

Entrada i salida: Offset Reflective System ORS18a for relative CIELAB hue  $h_{ab,a,rel} = h_{ab}/360 = 86/360 = 0.24$

$H^*_ = R75Y_$

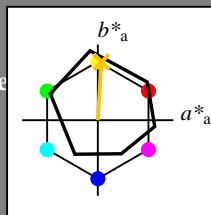
Datos del dispositivo (d) o elemental (e) color:

$HIC^*_$

código de tono para los colores de esta página:

$H^*_ = R75Y_$

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):

$LabCh^*_{-,Ma}$ : 80 4 77 77 86

$HIC^*_{-,Ma}$ : R75Y\_100\_100\_

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

1.0 0.76 0.0 1.0 1.0

triángulo claridad  $T^*$

%Gama

$u^*_{rel} = 92$

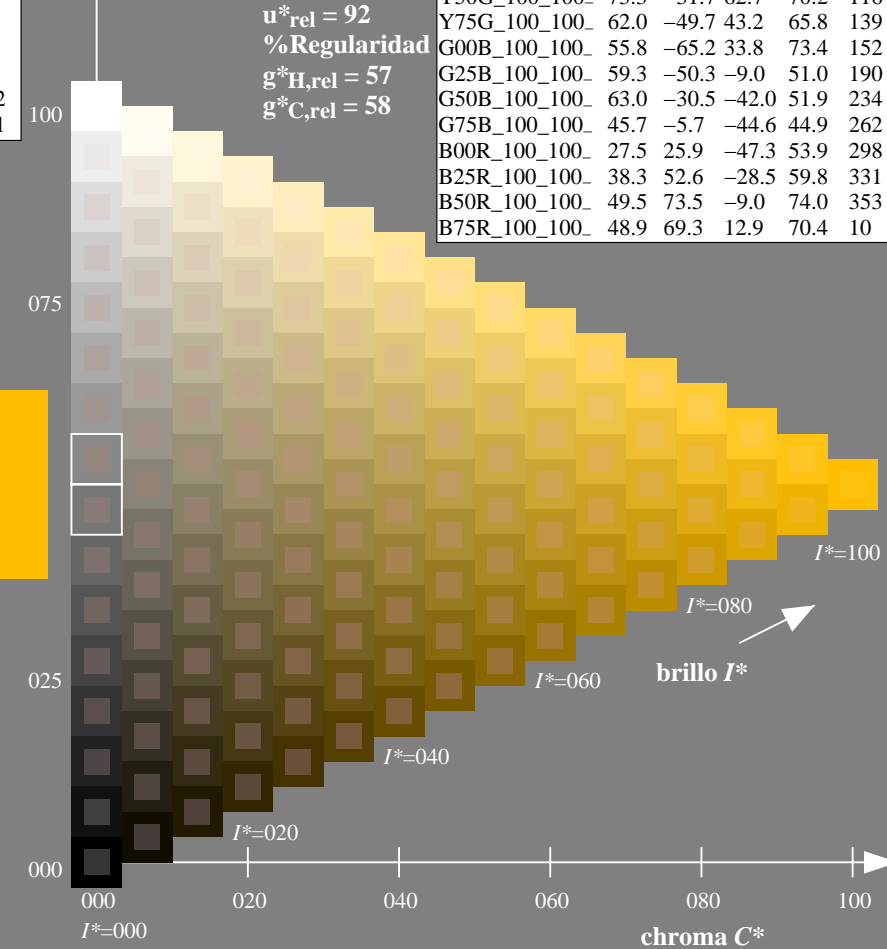
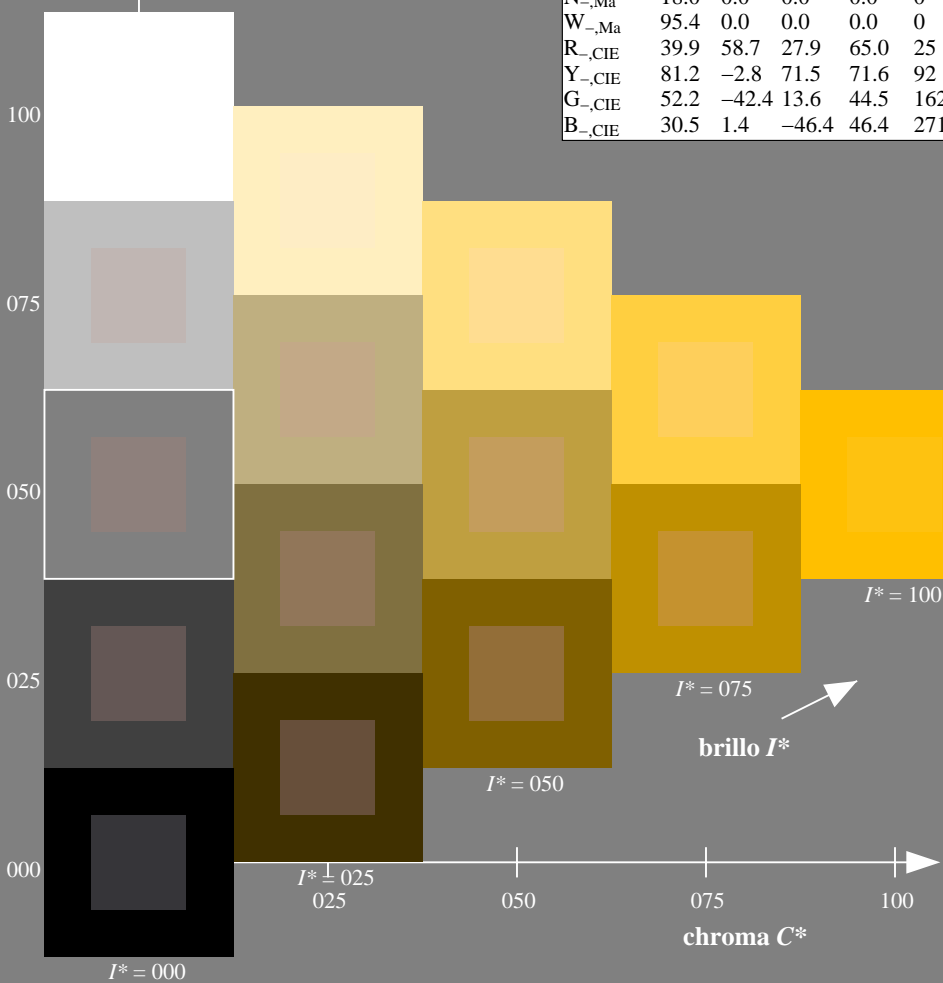
%Regularidad

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

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

**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/QS27/QS27.HTM>  
 información técnica: <http://www.ps.bam.de> o <http://130.149.60.45/~farbmetrik>

TUB matrícula: 20130201-QS27/QS27L0FP.PDF /.PS  
 aplicación para la medida salida en la impresión offset

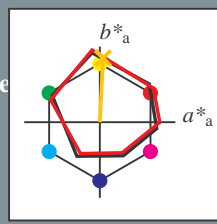
TUB material: code=rh4ta

Entrada i salida: Offset Reflective System ORS18a for relative CIELAB hue  $h_{ab,a,rel} = h_{ab}/360 = 87/360 = 0.24$

$H^*_d = R75Y_d$

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

$HIC^*_d$   
código de tono para los colores  
esta página:  
 $H^*_d = R75Y_d$   
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<sup>\*</sup><sub>d,Ma</sub>: 78 4 84 84 87

HIC<sup>\*</sup><sub>d,Ma</sub>: R75Y\_100\_100d

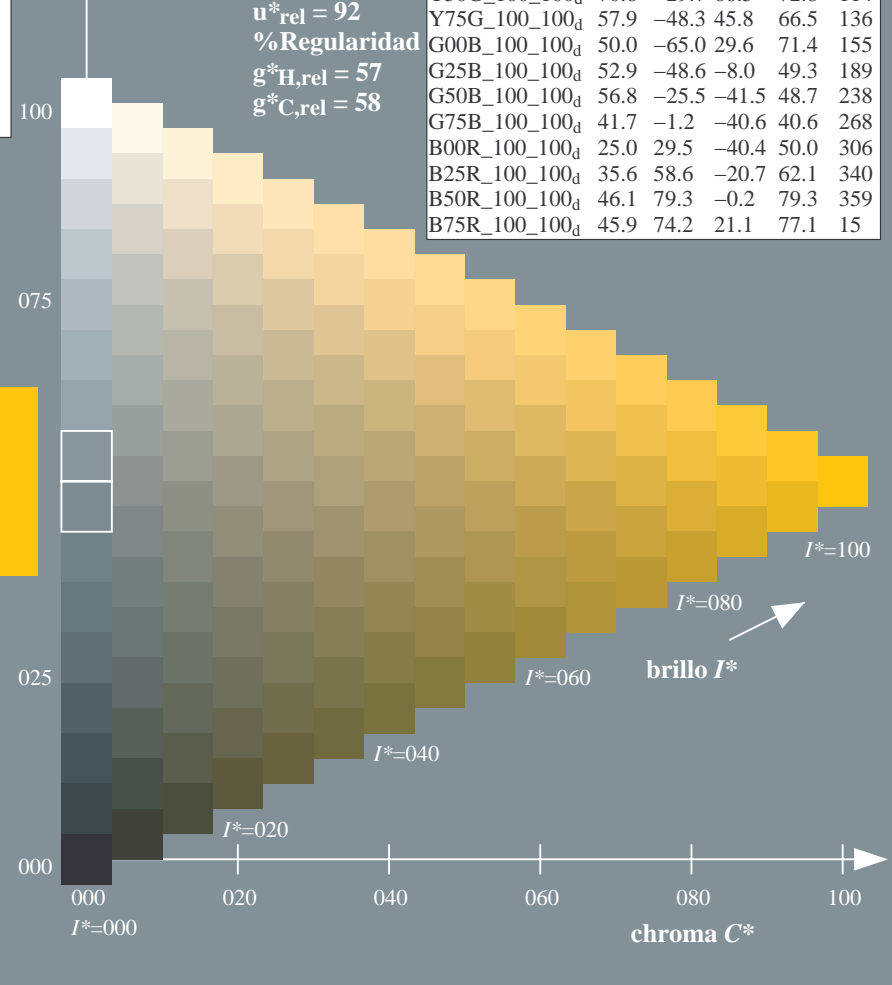
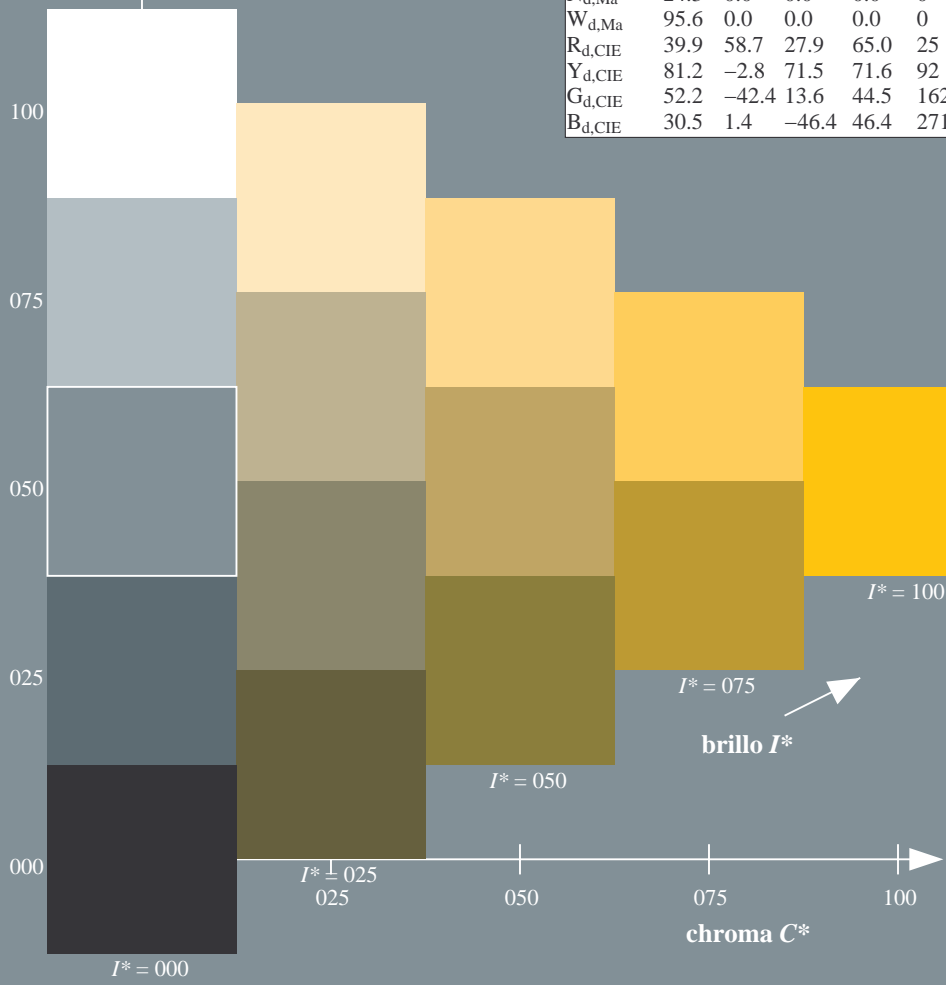
rgbic<sup>\*</sup><sub>d,Ma</sub>:  
1.0 0.76 0.0 1.0 1.0

