85 55.7	-31.8 -33.1 46.0 226	0.0 0.833 1.0				
245	221	227	0.0 0.816 1.0	52.4 -18.5 -41.3 45.3 245	0.0 1.0 0.792 55.3	-34.3 -29.8 45.6 221	0.0 0.816 1.0	0.0 1.0 0.86 55.8	-31.3 -33.6 46.1 227	0.0 0.816 1.0				
246	222	227	0.0 0.8 1.0	51.9 -17.7 -41.3 44.9 246	0.0 1.0 0.803 55.4	-33.9 -30.5 45.7 222	0.0 0.8 1.0	0.0 1.0 0.87 55.8	-30.8 -34.2 46.2 227	0.0 0.8 1.0				
247	223	228	0.0 0.783 1.0	51.4 -17.0 -41.2 44.6 247	0.0 1.0 0.815 55.5	-33.4 -31.1 45.8 223	0.0 0.783 1.0	0.0 1.0 0.881 55.9	-30.4 -34.8 46.3 228	0.0 0.783 1.0				
248	224	229	0.0 0.766 1.0	50.9 -16.2 -41.2 44.2 248	0.0 1.0 0.826 55.6	-32.9 -31.7 45.8 224	0.0 0.766 1.0	0.0 1.0 0.893 56.0	-30.0 -35.4 46.6 229	0.0 0.766 1.0				
249	225	230	0.0 0.75 1.0	50.4 -15.5 -41.1 43.9 249	0.0 1.0 0.837 55.6	-32.4 -32.4 45.9 225	0.0 0.75 1.0	0.0 1.0 0.904 56.1	-29.6 -36.1 46.8 230	0.0 0.75 1.0				
250	226	231	0.0 0.733 1.0	49.9 -14.7 -41.1 43.6 250	0.0 1.0 0.849 55.7	-31.9 -33.0 46.0 226	0.0 0.733 1.0	0.0 1.0 0.915 56.2	-29.1 -36.7 47.0 231	0.0 0.733 1.0				
251	227	232	0.0 0.716 1.0	49.4 -13.8 -41.1 43.4 251	0.0 1.0 0.86 55.8	-31.3 -33.6 46.1 227	0.0 0.716 1.0	0.0 1.0 0.926 56.3	-28.7 -37.4 47.2 232	0.0 0.716 1.0				
252	228	233	0.0 0.7 1.0	48.8 -13.0 -41.1 43.1 252	0.0 1.0 0.871 55.9	-30.8 -34.2 46.2 228	0.0 0.7 1.0	0.0 1.0 0.938 56.3	-28.2 -38.0 47.5 233	0.0 0.7 1.0				
253	229	234	0.0 0.683 1.0	48.3 -12.2 -41.1 42.9 253	0.0 1.0 0.883 55.9	-30.3 -34.9 46.4 229	0.0 0.683 1.0	0.0 1.0 0.949 56.4	-27.7 -38.6 47.7 234	0.0 0.683 1.0				
254	230	235	0.0 0.666 1.0	47.8 -11.4 -41.0 42.6 254	0.0 1.0 0.896 56.0	-29.9 -35.6 46.6 230	0.0 0.666 1.0	0.0 1.0 0.96 56.5	-27.2 -39.3 47.9 235	0.0 0.666 1.0				
255	231	236	0.0 0.65 1.0	47.3 -10.6 -41.0 42.3 255	0.0 1.0 0.908 56.1	-29.4 -36.3 46.9 231	0.0 0.65 1.0	0.0 1.0 0.972 56.6	-26.7 -39.9 48.2 236	0.0 0.65 1.0				
256	232	237	0.0 0.633 1.0	46.8 -9.8 -40.9 42.1 256	0.0 1.0 0.92 56.2	-28.9 -37.0 47.1 232	0.0 0.633 1.0	0.0 1.0 0.983 56.7	-26.2 -40.5 48.4 237	0.0 0.633 1.0				
257	233	237	0.0 0.616 1.0	46.2 -8.9 -40.9 41.8 257	0.0 1.0 0.933 56.3	-28.4 -37.7 47.4 233	0.0 0.616 1.0	0.0 1.0 0.994 56.8	-25.7 -41.1 48.6 237	0.0 0.616 1.0				
259	234	238	0.0 0.6 1.0	45.5 -7.8 -40.9 41.7 259	0.0 1.0 0.945 56.4	-27.9 -38.4 47.6 234	0.0 0.6 1.0	0.0 0.988 1.0 56.6	-25.0 -41.4 48.5 238	0.0 0.6 1.0				
260	235	239	0.0 0.583 1.0	44.9 -6.6 -41.0 41.5 260	0.0 1.0 0.957 56.5	-27.4 -39.1 47.9 235	0.0 0.583 1.0	0.0 0.962 1.0 56.0	-24.1 -41.4 48.1 239	0.0 0.583 1.0				
262	236	240	0.0 0.566 1.0	44.2 -5.5 -40.9 41.3 262	0.0 1.0 0.97 56.6	-26.8 -39.8 48.1 236	0.0 0.566 1.0	0.0 0.937 1.0 55.5	-23.2 -41.4 47.6 240	0.0 0.566 1.0				
263	237	241	0.0 0.55 1.0	43.6 -4.4 -40.9 41.1 263	0.0 1.0 0.982 56.7	-26.2 -40.5 48.4 237	0.0 0.55 1.0	0.0 0.911 1.0 54.9	-22.3 -41.4 47.1 241	0.0 0.55 1.0				
265	238	242	0.0 0.533 1.0	43.0 -3.3 -40.8 41.0 265	0.0 1.0 0.994 56.8	-25.7 -41.1 48.6 238	0.0 0.533 1.0	0.0 0.885 1.0 54.4	-21.4 -41.3 46.7 242	0.0 0.533 1.0				
266	239	243	0.0 0.516 1.0	42.3 -2.3 -40.7 40.8 266	0.0 0.985 1.0 56.5	-24.9 -41.4 48.5 239	0.0 0.516 1.0	0.0 0.864 1.0 53.9	-20.6 -41.3 46.3 243	0.0 0.516 1.0				
268	240	244	0.0 0.5 1.0	41.7 -1.2 -40.6 40.6 268	0.0 0.956 1.0 55.9	-23.9 -41.4 48.0 240	0.0 0.5 1.0	0.0 0.847 1.0 53.3	-19.8 -41.3 45.9 244	0.0 0.5 1.0				
269	241	245	0.0 0.483 1.0	41.1 -0.2 -40.6 40.6 269	0.0 0.928 1.0 55.3	-22.9 -41.4 47.4 241	0.0 0.483 1.0	0.0 0.829 1.0 52.8	-19.0 -41.3 45.6 245	0.0 0.483 1.0				
271	242	246	0.0 0.466 1.0	40.5 0.7 -40.6 40.6 271	0.0 0.9 1.0 54.7	-21.9 -41.3 46.9 242	0.0 0.466 1.0	0.0 0.811 1.0 52.3	-18.1 -41.2 45.2 246	0.0 0.466 1.0				
272	243	247	0.0 0.45 1.0	39.9 1.7 -40.6 40.6 272	0.0 0.873 1.0 54.1	-21.0 -41.3 46.4 243	0.0 0.45 1.0	0.0 0.793 1.0 51.7	-17.3 -41.2 44.8 247	0.0 0.45 1.0				
273	244	248	0.0 0.433 1.0	39.3 2.7 -40.6 40.6 273	0.0 0.854 1.0 53.5	-20.1 -41.3 46.1 244	0.0 0.433 1.0	0.0 0.775 1.0 51.2	-16.6 -41.1 44.5 248	0.0 0.433 1.0				
275	245	248	0.0 0.416 1.0	38.8 3.6 -40.5 40.6 275	0.0 0.834 1.0 53.0	-19.2 -41.3 45.7 245	0.0 0.416 1.0	0.0 0.757 1.0 50.7	-15.8 -41.1 44.1 248	0.0 0.416 1.0				
276	246	249	0.0 0.4 1.0	38.2 4.6 -40.4 40.7 276	0.0 0.815 1.0 52.4	-18.3 -41.3 45.3 246	0.0 0.4 1.0	0.0 0.741 1.0 50.2	-15.0 -41.0 43.8 249	0.0 0.4 1.0				
277	247	250	0.0 0.383 1.0	37.6 5.6 -40.3 40.7 277	0.0 0.795 1.0 51.8	-17.4 -41.2 44.9 247	0.0 0.383 1.0	0.0 0.726 1.0 49.7	-14.3 -41.1 43.6 250	0.0 0.383 1.0				
279	248	251	0.0 0.366 1.0	37.0 6.6 -40.2 40.8 279	0.0 0.775 1.0 51.2	-16.6 -41.1 44.5 248	0.0 0.366 1.0	0.0 0.711 1.0 49.2	-13.5 -41.0 43.4 251	0.0 0.366 1.0				
280	249	252	0.0 0.35 1.0	36.4 7.7 -40.3 41.1 280	0.0 0.756 1.0 50.6	-15.7 -41.1 44.1 249	0.0 0.35 1.0	0.0 0.697 1.0 48.8	-12.8 -41.0 43.1 252	0.0 0.35 1.0				
282	250	253	0.0 0.333 1.0	35.8 8.8 -40.4 41.3 282	0.0 0.739 1.0 50.1	-14.9 -41.0 43.8 250	0.0 0.333 1.0	0.0 0.682 1.0 48.3	-12.1 -41.0 42.9 253	0.0 0.333 1.0				
283	251	254	0.0 0.316 1.0	35.2 9.9 -40.4 41.6 283	0.0 0.722 1.0 49.6	-14.1 -41.1 43.5 251	0.0 0.316 1.0	0.0 0.667 1.0 47.9	-11.4 -41.0 42.6 254	0.0 0.316 1.0				
285	252	255	0.0 0.3 1.0	34.6 11.0 -40.4 41.9 285	0.0 0.706 1.0 49.1	-13.3 -41.0 43.3 252	0.0 0.3 1.0	0.0 0.652 1.0 47.4	-10.7 -40.9 42.4 255	0.0 0.3 1.0				
286	253	256	0.0 0.283 1.0	34.0 12.1 -40.3 42.1 286	0.0 0.69 1.0 48.6	-12.5 -41.0 43.0 253	0.0 0.283 1.0	0.0 0.637 1.0 46.9	-9.9 -40.9 42.2 256	0.0 0.283 1.0				
288	254	257	0.0 0.266 1.0	33.4 13.2 -40.3 42.4 288	0.0 0.673 1.0 48.1	-11.7 -41.0 42.7 254	0.0 0.266 1.0	0.0 0.623 1.0 46.5	-9.2 -40.8 42.0 257	0.0 0.266 1.0				
289	255	258	0.0 0.25 1.0	32.8 14.3 -40.2 42.7 289	0.0 0.657 1.0 47.5	-10.9 -40.9 42.5 255	0.0 0.25 1.0	0.0 0.613 1.0 46.1	-8.6 -40.8 41.9 258	0.0 0.25 1.0				

