

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

$H^*_- = R75Y_-$

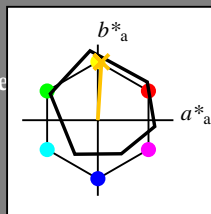
Datos del dispositivo (d) o elemental (e) color:

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 ₋ ,Ma	47.9	65.3	50.5	82.6	37
Y ₋ ,Ma	90.3	-10.2	91.7	92.3	96
G ₋ ,Ma	50.9	-62.8	34.9	71.9	150
C ₋ ,Ma	58.6	-30.3	-45.0	54.2	236
B ₋ ,Ma	25.7	31.0	-44.4	54.2	305
M ₋ ,Ma	48.1	75.2	-8.3	75.7	353
N ₋ ,Ma	18.0	0.0	0.0	0.0	0
W ₋ ,Ma	95.4	0.0	0.0	0.0	0
R ₋ ,CIE	39.9	58.7	27.9	65.0	25
Y ₋ ,CIE	81.2	-2.8	71.5	71.6	92
G ₋ ,CIE	52.2	-42.4	13.6	44.5	162
B ₋ ,CIE	30.5	1.4	-46.4	46.4	271

Los datos de color máximo (Ma):

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

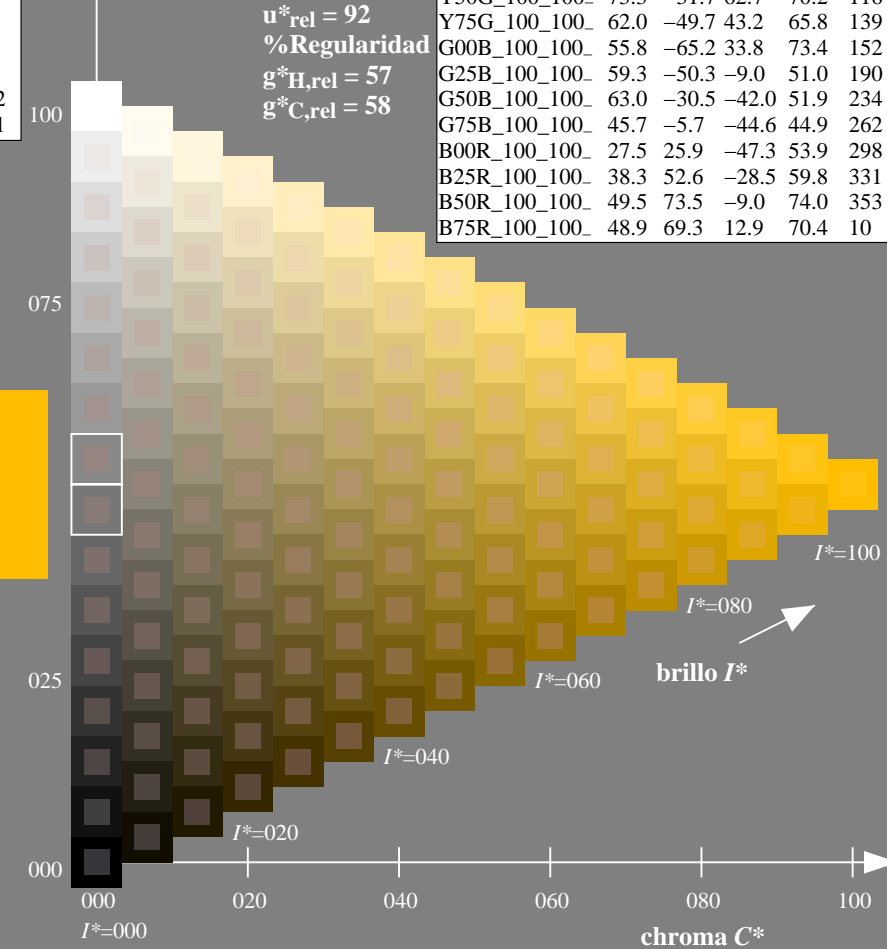
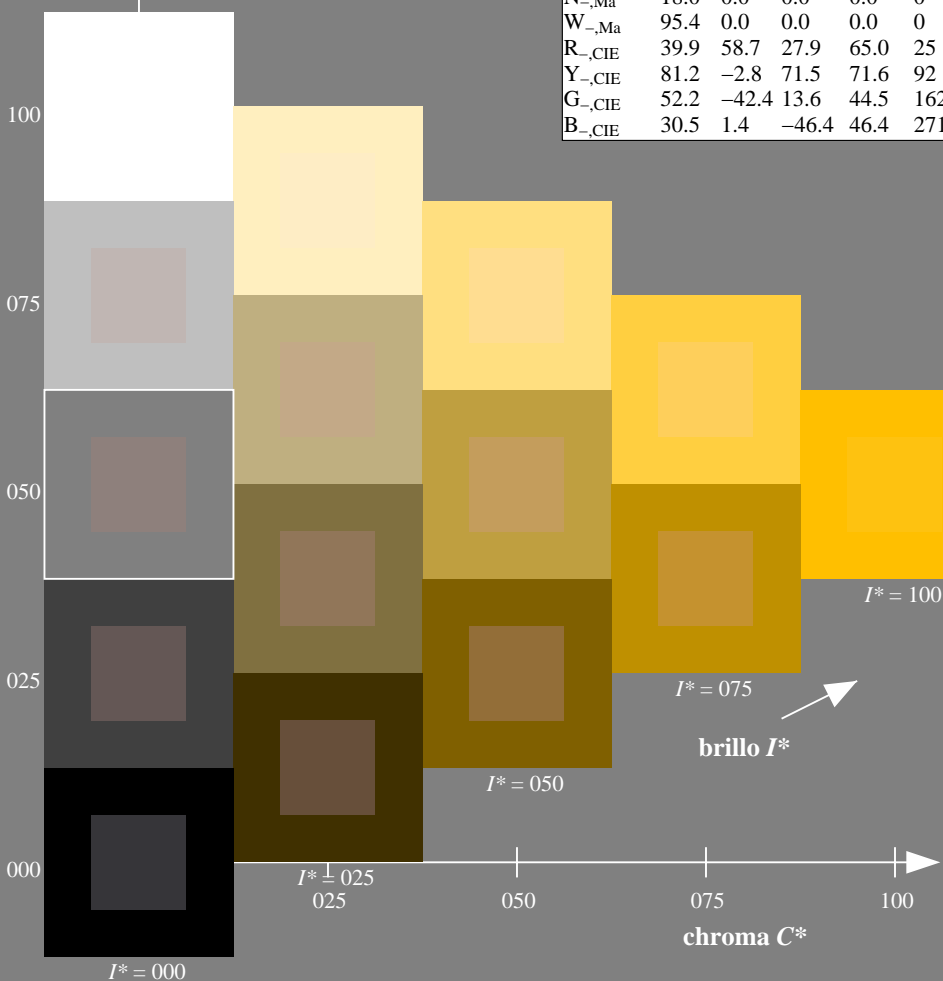
$u^*_{rel} = 92$

%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	31
R25Y_100_100_	56.8	48.0	50.5	69.6	46
R50Y_100_100_	68.6	25.0	63.9	68.6	68
R75Y_100_100_	80.6	4.8	77.2	77.3	86
Y00G_100_100_	90.2	-9.6	88.2	88.7	96
Y25G_100_100_	83.2	-18.4	79.9	81.9	102
Y50G_100_100_	73.3	-31.7	62.7	70.2	116
Y75G_100_100_	62.0	-49.7	43.2	65.8	139
G00B_100_100_	55.8	-65.2	33.8	73.4	152
G25B_100_100_	59.3	-50.3	-9.0	51.0	190
G50B_100_100_	63.0	-30.5	-42.0	51.9	234
G75B_100_100_	45.7	-5.7	-44.6	44.9	262
B00R_100_100_	27.5	25.9	-47.3	53.9	298
B25R_100_100_	38.3	52.6	-28.5	59.8	331
B50R_100_100_	49.5	73.5	-9.0	74.0	353
B75R_100_100_	48.9	69.3	12.9	70.4	10



vea archivos semejantes: <http://130.149.60.45/~farbmetrik/QS21/QS21.HTM>
 información técnica: <http://www.ps.bam.de> o <http://130.149.60.45/~farbmetrik>

TUB matrícula: 20130201-QS21/QS21L0FP.PDF /.PS
 aplicación para la medida de display output

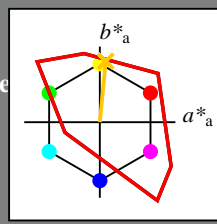
TUB material: code=rh4ta

Entrada i salida: Television Luminous System TLS00a for relative CIELAB hue $h_{ab,a,rel} = h_{ab}/360 = 84/360 = 0.23$

$H^*_d = R75Y_d$

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^*



TLS00a; datos adaptados CIELAB (a)

name	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
R _{d, Ma}	50.4	76.9	64.5	100.4	40
Y _{d, Ma}	92.6	-20.7	90.7	93.0	102
G _{d, Ma}	83.6	-82.7	79.8	115.0	136
C _{d, Ma}	86.8	-46.1	-13.5	48.1	196
B _{d, Ma}	30.3	76.0	-103.5	128.5	306
M _{d, Ma}	57.2	94.3	-58.4	110.9	328
N _{d, Ma}	0.0	0.0	0.0	0.0	0
W _{d, Ma}	95.4	0.0	0.0	0.0	0
R _{d, CIE}	39.9	58.7	27.9	65.0	25
Y _{d, CIE}	81.2	-2.8	71.5	71.6	92
G _{d, CIE}	52.2	-42.4	13.6	44.5	162
B _{d, CIE}	30.5	1.4	-46.4	46.4	271

Los datos de color máximo (Ma):

$LabCh^*_d, Ma: 78 \ 7 \ 80 \ 81 \ 84$

$HIC^*_d, Ma: R75Y_100_100_d$

$rgbic^*_d, Ma:$

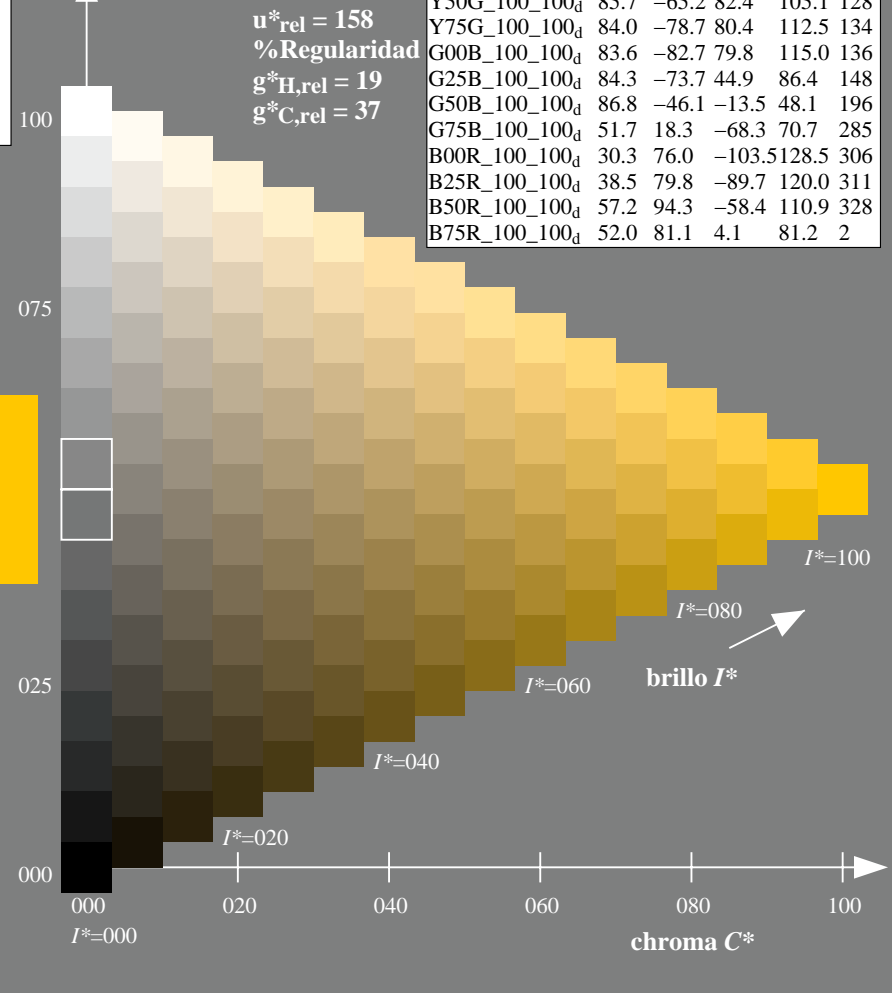
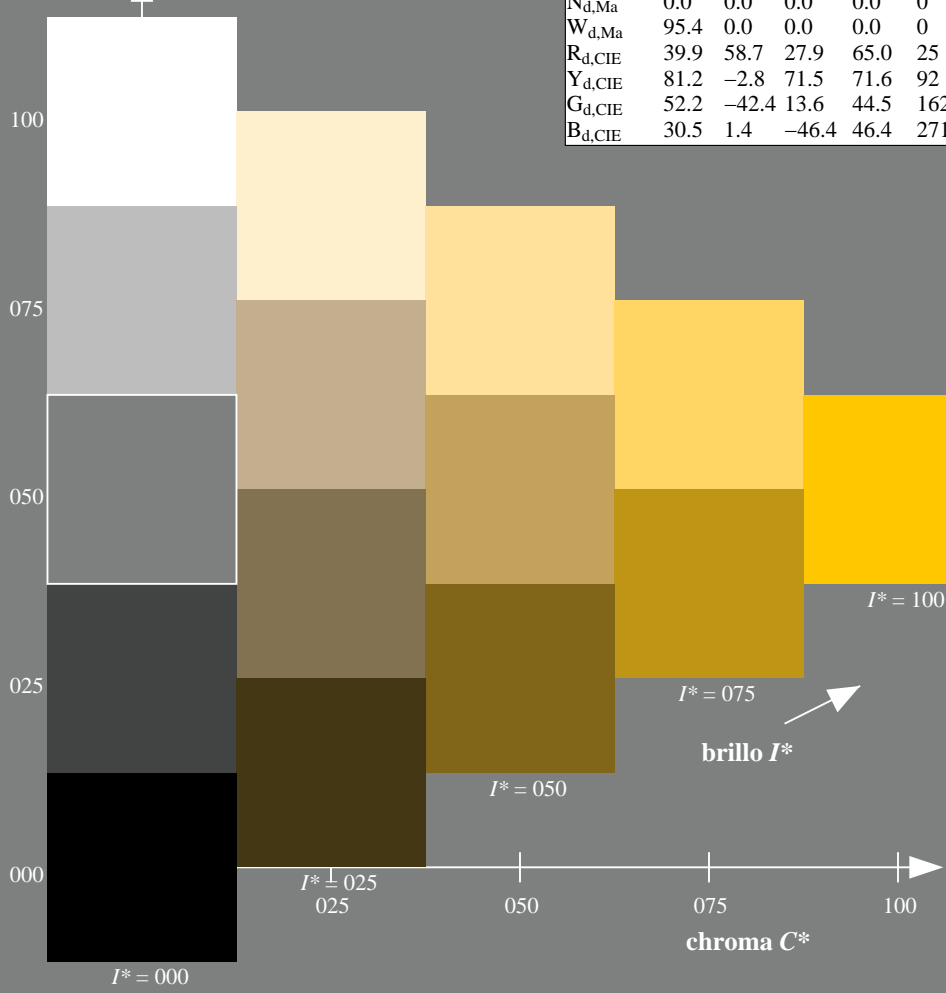
1.0 0.76 0.0 1.0 1.0