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
Y50G_100_100 <sub>d</sub>	70.6	-29.7	66.5	72.8	114
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
G25B_100_100 <sub>d</sub>	52.9	-48.6	-8.0	49.3	189
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/QS27/QS27.HTM>  
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TUB matrícula: 20130201-QS27/QS27L0FP.PDF /.PS  
aplicación para la medida salida en la impresión offset, separación cmy0\* (CMY0)  
TUB material: code=rh4ta

gráfico TUB-QS27; código de tono:  $H^*_d=R75Y_d$   
gráfico según a DIN 33872, 3D=1, de=0,  $cmy0^*$

entrada:  $rgb/cmyk \rightarrow rgb_{dd}$   
salida: 3D-linealización a  $cmy0^*_{dd}$

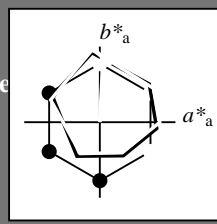


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$H^*_d = R75Y_d$

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

$HIC^*_d$   
código de tono para los colores  
esta página:  
 $H^*_d = R75Y_d$   
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</sub> ,Ma	45.4	70.9	44.8	83.9	32
Y <sub>d</sub> ,Ma	87.8	-10.2	95.4	96.0	96
G <sub>d</sub> ,Ma	50.0	-65.0	29.6	71.4	155
C <sub>d</sub> ,Ma	56.8	-25.5	-41.5	48.7	238
B <sub>d</sub> ,Ma	25.0	29.5	-40.4	50.0	306
M <sub>d</sub> ,Ma	46.1	79.3	-0.2	79.3	359
N <sub>d</sub> ,Ma	24.3	0.0	0.0	0.0	0
W <sub>d</sub> ,Ma	95.6	0.0	0.0	0.0	0
R <sub>d</sub> ,CIE	39.9	58.7	27.9	65.0	25
Y <sub>d</sub> ,CIE	81.2	-2.8	71.5	71.6	92
G <sub>d</sub> ,CIE	52.2	-42.4	13.6	44.5	162
B <sub>d</sub> ,CIE	30.5	1.4	-46.4	46.4	271

Los datos de color máximo (Ma):

$LabCh^*_d, Ma: 78\ 4\ 84\ 84\ 87$

$HIC^*_d, Ma: R75Y\_100\_100_d$

$rgbic^*_d, Ma:$

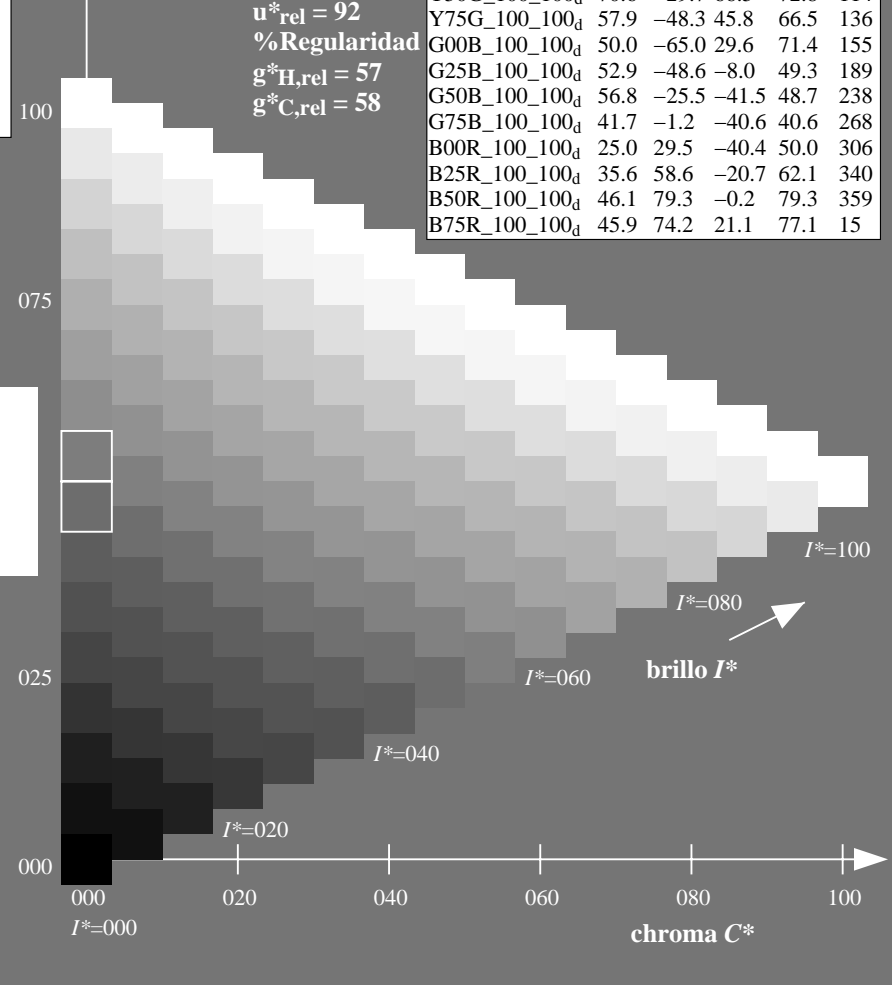
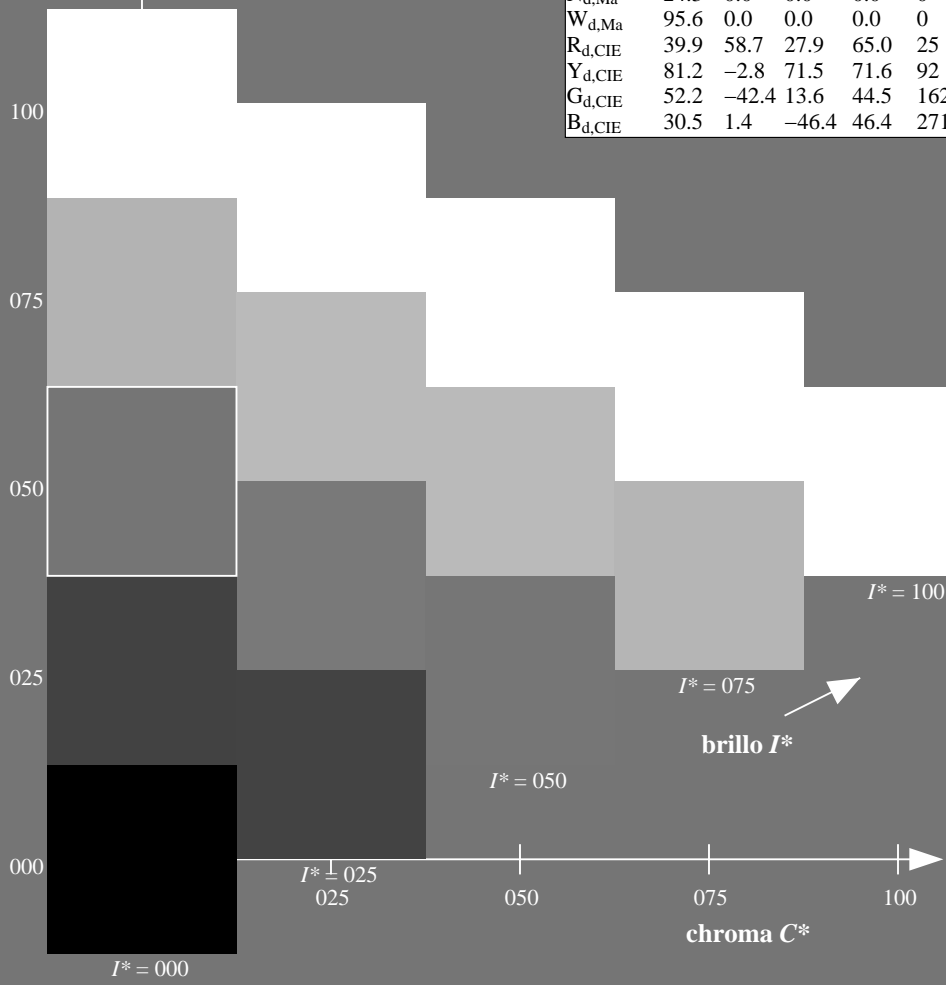
1.0 0.76 0.0 1.0 1.0

triángulo claridad  $T^*$

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

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

$H^*_d$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$
R00Y_100_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
Y50G_100_100 <sub>d</sub>	70.6	-29.7	66.5	72.8	114
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
G25B_100_100 <sub>d</sub>	52.9	-48.6	-8.0	49.3	189
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
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B75R_100_100 <sub>d</sub>	45.9	74.2	21.1	77.1	15

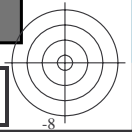
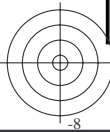


vea archivos semejantes: <http://130.149.60.45/~farbmetrik/QS27/QS27.HTM>  
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TUB matrícula: 20130201-QS27/QS27L0FP.PDF /.PS  
aplicación para la medida salida en la impresión offset, separación cmy0\* (CMY0)  
TUB material: code=rh4ta

gráfico TUB-QS27; código de tono:  $H^*_d=R75Y_d$   
gráfico según a DIN 33872, 3D=1, de=0,  $cmy0^*$

entrada:  $rgb/cmyk \rightarrow rgb_{dd}$   
salida: 3D-linealización a  $cmy0^*_{dd}$

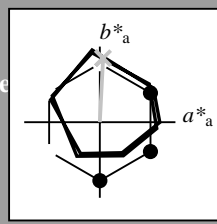


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$H^*_d = R75Y_d$

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

$HIC^*_d$   
código de tono para los colores  
esta página:  
 $H^*_d = R75Y_d$   
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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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):