2-0031331-L0 QS570-70 LAB\*la0, YN=0%, XYZnw=3.6, 4.2, 6.1, 85.4, 89.1, 104.8, LAB\*lw=24.4, 0.0, 0.0 95.6, 0.0, 0.0

salida: Offset standard print; separation cmy0\*, D65, página 14/33

gráfico TUB-QS57; código de tono: H\*<sub>d</sub>=Y50G<sub>d</sub> entrada: rgb/cmyk -> rgb<sub>d</sub>  
círculo de tono, 48 pasos; rgb-LabCh\*mesas salida: transfiera a cmy0<sub>d</sub>

2-0031331-F0

vea archivos semiantes: http://130.149.60.45/~farbmetrik/QS57/QS57.HTM  
información técnica: http://www.ps.bam.de o http://130.149.60.45/~farbmetrik

TUB matrícula: 20130201-QS57/QS57L0NP.PDF /.PS  
aplicación para la medida salida en la impresión offset, separación cmy0 (CMY0)  
TUB material: code=rh4t4



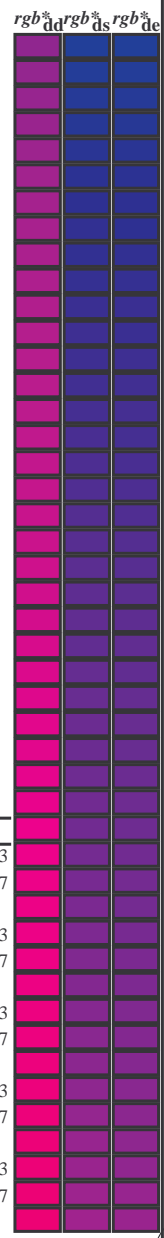
Data of Maximum color M in colorimetric system Offset standard print; separation cmy0\*, D65 for input or output; Six hue angles of the 60 degree standard colours RYGBM<sub>S</sub>:  $h_{ab,d,s} = 30.0, 90.0, 150.0, 210.0, 270.0, 330.0$ ;  
Six hue angles of the device colours RYGBM<sub>d</sub>:  $h_{ab,d} = 32.3, 96.1, 155.5, 238.4, 306.2, 359.8$ ; Six hue angles of the elementary colours RYGBM<sub>C</sub>:  $h_{ab,c} = 25.5, 92.3, 162.2, 217.0, 271.7, 328.6$