triángulo claridad T^*

%Gama
 $u^*_{rel} = 158$
%Regularidad
 $g^*_{H,rel} = 19$
 $g^*_{C,rel} = 37$

TLS00a; datos adaptados CIELAB (a)

H^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
R00Y_100_100 _d	50.4	76.9	64.5	100.4	40
R25Y_100_100 _d	53.7	67.6	65.8	94.4	44
R50Y_100_100 _d	63.6	41.3	71.0	82.2	59
R75Y_100_100 _d	78.2	7.8	80.6	81.0	84
Y00G_100_100 _d	92.6	-20.7	90.7	93.0	102
Y25G_100_100 _d	88.7	-43.3	86.2	96.5	116
Y50G_100_100 _d	85.7	-65.2	82.4	105.1	128
Y75G_100_100 _d	84.0	-78.7	80.4	112.5	134
G00B_100_100 _d	83.6	-82.7	79.8	115.0	136
G25B_100_100 _d	84.3	-73.7	44.9	86.4	148
G50B_100_100 _d	86.8	-46.1	-13.5	48.1	196
G75B_100_100 _d	51.7	18.3	-68.3	70.7	285
B00R_100_100 _d	30.3	76.0	-103.5	128.5	306
B25R_100_100 _d	38.5	79.8	-89.7	120.0	311
B50R_100_100 _d	57.2	94.3	-58.4	110.9	328
B75R_100_100 _d	52.0	81.1	4.1	81.2	2



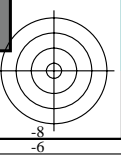
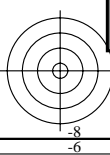
vea archivos semejantes: <http://130.149.60.45/~farbmetrik/QS21/QS21.HTM>
información técnica: <http://www.ps.bam.de> o <http://130.149.60.45/~farbmetrik>

TUB matrícula: 20130201-QS21/QS21L0FP.PDF /.PS
aplicación para la medida de display output, ninguna separación

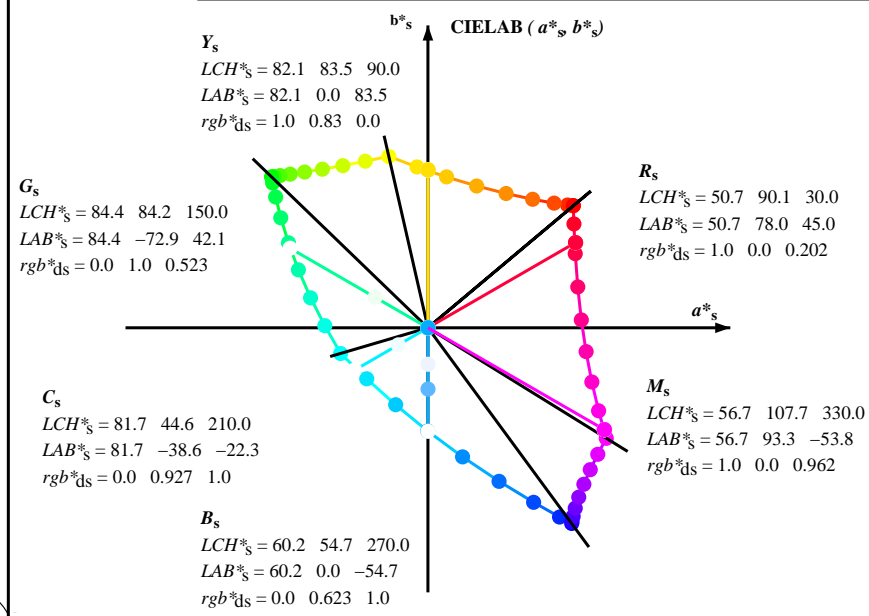
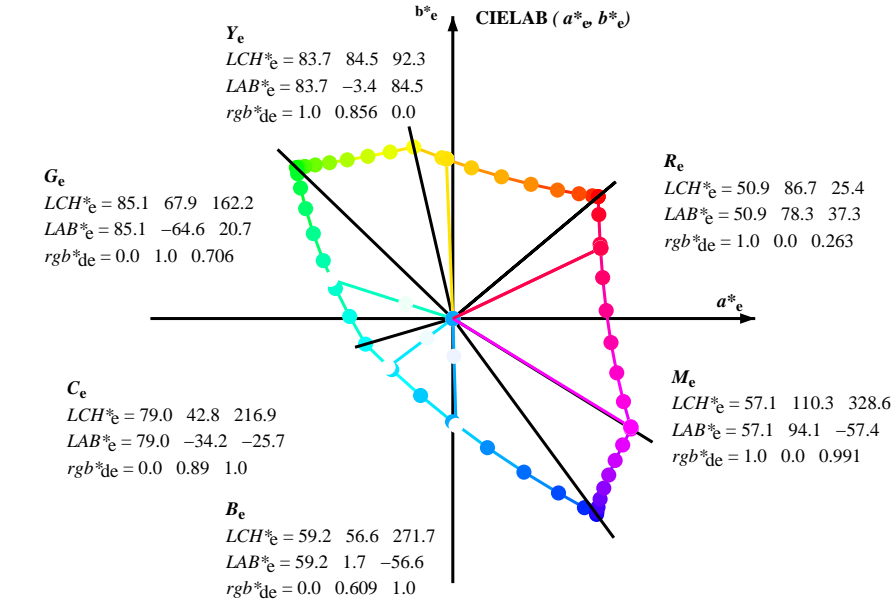
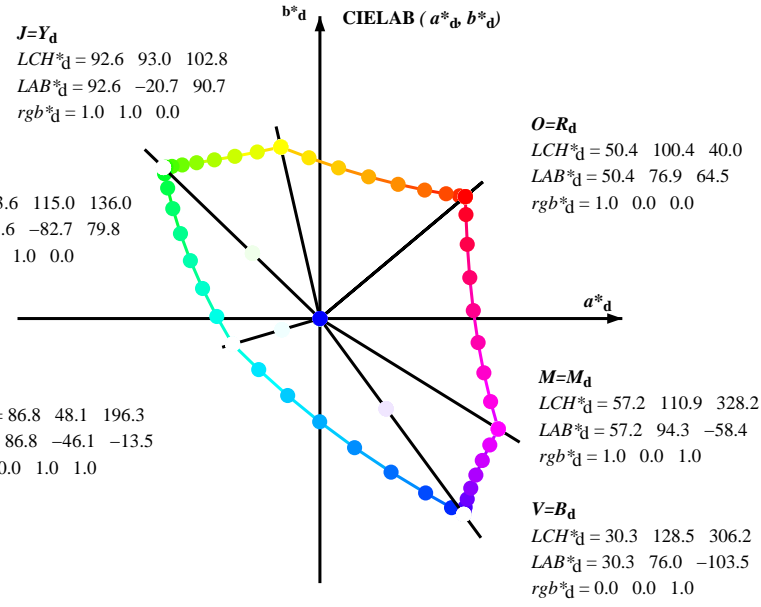
TUB material: code=rh4ta

gráfico TUB-QS21; código de tono: $H^*_d=R75Y_d$
gráfico según a DIN 33872, 3D=1, de=0, $sRGB^*$

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



Data of Maximum color M in colorimetric system sRGB standard device; no separation, D65 for input or output; Six hue angles of the 60 degree standard colours $RYGBM_s$: $h_{ab,ds} = 30.0, 90.0, 150.0, 210.0, 270.0, 330.0$; Six hue angles of the device colours $RYGBM_d$: $h_{ab,d} = 40.0, 102.9, 136.0, 196.4, 306.3, 328.2$; Six hue angles of the elementary colours $RYGBM_e$: $h_{ab,e} = 25.5, 92.3, 162.2, 217.0, 271.7, 328.6$



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

2-103230-L0 QS210-72 LAB*la0, YN=0%, XYZnw=0.0, 0.0, 0.0, 84.2, 88.6, 96.5, LAB*nw=0.0, 0.0, 0.0, 95.4, 0.0, 0.0

salida: sRGB standard device; no separation, D65, página 3/29

gráfico TUB-QS21; código de tono: $H^*_d=R75Y_d$
círculo de tono, 48 pasos; $rgb-LabCh^*$ mesas

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

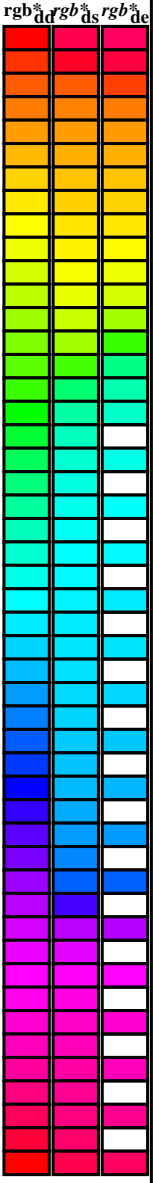
vea archivos semejantes: http://130.149.60.45/~farbmetrik/QS21/QS21.HTM
información técnica: http://www.ps.bam.de o http://130.149.60.45/~farbmetrik

TUB matrícula: 20130201-QS21/QS21L0FP.PDF /.PS
aplicación para la medida de display output, ninguna separación

TUB material: code=rh4ta

Data of Maximum color M in colorimetric system sRGB standard device; no separation, D65 for input or output; Six hue angles of the 60 degree standard colours $RYGBM_s$: $h_{ab,ds} = 30.0, 90.0, 150.0, 210.0, 270.0, 330.0$;
Six hue angles of the device colours $RYGBM_d$: $h_{ab,d} = 40.0, 102.9, 136.0, 196.4, 306.3, 328.2$; Six hue angles of the elementary colours $RYGBM_e$: $h_{ab,e} = 25.5, 92.3, 162.2, 217.0, 271.7, 328.6$