$LabCh^*_{d, Ma}: 78\ 4\ 84\ 84\ 87$

$HIC^*_{d, Ma}: R75Y\_100\_100_d$

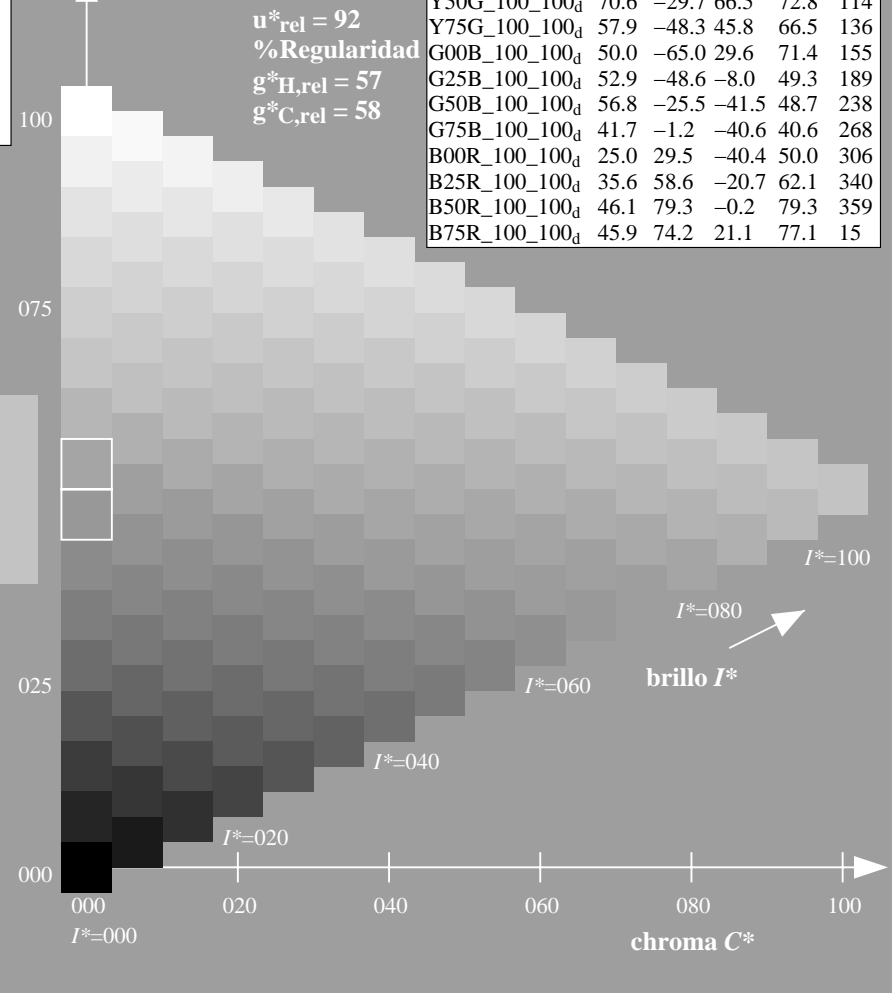
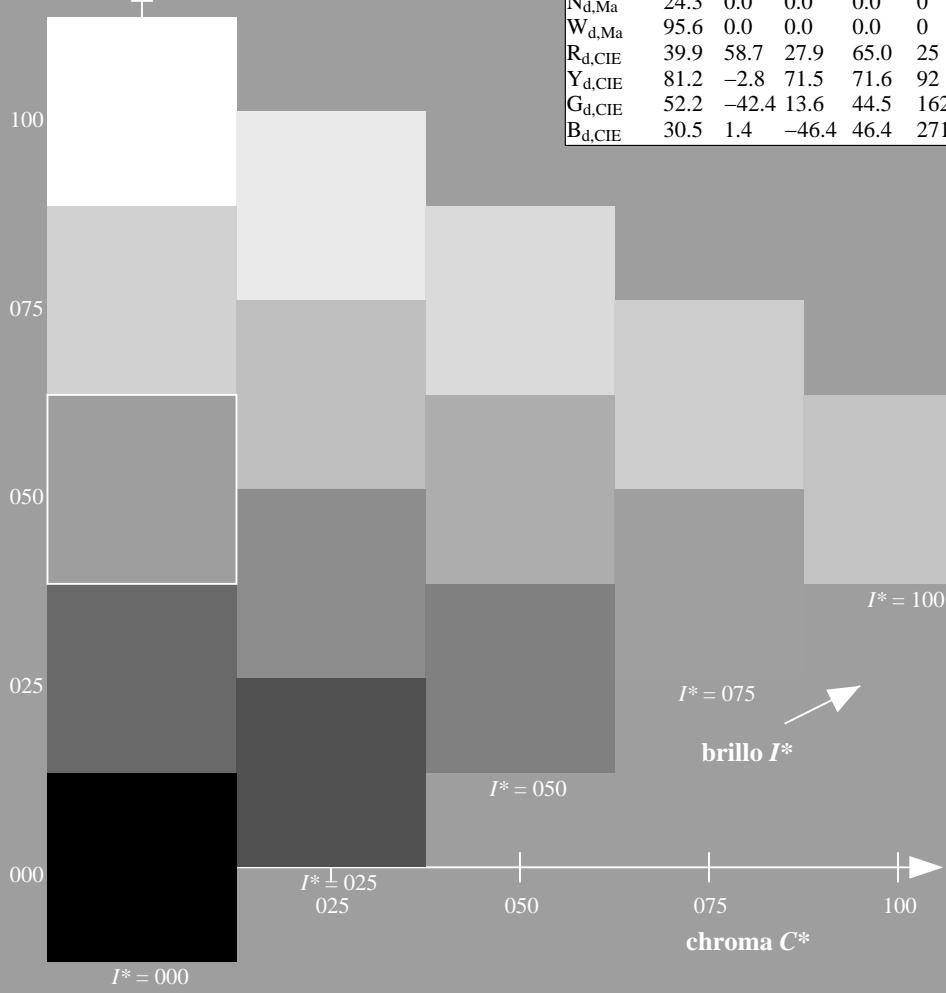
$rgbic^*_{d, Ma}: 1.0\ 0.76\ 0.0\ 1.0\ 1.0$

triángulo claridad  $T^*$

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

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

$H^*_d$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$
R00Y_100_100 <sub>d</sub>	45.4	70.9	44.8	83.9	32
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G00B_100_100 <sub>d</sub>	50.0	-65.0	29.6	71.4	155
G25B_100_100 <sub>d</sub>	52.9	-48.6	-8.0	49.3	189
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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



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gráfico TUB-QS27; código de tono:  $H^*_d=R75Y_d$   
gráfico según a DIN 33872, 3D=1, de=0,  $cmy0^*$

entrada:  $rgb/cmyk \rightarrow rgb_{dd}$   
salida: 3D-linealización a  $cmy0^*_{dd}$

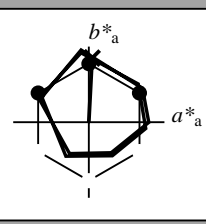


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$H^*_d = R75Y_d$

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

$HIC^*_d$   
código de tono para los colores de esta página:  
 $H^*_d = R75Y_d$   
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):

$LabCh^*_{d,Ma}$ : 78 4 84 84 87

$HIC^*_{d,Ma}$ : R75Y\_100\_100d

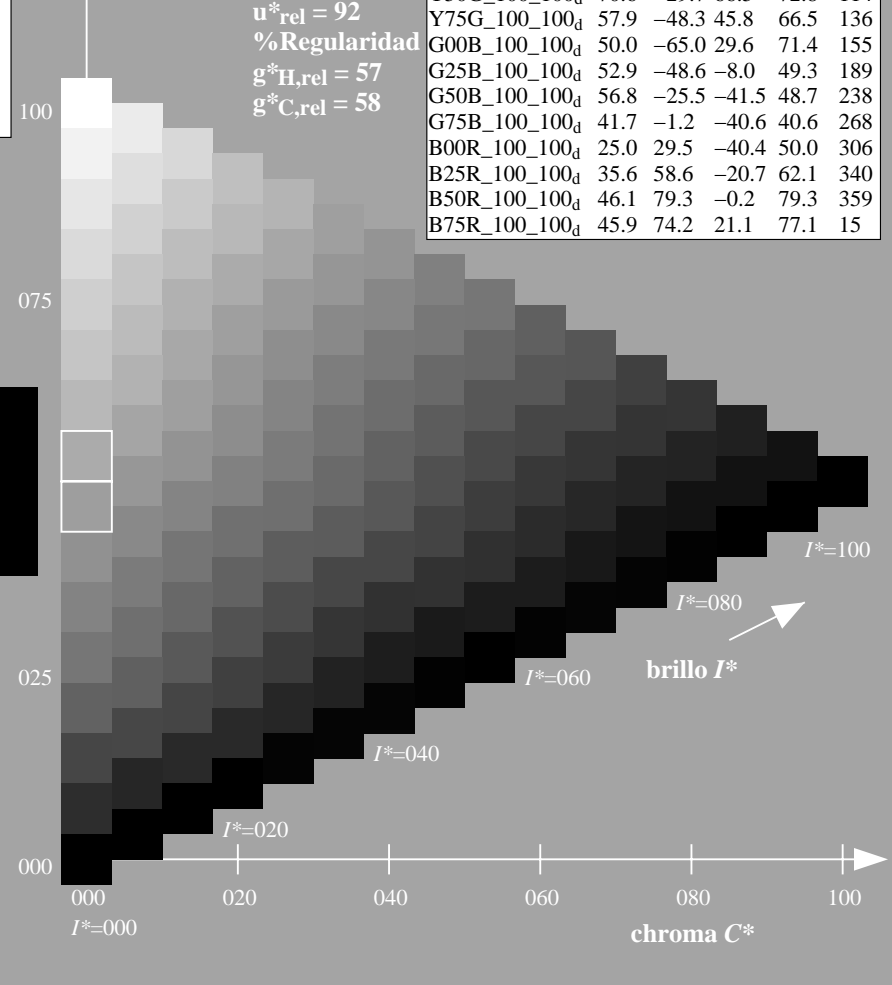
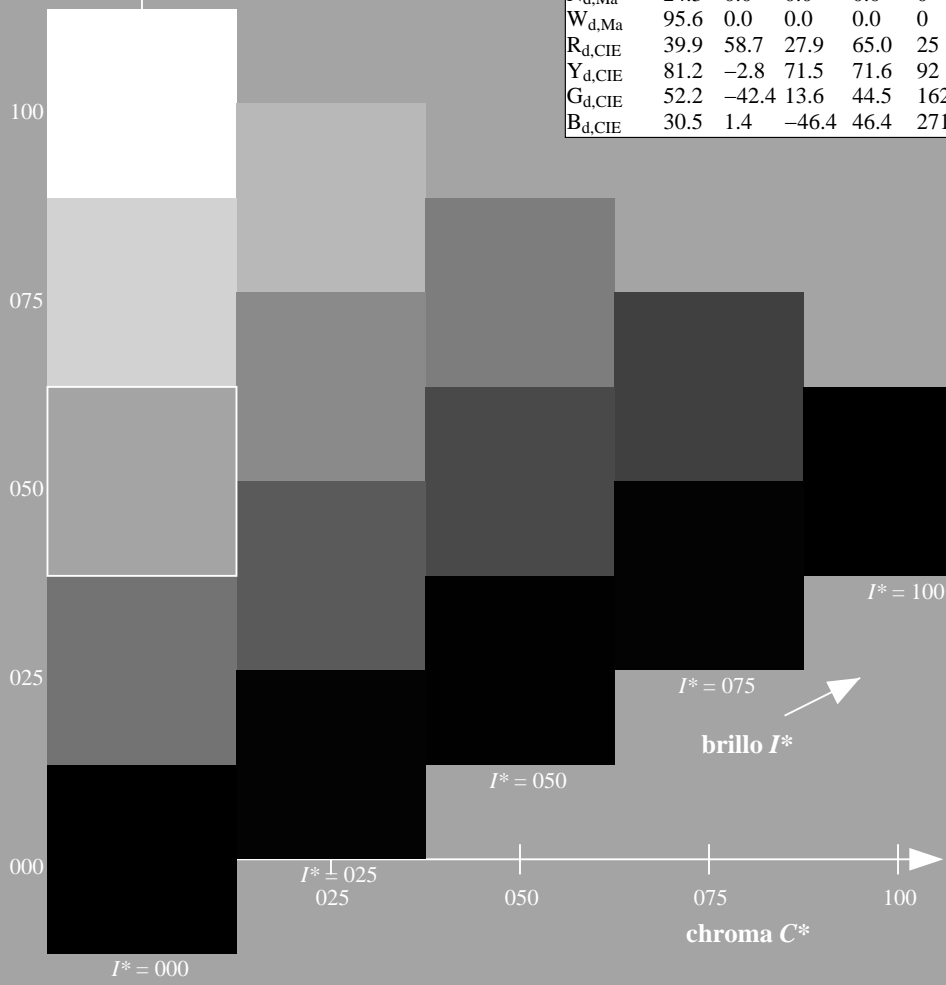
$rgbic^*_{d,Ma}$ : 1.0 0.76 0.0 1.0 1.0