$h_{ab,d}$	$h_{ab,s}$	$h_{ab,c}$	$rgb^*_d$	$rgb^*_s$	$rgb^*_c$	$dd361M$	$LAB^*_d$	$LAB^*_s$	$LAB^*_c$	$dsx361Mi$	$dsx361Mi$	$dsx361Mi$	$de361Mi$	$de361Mi$	$de361Mi$	$dex361Mi$	$dex361Mi$	$dex361Mi$	$dd361Mi$	$dd361Mi$	$dd361Mi$	$rgb^*_d$	$rgb^*_s$	$rgb^*_c$	$dd361Mi$	$dd361Mi$	$dd361Mi$	$rgb^*_d$	$rgb^*_s$	$rgb^*_c$	$dd361Mi$	$dd361Mi$	$dd361Mi$	$rgb^*_d$	$rgb^*_s$	$rgb^*_c$				
289	255	258	0.0	0.25	1.0	32.8	14.3	-40.2	42.7	289	0.0	0.657	1.0	47.5	-10.9	-40.9	42.5	255	0.0	0.25	1.0	0.0	0.613	1.0	46.1	-8.6	-40.8	41.9	258	0.0	0.25	1.0	0.0	0.613	1.0	46.1	-8.6	-40.8	41.9	
290	256	258	0.0	0.233	1.0	32.2	15.3	-40.3	43.1	290	0.0	0.641	1.0	47.0	-10.1	-40.9	42.2	256	0.0	0.233	1.0	0.0	0.603	1.0	45.7	-7.9	-40.9	41.7	258	0.0	0.233	1.0	0.0	0.603	1.0	45.7	-7.9	-40.9	41.7	
292	257	259	0.0	0.216	1.0	31.7	16.4	-40.3	43.6	292	0.0	0.624	1.0	46.5	-9.3	-40.8	42.0	257	0.0	0.217	1.0	0.0	0.593	1.0	45.3	-7.2	-40.9	41.6	259	0.0	0.217	1.0	0.0	0.593	1.0	45.3	-7.2	-40.9	41.6	
293	258	260	0.0	0.2	1.0	31.1	17.5	-40.4	44.0	293	0.0	0.613	1.0	46.1	-8.6	-40.8	41.9	258	0.0	0.2	1.0	0.0	0.583	1.0	44.9	-6.6	-40.9	41.5	260	0.0	0.2	1.0	0.0	0.583	1.0	44.9	-6.6	-40.9	41.5	
294	259	261	0.0	0.183	1.0	30.6	18.5	-40.4	44.5	294	0.0	0.602	1.0	45.7	-7.9	-40.9	41.7	259	0.0	0.183	1.0	0.0	0.573	1.0	44.5	-5.9	-40.9	41.4	261	0.0	0.183	1.0	0.0	0.573	1.0	44.5	-5.9	-40.9	41.4	
295	260	262	0.0	0.166	1.0	30.0	19.6	-40.4	44.9	295	0.0	0.591	1.0	45.3	-7.1	-40.9	41.6	260	0.0	0.167	1.0	0.0	0.562	1.0	44.1	-5.2	-40.9	41.3	262	0.0	0.167	1.0	0.0	0.562	1.0	44.1	-5.2	-40.9	41.3	
297	261	263	0.0	0.15	1.0	29.5	20.7	-40.4	45.4	297	0.0	0.58	1.0	44.8	-6.4	-40.9	41.5	261	0.0	0.15	1.0	0.0	0.552	1.0	43.7	-4.5	-40.9	41.2	263	0.0	0.15	1.0	0.0	0.552	1.0	43.7	-4.5	-40.9	41.2	
298	262	264	0.0	0.133	1.0	28.9	21.8	-40.3	45.8	298	0.0	0.569	1.0	44.4	-5.7	-40.9	41.4	262	0.0	0.133	1.0	0.0	0.542	1.0	43.4	-3.9	-40.8	41.1	264	0.0	0.133	1.0	0.0	0.542	1.0	43.4	-3.9	-40.8	41.1	
299	263	265	0.0	0.116	1.0	28.4	22.8	-40.3	46.3	299	0.0	0.558	1.0	44.0	-4.9	-40.9	41.3	263	0.0	0.117	1.0	0.0	0.532	1.0	43.0	-3.2	-40.8	41.0	265	0.0	0.117	1.0	0.0	0.532	1.0	43.0	-3.2	-40.8	41.0	
300	264	266	0.0	0.1	1.0	27.9	23.8	-40.4	46.9	300	0.0	0.547	1.0	43.5	-4.2	-40.8	41.2	264	0.0	0.1	1.0	0.0	0.522	1.0	42.6	-2.6	-40.7	40.9	266	0.0	0.1	1.0	0.0	0.522	1.0	42.6	-2.6	-40.7	40.9	
301	265	267	0.0	0.083	1.0	27.4	24.7	-40.4	47.4	301	0.0	0.536	1.0	43.1	-3.5	-40.8	41.1	265	0.0	0.083	1.0	0.0	0.512	1.0	42.2	-1.9	-40.7	40.8	267	0.0	0.083	1.0	0.0	0.512	1.0	42.2	-1.9	-40.7	40.8	
302	266	268	0.0	0.066	1.0	26.9	25.7	-40.4	47.9	302	0.0	0.525	1.0	42.7	-2.8	-40.7	40.9	266	0.0	0.067	1.0	0.0	0.502	1.0	41.8	-1.3	-40.6	40.7	268	0.0	0.067	1.0	0.0	0.502	1.0	41.8	-1.3	-40.6	40.7	
303	267	269	0.0	0.049	1.0	26.5	26.6	-40.5	48.4	303	0.0	0.514	1.0	42.3	-2.0	-40.7	40.8	267	0.0	0.05	1.0	0.0	0.491	1.0	41.4	-0.6	-40.6	40.7	269	0.0	0.05	1.0	0.0	0.491	1.0	41.4	-0.6	-40.6	40.7	
304	268	269	0.0	0.033	1.0	26.0	27.6	-40.4	49.0	304	0.0	0.503	1.0	41.8	-1.3	-40.6	40.7	268	0.0	0.033	1.0	0.0	0.48	1.0	41.0	0.0	-40.6	40.7	269	0.0	0.033	1.0	0.0	0.48	1.0	41.0	0.0	-40.6	40.7	
305	269	270	0.0	0.016	1.0	25.5	28.6	-40.4	49.5	305	0.0	0.491	1.0	41.4	-0.6	-40.6	40.7	269	0.0	0.017	1.0	0.0	0.469	1.0	40.6	0.6	-40.6	40.7	270	0.0	0.017	1.0	0.0	0.469	1.0	40.6	0.6	-40.6	40.7	
306	270	271	0.0	0.0	1.0	25.0	29.5	-40.4	50.0	306	$B_d$	0.0	0.479	1.0	41.0	0.0	-40.6	40.7	$270B_s$	0.0	0.0	1.0	0.0	0.458	1.0	40.3	1.2	-40.6	40.7	$271B_c$	0.0	0.0	1.0	0.0	0.458	1.0	40.3	1.2	-40.6	40.7
307	271	272	0.016	0.0	1.0	25.4	30.4	-39.9	50.2	307	0.0	0.467	1.0	40.6	0.7	-40.6	40.7	271	0.017	0.0	1.0	0.0	0.447	1.0	39.9	1.9	-40.5	40.7	272	0.017	0.0	1.0	0.0	0.447	1.0	39.9	1.9	-40.5	40.7	
308	272	273	0.033	0.0	1.0	25.8	31.3	-39.4	50.4	308	0.0	0.455	1.0	40.2	1.4	-40.6	40.7	272	0.033	0.0	1.0	0.0	0.435	1.0	39.5	2.6	-40.5	40.7	273	0.033	0.0	1.0	0.0	0.435	1.0	39.5	2.6	-40.5	40.7	
309	273	274	0.05	0.0	1.0	26.2	32.2	-38.9	50.5	309	0.0	0.443	1.0	39.7	2.1	-40.5	40.7	273	0.05	0.0	1.0	0.0	0.424	1.0	39.1	3.3	-40.5	40.7	274	0.05	0.0	1.0	0.0	0.424	1.0	39.1	3.3	-40.5	40.7	
310	274	275	0.066	0.0	1.0	26.5	33.1	-38.4	50.7	310	0.0	0.431	1.0	39.3	2.8	-40.5	40.7	274	0.067	0.0	1.0	0.0	0.413	1.0	38.7	3.9	-40.4	40.7	275	0.067	0.0	1.0	0.0	0.413	1.0	38.7	3.9	-40.4	40.7	
311	275	276	0.083	0.0	1.0	26.9	33.9	-37.8	50.8	311	0.0	0.419	1.0	38.9	3.5	-40.4	40.7	275	0.083	0.0	1.0	0.0	0.401	1.0	38.3	4.6	-40.3	40.7	276	0.083	0.0	1.0	0.0	0.401	1.0	38.3	4.6	-40.3	40.7	
313	276	277	0.1	0.0	1.0	27.3	34.8	-37.3	51.0	313	0.0	0.407	1.0	38.5	4.3	-40.4	40.7	276	0.1	0.0	1.0	0.0	0.39	1.0	37.9	5.3	-40.3	40.7	277	0.1	0.0	1.0	0.0	0.39	1.0	37.9	5.3	-40.3	40.7	
314	277	278	0.116	0.0	1.0	27.7	35.6	-36.7	51.1	314	0.0	0.395	1.0	38.1	5.0	-40.3	40.7	277	0.117	0.0	1.0	0.0	0.378	1.0	37.5	5.9	-40.2	40.7	278	0.117	0.0	1.0	0.0	0.378	1.0	37.5	5.9	-40.2	40.7	
315	278	279	0.133	0.0	1.0	27.9	36.4	-36.2	51.3	315	0.0	0.383	1.0	37.6	5.7	-40.2	40.7	278	0.133	0.0	1.0	0.0	0.367	1.0	37.1	6.6	-40.2	40.8	279	0.133	0.0	1.0	0.0	0.367	1.0	37.1	6.6	-40.2	40.8	
316	279	280	0.15	0.0	1.0	28.1	37.2	-35.7	51.6	316	0.0	0.371	1.0	37.2	6.4	-40.2	40.8	279	0.15	0.0	1.0	0.0	0.357	1.0	36.7	7.3	-40.2	41.0	280	0.15	0.0	1.0	0.0	0.357	1.0	36.7	7.3	-40.2	41.0	
317	280	281	0.166	0.0	1.0	28.2	38.0	-35.2	51.9	317	0.0	0.36	1.0	36.8	7.1	-40.2	41.0	280	0.167	0.0	1.0	0.0	0.346	1.0	36.3	8.0	-40.3	41.2	281	0.167	0.0	1.0	0.0	0.346	1.0	36.3	8.0	-40.3	41.2	
318	281	282	0.183	0.0	1.0	28.3	38.8	-34.7	52.1	318	0.0	0.348	1.0	36.4	7.8	-40.3	41.1	281	0.183	0.0	1.0	0.0	0.335	1.0	35.9	8.7	-40.3	41.3	282	0.183	0.0	1.0	0.0	0.335	1.0	35.9	8.7	-40.3	41.3	
319	282	283	0.2	0.0	1.0	28.5	39.6	-34.2	52.4	319	0.0	0.337	1.0	36.0	8.6	-40.3	41.3	282	0.2	0.0	1.0	0.0	0.324	1.0	35.5	9.4	-40.3	41.5	283	0.2	0.0	1.0	0.0	0.324	1.0	35.5	9.4	-40.3	41.5	
320	283	284	0.216	0.0	1.0	28.6	40.4	-33.7	52.6	320	0.0	0.326	1.0	35.6	9.3	-40.3	41.5	283	0.217	0.0	1.0	0.0	0.313	1.0	35.1	10.1	-40.3	41.7	284	0.217	0.0	1.0	0.0	0.313	1.0	35.1	10.1	-40.3	41.7	
321	284	285	0.233	0.0	1.0	28.7	41.2	-33.1	52.9	321	0.0	0.314	1.0	35.2	10.1	-40.3	41.7	284	0.233	0.0	1.0	0.0	0.303	1.0	34.8	10.8	-40.3	41.9	285	0.233	0.0	1.0	0.0	0.303	1.0	34.8	10.8	-40.3	41.9	
322	285	285	0.25	0.0	1.0	28.8	41.9	-32.5	53.1	322	0.0	0.303	1.0	34.8	10.8	-40.3	41.9	285	0.25	0.0	1.0	0.0	0.292	1.0	34.4	11.6	-40.3	42.0	285	0.25	0.0	1.0	0.0	0.292	1.0	34.4	11.6	-40.3	42.0	
323	286	286	0.266	0.0	1.0	29.4	43.3	-31.8	53.8	323	0.0	0.291	1.0	34.3	11.6	-40.3	42.0	286	0.267	0.0	1.0	0.0	0.281	1.0	34.0	12.3	-40.3	42.2	286	0.267	0.0	1.0	0.0	0.281	1.0	34.0	12.3	-40.3	42.2	
325	287	287	0.283	0.0	1.0	29.9	44.7	-31.1	54.4	325	0.0	0.28	1.0	33.9	12.3	-40.3	42.2	287	0.283	0.0	1.0	0.0	0.27	1.0	33.6	13.0	-40.2	42.4	287	0.283	0.0</									