h _{ab,d}	h _{ab,s}	h _{ab,e}	rgb* dd64M			LAB* ddx64M (x=LabCh)			rgb* dex361M			LAB* dex361M								
40.0	30.0	25.4	1.0	0.0	0.0	50.4	76.9	64.5	100.4	40.0	1.0	0.0	0.263	50.9	78.3	37.3	86.7	25		
41.3	37.5	33.8	1.0	0.125	0.0	51.5	73.9	64.9	98.3	41.3	1.0	0.0	0.156	50.7	77.7	51.0	92.9	33		
44.6	45.0	42.1	1.0	0.25	0.0	54.0	66.7	65.9	93.8	44.6	1.0	0.0	0.157	0.0	52.2	72.0	65.3	97.2	42	
50.7	52.5	50.5	1.0	0.375	0.0	58.2	55.4	67.9	87.7	50.7	1.0	0.0	0.358	0.0	57.7	56.9	67.8	88.6	49	
59.7	60.0	58.8	1.0	0.5	0.0	63.6	41.3	71.0	82.2	59.7	1.0	0.0	0.488	0.0	63.1	42.8	70.9	82.8	58	
71.0	67.5	67.2	1.0	0.625	0.0	70.1	25.7	75.0	79.3	71.0	1.0	0.0	0.577	0.0	67.6	31.8	73.9	80.5	66	
82.9	75.0	75.6	1.0	0.75	0.0	77.2	9.8	79.7	80.4	82.9	1.0	0.0	0.673	0.0	72.8	19.8	77.3	79.8	75	
93.8	82.5	83.9	1.0	0.875	0.0	84.8	-5.7	85.0	85.2	93.8	1.0	0.0	0.755	0.0	77.5	9.3	80.1	80.6	83	
102.8	90.0	92.3	1.0	1.0	0.0	92.6	-20.7	90.7	93.0	102.8	1.0	0.0	0.857	0.0	83.7	-3.3	84.5	84.6	92	
110.5	97.5	101.0	0.875	1.0	0.0	90.4	-33.1	88.1	94.1	110.5	1.0	0.0	0.967	0.0	90.6	-16.4	89.5	91.0	100	
117.6	105.0	109.7	0.75	1.0	0.0	88.5	-44.9	85.8	96.8	117.6	1.0	0.0	0.888	1.0	90.7	-31.7	88.5	94.0	109	
123.6	112.5	118.5	0.625	1.0	0.0	86.9	-55.8	83.9	100.7	123.6	1.0	0.0	0.743	1.0	90.0	88.5	-45.4	85.8	97.1	117
128.3	120.0	127.2	0.5	1.0	0.0	85.7	-65.2	82.4	105.1	128.3	1.0	0.0	0.529	1.0	86.0	-62.9	82.9	104.1	127	
131.8	127.5	136.0	0.375	1.0	0.0	84.7	-72.8	81.2	109.1	131.8	1.0	0.0	0.132	1.0	83.8	-81.2	80.1	114.1	135	
134.1	135.0	144.7	0.25	1.0	0.0	84.1	-78.2	80.5	112.2	134.1	1.0	0.0	1.0	0.41	84.1	-76.8	54.3	94.1	144	
135.5	142.5	153.4	0.125	1.0	0.0	83.7	-81.4	80.0	114.2	135.5	1.0	0.0	1.0	0.573	84.6	-70.9	36.3	79.8	152	
136.0	150.0	162.2	0.0	1.0	0.0	83.6	-82.7	79.8	115.0	136.0	1.0	0.0	1.0	0.706	85.2	-64.6	20.7	67.9	162	
137.0	157.5	169.0	0.0	1.0	0.125	83.6	-82.1	76.6	112.3	137.0	1.0	0.0	1.0	0.778	85.5	-60.6	12.2	61.9	168	
139.3	165.0	175.9	0.0	1.0	0.25	83.8	-80.5	69.1	106.1	139.3	1.0	0.0	1.0	0.847	85.9	-56.4	4.0	56.7	175	
143.2	172.5	182.7	0.0	1.0	0.375	84.0	-77.8	58.1	97.1	143.2	1.0	0.0	1.0	0.9	86.2	-53.2	-2.0	53.3	182	
148.6	180.0	189.6	0.0	1.0	0.5	84.3	-73.7	44.9	86.4	148.6	1.0	0.0	1.0	0.952	86.6	-49.8	-8.3	50.6	189	
155.8	187.5	196.4	0.0	1.0	0.625	84.7	-68.5	30.6	75.0	155.8	1.0	0.0	1.0	0.997	86.9	-46.3	-13.2	48.3	195	
165.6	195.0	203.2	0.0	1.0	0.75	85.3	-62.0	15.9	64.0	165.6	1.0	0.0	1.0	0.963	1.0	84.3	-42.5	-18.2	46.4	203
178.8	202.5	210.1	0.0	1.0	0.875	86.0	-54.5	1.0	54.5	178.8	1.0	0.0	0.929	1.0	81.8	-38.8	-22.1	44.7	209	
196.3	210.0	216.9	0.0	1.0	1.0	86.8	-46.1	-13.5	48.1	196.3	1.0	0.0	0.89	1.0	79.1	-34.2	-25.7	42.9	216	
219.8	217.5	223.8	0.0	0.875	1.0	77.9	-32.3	-27.0	42.1	219.8	1.0	0.0	0.859	1.0	76.9	-30.7	-29.0	42.4	223	
247.2	225.0	230.6	0.0	0.75	1.0	69.1	-17.0	-40.7	44.1	247.2	1.0	0.0	0.826	1.0	74.5	-27.1	-33.1	43.0	230	
269.8	232.5	237.5	0.0	0.625	1.0	60.3	-0.1	-54.6	54.6	269.8	1.0	0.0	0.797	1.0	72.4	-23.5	-36.3	43.4	237	
285.0	240.0	244.3	0.0	0.5	1.0	51.7	18.3	-68.3	70.7	285.0	1.0	0.0	0.763	1.0	70.1	-18.9	-39.5	44.0	244	
294.8	247.5	251.2	0.0	0.375	1.0	43.8	37.6	-81.2	89.5	294.8	1.0	0.0	0.731	1.0	67.8	-15.0	-43.1	45.8	250	
301.1	255.0	258.0	0.0	0.25	1.0	37.1	55.9	-92.3	107.9	301.1	1.0	0.0	0.69	1.0	64.9	-10.1	-48.0	49.2	258	
304.8	262.5	264.8	0.0	0.125	1.0	32.4	69.5	-100.0	121.8	304.8	1.0	0.0	0.655	1.0	62.4	-5.0	-51.8	52.1	264	
306.2	270.0	271.7	0.0	0.0	1.0	30.3	76.0	-103.5	128.5	306.2	1.0	0.0	0.609	1.0	59.3	1.7	-56.5	56.6	271	
306.6	277.5	278.8	0.125	0.0	1.0	31.0	76.2	-102.4	127.7	306.6	1.0	0.0	0.555	1.0	55.5	9.3	-62.9	63.7	278	
307.5	285.0	285.9	0.25	0.0	1.0	32.6	76.8	-99.8	125.9	307.5	1.0	0.0	0.488	1.0	51.0	19.9	-69.6	72.5	285	
309.2	292.5	293.0	0.375	0.0	1.0	35.1	77.9	-95.5	123.3	309.2	1.0	0.0	0.404	1.0	45.7	32.7	-78.5	85.2	292	
311.6	300.0	300.1	0.5	0.0	1.0	38.5	79.8	-89.7	120.0	311.6	1.0	0.0	0.27	1.0	38.2	52.8	-90.6	105.0	300	
314.8	307.5	307.2	0.625	0.0	1.0	42.7	82.5	-82.7	116.8	314.8	1.0	0.0	0.146	0.0	31.3	76.4	-102.0	127.5	306	
318.8	315.0	314.3	0.75	0.0	1.0	47.2	85.8	-75.1	114.0	318.8	1.0	0.0	0.605	0.0	42.1	82.1	-83.8	117.4	314	
323.3	322.5	321.4	0.875	0.0	1.0	52.1	89.8	-66.9	112.0	323.3	1.0	0.0	0.811	0.0	49.7	87.9	-71.0	113.1	321	
328.2	330.0	328.6	1.0	0.0	1.0	57.2	94.3	-58.4	110.9	328.2	1.0	0.0	0.992	57.2	94.2	-57.4	110.3	328		
334.0	337.5	335.7	1.0	0.0	0.875	55.6	90.3	-43.9	100.4	334.0	1.0	0.0	0.856	55.4	89.9	-41.4	99.0	335		
341.6	345.0	342.8	1.0	0.0	0.75	54.2	86.7	-28.6	91.3	341.6	1.0	0.0	0.735	54.1	86.5	-26.6	90.6	342		
351.4	352.5	349.9	1.0	0.0	0.625	53.0	83.6	-12.6	84.6	351.4	1.0	0.0	0.65	53.3	84.5	-15.6	86.0	349		
362.9	360.0	357.0	1.0	0.0	0.5	52.0	81.1	4.1	81.2	362.9	1.0	0.0	0.618	53.0	83.6	-11.6	84.4	352		
375.2	367.5	364.1	1.0	0.0	0.375	51.3	79.2	21.6	82.1	375.2	1.0	0.0	0.533	52.3	82.2	-0.1	82.2	359		
386.7	375.0	371.2	1.0	0.0	0.25	50.8	77.9	39.2	87.2	386.7	1.0	0.0	0.441	51.7	80.7	12.5	81.7	368		
395.4	382.5	378.3	1.0	0.0	0.125	50.6	77.2	54.9	94.8	395.4	1.0	0.0	0.361	51.3	79.3	23.6	82.8	376		
400.0	390.0	385.4	1.0	0.0	0.0	50.4	76.9	64.5	100.4	400.0	1.0	0.0	0.263	50.9	78.3	37.3	86.7	385		



vea archivos semejantes: <http://130.149.60.45/~farbmetrik/QS21/QS21.HTM>
información técnica: <http://www.ps.bam.de> o <http://130.149.60.45/~farbmetrik>

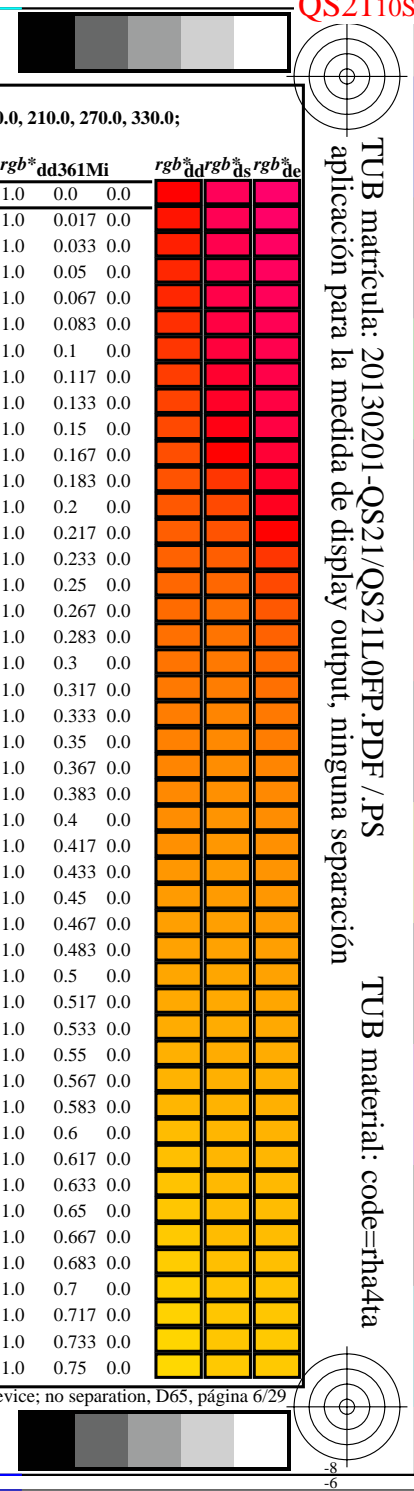
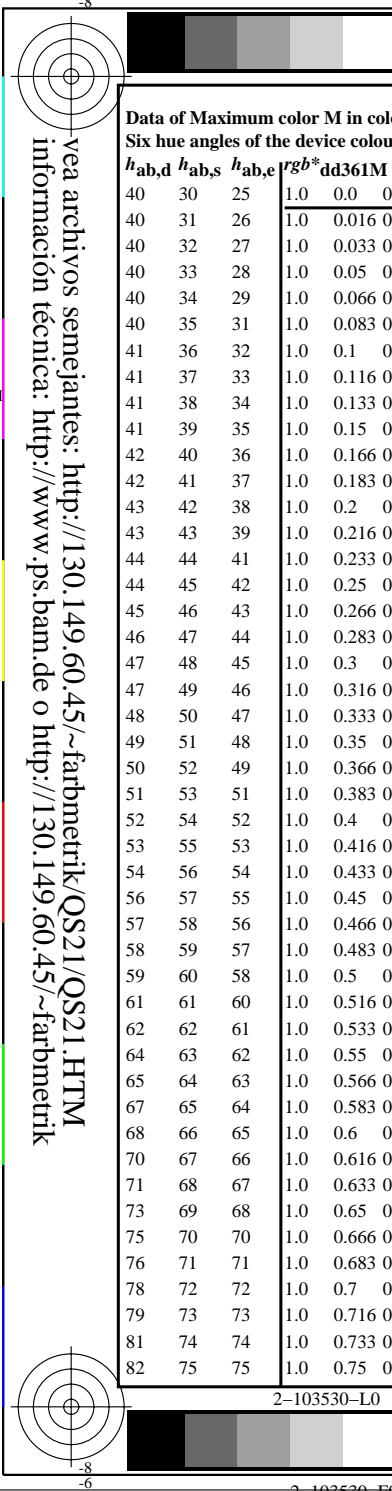
TUB matrícula: 20130201-QS21/QS21L0FP.PDF /.PS
aplicación para la medida de display output, ninguna separación
TUB material: code=rh4ta