triángulo claridad  $T^*$

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

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

$H^*_d$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$
R00Y_100_100d	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



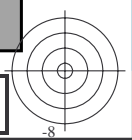
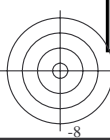
vea archivos semejantes: <http://130.149.60.45/~farbmetrik/QS27/QS27.HTM>  
información técnica: <http://www.ps.bam.de> o <http://130.149.60.45/~farbmetrik>

TUB matrícula: 20130201-QS27/QS27L0FP.PDF /.PS  
aplicación para la medida salida en la impresión offset, separación cmy0\* (CMY0)

TUB material: code=rh4ta

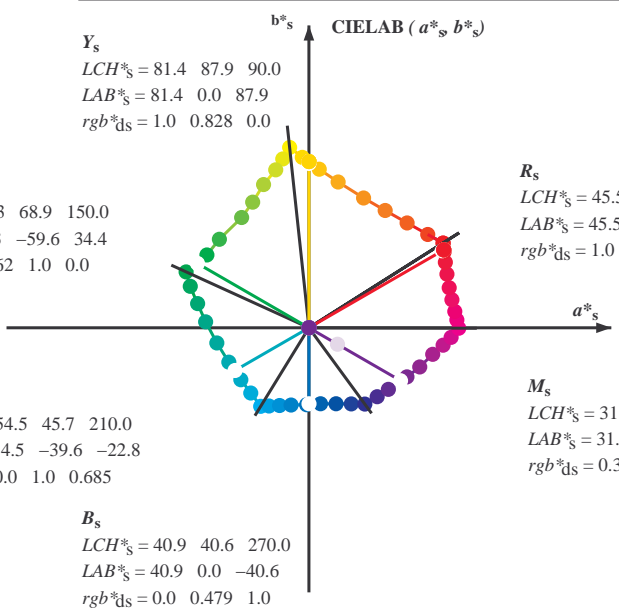
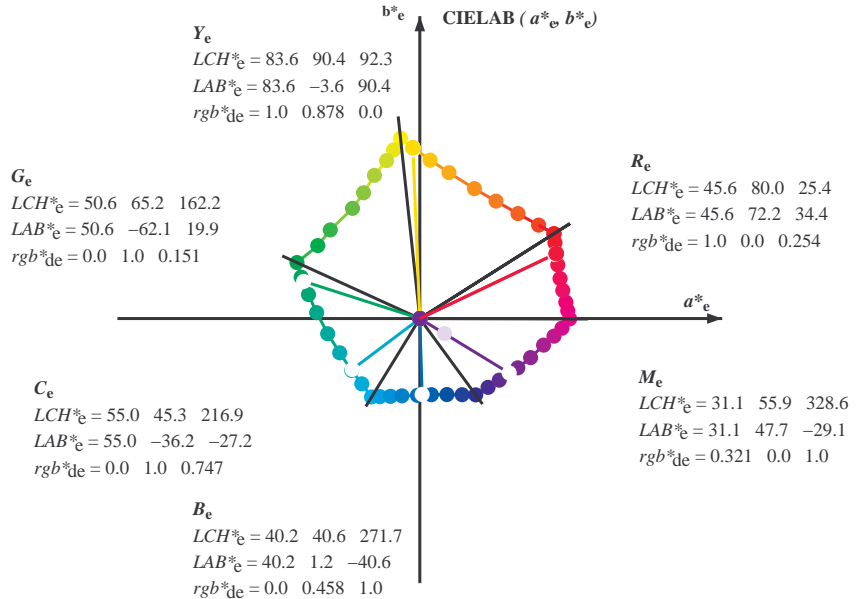
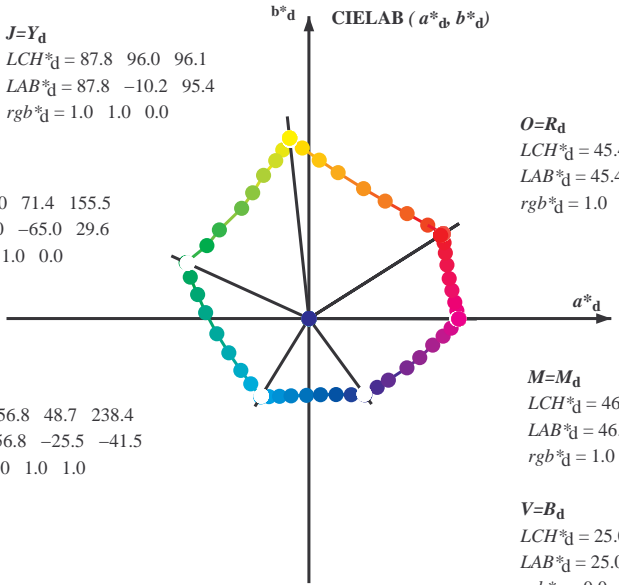
gráfico TUB-QS27; código de tono:  $H^*_d=R75Y_d$   
gráfico según a DIN 33872, 3D=1, de=0,  $cmy0^*$

entrada:  $rgb/cmyk \rightarrow rgb_{dd}$   
salida: 3D-linealización a  $cmy0^*_{dd}$





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)  
 $h_{ab}, h_{ab,d}$   
 $rgb^*_e$

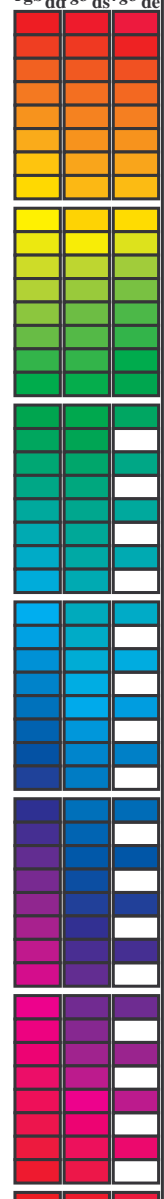
vea archivos semejantes: http://130.149.60.45/~farbmetrik/QS27/QS27.HTM  
información técnica: http://www.ps.bam.de o http://130.149.60.45/~farbmetrik

TUB matrícula: 20130201-QS27/QS27L0FP.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 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>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>, r<sub>gb</sub><sup>a</sup>, d<sub>dex361M</sub>, LAB\*<sub>dex361M</sub>. Rows contain numerical data for various color points.



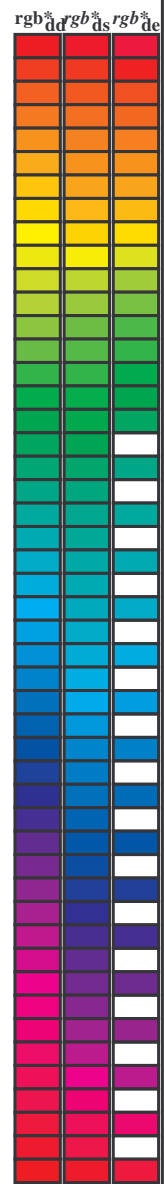
vea archivos semejantes: http://130.149.60.45/~farbmetrik/QS27/QS27.HTM  
información técnica: http://www.ps.bam.de o http://130.149.60.45/~farbmetrik

TUB matrícula: 20130201-QS27/QS27L0FP.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>c</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 0.0 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/QS27/QS27.HTM>  
información técnica: <http://www.ps.bam.de> o <http://130.149.60.45/~farbmetrik>

TUB matrícula: 20130201-QS27/QS27L0FP.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