Data of Maximum color M in colorimetric system Offset standard print; separation cmy0\*; D65 for input or output; Six hue angles of the 60 degree standard colours RYGBM<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> = 32.3, 96.1, 155.5, 238.4, 306.2, 359.8; 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

Table with columns for device colors (h<sub>ab,d</sub>, h<sub>ab,s</sub>, h<sub>ab,e</sub>, r<sub>gb</sub>\*\_dd361M, LAB\*\_\*\_ddx361Mi (x=LabCh), r<sub>gb</sub>\*\_\*\_ds361Mi, LAB\*\_\*\_dsx361Mi (x=LabCh), r<sub>gb</sub>\*\_\*\_de361Mi, LAB\*\_\*\_dex361Mi (x=LabCh), r<sub>gb</sub>\*\_\*\_dd361Mi, LAB\*\_\*\_dd361Mi, r<sub>gb</sub>\*\_\*\_ds361Mi, LAB\*\_\*\_ds361Mi, r<sub>gb</sub>\*\_\*\_de361Mi, LAB\*\_\*\_dex361Mi (x=LabCh), r<sub>gb</sub>\*\_\*\_dd361Mi). Rows list color numbers from 340 to 366.



vea archivos semiantes: http://130.149.60.45/~farbmetrik/QS57/QS57.HTM información técnica: http://www.ps.bam.de o http://130.149.60.45/~farbmetrik

TUB matrícula: 20130201-QS57/QS57L0NP.PDF /.PS aplicación para la medida salida en la impresión offset, separación cmy0 (CMY0) TUB material: code=rha4ta

Data of Maximum color M in colorimetric system Offset standard print; separation cmy0\*; D65 for input or output; Six hue angles of the 60 degree standard colours  $RYGCBM_s$ ;  $h_{ab,ds} = 30.0, 90.0, 150.0, 210.0, 270.0, 330.0$ ;  
Six hue angles of the device colours  $RYGCBM_d$ ;  $h_{ab,d} = 32.3, 96.1, 155.5, 238.4, 306.2, 359.8$ ; Six hue angles of the elementary colours  $RYGCBM_e$ ;  $h_{ab,e} = 25.5, 92.3, 162.2, 217.0, 271.7, 328.6$