Data of Maximum color M in colorimetric system sRGB standard device; no separation, D65 for input or output; Six hue angles of the 60 degree standard colours RYGBM_s: h_{ab,ds} = 30.0, 90.0, 150.0, 210.0, 270.0, 330.0;

h _{ab,d}	h _{ab,s}	h _{ab,e}	rgb* _{dd} 361M	LAB* _{dsx361Mi} (x=LabCh)	R _d	rgb* _{ds361Mi}	LAB* _{dsx361Mi} (x=LabCh)	R _s	rgb* _{dd} 361Mi	LAB* _{de361Mi} (x=LabCh)	R _e	rgb* _{dd} 361Mi	rgb* _{dd}	rgb* _{ds}	rgb* _{de}	
40	30	25	1.0 0.0 0.0	50.4 76.9 64.5 100.4 40	1.0	1.0 0.0 0.203 50.8	78.0 45.1 90.1 30	1.0	1.0 0.0 0.0	1.0 0.0 0.263 50.9	78.3 37.3 86.7 25	1.0	1.0 0.0 0.0			
40	31	26	1.0 0.016 0.0	50.6 76.5 64.6 100.1 40	1.0	1.0 0.0 0.189 50.7	78.0 46.9 91.0 31	1.0	1.0 0.017 0.0	1.0 0.0 0.251 50.9	78.0 39.0 87.2 26	1.0	1.0 0.017 0.0			
40	32	27	1.0 0.033 0.0	50.7 76.1 64.6 99.8 40	1.0	1.0 0.0 0.174 50.7	77.9 48.7 91.8 32	1.0	1.0 0.033 0.0	1.0 0.0 0.236 50.8	78.0 41.0 88.1 27	1.0	1.0 0.033 0.0			
40	33	28	1.0 0.05 0.0	50.9 75.7 64.7 99.6 40	1.0	1.0 0.0 0.16 50.7	77.7 50.5 92.7 33	1.0	1.0 0.05 0.0	1.0 0.0 0.22 50.8	78.1 43.0 89.1 28	1.0	1.0 0.05 0.0			
40	34	29	1.0 0.066 0.0	51.0 75.3 64.7 99.3 40	1.0	1.0 0.0 0.146 50.6	77.6 52.3 93.6 34	1.0	1.0 0.067 0.0	1.0 0.0 0.204 50.8	78.0 44.9 90.1 29	1.0	1.0 0.067 0.0			
40	35	31	1.0 0.083 0.0	51.1 74.9 64.8 99.0 40	1.0	1.0 0.0 0.131 50.6	77.3 54.2 94.4 35	1.0	1.0 0.083 0.0	1.0 0.0 0.188 50.7	78.0 46.9 91.0 31	1.0	1.0 0.083 0.0			
41	36	32	1.0 0.1 0.0	51.3 74.5 64.8 98.7 41	1.0	1.0 0.0 0.11 50.6	77.3 56.1 95.5 36	1.0	1.0 0.1 0.0	1.0 0.0 0.172 50.7	77.9 49.0 92.0 32	1.0	1.0 0.1 0.0			
41	37	33	1.0 0.116 0.0	51.4 74.1 64.9 98.5 41	1.0	1.0 0.0 0.082 50.6	77.2 58.2 96.7 37	1.0	1.0 0.117 0.0	1.0 0.0 0.156 50.7	77.7 51.0 92.9 33	1.0	1.0 0.117 0.0			
41	38	34	1.0 0.133 0.0	51.7 73.4 65.0 98.0 41	1.0	1.0 0.0 0.055 50.5	77.2 60.3 98.0 38	1.0	1.0 0.133 0.0	1.0 0.0 0.14 50.6	77.5 53.0 93.9 34	1.0	1.0 0.133 0.0			
41	39	35	1.0 0.15 0.0	52.0 72.4 65.2 97.4 41	1.0	1.0 0.0 0.028 50.5	77.1 62.4 99.2 39	1.0	1.0 0.15 0.0	1.0 0.0 0.123 50.6	77.2 55.1 94.9 35	1.0	1.0 0.15 0.0			
42	40	36	1.0 0.166 0.0	52.3 71.4 65.3 96.8 42	1.0	1.0 0.0 0.0 50.5	76.9 64.6 100.4 40	1.0	1.0 0.167 0.0	1.0 0.0 0.093 50.6	77.3 57.4 96.3 36	1.0	1.0 0.167 0.0			
42	41	37	1.0 0.183 0.0	52.7 70.5 65.5 96.2 42	1.0	1.0 0.095 0.0	51.3 74.6 64.9 98.9 41	1.0	1.0 0.183 0.0	1.0 0.0 0.062 50.5	77.2 59.7 97.6 37	1.0	1.0 0.183 0.0			
43	42	38	1.0 0.2 0.0	53.0 69.5 65.6 95.6 43	1.0	1.0 0.151 0.0	52.1 72.4 65.2 97.5 42	1.0	1.0 0.2 0.0	1.0 0.0 0.032 50.5	77.1 62.1 99.0 38	1.0	1.0 0.2 0.0			
43	43	39	1.0 0.216 0.0	53.4 68.6 65.7 95.0 43	1.0	1.0 0.188 0.0	52.8 70.3 65.5 96.1 43	1.0	1.0 0.217 0.0	1.0 0.0 0.001 50.5	76.9 64.5 100.4 39	1.0	1.0 0.217 0.0			
44	44	41	1.0 0.233 0.0	53.7 67.6 65.8 94.4 44	1.0	1.0 0.225 0.0	53.6 68.2 65.8 94.8 44	1.0	1.0 0.233 0.0	1.0 0.102 0.0	51.4 74.4 64.9 98.8 41	1.0	1.0 0.233 0.0			
44	45	42	1.0 0.25 0.0	54.0 66.7 65.9 93.8 44	1.0	1.0 0.256 0.0	54.3 66.1 66.1 93.5 45	1.0	1.0 0.25 0.0	1.0 0.157 0.0	52.2 72.0 65.3 97.2 42	1.0	1.0 0.25 0.0			
45	46	43	1.0 0.266 0.0	54.6 65.1 66.3 93.0 45	1.0	1.0 0.277 0.0	55.0 64.3 66.6 92.5 46	1.0	1.0 0.267 0.0	1.0 0.199 0.0	53.0 69.6 65.6 95.7 43	1.0	1.0 0.267 0.0			
46	47	44	1.0 0.283 0.0	55.1 63.6 66.6 92.2 46	1.0	1.0 0.297 0.0	55.6 62.4 66.9 91.5 47	1.0	1.0 0.283 0.0	1.0 0.24 0.0	53.9 67.3 65.9 94.2 44	1.0	1.0 0.283 0.0			
47	48	45	1.0 0.3 0.0	55.7 62.1 66.9 91.3 47	1.0	1.0 0.318 0.0	56.3 60.6 67.3 90.5 48	1.0	1.0 0.3 0.0	1.0 0.267 0.0	54.7 65.1 66.4 93.0 45	1.0	1.0 0.3 0.0			
47	49	46	1.0 0.316 0.0	56.2 60.6 67.2 90.5 47	1.0	1.0 0.338 0.0	57.0 58.7 67.6 89.5 49	1.0	1.0 0.317 0.0	1.0 0.29 0.0	55.4 63.1 66.8 91.9 46	1.0	1.0 0.317 0.0			
48	50	47	1.0 0.333 0.0	56.8 59.1 67.5 89.7 48	1.0	1.0 0.359 0.0	57.7 56.9 67.8 88.5 50	1.0	1.0 0.333 0.0	1.0 0.313 0.0	56.2 61.0 67.2 90.8 47	1.0	1.0 0.333 0.0			
49	51	48	1.0 0.35 0.0	57.3 57.6 67.7 88.9 49	1.0	1.0 0.378 0.0	58.3 55.1 68.1 87.6 51	1.0	1.0 0.35 0.0	1.0 0.336 0.0	56.9 59.0 67.5 89.7 48	1.0	1.0 0.35 0.0			
50	52	49	1.0 0.366 0.0	57.9 56.2 67.9 88.1 50	1.0	1.0 0.392 0.0	58.9 53.6 68.6 87.0 52	1.0	1.0 0.367 0.0	1.0 0.358 0.0	57.7 56.9 67.8 88.6 49	1.0	1.0 0.367 0.0			
51	53	51	1.0 0.383 0.0	58.5 54.5 68.2 87.3 51	1.0	1.0 0.406 0.0	59.6 52.0 69.0 86.4 53	1.0	1.0 0.383 0.0	1.0 0.379 0.0	58.4 55.0 68.1 87.6 51	1.0	1.0 0.383 0.0			
52	54	52	1.0 0.4 0.0	59.3 52.6 68.8 86.6 52	1.0	1.0 0.42 0.0	60.2 50.4 69.4 85.8 54	1.0	1.0 0.4 0.0	1.0 0.395 0.0	59.1 53.2 68.7 86.9 52	1.0	1.0 0.4 0.0			
53	55	53	1.0 0.416 0.0	60.0 50.7 69.3 85.9 53	1.0	1.0 0.433 0.0	60.8 48.8 69.8 85.2 55	1.0	1.0 0.417 0.0	1.0 0.41 0.0	59.7 51.5 69.1 86.2 53	1.0	1.0 0.417 0.0			
54	56	54	1.0 0.433 0.0	60.7 48.8 69.7 85.1 54	1.0	1.0 0.447 0.0	61.4 47.3 70.1 84.5 56	1.0	1.0 0.433 0.0	1.0 0.426 0.0	60.4 49.7 69.6 85.5 54	1.0	1.0 0.433 0.0			
56	57	55	1.0 0.45 0.0	61.4 46.9 70.1 84.4 56	1.0	1.0 0.461 0.0	62.0 45.7 70.4 83.9 57	1.0	1.0 0.45 0.0	1.0 0.441 0.0	61.1 48.0 69.9 84.8 55	1.0	1.0 0.45 0.0			
57	58	56	1.0 0.466 0.0	62.2 45.1 70.4 83.6 57	1.0	1.0 0.475 0.0	62.6 44.1 70.7 83.3 58	1.0	1.0 0.467 0.0	1.0 0.457 0.0	61.8 46.2 70.3 84.1 56	1.0	1.0 0.467 0.0			
58	59	57	1.0 0.483 0.0	62.9 43.2 70.7 82.9 58	1.0	1.0 0.489 0.0	63.2 42.6 70.9 82.7 59	1.0	1.0 0.483 0.0	1.0 0.472 0.0	62.5 44.5 70.6 83.4 57	1.0	1.0 0.483 0.0			
59	60	58	1.0 0.5 0.0	63.6 41.3 71.0 82.2 59	1.0	1.0 0.502 0.0	63.8 41.1 71.2 82.2 60	1.0	1.0 0.5 0.0	1.0 0.488 0.0	63.1 42.8 70.9 82.8 58	1.0	1.0 0.5 0.0			
61	61	60	1.0 0.516 0.0	64.5 39.3 71.7 81.8 61	1.0	1.0 0.513 0.0	64.4 39.7 71.6 81.9 61	1.0	1.0 0.517 0.0	1.0 0.502 0.0	63.8 41.1 71.2 82.2 60	1.0	1.0 0.517 0.0			
62	62	61	1.0 0.533 0.0	65.3 37.2 72.4 81.4 62	1.0	1.0 0.525 0.0	64.9 38.3 72.1 81.7 62	1.0	1.0 0.533 0.0	1.0 0.515 0.0	64.4 39.5 71.7 81.9 61	1.0	1.0 0.533 0.0			
64	63	62	1.0 0.55 0.0	66.2 35.1 73.0 81.0 64	1.0	1.0 0.536 0.0	65.5 37.0 72.5 81.4 63	1.0	1.0 0.55 0.0	1.0 0.527 0.0	65.1 38.0 72.2 81.6 62	1.0	1.0 0.55 0.0			
65	64	63	1.0 0.566 0.0	67.1 33.0 73.5 80.6 65	1.0	1.0 0.547 0.0	66.1 35.6 72.9 81.1 64	1.0	1.0 0.567 0.0	1.0 0.54 0.0	65.7 36.5 72.7 81.3 63	1.0	1.0 0.567 0.0			
67	65	64	1.0 0.583 0.0	67.9 31.0 74.0 80.3 67	1.0	1.0 0.558 0.0	66.7 34.2 73.3 80.9 65	1.0	1.0 0.583 0.0	1.0 0.552 0.0	66.4 34.9 73.1 81.0 64	1.0	1.0 0.583 0.0			
68	66	65	1.0 0.6 0.0	68.8 28.9 74.5 79.9 68	1.0	1.0 0.569 0.0	67.2 32.8 73.7 80.6 66	1.0	1.0 0.6 0.0	1.0 0.564 0.0	67.0 33.4 73.5 80.7 65	1.0	1.0 0.6 0.0			
70	67	66	1.0 0.616 0.0	69.6 26.8 74.8 79.5 70	1.0	1.0 0.58 0.0	67.8 31.4 74.0 80.4 67	1.0	1.0 0.617 0.0	1.0 0.577 0.0	67.6 31.8 73.9 80.5 66	1.0	1.0 0.617 0.0			
71	68	67	1.0 0.633 0.0	70.5 24.7 75.4 79.4 71	1.0	1.0 0.591 0.0	68.4 30.0 74.3 80.1 68	1.0	1.0 0.633 0.0	1.0 0.589 0.0	68.3 30.3 74.2 80.2 67	1.0	1.0 0.633 0.0			
73	69	68	1.0 0.65 0.0	71.5 22.7 76.2 79.5 73	1.0	1.0 0.602 0.0	69.0 28.6 74.6 79.9 69	1.0	1.0 0.65 0.0	1.0 0.602 0.0	68.9 28.7 74.5 79.9 68	1.0	1.0 0.65 0.0			
75	70	70	1.0 0.666 0.0	72.4 20.6 76.9 79.7 75	1.0	1.0 0.614 0.0	69.5 27.2 74.8 79.6 70	1.0	1.0 0.667 0.0	1.0 0.614 0.0	69.5 27.2 74.8 79.6 70	1.0	1.0 0.667 0.0			
76	71	71	1.0 0.683 0.0	73.4 18.5 77.6 79.8 76	1.0	1.0 0.625 0.0	70.1 25.8 75.0 79.4 71	1.0	1.0 0.683 0.0	1.0 0.626 0.0	70.2 25.6 75.1 79.4 71	1.0	1.0 0.683 0.0			
78	72	72	1.0 0.7 0.0	74.3 16.3 78.2 79.9 78	1.0	1.0 0.635 0.0	70.7 24.5 75.6 79.4 72	1.0	1.0 0.7 0.0	1.0 0.638 0.0	70.9 24.2 75.7 79.5 72	1.0	1.0 0.7 0.0			
79	73	73	1.0 0.716 0.0	75.3 14.2 78.8 80.1 79	1.0	1.0 0.646 0.0	71.3 23.3 76.1 79.5 73	1.0	1.0 0.717 0.0	1.0 0.65 0.0	71.5 22.8 76.2 79.6 73	1.0	1.0 0.717 0.0			
81	74	74	1.0 0.733 0.0	76.2 12.0 79.3 80.2 81	1.0	1.0 0.656 0.0	71.9 21.9 76.5 79.6 74	1.0	1.0 0.733 0.0	1.0 0.661 0.0	72.2 21.3 76.8 79.7 74	1.0	1.0 0.733 0.0			
82	75	75	1.0 0.75 0.0	77.2 9.8 79.7 80.4 82	1.0	1.0 0.667 0.0	72.5 20.6 77.0 79.7 75	1.0	1.0 0.75 0.0	1.0 0.673 0.0	72.8 19.8 77.3 79.8 75	1.0	1.0 0.75 0.0			

vea archivos semejantes: http://130.149.60.45/~farbmetrik/QS21/QS21.HTM
información técnica: http://www.ps.bam.de o http://130.149.60.45/~farbmetrik