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* dd	rgb* ds	rgb* de
32	30	25	1.0 0.0 0.0	45.4 70.9 44.8 83.9 32	1.0	1.0 0.0 0.096	45.5 71.4 41.2 82.4 30	1.0	1.0 0.0 0.0	1.0 0.0 0.255	45.7 72.2 34.4 80.0 25	1.0	1.0 0.0 0.0		
33	31	26	1.0 0.016	45.9 69.8 45.5 83.4 33	1.0	1.0 0.0 0.055	45.5 71.2 42.8 83.1 31	1.0	1.0 0.0 0.017	45.6 72.0 36.1 80.6 26	1.0	1.0 0.0 0.017			
33	32	27	1.0 0.033	46.3 68.8 46.1 82.8 33	1.0	1.0 0.0 0.013	45.5 71.0 44.4 83.7 32	1.0	1.0 0.0 0.033	45.6 71.8 37.7 81.1 27	1.0	1.0 0.0 0.033			
34	33	28	1.0 0.05	46.8 67.7 46.8 82.3 34	1.0	1.0 0.015	45.9 70.0 45.5 83.5 33	1.0	1.0 0.0 0.05	45.6 71.6 39.4 81.7 28	1.0	1.0 0.0 0.05			
35	34	29	1.0 0.066	47.3 66.6 47.4 81.8 35	1.0	1.0 0.036	46.5 68.6 46.3 82.8 34	1.0	1.0 0.0 0.067	45.5 71.4 41.1 82.4 29	1.0	1.0 0.0 0.067			
36	35	31	1.0 0.083	47.7 65.5 48.0 81.2 36	1.0	1.0 0.057	47.1 67.3 47.1 82.1 35	1.0	1.0 0.0 0.083	45.5 71.2 42.9 83.1 31	1.0	1.0 0.0 0.083			
36	36	32	1.0 0.1	48.2 64.4 48.5 80.7 36	1.0	1.0 0.079	47.6 65.9 47.9 81.4 36	1.0	1.0 0.1 0.0	45.5 71.0 44.6 83.8 32	1.0	1.0 0.1 0.0			
37	37	33	1.0 0.116	48.6 63.3 49.1 80.2 37	1.0	1.0 0.1	48.2 64.5 48.6 80.7 37	1.0	1.0 0.117	46.0 69.6 45.7 83.3 33	1.0	1.0 0.117			
38	38	34	1.0 0.133	49.2 62.1 49.8 79.6 38	1.0	1.0 0.121	48.8 63.1 49.3 80.1 38	1.0	1.0 0.133	46.7 68.1 46.6 82.5 34	1.0	1.0 0.133			
39	39	35	1.0 0.15	49.8 60.7 50.7 79.1 39	1.0	1.0 0.137	49.4 61.8 50.1 79.6 39	1.0	1.0 0.15	47.4 66.6 47.5 81.8 35	1.0	1.0 0.15			
41	40	36	1.0 0.166	50.5 59.2 51.6 78.6 41	1.0	1.0 0.151	49.9 60.6 50.9 79.1 40	1.0	1.0 0.167	48.0 65.0 48.3 81.0 36	1.0	1.0 0.167			
42	41	37	1.0 0.183	51.1 57.8 52.5 78.1 42	1.0	1.0 0.166	50.5 59.4 51.6 78.7 41	1.0	1.0 0.183	48.7 63.5 49.1 80.2 37	1.0	1.0 0.183			
43	42	38	1.0 0.2	51.7 56.3 53.3 77.5 43	1.0	1.0 0.18	51.0 58.1 52.3 78.2 42	1.0	1.0 0.2	49.3 62.0 49.9 79.6 38	1.0	1.0 0.2			
44	43	39	1.0 0.216	52.4 54.9 54.0 77.0 44	1.0	1.0 0.194	51.6 56.9 53.0 77.8 43	1.0	1.0 0.217	49.9 60.7 50.8 79.1 39	1.0	1.0 0.217			
45	44	41	1.0 0.233	53.0 53.4 54.8 76.5 45	1.0	1.0 0.209	52.1 55.6 53.7 77.3 44	1.0	1.0 0.233	50.5 59.3 51.7 78.6 41	1.0	1.0 0.233			
46	45	42	1.0 0.25	53.6 51.9 55.5 76.0 46	1.0	1.0 0.223	52.7 54.4 54.4 76.9 45	1.0	1.0 0.25	51.1 57.9 52.5 78.1 42	1.0	1.0 0.25			
48	46	43	1.0 0.266	54.4 50.4 56.5 75.7 48	1.0	1.0 0.237	53.2 53.1 55.0 76.4 46	1.0	1.0 0.267	51.7 56.5 53.2 77.6 43	1.0	1.0 0.267			
49	47	44	1.0 0.283	55.1 48.9 57.4 75.4 49	1.0	1.0 0.251	53.7 51.8 55.6 76.0 47	1.0	1.0 0.283	52.3 55.1 54.0 77.1 44	1.0	1.0 0.283			
50	48	45	1.0 0.3	55.8 47.4 58.4 75.2 50	1.0	1.0 0.264	54.3 50.7 56.3 75.8 48	1.0	1.0 0.3	52.9 53.7 54.7 76.6 45	1.0	1.0 0.3			
52	49	46	1.0 0.316	56.6 45.8 59.2 74.9 52	1.0	1.0 0.276	54.8 49.6 57.1 75.6 49	1.0	1.0 0.317	53.5 52.3 55.4 76.1 46	1.0	1.0 0.317			
53	50	47	1.0 0.333	57.3 44.2 60.1 74.6 53	1.0	1.0 0.288	55.4 48.5 57.8 75.4 50	1.0	1.0 0.333	54.2 51.0 56.2 75.9 47	1.0	1.0 0.333			
54	51	48	1.0 0.35	58.0 42.7 60.9 74.4 54	1.0	1.0 0.301	55.9 47.3 58.5 75.2 51	1.0	1.0 0.35	54.8 49.8 57.0 75.6 48	1.0	1.0 0.35			
56	52	49	1.0 0.366	58.8 41.1 61.7 74.1 56	1.0	1.0 0.313	56.5 46.2 59.1 75.0 52	1.0	1.0 0.367	55.4 48.5 57.8 75.4 49	1.0	1.0 0.367			
57	53	51	1.0 0.383	59.5 39.5 62.5 74.0 57	1.0	1.0 0.326	57.0 45.0 59.8 74.8 53	1.0	1.0 0.383	56.0 47.2 58.5 75.2 51	1.0	1.0 0.383			
59	54	52	1.0 0.4	60.3 38.1 63.5 74.1 59	1.0	1.0 0.338	57.6 43.9 60.4 74.6 54	1.0	1.0 0.4	56.6 45.9 59.3 75.0 52	1.0	1.0 0.4			
60	55	53	1.0 0.416	61.0 36.6 64.5 74.1 60	1.0	1.0 0.35	58.1 42.7 61.0 74.4 55	1.0	1.0 0.417	57.2 44.6 60.0 74.8 53	1.0	1.0 0.417			
61	56	54	1.0 0.433	61.8 35.1 65.4 74.2 61	1.0	1.0 0.363	58.6 41.5 61.5 74.2 56	1.0	1.0 0.433	57.8 43.3 60.6 74.5 54	1.0	1.0 0.433			
63	57	55	1.0 0.45	62.6 33.6 66.2 74.3 63	1.0	1.0 0.375	59.2 40.3 62.1 74.0 57	1.0	1.0 0.45	58.4 42.0 61.3 74.3 55	1.0	1.0 0.45			
64	58	56	1.0 0.466	63.3 32.0 67.1 74.4 64	1.0	1.0 0.387	59.8 39.3 62.8 74.1 58	1.0	1.0 0.467	59.0 40.7 61.9 74.1 56	1.0	1.0 0.467			
65	59	57	1.0 0.483	64.1 30.5 67.9 74.4 65	1.0	1.0 0.4	60.3 38.2 63.5 74.1 59	1.0	1.0 0.483	59.6 39.5 62.7 74.1 57	1.0	1.0 0.483			
67	60	58	1.0 0.5	64.9 28.9 68.6 74.5 67	1.0	1.0 0.412	60.9 37.1 64.2 74.2 60	1.0	1.0 0.5	60.3 38.3 63.5 74.1 58	1.0	1.0 0.5			
68	61	60	1.0 0.516	65.8 27.2 69.9 75.0 68	1.0	1.0 0.424	61.4 36.0 64.9 74.2 61	1.0	1.0 0.517	60.9 37.1 64.2 74.2 60	1.0	1.0 0.517			
70	62	61	1.0 0.533	66.8 25.5 71.1 75.6 70	1.0	1.0 0.436	62.0 34.9 65.6 74.3 62	1.0	1.0 0.533	61.5 35.8 65.0 74.2 61	1.0	1.0 0.533			
71	63	62	1.0 0.55	67.7 23.8 72.3 76.1 71	1.0	1.0 0.449	62.6 33.7 66.2 74.3 63	1.0	1.0 0.55	62.1 34.6 65.7 74.3 62	1.0	1.0 0.55			
73	64	63	1.0 0.566	68.7 22.0 73.5 76.7 73	1.0	1.0 0.461	63.1 32.6 66.9 74.4 64	1.0	1.0 0.567	62.8 33.3 66.4 74.3 63	1.0	1.0 0.567			
74	65	64	1.0 0.583	69.7 20.2 74.6 77.3 74	1.0	1.0 0.473	63.7 31.5 67.5 74.4 65	1.0	1.0 0.583	63.4 32.1 67.1 74.4 64	1.0	1.0 0.583			
76	66	65	1.0 0.6	70.6 18.3 75.6 77.8 76	1.0	1.0 0.486	64.2 30.3 68.0 74.5 66	1.0	1.0 0.6	64.0 30.8 67.8 74.5 65	1.0	1.0 0.6			
77	67	66	1.0 0.616	71.6 16.4 76.6 78.4 77	1.0	1.0 0.498	64.8 29.1 68.6 74.5 67	1.0	1.0 0.617	64.6 29.5 68.4 74.5 66	1.0	1.0 0.617			
79	68	67	1.0 0.633	72.5 14.8 77.6 79.0 79	1.0	1.0 0.509	65.4 28.0 69.4 74.8 68	1.0	1.0 0.633	65.3 28.2 69.2 74.8 67	1.0	1.0 0.633			
80	69	68	1.0 0.65	73.2 13.6 78.5 79.7 80	1.0	1.0 0.52	66.1 26.9 70.2 75.2 69	1.0	1.0 0.65	66.0 27.0 70.1 75.2 68	1.0	1.0 0.65			
81	70	70	1.0 0.666	74.0 12.3 79.5 80.4 81	1.0	1.0 0.531	66.7 25.8 71.0 75.6 70	1.0	1.0 0.667	66.7 25.8 71.0 75.6 70	1.0	1.0 0.667			
82	71	71	1.0 0.683	74.8 11.0 80.4 81.1 82	1.0	1.0 0.542	67.3 24.7 71.8 75.9 71	1.0	1.0 0.683	67.4 24.6 71.9 76.0 71	1.0	1.0 0.683			
83	72	72	1.0 0.7	75.6 9.6 81.3 81.9 83	1.0	1.0 0.553	67.9 23.6 72.6 76.3 72	1.0	1.0 0.7	68.1 23.3 72.8 76.4 72	1.0	1.0 0.7			
84	73	73	1.0 0.716	76.3 8.3 82.2 82.6 84	1.0	1.0 0.564	68.6 22.4 73.3 76.6 73	1.0	1.0 0.717	68.8 22.0 73.6 76.8 73	1.0	1.0 0.717			
85	74	74	1.0 0.733	77.1 6.9 83.0 83.3 85	1.0	1.0 0.574	69.2 21.2 74.0 77.0 74	1.0	1.0 0.733	69.5 20.6 74.4 77.2 74	1.0	1.0 0.733			
86	75	75	1.0 0.75	77.9 5.4 83.8 84.0 86	1.0	1.0 0.585	69.8 20.0 74.7 77.4 75	1.0	1.0 0.75	70.2 19.3 75.2 77.6 75	1.0	1.0 0.75			

vea archivos semejantes: <http://130.149.60.45/~farbmetrik/QS27/QS27.HTM>  
información técnica: <http://www.ps.bam.de> o <http://130.149.60.45/~farbmetrik>

TUB matrícula: 20130201-QS27/QS27L0FP.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>:  $h_{ab,e} = 25.5, 92.3, 162.2, 217.0, 271.7, 328.6$