$h_{ab,d}$	$h_{ab,s}$	$h_{ab,e}$	$rgb^*_{dd361M}$	$LAB^*_{ddx361Mi}(x=LabCh)$	$rgb^*_{ds361Mi}$	$LAB^*_{dsx361Mi}(x=LabCh)$	$rgb^*_{dd361Mi}$	$rgb^*_{de361Mi}$	$LAB^*_{dex361Mi}(x=LabCh)$	$rgb^*_{dd361Mi}$	$rgb^*_{dd}$	$rgb^*_{ds}$	$rgb^*_{de}$																													
366	345	342	1.0	0.0	0.75	45.9	77.1	8.6	77.6	366	0.576	0.0	1.0	37.1	62.9	-16.7	65.1	345	1.0	0.0	0.75	45.9	77.1	8.6	77.6	366	0.576	0.0	1.0	37.1	62.9	-16.7	65.1	345	1.0	0.0	0.75	45.9	77.1	8.6	77.6	366
367	346	343	1.0	0.0	0.733	45.9	77.0	9.4	77.5	367	0.593	0.0	1.0	37.5	63.8	-15.8	65.7	346	1.0	0.0	0.733	45.9	77.0	9.4	77.5	367	0.593	0.0	1.0	37.5	63.8	-15.8	65.7	346	1.0	0.0	0.733	45.9	77.0	9.4	77.5	367
367	347	344	1.0	0.0	0.716	45.9	76.8	10.3	77.5	367	0.61	0.0	1.0	37.8	64.7	-14.8	66.4	347	1.0	0.0	0.717	45.9	76.8	10.3	77.5	367	0.61	0.0	1.0	37.8	64.7	-14.8	66.4	347	1.0	0.0	0.717	45.9	76.8	10.3	77.5	367
368	348	345	1.0	0.0	0.7	45.9	76.6	11.1	77.4	368	0.627	0.0	1.0	38.2	65.6	-13.8	67.1	348	1.0	0.0	0.7	45.9	76.6	11.1	77.4	368	0.627	0.0	1.0	38.2	65.6	-13.8	67.1	348	1.0	0.0	0.7	45.9	76.6	11.1	77.4	368
368	349	346	1.0	0.0	0.683	45.9	76.4	11.9	77.3	368	0.654	0.0	1.0	39.0	66.8	-12.9	68.1	349	1.0	0.0	0.683	45.9	76.4	11.9	77.3	368	0.654	0.0	1.0	39.0	66.8	-12.9	68.1	349	1.0	0.0	0.683	45.9	76.4	11.9	77.3	368
369	350	347	1.0	0.0	0.666	45.9	76.2	12.8	77.2	369	0.681	0.0	1.0	39.8	68.0	-11.9	69.1	350	1.0	0.0	0.667	45.9	76.2	12.8	77.2	369	0.681	0.0	1.0	39.8	68.0	-11.9	69.1	350	1.0	0.0	0.667	45.9	76.2	12.8	77.2	369
370	351	348	1.0	0.0	0.65	46.0	75.9	13.6	77.2	370	0.708	0.0	1.0	40.6	69.2	-10.9	70.1	351	1.0	0.0	0.65	46.0	75.9	13.6	77.2	370	0.708	0.0	1.0	40.6	69.2	-10.9	70.1	351	1.0	0.0	0.65	46.0	75.9	13.6	77.2	370
370	352	349	1.0	0.0	0.633	46.0	75.7	14.4	77.1	370	0.735	0.0	1.0	41.4	70.4	-9.8	71.1	352	1.0	0.0	0.633	46.0	75.7	14.4	77.1	370	0.735	0.0	1.0	41.4	70.4	-9.8	71.1	352	1.0	0.0	0.633	46.0	75.7	14.4	77.1	370
371	353	350	1.0	0.0	0.616	46.0	75.5	15.2	77.1	371	0.765	0.0	1.0	42.1	71.6	-8.7	72.1	353	1.0	0.0	0.617	46.0	75.5	15.2	77.1	371	0.765	0.0	1.0	42.1	71.6	-8.7	72.1	353	1.0	0.0	0.617	46.0	75.5	15.2	77.1	371
372	354	351	1.0	0.0	0.6	45.9	75.4	16.1	77.1	372	0.8	0.0	1.0	42.8	72.7	-7.5	73.1	354	1.0	0.0	0.6	45.9	75.4	16.1	77.1	372	0.8	0.0	1.0	42.8	72.7	-7.5	73.1	354	1.0	0.0	0.6	45.9	75.4	16.1	77.1	372
372	355	352	1.0	0.0	0.583	45.9	75.2	16.9	77.1	372	0.835	0.0	1.0	43.5	73.9	-6.4	74.2	355	1.0	0.0	0.583	45.9	75.2	16.9	77.1	372	0.835	0.0	1.0	43.5	73.9	-6.4	74.2	355	1.0	0.0	0.583	45.9	75.2	16.9	77.1	372
373	356	353	1.0	0.0	0.566	45.9	75.0	17.8	77.1	373	0.87	0.0	1.0	44.2	75.0	-5.1	75.2	356	1.0	0.0	0.567	45.9	75.0	17.8	77.1	373	0.87	0.0	1.0	44.2	75.0	-5.1	75.2	356	1.0	0.0	0.567	45.9	75.0	17.8	77.1	373
374	357	354	1.0	0.0	0.55	45.9	74.8	18.6	77.1	374	0.904	0.0	1.0	44.7	76.2	-3.9	76.3	357	1.0	0.0	0.55	45.9	74.8	18.6	77.1	374	0.904	0.0	1.0	44.7	76.2	-3.9	76.3	357	1.0	0.0	0.55	45.9	74.8	18.6	77.1	374
374	358	355	1.0	0.0	0.533	45.9	74.6	19.5	77.1	374	0.938	0.0	1.0	45.2	77.3	-2.6	77.3	358	1.0	0.0	0.533	45.9	74.6	19.5	77.1	374	0.938	0.0	1.0	45.2	77.3	-2.6	77.3	358	1.0	0.0	0.533	45.9	74.6	19.5	77.1	374
375	359	356	1.0	0.0	0.516	45.9	74.4	20.3	77.1	375	0.971	0.0	1.0	45.7	78.4	-1.3	78.4	359	1.0	0.0	0.517	45.9	74.4	20.3	77.1	375	0.971	0.0	1.0	45.7	78.4	-1.3	78.4	359	1.0	0.0	0.517	45.9	74.4	20.3	77.1	375
375	360	352	1.0	0.0	0.5	45.9	74.2	21.1	77.1	375	1.0	0.0	0.994	46.1	79.3	0.0	79.3	360	1.0	0.0	0.5	45.9	74.2	21.1	77.1	375	1.0	0.0	0.994	46.1	79.3	0.0	79.3	360	1.0	0.0	0.5	45.9	74.2	21.1	77.1	375
376	361	353	1.0	0.0	0.483	45.8	74.1	22.1	77.3	376	1.0	0.0	0.955	46.1	79.0	1.4	79.0	361	1.0	0.0	0.483	45.8	74.1	22.1	77.3	376	1.0	0.0	0.955	46.1	79.0	1.4	79.0	361	1.0	0.0	0.483	45.8	74.1	22.1	77.3	376
377	362	354	1.0	0.0	0.466	45.8	73.9	23.1	77.4	377	1.0	0.0	0.916	46.0	78.6	2.7	78.7	362	1.0	0.0	0.467	45.8	73.9	23.1	77.4	377	1.0	0.0	0.916	46.0	78.6	2.7	78.7	362	1.0	0.0	0.467	45.8	73.9	23.1	77.4	377
378	363	355	1.0	0.0	0.45	45.8	73.8	24.0	77.6	378	1.0	0.0	0.876	46.0	78.3	4.1	78.4	363	1.0	0.0	0.45	45.8	73.8	24.0	77.6	378	1.0	0.0	0.876	46.0	78.3	4.1	78.4	363	1.0	0.0	0.45	45.8	73.8	24.0	77.6	378
378	364	356	1.0	0.0	0.433	45.8	73.6	25.0	77.7	378	1.0	0.0	0.839	46.0	78.0	5.5	78.2	364	1.0	0.0	0.433	45.8	73.6	25.0	77.7	378	1.0	0.0	0.839	46.0	78.0	5.5	78.2	364	1.0	0.0	0.433	45.8	73.6	25.0	77.7	378
379	365	357	1.0	0.0	0.416	45.8	73.4	25.9	77.9	379	1.0	0.0	0.802	46.0	77.7	6.8	78.0	365	1.0	0.0	0.417	45.8	73.4	25.9	77.9	379	1.0	0.0	0.802	46.0	77.7	6.8	78.0	365	1.0	0.0	0.417	45.8	73.4	25.9	77.9	379
380	366	358	1.0	0.0	0.4	45.8	73.2	26.9	78.0	380	1.0	0.0	0.765	46.0	77.3	8.1	77.8	366	1.0	0.0	0.4	45.8	73.2	26.9	78.0	380	1.0	0.0	0.765	46.0	77.3	8.1	77.8	366	1.0	0.0	0.4	45.8	73.2	26.9	78.0	380
380	367	359	1.0	0.0	0.383	45.8	73.0	27.8	78.2	380	1.0	0.0	0.734	46.0	77.0	9.5	77.6	367	1.0	0.0	0.383	45.8	73.0	27.8	78.2	380	1.0	0.0	0.734	46.0	77.0	9.5	77.6	367	1.0	0.0	0.383	45.8	73.0	27.8	78.2	380
381	368	360	1.0	0.0	0.366	45.8	72.9	28.7	78.4	381	1.0	0.0	0.708	46.0	76.7	10.8	77.5	368	1.0	0.0	0.367	45.8	72.9	28.7	78.4	381	1.0	0.0	0.708	46.0	76.7	10.8	77.5	368	1.0	0.0	0.367	45.8	72.9	28.7	78.4	381
382	369	362	1.0	0.0	0.35	45.8	72.8	29.6	78.6	382	1.0	0.0	0.681	46.0	76.4	12.1	77.4	369	1.0	0.0	0.35	45.8	72.8	29.6	78.6	382	1.0	0.0	0.681	46.0	76.4	12.1	77.4	369	1.0	0.0	0.35	45.8	72.8	29.6	78.6	382
382	370	363	1.0	0.0	0.333	45.7	72.7	30.4	78.8	382	1.0	0.0	0.655	46.0	76.1	13.4	77.2	370	1.0	0.0	0.333	45.7	72.7	30.4	78.8	382	1.0	0.0	0.655	46.0	76.1	13.4	77.2	370	1.0	0.0	0.333	45.7	72.7	30.4	78.8	382
383	371	364	1.0	0.0	0.316	45.7	72.6	31.2	79.1	383	1.0	0.0	0.628	46.0	75.7	14.7	77.1	371	1.0	0.0	0.317	45.7	72.6	31.2	79.1	383	1.0	0.0	0.628	46.0	75.7	14.7	77.1	371	1.0	0.0	0.317	45.7	72.6	31.2	79.1	383
383	372	365	1.0	0.0	0.3	45.7	72.5	32.1	79.3	383	1.0	0.0	0.602	46.0	75.4	16.0	77.1	372	1.0	0.0	0.3	45.7	72.5	32.1	79.3	383	1.0	0.0	0.602	46.0	75.4	16.0	77.1	372	1.0	0.0	0.3	45.7	72.5	32.1	79.3	383
384	373	366	1.0	0.0	0.283	45.6	72.4	32.9	79.6	384	1.0	0.0	0.576	46.0	75.2	17.4	77.1	373	1.0	0.0	0.283	45.6	72.4	32.9	79.6	384	1.0	0.0	0.576	46.0	75.2	17.4	77.1	373	1.0	0.0	0.283	45.6	72.4	32.9	79.6	384
385	374	367	1.0	0.0	0.266	45.6	72.3	33.8	79.8	385	1.0	0.0	0.55	45.9	74.9	18.7	77.2	374	1.0	0.0	0.267	45.6	72.3	33.8	79.8	385	1.0	0.0	0.55	45.9	74.9	18.7	77.2	374	1.0	0.0	0.267	45.6	72.3	33.8	79.8	385
385	375	368	1.0	0.0	0.25	45.6	72.1	34.6	80.0	385	1.0	0.0	0.524	45.9	74.5	20.0	77.2	375	1.0	0.0	0.25	45.6	72.1	34.6	80.0	385	1.0	0.0	0.524	45.9	74.5	20.0	77.2	375	1.0	0.0	0.25	45.6	72.1	34.6	80.0	385
38																																										