TUB matrícula: 20130201-QS21/QS21L0FP.PDF /.PS
aplicación para la medida de display output, ninguna separación
TUB material: code=rha4ta



Data of Maximum color M in colorimetric system sRGB standard device; no separation, 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 $RYGCBM_d$; $h_{ab,d} = 40.0, 102.9, 136.0, 196.4, 306.3, 328.2$; 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^{*}_{dd361M}	$LAB^{*}_{dex361Mi}$ (x=LabCh)	$rgb^{*}_{ds361Mi}$	$LAB^{*}_{dsx361Mi}$ (x=LabCh)	$rgb^{*}_{dd361Mi}$	$rgb^{*}_{de361Mi}$	$LAB^{*}_{dex361Mi}$ (x=LabCh)	$rgb^{*}_{dd361Mi}$	rgb^{*}_{dd}	rgb^{*}_{ds}	rgb^{*}_{de}																		
82	75	75	1.0	0.75	0.0	77.2	9.8	79.7	80.4	82	1.0	0.667	0.0	72.5	20.6	77.0	79.7	75	1.0	0.75	0.0	1.0	0.673	0.0	72.8	19.8	77.3	79.8	75	1.0	0.75	0.0
84	76	76	1.0	0.766	0.0	78.2	7.8	80.6	81.0	84	1.0	0.677	0.0	73.1	19.3	77.4	79.8	76	1.0	0.767	0.0	1.0	0.685	0.0	73.5	18.3	77.7	79.9	76	1.0	0.767	0.0
85	77	77	1.0	0.783	0.0	79.2	5.8	81.4	81.7	85	1.0	0.688	0.0	73.7	18.0	77.8	79.9	77	1.0	0.783	0.0	1.0	0.696	0.0	74.2	16.9	78.2	80.0	77	1.0	0.783	0.0
87	78	78	1.0	0.8	0.0	80.2	3.8	82.2	82.3	87	1.0	0.698	0.0	74.3	16.6	78.2	80.0	78	1.0	0.8	0.0	1.0	0.708	0.0	74.8	15.3	78.6	80.1	78	1.0	0.8	0.0
88	79	80	1.0	0.816	0.0	81.2	1.7	82.9	83.0	88	1.0	0.708	0.0	74.9	15.3	78.6	80.1	79	1.0	0.817	0.0	1.0	0.72	0.0	75.5	13.8	78.9	80.1	80	1.0	0.817	0.0
90	80	81	1.0	0.833	0.0	82.2	-0.3	83.6	83.6	90	1.0	0.719	0.0	75.5	13.9	78.9	80.1	80	1.0	0.833	0.0	1.0	0.731	0.0	76.2	12.3	79.3	80.2	81	1.0	0.833	0.0
91	81	82	1.0	0.85	0.0	83.3	-2.5	84.2	84.3	91	1.0	0.729	0.0	76.1	12.6	79.2	80.2	81	1.0	0.85	0.0	1.0	0.743	0.0	76.8	10.8	79.6	80.3	82	1.0	0.85	0.0
93	82	83	1.0	0.866	0.0	84.3	-4.6	84.8	84.9	93	1.0	0.74	0.0	76.7	11.2	79.5	80.3	82	1.0	0.867	0.0	1.0	0.755	0.0	77.5	9.3	80.1	80.6	83	1.0	0.867	0.0
94	83	84	1.0	0.883	0.0	85.3	-6.7	85.5	85.8	94	1.0	0.75	0.0	77.3	9.8	79.8	80.4	83	1.0	0.883	0.0	1.0	0.768	0.0	78.3	7.8	80.7	81.1	84	1.0	0.883	0.0
95	84	85	1.0	0.9	0.0	86.3	-8.5	86.4	86.8	95	1.0	0.762	0.0	78.0	8.5	80.4	80.9	84	1.0	0.9	0.0	1.0	0.78	0.0	79.1	6.2	81.4	81.6	85	1.0	0.9	0.0
96	85	86	1.0	0.916	0.0	87.4	-10.5	87.2	87.8	96	1.0	0.773	0.0	78.7	7.1	81.0	81.3	85	1.0	0.917	0.0	1.0	0.793	0.0	79.9	4.7	82.0	82.1	86	1.0	0.917	0.0
98	86	87	1.0	0.933	0.0	88.4	-12.4	88.0	88.9	98	1.0	0.785	0.0	79.3	5.7	81.6	81.8	86	1.0	0.933	0.0	1.0	0.806	0.0	80.6	3.1	82.5	82.6	87	1.0	0.933	0.0
99	87	88	1.0	0.95	0.0	89.5	-14.4	88.7	89.9	99	1.0	0.796	0.0	80.0	4.3	82.1	82.2	87	1.0	0.95	0.0	1.0	0.819	0.0	81.4	1.5	83.1	83.1	88	1.0	0.95	0.0
100	88	90	1.0	0.966	0.0	90.5	-16.5	89.4	91.0	100	1.0	0.808	0.0	80.7	2.9	82.6	82.7	88	1.0	0.967	0.0	1.0	0.831	0.0	82.2	0.0	83.6	83.6	90	1.0	0.967	0.0
101	89	91	1.0	0.983	0.0	91.6	-18.5	90.1	92.0	101	1.0	0.819	0.0	81.4	1.5	83.1	83.1	89	1.0	0.983	0.0	1.0	0.844	0.0	83.0	-1.7	84.1	84.1	91	1.0	0.983	0.0
102	90	92	1.0	1.0	0.0	92.6	-20.7	90.7	93.0	102	1.0	0.831	0.0	82.1	0.0	83.5	83.5	90	1.0	1.0	0.0	1.0	0.857	0.0	83.7	-3.3	84.5	84.6	92	1.0	1.0	0.0
103	91	93	0.983	1.0	0.0	92.3	-22.3	90.5	93.2	103	1.0	0.842	0.0	82.8	-1.4	84.0	84.0	91	0.983	1.0	0.0	1.0	0.87	0.0	84.5	-5.1	84.9	85.1	93	0.983	1.0	0.0
104	92	94	0.966	1.0	0.0	92.0	-24.0	90.2	93.3	104	1.0	0.853	0.0	83.5	-2.8	84.4	84.4	92	0.967	1.0	0.0	1.0	0.886	0.0	85.5	-6.9	85.7	85.9	94	0.967	1.0	0.0
105	93	95	0.95	1.0	0.0	91.7	-25.6	89.9	93.5	105	1.0	0.865	0.0	84.2	-4.3	84.8	84.9	93	0.95	1.0	0.0	1.0	0.902	0.0	86.5	-8.7	86.5	87.0	95	0.95	1.0	0.0
106	94	96	0.933	1.0	0.0	91.4	-27.3	89.5	93.6	106	1.0	0.877	0.0	84.9	-5.9	85.2	85.4	94	0.933	1.0	0.0	1.0	0.918	0.0	87.5	-10.6	87.3	88.0	96	0.933	1.0	0.0
108	95	98	0.916	1.0	0.0	91.1	-28.9	89.1	93.7	108	1.0	0.891	0.0	85.8	-7.4	85.9	86.3	95	0.917	1.0	0.0	1.0	0.934	0.0	88.5	-12.5	88.1	89.0	98	0.917	1.0	0.0
109	96	99	0.9	1.0	0.0	90.8	-30.6	88.7	93.9	109	1.0	0.904	0.0	86.7	-9.0	86.6	87.1	96	0.9	1.0	0.0	1.0	0.951	0.0	89.6	-14.4	88.8	90.0	99	0.9	1.0	0.0
110	97	100	0.883	1.0	0.0	90.5	-32.2	88.3	94.0	110	1.0	0.918	0.0	87.5	-10.6	87.3	88.0	97	0.883	1.0	0.0	1.0	0.967	0.0	90.6	-16.4	89.5	91.0	100	0.883	1.0	0.0
111	98	101	0.866	1.0	0.0	90.3	-33.8	88.0	94.3	111	1.0	0.932	0.0	88.4	-12.3	88.0	88.9	98	0.867	1.0	0.0	1.0	0.983	0.0	91.6	-18.5	90.1	92.0	101	0.867	1.0	0.0
111	99	102	0.85	1.0	0.0	90.0	-35.4	87.7	94.6	111	1.0	0.946	0.0	89.3	-13.9	88.6	89.7	99	0.85	1.0	0.0	1.0	0.999	0.0	92.6	-20.5	90.7	93.0	102	0.85	1.0	0.0
112	100	103	0.833	1.0	0.0	89.8	-37.0	87.5	95.0	112	1.0	0.96	0.0	90.2	-15.6	89.2	90.6	100	0.833	1.0	0.0	1.0	0.982	0.0	92.3	-22.4	90.5	93.2	103	0.833	1.0	0.0
113	101	105	0.816	1.0	0.0	89.5	-38.6	87.2	95.4	113	1.0	0.974	0.0	91.0	-17.4	89.8	91.5	101	0.817	1.0	0.0	1.0	0.963	0.0	92.0	-24.3	90.2	93.4	105	0.817	1.0	0.0
114	102	106	0.8	1.0	0.0	89.3	-40.1	86.9	95.7	114	1.0	0.988	0.0	91.9	-19.1	90.3	92.3	102	0.8	1.0	0.0	1.0	0.944	0.0	91.7	-26.1	89.8	93.6	106	0.8	1.0	0.0
115	103	107	0.783	1.0	0.0	89.0	-41.7	86.6	96.1	115	0.998	1.0	0.0	92.6	-20.8	90.7	93.1	103	0.783	1.0	0.0	1.0	0.926	0.0	91.3	-28.0	89.4	93.7	107	0.783	1.0	0.0
116	104	108	0.766	1.0	0.0	88.7	-43.3	86.2	96.5	116	0.981	1.0	0.0	92.3	-22.5	90.5	93.2	104	0.767	1.0	0.0	1.0	0.907	0.0	91.0	-29.9	89.0	93.9	108	0.767	1.0	0.0
117	105	109	0.75	1.0	0.0	88.5	-44.9	85.8	96.8	117	0.965	1.0	0.0	92.0	-24.1	90.2	93.4	105	0.75	1.0	0.0	1.0	0.888	0.0	90.7	-31.7	88.5	94.0	109	0.75	1.0	0.0
118	106	110	0.733	1.0	0.0	88.3	-46.3	85.6	97.4	118	0.949	1.0	0.0	91.8	-25.7	89.9	93.5	106	0.733	1.0	0.0	1.0	0.868	0.0	90.3	-33.6	88.0	94.3	110	0.733	1.0	0.0
119	107	112	0.716	1.0	0.0	88.1	-47.8	85.4	97.9	119	0.933	1.0	0.0	91.5	-27.3	89.6	93.6	107	0.717	1.0	0.0	1.0	0.848	0.0	90.0	-35.6	87.8	94.7	112	0.717	1.0	0.0
120	108	113	0.7	1.0	0.0	87.9	-49.2	85.2	98.4	120	0.917	1.0	0.0	91.2	-28.9	89.2	93.8	108	0.7	1.0	0.0	1.0	0.827	0.0	89.7	-37.5	87.4	95.2	113	0.7	1.0	0.0
120	109	114	0.683	1.0	0.0	87.6	-50.7	84.9	98.9	120	0.901	1.0	0.0	90.9	-30.5	88.8	93.9	109	0.683	1.0	0.0	1.0	0.806	0.0	89.4	-39.5	87.1	95.7	114	0.683	1.0	0.0
121	110	115	0.666	1.0	0.0	87.4	-52.1	84.7	99.4	121	0.884	1.0	0.0	90.6	-32.1	88.4	94.1	110	0.667	1.0	0.0	1.0	0.786	0.0	89.1	-41.5	86.7	96.1	115	0.667	1.0	0.0
122	111	116	0.65	1.0	0.0	87.2	-53.6	84.4	100.0	122	0.868	1.0	0.0	90.3	-33.7	88.0	94.3	111	0.65	1.0	0.0	1.0	0.765	0.0	88.8	-43.4	86.2	96.6	116	0.65	1.0	0.0
123	112	117	0.633	1.0	0.0	87.0	-55.0	84.1	100.5	123	0.85	1.0	0.0	90.1	-35.4	87.8	94.7	112	0.633	1.0	0.0	1.0	0.743	0.0	88.5	-45.4	85.8	97.1	117	0.633	1.0	0.0
123	113	119	0.616	1.0	0.0	86.8	-56.4	83.8	101.0	123	0.832	1.0	0.0	89.8	-37.1	87.5	95.1	113	0.617	1.0	0.0	1.0	0.719	0.0	88.2	-47.5	85.5	97.9	119	0.617	1.0	0.0
124	114	120	0.6	1.0	0.0	86.7	-57.6	83.7	101.6	124	0.814	1.0	0.0	89.5	-38.7	87.2	95.5	114	0.6	1.0	0.0	1.0	0.695	0.0	87.8	-49.6	85.2	98.6	120	0.6	1.0	0.0
125	115	121	0.583	1.0	0.0	86.5	-58.9	83.5	102.2	125	0.797	1.0	0.0	89.3	-40.4	86.9	95.9	115	0.583	1.0	0.0	1.0	0.67	0.0	87.5	-51.7	84.8	99.4				