$h_{ab,d}$	$h_{ab,s}$	$h_{ab,e}$	$rgb^*_{dd}361M$	$LAB^*_{dd}361Mi$ (x=LabCh)	$rgb^*_{ds}361Mi$	$LAB^*_{ds}361Mi$ (x=LabCh)	$rgb^*_{dd}361Mi$	$LAB^*_{de}361Mi$	$rgb^*_{dd}361Mi$	$LAB^*_{dex}361Mi$ (x=LabCh)	$rgb^*_{dd}361Mi$	$rgb^*_{ds}361Mi$	$rgb^*_{de}$
114	120	127	0.5	1.0	0.0	70.6	-29.7	66.5	72.8	114	0.399	1.0	0.0
115	121	128	0.483	1.0	0.0	69.9	-30.5	65.4	72.2	115	0.382	1.0	0.0
116	122	129	0.466	1.0	0.0	69.3	-31.4	64.3	71.6	116	0.37	1.0	0.0
117	123	130	0.45	1.0	0.0	68.6	-32.2	63.2	71.0	117	0.361	1.0	0.0
117	124	131	0.433	1.0	0.0	68.0	-33.0	62.1	70.4	117	0.352	1.0	0.0
118	125	133	0.416	1.0	0.0	67.3	-33.8	61.0	69.8	118	0.343	1.0	0.0
119	126	134	0.4	1.0	0.0	66.7	-34.5	59.9	69.2	119	0.334	1.0	0.0
120	127	135	0.383	1.0	0.0	66.0	-35.2	58.8	68.6	120	0.325	1.0	0.0
122	128	136	0.366	1.0	0.0	65.2	-36.4	57.6	68.2	122	0.316	1.0	0.0
124	129	137	0.35	1.0	0.0	64.2	-38.2	56.2	67.9	124	0.307	1.0	0.0
126	130	138	0.333	1.0	0.0	63.2	-39.8	54.7	67.7	126	0.298	1.0	0.0
127	131	140	0.316	1.0	0.0	62.3	-41.4	53.2	67.5	127	0.289	1.0	0.0
129	132	141	0.3	1.0	0.0	61.3	-43.0	51.7	67.3	129	0.28	1.0	0.0
131	133	142	0.283	1.0	0.0	60.3	-44.5	50.1	67.0	131	0.271	1.0	0.0
133	134	143	0.266	1.0	0.0	59.3	-45.9	48.5	66.8	133	0.262	1.0	0.0
135	135	144	0.25	1.0	0.0	58.4	-47.3	46.8	66.6	135	0.253	1.0	0.0
136	136	145	0.233	1.0	0.0	57.9	-48.3	45.8	66.5	136	0.241	1.0	0.0
137	137	147	0.216	1.0	0.0	57.4	-49.2	44.7	66.5	137	0.227	1.0	0.0
138	138	148	0.2	1.0	0.0	56.9	-50.1	43.6	66.5	138	0.213	1.0	0.0
140	139	149	0.183	1.0	0.0	56.4	-51.0	42.5	66.4	140	0.2	1.0	0.0
141	140	150	0.166	1.0	0.0	55.9	-51.9	41.4	66.4	141	0.186	1.0	0.0
142	141	151	0.15	1.0	0.0	55.4	-52.7	40.3	66.4	142	0.172	1.0	0.0
143	142	152	0.133	1.0	0.0	54.9	-53.5	39.1	66.3	143	0.159	1.0	0.0
145	143	154	0.116	1.0	0.0	54.4	-54.7	38.0	66.6	145	0.145	1.0	0.0
146	144	155	0.1	1.0	0.0	53.7	-56.2	37.0	67.3	146	0.131	1.0	0.0
148	145	156	0.083	1.0	0.0	53.1	-57.7	35.9	68.0	148	0.119	1.0	0.0
149	146	157	0.066	1.0	0.0	52.5	-59.2	34.7	68.7	149	0.107	1.0	0.0
151	147	158	0.049	1.0	0.0	51.9	-60.7	33.5	69.4	151	0.096	1.0	0.0
152	148	159	0.033	1.0	0.0	51.3	-62.2	32.2	70.0	152	0.085	1.0	0.0
154	149	161	0.016	1.0	0.0	50.6	-63.6	30.9	70.7	154	0.074	1.0	0.0
155	150	162	0.0	1.0	0.0	50.0	-65.0	29.6	71.4	155	0.062	1.0	0.0
156	151	163	0.0	1.0	0.016	50.1	-64.7	28.5	70.7	156	0.051	1.0	0.017
156	152	164	0.0	1.0	0.033	50.1	-64.5	27.4	70.1	156	0.04	1.0	0.033
157	153	164	0.0	1.0	0.05	50.2	-64.2	26.4	69.4	157	0.028	1.0	0.05
158	154	165	0.0	1.0	0.066	50.3	-63.9	25.4	68.8	158	0.017	1.0	0.067
159	155	166	0.0	1.0	0.083	50.3	-63.6	24.4	68.1	159	0.006	1.0	0.083
159	156	167	0.0	1.0	0.1	50.4	-63.3	23.4	67.5	159	0.0	1.0	0.1
160	157	168	0.0	1.0	0.116	50.5	-62.9	22.4	66.8	160	0.0	1.0	0.117
161	158	169	0.0	1.0	0.133	50.5	-62.5	21.2	66.1	161	0.0	1.0	0.133
162	159	170	0.0	1.0	0.15	50.6	-62.1	19.9	65.2	162	0.0	1.0	0.15
163	160	171	0.0	1.0	0.166	50.7	-61.6	18.7	64.4	163	0.0	1.0	0.167
164	161	172	0.0	1.0	0.183	50.8	-61.1	17.4	63.6	164	0.0	1.0	0.183
164	162	173	0.0	1.0	0.2	50.9	-60.6	16.2	62.7	164	0.0	1.0	0.2
165	163	174	0.0	1.0	0.216	51.0	-60.1	15.0	61.9	165	0.0	1.0	0.217
166	164	175	0.0	1.0	0.233	51.1	-59.5	13.9	61.1	166	0.0	1.0	0.233
167	165	175	0.0	1.0	0.25	51.2	-58.9	12.7	60.3	167	0.0	1.0	0.25

vea archivos semejantes: <http://130.149.60.45/~farbmetrik/QS27/QS27.HTM>  
información técnica: <http://www.ps.bam.de> o <http://130.149.60.45/~farbmetrik>

TUB matrícula: 20130201-QS27/QS27L0FP.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

h <sub>ab,d</sub>	h <sub>ab,s</sub>	h <sub>ab,e</sub>	rgb <sup>*</sup> <sub>dd361M</sub>	LAB <sup>*</sup> <sub>dd361Mi (x=LabCh)</sub>	rgb <sup>*</sup> <sub>ds361Mi</sub>	LAB <sup>*</sup> <sub>dsx361Mi (x=LabCh)</sub>	rgb <sup>*</sup> <sub>dd361Mi</sub>	LAB <sup>*</sup> <sub>dc361Mi</sub>	LAB <sup>*</sup> <sub>dex361Mi (x=LabCh)</sub>	rgb <sup>*</sup> <sub>dd361Mi</sub>	rgb <sup>*</sup> <sub>dd</sub>	rgb <sup>*</sup> <sub>ds</sub>	rgb <sup>*</sup> <sub>de</sub>
167	165	175	0.0	1.0	0.25	51.2	-58.9	12.7	60.3	167	0.0	1.0	0.25
168	166	176	0.0	1.0	0.266	51.3	-58.4	11.3	59.5	168	0.0	1.0	0.267
170	167	177	0.0	1.0	0.283	51.4	-57.9	10.0	58.8	170	0.0	1.0	0.283
171	168	178	0.0	1.0	0.3	51.5	-57.3	8.7	58.0	171	0.0	1.0	0.3
172	169	179	0.0	1.0	0.316	51.6	-56.8	7.4	57.3	172	0.0	1.0	0.317
173	170	180	0.0	1.0	0.333	51.7	-56.2	6.1	56.5	173	0.0	1.0	0.333
174	171	181	0.0	1.0	0.35	51.8	-55.5	4.9	55.8	174	0.0	1.0	0.35
176	172	182	0.0	1.0	0.366	51.9	-54.9	3.7	55.0	176	0.0	1.0	0.367
177	173	183	0.0	1.0	0.383	52.0	-54.2	2.3	54.3	177	0.0	1.0	0.383
179	174	184	0.0	1.0	0.4	52.2	-53.6	0.7	53.6	179	0.0	1.0	0.4
180	175	185	0.0	1.0	0.416	52.3	-52.8	-0.8	52.9	180	0.0	1.0	0.417
182	176	185	0.0	1.0	0.433	52.4	-52.1	-2.3	52.1	182	0.0	1.0	0.433
184	177	186	0.0	1.0	0.45	52.6	-51.3	-3.8	51.4	184	0.0	1.0	0.45
185	178	187	0.0	1.0	0.466	52.7	-50.4	-5.3	50.7	185	0.0	1.0	0.467
187	179	188	0.0	1.0	0.483	52.8	-49.6	-6.6	50.0	187	0.0	1.0	0.483
189	180	189	0.0	1.0	0.5	52.9	-48.8	-8.0	49.3	189	0.0	1.0	0.5
191	181	190	0.0	1.0	0.516	53.1	-47.9	-9.5	48.9	191	0.0	1.0	0.517
193	182	191	0.0	1.0	0.533	53.2	-47.2	-10.9	48.4	193	0.0	1.0	0.533
194	183	192	0.0	1.0	0.55	53.4	-46.4	-12.3	48.0	194	0.0	1.0	0.55
196	184	193	0.0	1.0	0.566	53.5	-45.6	-13.7	47.6	196	0.0	1.0	0.567
198	185	194	0.0	1.0	0.583	53.6	-44.7	-15.0	47.1	198	0.0	1.0	0.583
200	186	195	0.0	1.0	0.6	53.8	-43.8	-16.3	46.7	200	0.0	1.0	0.6
202	187	195	0.0	1.0	0.616	53.9	-42.8	-17.5	46.3	202	0.0	1.0	0.617
204	188	196	0.0	1.0	0.633	54.1	-42.0	-18.8	46.0	204	0.0	1.0	0.633
206	189	197	0.0	1.0	0.65	54.2	-41.2	-20.1	45.9	206	0.0	1.0	0.65
207	190	198	0.0	1.0	0.666	54.3	-40.5	-21.4	45.8	207	0.0	1.0	0.667
209	191	199	0.0	1.0	0.683	54.5	-39.7	-22.7	45.7	209	0.0	1.0	0.683
211	192	200	0.0	1.0	0.7	54.6	-38.8	-23.9	45.6	211	0.0	1.0	0.7
213	193	201	0.0	1.0	0.716	54.7	-37.9	-25.1	45.5	213	0.0	1.0	0.717
215	194	202	0.0	1.0	0.733	54.9	-37.0	-26.3	45.4	215	0.0	1.0	0.733
217	195	203	0.0	1.0	0.75	55.0	-36.0	-27.4	45.3	217	0.0	1.0	0.75
218	196	204	0.0	1.0	0.766	55.1	-35.4	-28.4	45.4	218	0.0	1.0	0.767
220	197	205	0.0	1.0	0.783	55.2	-34.7	-29.4	45.5	220	0.0	1.0	0.783
221	198	206	0.0	1.0	0.8	55.3	-34.0	-30.3	45.6	221	0.0	1.0	0.8
223	199	206	0.0	1.0	0.816	55.4	-33.3	-31.3	45.7	223	0.0	1.0	0.817
224	200	207	0.0	1.0	0.833	55.6	-32.6	-32.2	45.9	224	0.0	1.0	0.833
226	201	208	0.0	1.0	0.85	55.7	-31.8	-33.1	46.0	226	0.0	1.0	0.85
227	202	209	0.0	1.0	0.866	55.8	-31.1	-34.0	46.1	227	0.0	1.0	0.867
229	203	210	0.0	1.0	0.883	55.9	-30.4	-35.0	46.3	229	0.0	1.0	0.883
230	204	211	0.0	1.0	0.9	56.0	-29.7	-35.9	46.7	230	0.0	1.0	0.9
231	205	212	0.0	1.0	0.916	56.1	-29.1	-36.9	47.0	231	0.0	1.0	0.917
233	206	213	0.0	1.0	0.933	56.3	-28.4	-37.8	47.3	233	0.0	1.0	0.933
234	207	214	0.0	1.0	0.95	56.4	-27.7	-38.8	47.7	234	0.0	1.0	0.95
235	208	215	0.0	1.0	0.966	56.5	-27.0	-39.7	48.0	235	0.0	1.0	0.967
237	209	216	0.0	1.0	0.983	56.6	-26.2	-40.6	48.3	237	0.0	1.0	0.983
238	210	216	0.0	1.0	1.0	56.8	-25.5	-41.5	48.7	238	0.0	1.0	1.0

vea archivos semejantes: <http://130.149.60.45/~farbmetrik/QS27/QS27.HTM>  
información técnica: <http://www.ps.bam.de> o <http://130.149.60.45/~farbmetrik>