http://130.149.60.45/~farbmetrik/QS57/QS57LONP.PDF /.PS; salida de transferencia N: ninguna 3D-linealización (OL) en archivo (F) o PS-startup (S), página 18/33

Table with 15 columns: nrf, HHC\*Fd, rpb\*Fd, icr\*Fd, hsa\*Fd, rpb\*Fd, LabC\*Fd, LabC\*Fd, rpb\*Fd, DF\*Fd, hsa\*Fd, rpb\*Fd, LabC\*Fd, LabC\*Fd, rpb\*Fd. Each row contains numerical data for various color patches.

entrada: rgb/cmyk -> rgbd salida: transfiera a cmy0d

gráfico TUB-QS57; código de tono: H\*d=Y50Gd colores y diferencia en color, ΔE\*





http://130.149.60.45/~farbmetrik/QS57/QS57LONP.PDF /.PS; salida de transferencia N: ninguna 3D-linealización (OL) en archivo (F) o PS-startup (S), página 20/33

Table with 80 columns (n#) and 100 rows of color calibration data. Columns include H# (0-80), L\*a\*b\*, L\*u\*v\*, L\*u\*w\*, and LabCMYk values for various color patches.

delta E\* = 4.2

gráfico TUB-QS57; código de tono: H\*d=Y50Gd colores y diferencia en color, ΔE\*

entrada: rgb/cmyk -> rgbd salida: transfiera a cmy0d

QS57-IN; 2033-F

2-0031931-F0



Table with 16 columns: n, HHC\*Fd, rpb\*Fd, icr\*Fd, hsa\*Fd, rpb\*Fd, LabC\*Fd, LabC\*Fd, rpb\*Fd, LabC\*Fd, rpb\*Fd, LabC\*Fd, DF\*Fd, hsa\*Fd, rpb\*Fd, LabC\*Fd. Rows 81-161.

delta E\* = 4.2

entrada: rgb/cmyk -> rgbd salida: transfiera a cmy0d

gráfico TUB-QS57; código de tono: H\*d=Y50Gd colores y diferencia en color, ΔE\*

QS5700L

QS5700L

C

C

M

M

Y

Y

L

L

V

V

C

C

M

M

C

C

http://130.149.60.45/~farbmetrik/QS57/QS57LONP.PDF /.PS; salida de transferencia  
N: ninguna 3D-linealización (OL) en archivo (F) o PS-startup (S), página 22/33

Table with columns: n, HHC\*Fd, rpb\*Fd, icr\*Fd, hsa\*Fd, rpb\*Fd, LabCH\*Fd, LabCH\*Fd, rpb\*Fd, rpb\*Fd, DF\*Fd, hsa\*Fd, LabCH\*Fd, LabCH\*Fd, rpb\*Fd, rpb\*Fd. Rows 162-242.