Data of Maximum color M in colorimetric system sRGB standard device; no separation, D65 for input or output; Six hue angles of the 60 degree standard colours RYGBM_s; h_{ab,ds} = 30.0, 90.0, 150.0, 210.0, 270.0, 330.0;
 Six hue angles of the device colours RYGBM_d; h_{ab,d} = 40.0, 102.9, 136.0, 196.4, 306.3, 328.2; Six hue angles of the elementary colours RYGBM_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* _{dd} 361M	LAB* _{dd} 361Mi (x=LabCh)	rgb* _{ds} 361Mi	LAB* _{ds} 361Mi (x=LabCh)	rgb* _{de} 361Mi	LAB* _{de} 361Mi (x=LabCh)	rgb* _{dd} 361Mi	LAB* _{dd} 361Mi	rgb* _{ds} 361Mi	LAB* _{ds} 361Mi	rgb* _{de} 361Mi	LAB* _{de} 361Mi	rgb* _{dd} 361Mi	LAB* _{dd} 361Mi	rgb* _{ds} 361Mi	LAB* _{ds} 361Mi	rgb* _{de} 361Mi	LAB* _{de} 361Mi																	
128	120	127	0.5	1.0	0.0	85.7	-65.2	82.4	105.1	128	0.7	1.0	0.0	87.9	-49.1	85.3	98.4	120	0.5	1.0	0.0	0.529	1.0	0.0	86.0	-62.9	82.9	104.1	127	0.5	1.0	0.0					
128	121	128	0.483	1.0	0.0	85.5	-66.2	82.3	105.6	128	0.68	1.0	0.0	87.7	-50.9	84.9	99.1	121	0.483	1.0	0.0	0.498	1.0	0.0	85.7	-65.3	82.4	105.2	128	0.483	1.0	0.0					
129	122	129	0.466	1.0	0.0	85.4	-67.2	82.1	106.1	129	0.659	1.0	0.0	87.4	-52.8	84.6	99.7	122	0.466	1.0	0.0	0.456	1.0	0.0	85.4	-67.8	82.1	106.5	129	0.466	1.0	0.0					
129	123	130	0.45	1.0	0.0	85.3	-68.2	82.0	106.7	129	0.638	1.0	0.0	87.1	-54.6	84.2	100.4	123	0.45	1.0	0.0	0.414	1.0	0.0	85.1	-70.3	81.7	107.9	130	0.45	1.0	0.0					
130	124	131	0.433	1.0	0.0	85.0	-69.2	81.8	107.2	130	0.615	1.0	0.0	86.9	-56.5	83.9	101.1	124	0.433	1.0	0.0	0.372	1.0	0.0	84.7	-72.9	81.3	109.2	131	0.433	1.0	0.0					
130	125	133	0.416	1.0	0.0	85.2	-70.2	81.7	107.8	130	0.589	1.0	0.0	86.6	-58.4	83.6	102.1	125	0.416	1.0	0.0	0.309	1.0	0.0	84.4	-75.6	80.9	110.8	133	0.416	1.0	0.0					
131	126	134	0.4	1.0	0.0	84.9	-71.3	81.5	108.3	131	0.562	1.0	0.0	86.3	-60.4	83.3	103.0	126	0.4	1.0	0.0	0.244	1.0	0.0	84.1	-78.3	80.5	112.4	134	0.4	1.0	0.0					
131	127	135	0.383	1.0	0.0	84.8	-72.3	81.3	108.8	131	0.536	1.0	0.0	86.1	-62.4	83.0	103.9	127	0.383	1.0	0.0	0.132	1.0	0.0	83.8	-81.2	80.1	114.1	135	0.383	1.0	0.0					
132	128	136	0.366	1.0	0.0	84.7	-73.2	81.2	109.3	132	0.51	1.0	0.0	85.8	-64.4	82.6	104.8	128	0.366	1.0	0.0	0.0	1.0	0.0	0.073	83.7	-82.3	78.0	113.5	136	0.366	1.0	0.0				
132	129	137	0.35	1.0	0.0	84.6	-73.9	81.1	109.7	132	0.477	1.0	0.0	85.5	-66.5	82.3	105.8	129	0.35	1.0	0.0	0.0	1.0	0.0	0.165	83.7	-81.6	74.2	110.4	137	0.35	1.0	0.0				
132	130	138	0.333	1.0	0.0	84.5	-74.6	81.0	110.1	132	0.442	1.0	0.0	85.3	-68.7	82.0	107.0	130	0.333	1.0	0.0	0.0	1.0	0.0	0.227	83.8	-80.8	70.5	107.3	138	0.333	1.0	0.0				
132	131	140	0.316	1.0	0.0	84.4	-75.3	80.9	110.6	132	0.406	1.0	0.0	85.0	-70.9	81.6	108.1	131	0.316	1.0	0.0	0.0	1.0	0.0	0.273	83.8	-80.0	67.0	104.5	140	0.316	1.0	0.0				
133	132	141	0.3	1.0	0.0	84.3	-76.0	80.8	111.0	133	0.368	1.0	0.0	84.7	-73.1	81.2	109.3	132	0.3	1.0	0.0	0.0	1.0	0.0	0.311	83.9	-79.3	63.7	101.8	141	0.3	1.0	0.0				
133	133	142	0.283	1.0	0.0	84.2	-76.8	80.7	111.4	133	0.314	1.0	0.0	84.5	-75.4	80.9	110.7	133	0.283	1.0	0.0	0.0	1.0	0.0	0.349	84.0	-78.4	60.4	99.0	142	0.283	1.0	0.0				
133	134	143	0.266	1.0	0.0	84.2	-77.5	80.6	111.8	133	0.261	1.0	0.0	84.2	-77.7	80.6	112.0	134	0.266	1.0	0.0	0.0	1.0	0.0	0.383	84.0	-77.5	57.3	96.4	143	0.266	1.0	0.0				
134	135	144	0.25	1.0	0.0	84.1	-78.2	80.5	112.2	134	0.173	1.0	0.0	83.9	-80.2	80.3	113.5	135	0.25	1.0	0.0	0.0	1.0	0.0	0.41	84.1	-76.8	54.3	94.1	144	0.25	1.0	0.0				
134	136	145	0.233	1.0	0.0	84.0	-78.7	80.4	112.5	134	0.004	1.0	0.0	83.6	-82.6	79.9	115.0	136	0.233	1.0	0.0	0.0	1.0	0.0	0.437	84.2	-75.9	51.5	91.8	145	0.233	1.0	0.0				
134	137	147	0.216	1.0	0.0	84.0	-79.1	80.4	112.8	134	0.0	1.0	0.0	0.125	83.7	-82.1	76.6	112.3	137	0.216	1.0	0.0	0.0	1.0	0.0	0.464	84.2	-75.0	48.7	89.5	147	0.216	1.0	0.0			
134	138	148	0.2	1.0	0.0	83.9	-79.5	80.3	113.0	134	0.0	1.0	0.0	0.178	83.7	-81.4	73.4	109.7	138	0.2	1.0	0.0	0.0	1.0	0.0	0.491	84.3	-74.1	45.9	87.2	148	0.2	1.0	0.0			
134	139	149	0.183	1.0	0.0	83.9	-79.9	80.2	113.3	134	0.0	1.0	0.0	0.231	83.8	-80.7	70.3	107.1	139	0.183	1.0	0.0	0.0	1.0	0.0	0.513	84.4	-73.3	43.4	85.2	149	0.183	1.0	0.0			
135	140	150	0.166	1.0	0.0	83.8	-80.4	80.2	113.5	135	0.0	1.0	0.0	0.271	83.8	-80.1	67.3	104.7	140	0.166	1.0	0.0	0.0	1.0	0.0	0.533	84.5	-72.5	41.0	83.4	150	0.166	1.0	0.0			
135	141	151	0.15	1.0	0.0	83.8	-80.8	80.1	113.8	135	0.0	1.0	0.0	0.303	83.9	-79.4	64.4	102.3	141	0.15	1.0	0.0	0.0	1.0	0.0	0.553	84.5	-71.7	38.6	81.6	151	0.15	1.0	0.0			
135	142	152	0.133	1.0	0.0	83.7	-81.2	80.1	114.1	135	0.0	1.0	0.0	0.335	83.9	-78.7	61.6	100.0	142	0.133	1.0	0.0	0.0	1.0	0.0	0.573	84.6	-70.9	36.3	79.8	152	0.133	1.0	0.0			
135	143	154	0.116	1.0	0.0	83.7	-81.5	80.0	114.2	135	0.0	1.0	0.0	0.368	84.0	-77.9	58.8	97.7	143	0.116	1.0	0.0	0.0	1.0	0.0	0.593	84.7	-70.0	34.1	77.9	154	0.116	1.0	0.0			
135	144	155	0.1	1.0	0.0	83.7	-81.7	80.0	114.4	135	0.0	1.0	0.0	0.393	84.1	-77.3	56.2	95.6	144	0.1	1.0	0.0	0.0	1.0	0.0	0.614	84.7	-69.0	31.9	76.1	155	0.1	1.0	0.0			
135	145	156	0.083	1.0	0.0	83.7	-81.9	80.0	114.5	135	0.0	1.0	0.0	0.416	84.1	-76.6	53.7	93.6	145	0.083	1.0	0.0	0.0	1.0	0.0	0.631	84.8	-68.2	29.8	74.5	156	0.083	1.0	0.0			
135	146	157	0.066	1.0	0.0	83.7	-82.0	79.9	114.6	135	0.0	1.0	0.0	0.439	84.2	-75.9	51.3	91.7	146	0.066	1.0	0.0	0.0	1.0	0.0	0.646	84.9	-67.5	27.9	73.2	157	0.066	1.0	0.0			
135	147	158	0.049	1.0	0.0	83.6	-82.2	79.9	114.7	135	0.0	1.0	0.0	0.462	84.2	-75.1	48.8	89.7	147	0.049	1.0	0.0	0.0	1.0	0.0	0.661	85.0	-66.9	26.1	71.9	158	0.049	1.0	0.0			
135	148	159	0.033	1.0	0.0	83.6	-82.4	79.9	114.8	135	0.0	1.0	0.0	0.485	84.3	-74.3	46.5	87.7	148	0.033	1.0	0.0	0.0	1.0	0.0	0.676	85.0	-66.2	24.3	70.6	159	0.033	1.0	0.0			
135	149	161	0.016	1.0	0.0	83.6	-82.6	79.9	114.9	135	0.0	1.0	0.0	0.506	84.4	-73.5	44.2	85.9	149	0.016	1.0	0.0	0.0	1.0	0.0	0.691	85.1	-65.4	22.5	69.2	161	0.016	1.0	0.0			
136	150	162	0.0	1.0	0.0	83.6	-82.7	79.8	115.0	136	G _d	0.0	1.0	0.0	0.523	84.4	-72.9	42.1	84.3	150	G _s	0.0	1.0	0.0	0.0	1.0	0.0	0.706	85.2	-64.6	20.7	67.9	162	G _e	0.0	1.0	0.0
136	151	163	0.0	1.0	0.016	83.6	-82.7	79.4	114.6	136	0.0	1.0	0.0	0.541	84.5	-72.3	40.1	82.7	151	0.0	1.0	0.017	0.0	1.0	0.0	0.718	85.2	-63.9	19.4	66.9	163	0.0	1.0	0.017			
136	152	164	0.0	1.0	0.033	83.6	-82.6	79.0	114.3	136	0.0	1.0	0.0	0.558	84.5	-71.6	38.1	81.2	152	0.0	1.0	0.033	0.0	1.0	0.0	0.73	85.3	-63.2	18.1	65.9	164	0.0	1.0	0.033			
136	153	164	0.0	1.0	0.05	83.6	-82.5	78.5	113.9	136	0.0	1.0	0.0	0.575	84.6	-70.8	36.1	79.6	153	0.0	1.0	0.05	0.0	1.0	0.0	0.741	85.3	-62.5	16.8	64.8	164	0.0	1.0	0.05			
136	154	165	0.0	1.0	0.066	83.6	-82.4	78.1	113.5	136	0.0	1.0	0.0	0.592	84.7	-70.0	34.2	78.0	154	0.0	1.0	0.067	0.0	1.0	0.0	0.752	85.4	-61.9	15.6	63.9	165	0.0	1.0	0.067			
136	155	166	0.0	1.0	0.083	83.6	-82.3	77.6	113.2	136	0.0	1.0	0.0	0.61	84.7	-69.2	32.3	76.5	155	0.0	1.0	0.083	0.0	1.0	0.0	0.761	85.4	-61.5	14.5	63.2	166	0.0	1.0	0.083			
136	156	167	0.0	1.0	0.1	83.6	-82.2	77.2	112.8	136	0.0	1.0	0.0	0.629	84.8	-68.4	30.3	74.9	156	0.0	1.0	0.1	0.0	1.0	0.0	0.77	85.5	-61.1	13.3	62.6	167	0.0	1.0	0.1			
136	157	168	0.0	1.0	0.116	83.6	-82.1	76.8	112.5	136	0.0	1.0	0.0	0.639	84.9	-67.8	28.8	73.8	157	0.0	1.0	0.117	0.0	1.0	0.0	0.778	85.5	-60.6	12.2	61.9	168	0.0	1.0	0.117			
1																																					