TUB matrícula: 20130201-QS27/QS27L0FP.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<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 <sup>*</sup> <sub>dd</sub> 361M	LAB <sup>*</sup> <sub>dd</sub> 361Mi (x=LabCh)	rgb <sup>*</sup> <sub>ds</sub> 361Mi	LAB <sup>*</sup> <sub>ds</sub> 361Mi (x=LabCh)	rgb <sup>*</sup> <sub>de</sub> 361Mi	LAB <sup>*</sup> <sub>de</sub> 361Mi (x=LabCh)	rgb <sup>*</sup> <sub>dd</sub> 361Mi	rgb <sup>*</sup> <sub>ds</sub> 361Mi	rgb <sup>*</sup> <sub>de</sub> 361Mi
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	
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	
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	
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	
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	
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	
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	
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	
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	
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	
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	
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	
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	
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	
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	
306	270	271	0.0 0.0 1.0	25.0 29.5 -40.4 50.0 306	B <sub>d</sub> 0.0 0.479 1.0	41.0 0.0 -40.6 40.7 270	B <sub>s</sub> 0.0 0.0 1.0	0.0 0.458 1.0	40.3 1.2 -40.6 40.7 271	B <sub>e</sub> 0.0 0.0 1.0	
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	
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	
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	
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	
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	
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	
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	
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	
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	
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	
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	
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	
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	
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	
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	
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	
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 1.0	
326	288	288	0.3 0.0 1.0	30.4 46.0 -30.3 55.1 326	0.0 0.269 1.0	33.5 13.1 -40.2 42.4 288	0.3 0.0 1.0	0.0 0.26 1.0	33.2 13.7 -40.2 42.5 288	0.3 0.0 1.0	
328	289	289	0.316 0.0 1.0	30.9 47.3 -29.4 55.7 328	0.0 0.257 1.0	33.1 13.9 -40.2 42.6 289	0.317 0.0 1.0	0.0 0.249 1.0	32.8 14.4 -40.1 42.7 289	0.317 0.0 1.0	
329	290	290	0.333 0.0 1.0	31.4 48.6 -28.5 56.4 329	0.0 0.245 1.0	32.7 14.6 -40.1 42.8 290	0.333 0.0 1.0	0.0 0.236 1.0	32.4 15.2 -40.2 43.1 290	0.333 0.0 1.0	
331	291	291	0.35 0.0 1.0	32.0 49.9 -27.5 57.0 331	0.0 0.232 1.0	32.2 15.5 -40.2 43.2 291	0.35 0.0 1.0	0.0 0.223 1.0	32.0 16.0 -40.3 43.4 291	0.35 0.0 1.0	
332	292	292	0.366 0.0 1.0	32.5 51.2 -26.5 57.7 332	0.0 0.219 1.0	31.8 16.3 -40.3 43.6 292	0.367 0.0 1.0	0.0 0.211 1.0	31.5 16.8 -40.3 43.8 292	0.367 0.0 1.0	
333	293	293	0.383 0.0 1.0	32.9 52.3 -25.7 58.3 333	0.0 0.205 1.0	31.4 17.2 -40.3 43.9 293	0.383 0.0 1.0	0.0 0.198 1.0	31.1 17.6 -40.3 44.1 293	0.383 0.0 1.0	
334	294	294	0.4 0.0 1.0	33.3 53.2 -25.0 58.8 334	0.0 0.192 1.0	30.9 18.0 -40.3 44.3 294	0.4 0.0 1.0	0.0 0.186 1.0	30.7 18.4 -40.4 44.5 294	0.4 0.0 1.0	
335	295	295	0.416 0.0 1.0	33.7 54.1 -24.4 59.4 335	0.0 0.179 1.0	30.5 18.9 -40.4 44.6 295	0.417 0.0 1.0	0.0 0.173 1.0	30.3 19.2 -40.4 44.8 295	0.417 0.0 1.0	
336	296	296	0.433 0.0 1.0	34.0 55.0 -23.7 59.9 336	0.0 0.166 1.0	30.0 19.7 -40.3 45.0 296	0.433 0.0 1.0	0.0 0.161 1.0	29.9 20.1 -40.3 45.1 296	0.433 0.0 1.0	
337	297	297	0.45 0.0 1.0	34.4 55.9 -23.0 60.5 337	0.0 0.152 1.0	29.6 20.6 -40.3 45.4 297	0.45 0.0 1.0	0.0 0.148 1.0	29.4 20.9 -40.3 45.5 297	0.45 0.0 1.0	
338	298	298	0.466 0.0 1.0	34.8 56.8 -22.2 61.0 338	0.0 0.139 1.0	29.1 21.5 -40.3 45.7 298	0.467 0.0 1.0	0.0 0.136 1.0	29.0 21.7 -40.3 45.8 298	0.467 0.0 1.0	
339	299	299	0.483 0.0 1.0	35.2 57.7 -21.5 61.6 339	0.0 0.126 1.0	28.7 22.3 -40.2 46.1 299	0.483 0.0 1.0	0.0 0.122 1.0	28.6 22.6 -40.2 46.2 299	0.483 0.0 1.0	
340	300	300	0.5 0.0 1.0	35.6 58.6 -20.7 62.1 340	0.0 0.109 1.0	28.2 23.3 -40.3 46.6 300	0.5 0.0 1.0	0.0 0.106 1.0	28.1 23.5 -40.3 46.7 300	0.5 0.0 1.0	



vea archivos semejantes: <http://130.149.60.45/~farbmetrik/QS27/QS27.L0FP.PDF> / .PS  
información técnica: <http://www.ps.bam.de> o <http://130.149.60.45/~farbmetrik>

TUB matricula: 20130201-QS27/QS27L0FP.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 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

Table with columns for device and elementary color parameters (h<sub>ab,d</sub>, h<sub>ab,s</sub>, h<sub>ab,e</sub>, rgb<sup>\*</sup>dd361M, LAB<sup>\*</sup>dsx361Mi, LAB<sup>\*</sup>dex361Mi, rgb<sup>\*</sup>dd361Mi, LAB<sup>\*</sup>dex361Mi) and a color bar on the right showing color transitions.

vea archivos semejantes: http://130.149.60.45/~farbmetrik/QS27/QS27.HTM información técnica: http://www.ps.bam.de o http://130.149.60.45/~farbmetrik

TUB matrícula: 20130201-QS27/QS27L0FP.PDF /.PS aplicación para la medida salida en la impresión offset, separación cmy0\* (CMY0) TUB material: code=rha4ta



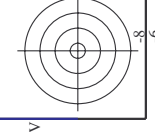
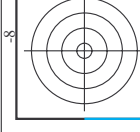
http://130.149.60.45/~farbmetrik/QS27/QS27LOFP.PDF /.PS; 3D-linealización F: 3D-linealización QS27/QS27LS30FP.DAT en archivo (F), página 18/33

Table with columns: nrf, HHC\*Fid, rpb\_Fid, icr\_Fid, Hs\_Fid, rpb\*Fid, LabC\*Fid, cmy0\*\_sep,Fid, rpb\*\*Fid, Hs\*\*Fid, rpb\*\*Fid, LabC\*\*Fid, delta. Rows include color codes like R00Y, R13Y, G00C, etc.

entrada: rgb/cmyk -> rgbd salida: 3D-linealización a cmy0\*dd

gráfico TUB-QS27; código de tono: H\*d=R75Yd colores y diferencia en color, ΔE\*

Table with columns: n/fj, H/C/F, r/g/b, i/c/t, h/s, r/g/b, LabC/H, LabC/H, cmyk, cmyk, r/g/b, h/s, LabC/H, LabC/H, delta. The table contains 450 rows of calibration data for color and grayscale printing.



entrada: rgb/cmyk -> rgbd salida: 3D-linealización a cmy0\*dd

gráfico TUB-QS27; código de tono: H\*d=R75Yd colores y diferencia en color, ΔE\*









http://130.149.60.45/~farbmetrik/QS27/QS27LOFP.PDF /.PS; 3D-linealización F: 3D-linealización QS27/QS27LS30FP.DAT en archivo (F), página 22/33

Table with columns: n, HHC\*Foid, rpb\_Foid, icr\_Foid, hsa\_Foid, rpb\_Foid, LabC0\*Foid, cmy0\*\_sep\_Foid, rpb\_Mid, hsa\_Mid, LabC0\*Mid, delta. Rows 162-242.

gráfico TUB-QS27; código de tono: H\*d=R75Yd colores y diferencia en color, ΔE\*

entrada: rgb/cmyk -> rgbd salida: 3D-linealización a cmy0\*dd

http://130.149.60.45/~farbmetrik/QS27/QS27LOFP.PDF /.PS; 3D-linealización F: 3D-linealización QS27/QS27LS30FP.DAT en archivo (F), página 23/33

Table with columns: n, HHC\*Foid, rpb\_Foid, icr\_Foid, hsa\_Foid, rpb\*Foid, LabC0\*Foid, LabC0\*Sep, cmy0\*Sep, rpb\*Yad, LabC0\*Yad, and delta. It contains a grid of numerical data for various color patches.

entrada: rgb/cmyk -> rgbd salida: 3D-linealización a cmy0\*dd

gráfico TUB-QS27; código de tono: H\*d=R75Yd colores y diferencia en color, ΔE\*









QS2710L

C

M

Y

O

L

V

C

M

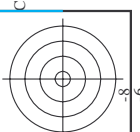
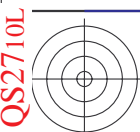
http://130.149.60.45/~farbmetrik/QS27/QS27LOFP.PDF /PS; 3D-linealización F: 3D-linealización QS27/QS27L30FP.DAT en archivo (F), página 27/33

Table with columns: n, HHC\*Fid, rpb\_Fid, icr\_Fid, hsa\_Fid, rpb\*Fid, LabC0\*Fid, cmy0\*\_sep,Fid, hsa\*Fid, rpb\*Fid, LabC0\*Fid, delta. Rows 567-647.