entrada: rgb/cmyk -> rgbd  
salida: transfiera a cmy0d

gráfico TUB-QS57; código de tono: H\*d=Y50Gd  
colores y diferencia en color, ΔE\*

2-0032131-F0

http://130.149.60.45/~farbmetrik/QS57/QS57LONP.PDF /.PS; salida de transferencia N: ninguna 3D-linealización (OL) en archivo (F) o PS-startup (S), página 23/33

Table with 28 columns and 323 rows containing color calibration data for printing processes. Columns include color names, CMYK values, and other technical metrics.

entrada: rgb/cmyk -> rgbd salida: transfiera a cmy0d

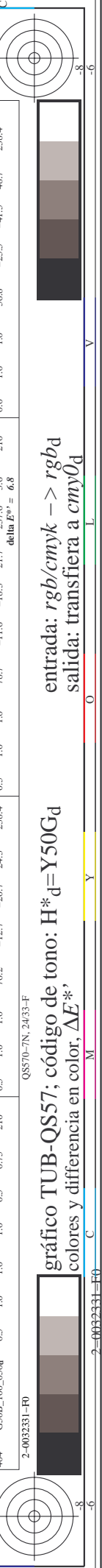
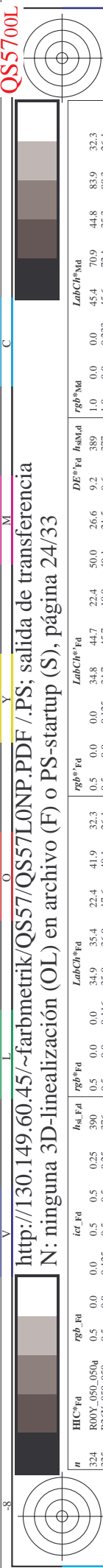
gráfico TUB-QS57; código de tono: H\*d=Y50Gd colores y diferencia en color, ΔE\*

QS57-N; 23/33-F

2-003231-F0

QS5700L

QS5700L



http://130.149.60.45/~farbmetrik/QS57/QS57LONP.PDF /.PS; salida de transferencia N: ninguna 3D-linealización (OL) en archivo (F) o PS-startup (S), página 24/33

entrada: rgb/cmyk -> rgbd salida: transfiera a cmy0d

Table with 24 columns: n, HHC\*Fd, rpb\*Fd, iet\*Fd, hsa\*Fd, LabCH\*Fd, rpb\*Fd, LabCH\*Fd, DF\*Fd, rpb\*Fd, LabCH\*Fd, rpb\*Fd, LabCH\*Fd, rpb\*Fd, LabCH\*Fd, rpb\*Fd, LabCH\*Fd, rpb\*Fd, LabCH\*Fd, rpb\*Fd, LabCH\*Fd, rpb\*Fd, LabCH\*Fd, rpb\*Fd. Each row contains numerical data for a specific color patch.

QS570-TN; 24/33-F

2-0032331-F0





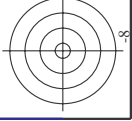
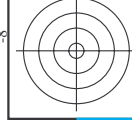
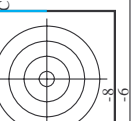
Table with 30 columns: n, HHC\*Fd, rpb\*Fd, icr\*Fd, hsa\*Fd, rpb\*Fd, LabCH\*Fd, LabCH\*Fd, rpb\*Fd, rpb\*Fd, LabCH\*Fd, DF\*Fd, hsa\*Fd, rpb\*Fd, LabCH\*Fd, LabCH\*Fd, rpb\*Fd, rpb\*Fd, LabCH\*Fd, LabCH\*Fd, rpb\*Fd, rpb\*Fd, LabCH\*Fd, LabCH\*Fd, rpb\*Fd, rpb\*Fd, LabCH\*Fd, LabCH\*Fd, rpb\*Fd, rpb\*Fd. The table contains numerical data for various color calibration patches.

entrada: rgb/cmyk -> rgbd salida: transfiera a cmy0d

gráfico TUB-QS57; código de tono: H\*d=Y50Gd colores y diferencia en color, ΔE\*

2-0032531-F0

QS57-NT; 2633-F





http://130.149.60.45/~farbmetrik/QS57/QS57LONP.PDF /.PS; salida de transferencia N: ninguna 3D-linealización (OL) en archivo (F) o PS-startup (S), página 27/33

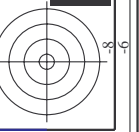
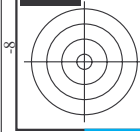
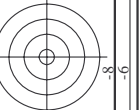
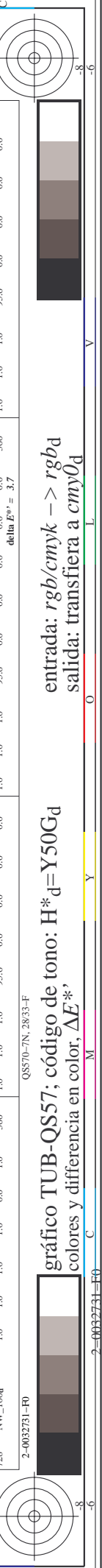
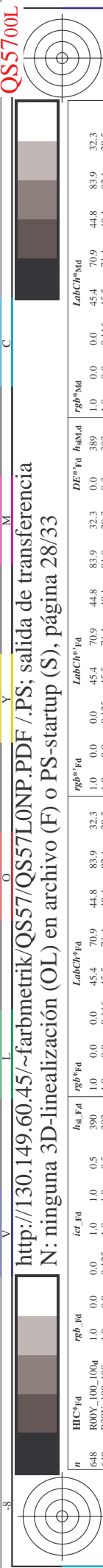
Table with 13 columns: n, HHC\*Fd, rpb\*Fd, icr\*Fd, hsa\*Fd, rpb\*Fd, LabCh\*Fd, LabCh\*Fd, rpb\*Fd, LabCh\*Fd, DF\*Fd, hsa\*Fd, rpb\*Fd, LabCh\*Fd. Contains 647 rows of numerical data for various color printing settings.

entrada: rpb/cmyk -> rpb salida: transfer a cmy0d

gráfico TUB-QS57; código de tono: H\*d=Y50Gd colores y diferencia en color, ΔE\*

QS57-IN; 27/33-F

2-0032631-F0



http://130.149.60.45/~farbmetrik/QS57/QS57LONP.PDF /.PS; salida de transferencia N: ninguna 3D-linealización (OL) en archivo (F) o PS-startup (S), página 28/33

entrada: rgb/cmyk -> rgbd salida: transfiera a cmy0d

gráfico TUB-QS57; código de tono: H\*d=Y50Gd colores y diferencia en color, ΔE\*

2-0032731-F0

2-0032731-F0

Table with 28 columns: n, HHC\*Fd, rpb\*Fd, icr\*Fd, hsa\*Fd, rpb\*Fd, LabC\*Fd, LabC\*Fd, rpb\*Fd, rpb\*Fd, LabC\*Fd, LabC\*Fd, rpb\*Fd, rpb\*Fd, LabC\*Fd, LabC\*Fd, rpb\*Fd, rpb\*Fd, LabC\*Fd, LabC\*Fd, rpb\*Fd, rpb\*Fd, LabC\*Fd, LabC\*Fd, rpb\*Fd, rpb\*Fd, LabC\*Fd, LabC\*Fd, rpb\*Fd, rpb\*Fd. Each row contains numerical data for color calibration.