Data of Maximum color M in colorimetric system sRGB standard device; no separation, D65 for input or output; Six hue angles of the 60 degree standard colours RYGBM_s; h_{ab,ds} = 30.0, 90.0, 150.0, 210.0, 270.0, 330.0;
 Six hue angles of the device colours RYGBM_d; h_{ab,d} = 40.0, 102.9, 136.0, 196.4, 306.3, 328.2; Six hue angles of the elementary colours RYGBM_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}	LAB* _{de361Mi}	rgb* _{dex361Mi} (x=LabCh)	rgb* _{dd361Mi}	LAB* _{de361Mi}	rgb* _{dd361Mi}	rgb* _{dd}	rgb* _{ds}	rgb* _{de}	
139	165	175	0.0	1.0	0.25	83.8	-80.5	69.1	106.1	139	0.0	1.0	0.25	0.0	1.0	0.25
139	166	176	0.0	1.0	0.266	83.8	-80.2	67.6	104.9	139	0.0	1.0	0.267	0.0	1.0	0.267
140	167	177	0.0	1.0	0.283	83.8	-79.9	66.1	103.7	140	0.0	1.0	0.283	0.0	1.0	0.283
140	168	178	0.0	1.0	0.3	83.8	-79.6	64.6	102.5	140	0.0	1.0	0.3	0.0	1.0	0.3
141	169	179	0.0	1.0	0.316	83.9	-79.2	63.1	101.3	141	0.0	1.0	0.317	0.0	1.0	0.317
141	170	180	0.0	1.0	0.333	83.9	-78.8	61.7	100.1	141	0.0	1.0	0.333	0.0	1.0	0.333
142	171	181	0.0	1.0	0.35	83.9	-78.4	60.2	98.9	142	0.0	1.0	0.35	0.0	1.0	0.35
142	172	182	0.0	1.0	0.366	84.0	-78.0	58.8	97.7	142	0.0	1.0	0.367	0.0	1.0	0.367
143	173	183	0.0	1.0	0.383	84.0	-77.6	57.2	96.4	143	0.0	1.0	0.383	0.0	1.0	0.383
144	174	184	0.0	1.0	0.4	84.0	-77.1	55.4	94.9	144	0.0	1.0	0.4	0.0	1.0	0.4
145	175	185	0.0	1.0	0.416	84.1	-76.6	53.6	93.5	145	0.0	1.0	0.417	0.0	1.0	0.417
145	176	185	0.0	1.0	0.433	84.1	-76.1	51.8	92.1	145	0.0	1.0	0.433	0.0	1.0	0.433
146	177	186	0.0	1.0	0.45	84.2	-75.6	50.0	90.6	146	0.0	1.0	0.45	0.0	1.0	0.45
147	178	187	0.0	1.0	0.466	84.2	-75.0	48.3	89.2	147	0.0	1.0	0.467	0.0	1.0	0.467
147	179	188	0.0	1.0	0.483	84.3	-74.4	46.6	87.8	147	0.0	1.0	0.483	0.0	1.0	0.483
148	180	189	0.0	1.0	0.5	84.3	-73.7	44.9	86.4	148	0.0	1.0	0.5	0.0	1.0	0.5
149	181	190	0.0	1.0	0.516	84.4	-73.2	42.9	84.8	149	0.0	1.0	0.517	0.0	1.0	0.517
150	182	191	0.0	1.0	0.533	84.4	-72.6	40.9	83.3	150	0.0	1.0	0.533	0.0	1.0	0.533
151	183	192	0.0	1.0	0.55	84.5	-71.9	39.0	81.8	151	0.0	1.0	0.55	0.0	1.0	0.55
152	184	193	0.0	1.0	0.566	84.5	-71.2	37.0	80.3	152	0.0	1.0	0.567	0.0	1.0	0.567
153	185	194	0.0	1.0	0.583	84.6	-70.5	35.2	78.8	153	0.0	1.0	0.583	0.0	1.0	0.583
154	186	195	0.0	1.0	0.6	84.6	-69.7	33.3	77.3	154	0.0	1.0	0.6	0.0	1.0	0.6
155	187	195	0.0	1.0	0.616	84.7	-68.9	31.5	75.8	155	0.0	1.0	0.617	0.0	1.0	0.617
156	188	196	0.0	1.0	0.633	84.8	-68.1	29.5	74.3	156	0.0	1.0	0.633	0.0	1.0	0.633
157	189	197	0.0	1.0	0.65	84.8	-67.4	27.4	72.8	157	0.0	1.0	0.65	0.0	1.0	0.65
159	190	198	0.0	1.0	0.666	84.9	-66.7	25.4	71.3	159	0.0	1.0	0.667	0.0	1.0	0.667
160	191	199	0.0	1.0	0.683	85.0	-65.8	23.4	69.9	160	0.0	1.0	0.683	0.0	1.0	0.683
161	192	200	0.0	1.0	0.7	85.1	-65.0	21.4	68.4	161	0.0	1.0	0.7	0.0	1.0	0.7
163	193	201	0.0	1.0	0.716	85.2	-64.0	19.5	67.0	163	0.0	1.0	0.717	0.0	1.0	0.717
164	194	202	0.0	1.0	0.733	85.2	-63.1	17.6	65.5	164	0.0	1.0	0.733	0.0	1.0	0.733
165	195	203	0.0	1.0	0.75	85.3	-62.0	15.9	64.0	165	0.0	1.0	0.75	0.0	1.0	0.75
167	196	204	0.0	1.0	0.766	85.4	-61.2	13.7	62.8	167	0.0	1.0	0.767	0.0	1.0	0.767
169	197	205	0.0	1.0	0.783	85.5	-60.4	11.5	61.5	169	0.0	1.0	0.783	0.0	1.0	0.783
170	198	206	0.0	1.0	0.8	85.6	-59.5	9.5	60.2	170	0.0	1.0	0.8	0.0	1.0	0.8
172	199	206	0.0	1.0	0.816	85.7	-58.5	7.5	59.0	172	0.0	1.0	0.817	0.0	1.0	0.817
174	200	207	0.0	1.0	0.833	85.8	-57.4	5.5	57.7	174	0.0	1.0	0.833	0.0	1.0	0.833
176	201	208	0.0	1.0	0.85	85.9	-56.3	3.7	56.4	176	0.0	1.0	0.85	0.0	1.0	0.85
177	202	209	0.0	1.0	0.866	86.0	-55.1	1.9	55.2	177	0.0	1.0	0.867	0.0	1.0	0.867
180	203	210	0.0	1.0	0.883	86.1	-54.1	0.0	54.1	180	0.0	1.0	0.883	0.0	1.0	0.883
182	204	211	0.0	1.0	0.9	86.2	-53.2	-2.1	53.2	182	0.0	1.0	0.9	0.0	1.0	0.9
184	205	212	0.0	1.0	0.916	86.3	-52.2	-4.2	52.4	184	0.0	1.0	0.917	0.0	1.0	0.917
187	206	213	0.0	1.0	0.933	86.4	-51.1	-6.3	51.5	187	0.0	1.0	0.933	0.0	1.0	0.933
189	207	214	0.0	1.0	0.95	86.5	-50.0	-8.2	50.7	189	0.0	1.0	0.95	0.0	1.0	0.95
191	208	215	0.0	1.0	0.966	86.6	-48.8	-10.1	49.8	191	0.0	1.0	0.967	0.0	1.0	0.967
194	209	216	0.0	1.0	0.983	86.7	-47.5	-11.8	48.9	194	0.0	1.0	0.983	0.0	1.0	0.983
196	210	216	0.0	1.0	1.0	86.8	-46.1	-13.5	48.1	196	0.0	1.0	1.0	0.0	1.0	1.0

vea archivos semejantes: http://130.149.60.45/~farbmetrik/QS21/QS21.HTM
 información técnica: http://www.ps.bam.de o http://130.149.60.45/~farbmetrik

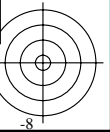
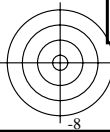
TUB matrícula: 20130201-QS21/QS21LOFP.PDF /.PS
 aplicación para la medida de display output, ninguna separación
 TUB material: code=rh4ta

2-103830-L0 QS210-72 LAB*la0, YN=0%, XYZnw=0.0, 0.0, 0.0, 84.2, 88.6, 96.5, LAB*nw=0.0, 0.0, 0.0, 95.4, 0.0, 0.0

salida: sRGB standard device; no separation, D65, página 9/29

gráfico TUB-QS21; código de tono: H*d=R75Yd
 círculo de tono, 48 pasos; rgb-LabCh*mesas

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



vea archivos semejantes: <http://130.149.60.45/~farbmetrik/QS21/QS21.HTM>
información técnica: <http://www.ps.bam.de> o <http://130.149.60.45/~farbmetrik>

TUB matrícula: 20130201-QS21/QS21L0FP.PDF /.PS
aplicación para la medida de display output, ninguna separación
TUB material: code=rh4t4

Data of Maximum color M in colorimetric system sRGB standard device; no separation, D65 for input or output; Six hue angles of the 60 degree standard colours RYGBM_s; h_{ab,ds} = 30.0, 90.0, 150.0, 210.0, 270.0, 330.0;