Entrada: rgb/cmyk -> rgbd salida: 3D-linealización a cmy0\*dd gráfico TUB-QS27; código de tono: H\*d=R75Yd colores y diferencia en color, ΔE\*  
2-1032631-F0 QS270-TN, 27/33-F







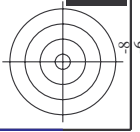
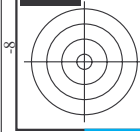
http://130.149.60.45/~farbmetrik/QS27/QS27LOFP.PDF /PS; 3D-linealización F: 3D-linealización QS27/QS27LS30FP.DAT en archivo (F), página 30/33

Table with columns: n, HHC\*Fid, rpb\_Fid, icr\_Fid, hsa\_Fid, rpb\*Fid, LabC\*Fid, cmy0\*\_sep,Fid, rpb\*\*Fid, hsa\*\*Fid, LabC\*\*Fid, delta. Rows 810-890.

vea archivos semejantes: http://130.149.60.45/~farbmetrik/QS27/QS27.HTM información técnica: http://www.ps.bam.de o http://130.149.60.45/~farbmetrik

entrada: rgb/cmyk -> rgbd salida: 3D-linealización a cmy0\*\*dd

gráfico TUB-QS27; código de tono: H\*d=R75Yd colores y diferencia en color, ΔE\*\*



QS2710L

QS2710L

QS2710L

QS2710L

http://130.149.60.45/~farbmetrik/QS27/QS27LOFP.PDF /.PS; 3D-linealización  
F: 3D-linealización QS27/QS27LS30FP.DAT en archivo (F), página 31/33

entrada: rgb/cmyk -> rgbd  
salida: 3D-linealización a cmy0\*dd

n	HC*Fid	rgb_Fid	icr_Fid	hsa_Fid	rgb*Fid	LabC*Fid	cmyk*sep_Fid	delta	LabC*Yid	rgb*Yid	hsa_Yid	delta
891	NW_1000	1.0	1.0	1.0	1.0	95.6	0.0	0.0	95.6	1.0	360	0.0
892	B50R_100.012ad	0.875	1.0	1.0	0.875	89.4	0.0	0.0	89.4	9.9	359.8	0.0
893	B50R_100.025ad	0.75	1.0	1.0	0.75	87.2	0.0	0.0	87.2	19.8	359.8	0.0
894	B50R_100.037ad	0.625	1.0	1.0	0.625	85.0	0.0	0.0	85.0	29.7	359.8	0.0
895	B50R_100.050ad	0.5	1.0	1.0	0.5	82.8	0.0	0.0	82.8	39.6	359.8	0.0
896	B50R_100.062ad	0.375	1.0	1.0	0.375	80.6	0.0	0.0	80.6	49.5	359.8	0.0
897	B50R_100.075ad	0.25	1.0	1.0	0.25	78.4	0.0	0.0	78.4	59.4	359.8	0.0
898	B50R_100.087ad	0.125	1.0	1.0	0.125	76.2	0.0	0.0	76.2	69.3	359.8	0.0
899	B50R_100.100ad	0.0	1.0	1.0	0.0	74.0	0.0	0.0	74.0	79.3	359.8	0.0
900	NW_087ad	0.875	1.0	1.0	0.875	89.9	0.0	0.0	89.9	8.1	359.8	0.0
901	NW_087ad	0.875	1.0	1.0	0.875	86.7	0.0	0.0	86.7	18.0	359.8	0.0
902	B50R_087.012ad	0.875	0.875	0.875	0.875	80.5	0.0	0.0	80.5	9.9	359.8	0.0
903	B50R_087.025ad	0.875	0.875	0.875	0.875	78.3	0.0	0.0	78.3	19.8	359.8	0.0
904	B50R_087.037ad	0.875	0.875	0.875	0.875	76.1	0.0	0.0	76.1	29.7	359.8	0.0
905	B50R_087.050ad	0.875	0.875	0.875	0.875	73.9	0.0	0.0	73.9	39.6	359.8	0.0
906	B50R_087.062ad	0.875	0.875	0.875	0.875	71.7	0.0	0.0	71.7	49.5	359.8	0.0
907	B50R_087.075ad	0.875	0.875	0.875	0.875	69.5	0.0	0.0	69.5	59.4	359.8	0.0
908	B50R_087.087ad	0.875	0.875	0.875	0.875	67.3	0.0	0.0	67.3	69.3	359.8	0.0
909	B50R_087.100ad	0.875	0.875	0.875	0.875	65.1	0.0	0.0	65.1	79.3	359.8	0.0
910	NW_075ad	0.75	1.0	1.0	0.75	84.2	0.0	0.0	84.2	17.8	359.8	0.0
911	B50R_075.012ad	0.75	1.0	1.0	0.75	82.0	0.0	0.0	82.0	27.7	359.8	0.0
912	B50R_075.025ad	0.75	1.0	1.0	0.75	79.8	0.0	0.0	79.8	37.6	359.8	0.0
913	B50R_075.037ad	0.75	1.0	1.0	0.75	77.6	0.0	0.0	77.6	47.5	359.8	0.0
914	B50R_075.050ad	0.75	1.0	1.0	0.75	75.4	0.0	0.0	75.4	57.4	359.8	0.0
915	B50R_075.062ad	0.75	1.0	1.0	0.75	73.2	0.0	0.0	73.2	67.3	359.8	0.0
916	B50R_075.075ad	0.75	1.0	1.0	0.75	71.0	0.0	0.0	71.0	77.2	359.8	0.0
917	B50R_075.087ad	0.75	1.0	1.0	0.75	68.8	0.0	0.0	68.8	87.1	359.8	0.0
918	B50R_075.100ad	0.75	1.0	1.0	0.75	66.6	0.0	0.0	66.6	97.0	359.8	0.0
919	G00B_087.012ad	0.625	1.0	0.625	0.875	78.5	0.0	0.0	78.5	26.7	359.8	0.0
920	G00B_087.025ad	0.625	1.0	0.625	0.875	76.3	0.0	0.0	76.3	36.6	359.8	0.0
921	G00B_087.037ad	0.625	1.0	0.625	0.875	74.1	0.0	0.0	74.1	46.5	359.8	0.0
922	B50R_062.012ad	0.625	0.75	0.625	0.625	72.1	0.0	0.0	72.1	56.4	359.8	0.0
923	B50R_062.025ad	0.625	0.75	0.625	0.625	70.0	0.0	0.0	70.0	66.3	359.8	0.0
924	B50R_062.037ad	0.625	0.75	0.625	0.625	67.9	0.0	0.0	67.9	76.2	359.8	0.0
925	B50R_062.050ad	0.625	0.75	0.625	0.625	65.8	0.0	0.0	65.8	86.1	359.8	0.0
926	B50R_062.062ad	0.625	0.75	0.625	0.625	63.7	0.0	0.0	63.7	96.0	359.8	0.0
927	G00B_100.050ad	0.5	1.0	0.5	0.75	82.8	0.0	0.0	82.8	17.8	359.8	0.0
928	G00B_087.037ad	0.875	0.75	0.875	0.625	75.3	0.0	0.0	75.3	27.7	359.8	0.0
929	G00B_087.050ad	0.875	0.75	0.875	0.625	73.2	0.0	0.0	73.2	37.6	359.8	0.0
930	G00B_087.062ad	0.875	0.75	0.875	0.625	71.1	0.0	0.0	71.1	47.5	359.8	0.0
931	NW_050ad	0.5	1.0	1.0	0.5	80.6	0.0	0.0	80.6	57.4	359.8	0.0
932	B50R_050.012ad	0.5	1.0	1.0	0.5	78.4	0.0	0.0	78.4	67.3	359.8	0.0
933	B50R_050.025ad	0.5	1.0	1.0	0.5	76.2	0.0	0.0	76.2	77.2	359.8	0.0
934	B50R_050.037ad	0.5	1.0	1.0	0.5	74.0	0.0	0.0	74.0	87.1	359.8	0.0
935	B50R_050.050ad	0.5	1.0	1.0	0.5	71.8	0.0	0.0	71.8	97.0	359.8	0.0
936	G00B_087.050ad	0.875	1.0	0.875	1.0	89.9	0.0	0.0	89.9	8.1	359.8	0.0
937	G00B_087.062ad	0.875	1.0	0.875	1.0	87.7	0.0	0.0	87.7	18.0	359.8	0.0
938	G00B_087.075ad	0.875	1.0	0.875	1.0	85.5	0.0	0.0	85.5	27.9	359.8	0.0
939	G00B_087.087ad	0.875	1.0	0.875	1.0	83.3	0.0	0.0	83.3	37.8	359.8	0.0
940	G00B_087.100ad	0.875	1.0	0.875	1.0	81.1	0.0	0.0	81.1	47.7	359.8	0.0
941	NW_037ad	0.375	1.0	1.0	0.375	84.2	0.0	0.0	84.2	17.8	359.8	0.0
942	B50R_037.012ad	0.375	1.0	1.0	0.375	82.0	0.0	0.0	82.0	27.7	359.8	0.0
943	B50R_037.025ad	0.375	1.0	1.0	0.375	79.8	0.0	0.0	79.8	37.6	359.8	0.0
944	B50R_037.037ad	0.375	1.0	1.0	0.375	77.6	0.0	0.0	77.6	47.5	359.8	0.0
945	B50R_037.050ad	0.375	1.0	1.0	0.375	75.4	0.0	0.0	75.4	57.4	359.8	0.0
946	B50R_037.062ad	0.375	1.0	1.0	0.375	73.2	0.0	0.0	73.2	67.3	359.8	0.0
947	B50R_037.075ad	0.375	1.0	1.0	0.375	71.0	0.0	0.0	71.0	77.2	359.8	0.0
948	G00B_062.037ad	0.625	0.5	0.625	0.625	78.5	0.0	0.0	78.5	26.7	359.8	0.0
949	G00B_062.050ad	0.625	0.5	0.625	0.625	76.3	0.0	0.0	76.3	36.6	359.8	0.0
950	G00B_062.062ad	0.625	0.5	0.625	0.625	74.1	0.0	0.0	74.1	46.5	359.8	0.0
951	NW_025ad	0.25	1.0	1.0	0.25	82.0	0.0	0.0	82.0	17.8	359.8	0.0
952	B50R_025.012ad	0.25	1.0	1.0	0.25	80.0	0.0	0.0	80.0	27.7	359.8	0.0
953	B50R_025.025ad	0.25	1.0	1.0	0.25	78.0	0.0	0.0	78.0	37.6	359.8	0.0
954	B50R_025.037ad	0.25	1.0	1.0	0.25	76.0	0.0	0.0	76.0	47.5	359.8	0.0
955	G00B_087.075ad	0.875	1.0	0.875	1.0	89.9	0.0	0.0	89.9	8.1	359.8	0.0
956	G00B_087.087ad	0.875	1.0	0.875	1.0	87.7	0.0	0.0	87.7	18.0	359.8	0.0
957	G00B_087.100ad	0.875	1.0	0.875	1.0	85.5	0.0	0.0	85.5	27.9	359.8	0.0
958	G00B_050.075ad	0.125	0.75	0.125	0.625	75.3	0.0	0.0	75.3	27.7	359.8	0.0
959	G00B_037.025ad	0.125	0.75	0.125	0.625	73.2	0.0	0.0	73.2	37.6	359.8	0.0
960	NW_012ad	0.125	1.0	1.0	0.125	82.0	0.0	0.0	82.0	17.8	359.8	0.0
961	B50R_012.012ad	0.125	1.0	1.0	0.125	80.0	0.0	0.0	80.0	27.7	359.8	0.0
962	G00B_100.100ad	0.0	1.0	0.0	1.0	95.6	0.0	0.0	95.6	0.0	360	0.0
963	G00B_087.087ad	0.875	1.0	0.875	1.0	87.7	0.0	0.0	87.7	18.0	359.8	0.0
964	G00B_087.100ad	0.875	1.0	0.875	1.0	85.5	0.0	0.0	85.5	27.9	359.8	0.0
965	G00B_075.075ad	0.75	1.0	0.75	0.75	84.2	0.0	0.0	84.2	17.8	359.8	0.0
966	G00B_062.062ad	0.625	1.0	0.625	0.625	82.0	0.0	0.0	82.0	27.7	359.8	0.0
967	G00B_050.050ad	0.5	1.0	0.5	0.5	80.0	0.0	0.0	80.0	37.6	359.8	0.0
968	G00B_037.037ad	0.375	1.0	0.375	0.375	78.0	0.0	0.0	78.0	47.5	359.8	0.0
969	G00B_025.025ad	0.25	1.0	0.25	0.25	76.0	0.0	0.0	76.0	57.4	359.8	0.0
970	G00B_012.012ad	0.125	1.0	0.125	0.125	74.0	0.0	0.0	74.0	67.3	359.8	0.0
971	NW_000ad	0.0	1.0	0.0	0.0	95.6	0.0	0.0	95.6	0.0	360	0.0

gráfico TUB-QS27; código de tono: H\*d=R75Yd  
colores y diferencia en color, ΔE\*

QS270-TN; 31/33-F

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