delta E\*\* = 3.7

Table with 27 columns (n, HVC\*Fd, rpb\*Fd, iet\*Fd, hsa\*Fd, rpb\*Fd, LabCh\*Fd, rpb\*Fd, LabCh\*Fd, rpb\*Fd, DF\*Fd, hsa\*Fd, rpb\*Fd, LabCh\*Fd) and 50 rows of data for various color patches (729-809).

entrada: rgb/cmyk -> rgbd salida: transfiera a cmy0d

gráfico TUB-QS57; código de tono: H\*d=Y50Gd colores y diferencia en color, ΔE\*





QS5700L

QS5700L

http://130.149.60.45/~farbmetrik/QS57/QS57LONP.PDF /.PS; salida de transferencia N: ninguna 3D-linealización (OL) en archivo (F) o PS-startup (S), página 32/33

Table with 15 columns: n, H#C\*Fd, rpb\*Fd, iEt\*Fd, iAs\*Fd, rpb\*Fd, LabC\*Fd, LabC\*Fd, rpb\*Fd, rpb\*Fd, LabC\*Fd, LabC\*Fd, rpb\*Fd, rpb\*Fd, LabC\*Fd. Rows 972-1052.

delta E\*90 = 9.2

entrada: rgb/cmyk -> rgbd salida: transfiera a cmy0d

gráfico TUB-QS57; código de tono: H\*d=Y50Gd colores y diferencia en color, ΔE\*

2-003131-F0

QS570-TN\_3233-F



QS5700L



http://130.149.60.45/~farbmetrik/QS57/QS57L0NP.PDF /.PS; salida de transferencia  
 N: ninguna 3D-linealización (OL) en archivo (F) o PS-startup (S), página 33/33

n	HIC <sup>c</sup> Fd	rgb <sup>o</sup> Fd	ict <sup>o</sup> Fd	labCH <sup>a</sup> *Fd	LabCH <sup>a</sup> *Fd	hs <sup>o</sup> Fd	rgb <sup>o</sup> *Fd	LabCH <sup>a</sup> *Fd	LabCH <sup>a</sup> *Fd	DF <sup>o</sup> *Fd	hsM <sup>o</sup> *Fd	rgb <sup>o</sup> *M <sup>o</sup>	LabCH <sup>a</sup> *M <sup>o</sup>	LabCH <sup>a</sup> *M <sup>o</sup>													
1053	NW_0864	0.866	0.866	0.866	86.0	0.0	0.866	0.866	86.1	1.2	3.4	3.7	69.9	3.7	360	0.866	0.866	0.866	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
1054	NW_0934	0.933	0.933	0.933	90.8	0.0	0.933	0.933	90.8	0.4	1.4	1.5	71.6	1.5	360	0.933	0.933	0.933	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1055	NW_1004	1.0	1.0	1.0	95.6	0.0	1.0	1.0	95.6	0.0	0.1	0.1	104.3	0.1	360	1.0	1.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1056	NW_1006	0.0	0.0	0.0	24.3	0.0	0.0	0.0	24.3	0.0	0.0	0.0	308.5	0.0	360	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1057	NW_1006d	0.066	0.066	0.066	0.066	0.0	0.066	0.066	0.066	0.066	0.066	0.066	6.5	6.5	360	0.066	0.066	0.066	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1058	NW_0134	0.133	0.133	0.133	13.3	0.0	0.133	0.133	13.3	0.0	0.6	5.5	30.4	5.5	360	0.133	0.133	0.133	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1059	NW_0294	0.2	0.2	0.2	38.6	0.0	0.2	0.2	38.6	0.0	3.8	9.0	22.4	9.0	360	0.2	0.2	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1060	NW_0266	0.266	0.266	0.266	43.3	0.0	0.266	0.266	43.3	0.0	5.8	11.6	30.4	11.6	360	0.266	0.266	0.266	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1061	NW_0334	0.333	0.333	0.333	48.1	0.0	0.333	0.333	48.1	0.0	8.7	12.4	44.7	12.4	360	0.333	0.333	0.333	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1062	NW_0404	0.4	0.4	0.4	52.8	0.0	0.4	0.4	52.8	0.0	10.4	13.4	40.4	13.4	360	0.4	0.4	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1063	NW_0466	0.466	0.466	0.466	57.5	0.0	0.466	0.466	57.5	0.0	10.2	13.4	48.4	13.4	360	0.466	0.466	0.466	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1064	NW_0534	0.533	0.533	0.533	62.3	0.0	0.533	0.533	62.3	0.0	9.2	11.8	51.6	11.8	360	0.533	0.533	0.533	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1065	NW_0604	0.6	0.6	0.6	67.1	0.0	0.6	0.6	67.1	0.0	8.3	9.2	56.7	9.2	360	0.6	0.6	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1066	NW_0666	0.666	0.666	0.666	71.8	0.0	0.666	0.666	71.8	0.0	6.5	8.1	53.5	8.1	360	0.666	0.666	0.666	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1067	NW_0734	0.734	0.734	0.734	76.6	0.0	0.734	0.734	76.6	0.0	5.2	5.2	56.7	5.2	360	0.734	0.734	0.734	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1068	NW_0804	0.8	0.8	0.8	81.3	0.0	0.8	0.8	81.3	0.0	4.8	3.6	69.4	3.6	360	0.8	0.8	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1069	NW_0866	0.866	0.866	0.866	86.0	0.0	0.866	0.866	86.0	0.0	2.7	2.7	62.0	2.7	360	0.866	0.866	0.866	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1070	NW_0934	0.933	0.933	0.933	90.8	0.0	0.933	0.933	90.8	0.0	1.4	1.5	71.7	1.5	360	0.933	0.933	0.933	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1071	NW_1004	1.0	1.0	1.0	95.6	0.0	1.0	1.0	95.6	0.0	0.0	0.0	118.4	0.0	360	1.0	1.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1072	NW_1004d	0.0	0.0	0.0	24.3	0.0	0.0	0.0	24.3	0.0	0.0	0.0	299.2	0.0	360	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1073	ROY_100_100d	1.0	1.0	1.0	95.6	0.0	1.0	1.0	95.6	0.0	2.4	2.8	138.7	2.4	360	1.0	1.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1074	ROY_100_100d	0.0	0.0	0.0	45.4	44.8	0.0	0.0	45.4	44.8	33.9	32.3	328.4	33.9	360	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1075	Y00G_100_100d	0.0	1.0	0.5	96.0	44.8	0.0	0.0	96.0	44.8	83.9	83.9	488.8	83.9	360	0.0	1.0	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1076	Y00G_100_100d	0.0	1.0	1.0	95.4	48.7	0.0	0.0	95.4	48.7	96.0	96.1	360.6	96.0	360	0.0	1.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1077	B00_100_100d	0.0	0.0	0.0	25.0	29.5	0.0	0.0	25.0	29.5	29.8	30.1	306.6	29.8	360	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1078	B00_100_100d	0.0	1.0	1.0	95.3	29.5	0.0	0.0	95.3	28.0	28.0	29.5	159.9	28.0	360	0.0	1.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1079	B50R_100_100d	1.0	0.0	1.0	46.1	79.3	1.0	0.0	46.1	79.3	48.8	48.8	359.8	48.8	360	1.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

delta E\*<sub>a</sub> = 5.8

entrada: rgb/cmyk -> rgbd  
 salida: transfiera a cmy0d

gráfico TUB-QS57; código de tono: H\*d=Y50Gd  
 colores y diferencia en color, ΔE\*<sub>a</sub>

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QS570-TN; 33/33-F