Six hue angles of the device colours RYGBM_d: h_{ab,d} = 40.0, 102.9, 136.0, 196.4, 306.3, 328.2; Six hue angles of the elementary colours RYGBM_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 [*] _{dd361Mi (x=LabCh)}	rgb [*] _{ds361Mi}	LAB [*] _{dsx361Mi (x=LabCh)}	rgb [*] _{dd361Mi}	LAB [*] _{de361Mi}	rgb [*] _{dex361Mi (x=LabCh)}	rgb [*] _{dd361Mi}	rgb [*] _{ds}	rgb [*] _{de}
196	210	216	0.0 1.0 1.0	86.8 -46.1 -13.5 48.1 196	0.0 0.927 1.0	81.7 -38.6 -22.2 44.7 210C _s	0.0 1.0 1.0	0.0 0.89 1.0	79.1 -34.2 -25.7 42.9 216C _e	0.0 1.0 1.0		
199	211	217	0.0 0.983 1.0	85.6 -44.6 -15.8 47.3 199	0.0 0.922 1.0	81.3 -38.0 -22.8 44.4 211	0.0 0.983 1.0	0.0 0.885 1.0	78.7 -33.6 -26.1 42.7 217	0.0 0.983 1.0		
202	212	218	0.0 0.966 1.0	84.5 -42.9 -17.9 46.5 202	0.0 0.917 1.0	81.0 -37.3 -23.3 44.2 212	0.0 0.967 1.0	0.0 0.881 1.0	78.4 -33.0 -26.5 42.4 218	0.0 0.967 1.0		
205	213	219	0.0 0.95 1.0	83.3 -41.1 -19.8 45.7 205	0.0 0.911 1.0	80.6 -36.7 -23.8 43.9 213	0.0 0.95 1.0	0.0 0.876 1.0	78.0 -32.3 -26.9 42.2 219	0.0 0.95 1.0		
208	214	220	0.0 0.933 1.0	82.1 -39.3 -21.7 44.9 208	0.0 0.906 1.0	80.2 -36.1 -24.3 43.6 214	0.0 0.933 1.0	0.0 0.871 1.0	77.7 -31.9 -27.4 42.2 220	0.0 0.933 1.0		
212	215	221	0.0 0.916 1.0	80.9 -37.4 -23.4 44.1 212	0.0 0.901 1.0	79.8 -35.4 -24.8 43.4 215	0.0 0.917 1.0	0.0 0.867 1.0	77.4 -31.5 -27.9 42.3 221	0.0 0.917 1.0		
215	216	222	0.0 0.9 1.0	79.7 -35.4 -24.9 43.3 215	0.0 0.895 1.0	79.5 -34.8 -25.3 43.1 216	0.0 0.9 1.0	0.0 0.863 1.0	77.2 -31.1 -28.5 42.3 222	0.0 0.9 1.0		
218	217	223	0.0 0.883 1.0	78.5 -33.4 -26.3 42.5 218	0.0 0.89 1.0	79.1 -34.1 -25.7 42.9 217	0.0 0.883 1.0	0.0 0.859 1.0	76.9 -30.7 -29.0 42.4 223	0.0 0.883 1.0		
221	218	224	0.0 0.866 1.0	77.4 -31.5 -28.1 42.2 221	0.0 0.885 1.0	78.7 -33.5 -26.1 42.6 218	0.0 0.867 1.0	0.0 0.855 1.0	76.6 -30.3 -29.6 42.5 224	0.0 0.867 1.0		
225	219	225	0.0 0.85 1.0	76.2 -29.9 -30.2 42.5 225	0.0 0.879 1.0	78.3 -32.8 -26.6 42.4 219	0.0 0.85 1.0	0.0 0.851 1.0	76.3 -29.9 -30.1 42.6 225	0.0 0.85 1.0		
228	220	226	0.0 0.833 1.0	75.0 -28.1 -32.3 42.8 228	0.0 0.874 1.0	77.9 -32.2 -27.0 42.2 220	0.0 0.833 1.0	0.0 0.846 1.0	76.0 -29.4 -30.6 42.6 226	0.0 0.833 1.0		
232	221	227	0.0 0.816 1.0	73.8 -26.1 -34.2 43.1 232	0.0 0.87 1.0	77.6 -31.8 -27.6 42.2 221	0.0 0.817 1.0	0.0 0.842 1.0	75.7 -29.0 -31.1 42.7 227	0.0 0.817 1.0		
236	222	227	0.0 0.8 1.0	72.6 -24.0 -36.0 43.3 236	0.0 0.865 1.0	77.3 -31.3 -28.2 42.3 222	0.0 0.8 1.0	0.0 0.838 1.0	75.4 -28.5 -31.6 42.8 227	0.0 0.8 1.0		
239	223	228	0.0 0.783 1.0	71.4 -21.8 -37.7 43.6 239	0.0 0.861 1.0	77.0 -30.9 -28.8 42.4 223	0.0 0.783 1.0	0.0 0.834 1.0	75.1 -28.1 -32.1 42.8 228	0.0 0.783 1.0		
243	224	229	0.0 0.766 1.0	70.2 -19.5 -39.3 43.9 243	0.0 0.856 1.0	76.7 -30.4 -29.4 42.5 224	0.0 0.767 1.0	0.0 0.83 1.0	74.8 -27.6 -32.6 42.9 229	0.0 0.767 1.0		
247	225	230	0.0 0.75 1.0	69.1 -17.0 -40.7 44.1 247	0.0 0.851 1.0	76.3 -30.0 -30.0 42.5 225	0.0 0.75 1.0	0.0 0.826 1.0	74.5 -27.1 -33.1 43.0 230	0.0 0.75 1.0		
250	226	231	0.0 0.733 1.0	67.9 -15.3 -42.9 45.5 250	0.0 0.847 1.0	76.0 -29.5 -30.6 42.6 226	0.0 0.733 1.0	0.0 0.821 1.0	74.2 -26.6 -33.6 43.0 231	0.0 0.733 1.0		
253	227	232	0.0 0.716 1.0	66.7 -13.5 -44.9 46.9 253	0.0 0.842 1.0	75.7 -29.0 -31.1 42.7 227	0.0 0.717 1.0	0.0 0.817 1.0	73.9 -26.1 -34.1 43.1 232	0.0 0.717 1.0		
256	228	233	0.0 0.7 1.0	65.5 -11.4 -46.9 48.3 256	0.0 0.838 1.0	75.4 -28.5 -31.7 42.8 228	0.0 0.7 1.0	0.0 0.813 1.0	73.6 -25.6 -34.6 43.2 233	0.0 0.7 1.0		
259	229	234	0.0 0.683 1.0	64.4 -9.2 -48.8 49.7 259	0.0 0.833 1.0	75.0 -28.0 -32.2 42.8 229	0.0 0.683 1.0	0.0 0.809 1.0	73.3 -25.1 -35.0 43.2 234	0.0 0.683 1.0		
262	230	235	0.0 0.666 1.0	63.2 -6.8 -50.6 51.1 262	0.0 0.829 1.0	74.7 -27.5 -32.8 42.9 230	0.0 0.667 1.0	0.0 0.805 1.0	73.0 -24.6 -35.5 43.3 235	0.0 0.667 1.0		
265	231	236	0.0 0.65 1.0	62.0 -4.2 -52.3 52.5 265	0.0 0.824 1.0	74.4 -26.9 -33.3 43.0 231	0.0 0.65 1.0	0.0 0.801 1.0	72.7 -24.1 -35.9 43.4 236	0.0 0.65 1.0		
268	232	237	0.0 0.633 1.0	60.9 -1.5 -53.9 53.9 268	0.0 0.82 1.0	74.1 -26.4 -33.8 43.1 232	0.0 0.633 1.0	0.0 0.797 1.0	72.4 -23.5 -36.3 43.4 237	0.0 0.633 1.0		
270	233	237	0.0 0.616 1.0	59.7 0.8 -55.6 55.7 270	0.0 0.815 1.0	73.7 -25.9 -34.3 43.1 233	0.0 0.617 1.0	0.0 0.792 1.0	72.1 -23.0 -36.8 43.5 237	0.0 0.617 1.0		
272	234	238	0.0 0.6 1.0	58.6 2.9 -57.7 57.8 272	0.0 0.81 1.0	73.4 -25.3 -34.9 43.2 234	0.0 0.6 1.0	0.0 0.788 1.0	71.8 -22.4 -37.2 43.6 238	0.0 0.6 1.0		
274	235	239	0.0 0.583 1.0	57.4 5.1 -59.7 59.9 274	0.0 0.806 1.0	73.1 -24.7 -35.4 43.3 235	0.0 0.583 1.0	0.0 0.784 1.0	71.5 -21.8 -37.6 43.6 239	0.0 0.583 1.0		
276	236	240	0.0 0.566 1.0	56.3 7.4 -61.6 62.1 276	0.0 0.801 1.0	72.8 -24.1 -35.8 43.4 236	0.0 0.567 1.0	0.0 0.78 1.0	71.2 -21.3 -38.0 43.7 240	0.0 0.567 1.0		
278	237	241	0.0 0.55 1.0	55.2 10.0 -63.5 64.2 278	0.0 0.797 1.0	72.4 -23.6 -36.3 43.4 237	0.0 0.55 1.0	0.0 0.776 1.0	70.9 -20.7 -38.4 43.8 241	0.0 0.55 1.0		
280	238	242	0.0 0.533 1.0	54.0 12.6 -65.2 66.4 280	0.0 0.792 1.0	72.1 -23.0 -36.8 43.5 238	0.0 0.533 1.0	0.0 0.772 1.0	70.6 -20.1 -38.8 43.8 242	0.0 0.533 1.0		
283	239	243	0.0 0.516 1.0	52.9 15.4 -66.8 68.5 283	0.0 0.788 1.0	71.8 -22.3 -37.2 43.6 239	0.0 0.517 1.0	0.0 0.767 1.0	70.3 -19.5 -39.2 43.9 243	0.0 0.517 1.0		
285	240	244	0.0 0.5 1.0	51.7 18.3 -68.3 70.7 285	0.0 0.783 1.0	71.5 -21.7 -37.7 43.6 240	0.0 0.5 1.0	0.0 0.763 1.0	70.1 -18.9 -39.5 44.0 244	0.0 0.5 1.0		
286	241	245	0.0 0.483 1.0	50.7 20.6 -70.2 73.2 286	0.0 0.779 1.0	71.1 -21.1 -38.1 43.7 241	0.0 0.483 1.0	0.0 0.759 1.0	69.8 -18.3 -39.9 44.0 245	0.0 0.483 1.0		
287	242	246	0.0 0.466 1.0	49.6 22.9 -72.1 75.7 287	0.0 0.774 1.0	70.8 -20.5 -38.6 43.8 242	0.0 0.467 1.0	0.0 0.755 1.0	69.5 -17.7 -40.2 44.1 246	0.0 0.467 1.0		
288	243	247	0.0 0.45 1.0	48.6 25.4 -74.0 78.2 288	0.0 0.769 1.0	70.5 -19.8 -39.0 43.9 243	0.0 0.45 1.0	0.0 0.751 1.0	69.2 -17.1 -40.6 44.2 247	0.0 0.45 1.0		
290	244	248	0.0 0.433 1.0	47.5 28.0 -75.7 80.7 290	0.0 0.765 1.0	70.2 -19.2 -39.4 43.9 244	0.0 0.433 1.0	0.0 0.746 1.0	68.8 -16.6 -41.2 44.5 248	0.0 0.433 1.0		
291	245	248	0.0 0.416 1.0	46.5 30.6 -77.4 83.2 291	0.0 0.76 1.0	69.8 -18.5 -39.8 44.0 245	0.0 0.417 1.0	0.0 0.741 1.0	68.5 -16.1 -41.8 45.0 248	0.0 0.417 1.0		
292	246	249	0.0 0.4 1.0	45.4 33.3 -79.0 85.7 292	0.0 0.756 1.0	69.5 -17.8 -40.2 44.1 246	0.0 0.4 1.0	0.0 0.736 1.0	68.1 -15.5 -42.5 45.4 249	0.0 0.4 1.0		
294	247	250	0.0 0.383 1.0	44.3 36.2 -80.5 88.2 294	0.0 0.751 1.0	69.2 -17.2 -40.6 44.2 247	0.0 0.383 1.0	0.0 0.731 1.0	67.8 -15.0 -43.1 45.8 250	0.0 0.383 1.0		
295	248	251	0.0 0.366 1.0	43.4 38.7 -82.0 90.7 295	0.0 0.746 1.0	68.8 -16.6 -41.2 44.5 248	0.0 0.367 1.0	0.0 0.726 1.0	67.4 -14.4 -43.8 46.2 251	0.0 0.367 1.0		
296	249	252	0.0 0.35 1.0	42.5 41.0 -83.6 93.2 296	0.0 0.74 1.0	68.4 -16.0 -41.9 45.0 249	0.0 0.35 1.0	0.0 0.721 1.0	67.0 -13.9 -44.4 46.6 252	0.0 0.35 1.0		
296	250	253	0.0 0.333 1.0	41.6 43.4 -85.2 95.6 296	0.0 0.735 1.0	68.0 -15.4 -42.6 45.5 250	0.0 0.333 1.0	0.0 0.716 1.0	66.7 -13.3 -45.0 47.1 253	0.0 0.333 1.0		
297	251	254	0.0 0.316 1.0	40.7 45.8 -86.7 98.1 297	0.0 0.729 1.0	67.7 -14.8 -43.3 45.9 251	0.0 0.317 1.0	0.0 0.71 1.0	66.3 -12.7 -45.6 47.5 254	0.0 0.317 1.0		
298	252	255	0.0 0.3 1.0	39.8 48.2 -88.2 100.5 298	0.0 0.724 1.0	67.3 -14.2 -44.0 46.4 252	0.0 0.3 1.0	0.0 0.705 1.0	66.0 -12.0 -46.2 47.9 255	0.0 0.3 1.0		
299	253	256	0.0 0.283 1.0	38.9 50.7 -89.6 103.0 299	0.0 0.718 1.0	66.9 -13.6 -44.7 46.8 253	0.0 0.283 1.0	0.0 0.7 1.0	65.6 -11.4 -46.8 48.3 256	0.0 0.283 1.0		
300	254	257	0.0 0.266 1.0	38.0 53.3 -91.0 105.4 300	0.0 0.713 1.0	66.5 -12.9 -45.4 47.3 254	0.0 0.267 1.0	0.0 0.695 1.0	65.3 -10.8 -47.4 48.8 257	0.0 0.267 1.0		
301	255	258	0.0 0.25 1.0	37.1 55.9 -92.3 107.9 301	0.0 0.707 1.0	66.1 -12.3 -46.0 47.8 255	0.0 0.25 1.0	0.0 0.69 1.0	64.9 -10.1 -48.0 49.2 258	0.0 0.25 1.0		

2-103930-L0 QS210-72 LAB*la0, YN=0%, XYZnw=0.0, 0.0, 0.0, 84.2, 88.6, 96.5, LAB*nw=0.0, 0.0, 0.0, 95.4, 0.0, 0.0

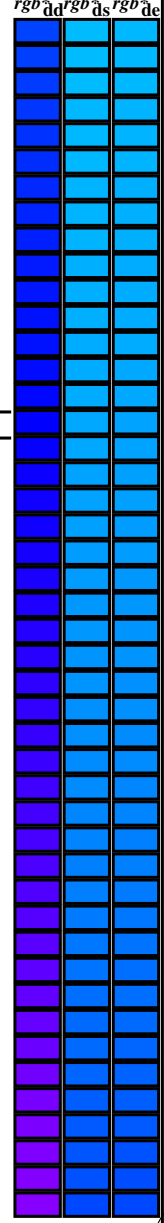
salida: sRGB standard device; no separation, D65, página 10/29

gráfico TUB-QS21; código de tono: H*_d=R75Y_d
círculo de tono, 48 pasos; rgb-LabCh*mesas

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

Data of Maximum color M in colorimetric system sRGB standard device; no separation, D65 for input or output; Six hue angles of the 60 degree standard colours RYGBM_s; h_{ab,ds} = 30.0, 90.0, 150.0, 210.0, 270.0, 330.0;
Six hue angles of the device colours RYGBM_d; h_{ab,d} = 40.0, 102.9, 136.0, 196.4, 306.3, 328.2; Six hue angles of the elementary colours RYGBM_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}	LAB [*] _{de361Mi (x=LabCh)}	rgb [*] _{dd361Mi}	LAB [*] _{dex361Mi (x=LabCh)}	rgb [*] _{dd361Mi}	LAB [*] _{de361Mi (x=LabCh)}	rgb [*] _{dd361Mi}	LAB [*] _{dex361Mi (x=LabCh)}				
301	255	258	0.0	0.25	1.0	37.1	55.9	-92.3	107.9	301	0.0	0.25	1.0	37.1	55.9	-92.3	107.9	301
301	256	258	0.0	0.233	1.0	36.5	57.6	-93.4	109.7	301	0.0	0.233	1.0	36.5	57.6	-93.4	109.7	301
302	257	259	0.0	0.216	1.0	35.9	59.4	-94.5	111.6	302	0.0	0.216	1.0	35.9	59.4	-94.5	111.6	302
302	258	260	0.0	0.2	1.0	35.2	61.2	-95.5	113.5	302	0.0	0.2	1.0	35.2	61.2	-95.5	113.5	302
303	259	261	0.0	0.183	1.0	34.6	63.0	-96.6	115.3	303	0.0	0.183	1.0	34.6	63.0	-96.6	115.3	303
303	260	262	0.0	0.166	1.0	34.0	64.8	-97.6	117.2	303	0.0	0.166	1.0	34.0	64.8	-97.6	117.2	303
304	261	263	0.0	0.15	1.0	33.4	66.7	-98.6	119.1	304	0.0	0.15	1.0	33.4	66.7	-98.6	119.1	304
304	262	264	0.0	0.133	1.0	32.8	68.6	-99.6	120.9	304	0.0	0.133	1.0	32.8	68.6	-99.6	120.9	304
304	263	265	0.0	0.116	1.0	32.3	70.0	-100.3	122.3	304	0.0	0.116	1.0	32.3	70.0	-100.3	122.3	304
305	264	266	0.0	0.1	1.0	32.0	70.8	-100.8	123.2	305	0.0	0.1	1.0	32.0	70.8	-100.8	123.2	305
305	265	267	0.0	0.083	1.0	31.7	71.7	-101.2	124.1	305	0.0	0.083	1.0	31.7	71.7	-101.2	124.1	305
305	266	268	0.0	0.066	1.0	31.5	72.5	-101.7	124.9	305	0.0	0.066	1.0	31.5	72.5	-101.7	124.9	305
305	267	269	0.0	0.049	1.0	31.2	73.4	-102.2	125.8	305	0.0	0.049	1.0	31.2	73.4	-102.2	125.8	305
305	268	269	0.0	0.033	1.0	30.9	74.3	-102.6	126.7	305	0.0	0.033	1.0	30.9	74.3	-102.6	126.7	305
306	269	270	0.0	0.016	1.0	30.6	75.1	-103.1	127.6	306	0.0	0.016	1.0	30.6	75.1	-103.1	127.6	306
306	270	271	0.0	0.0	1.0	30.3	76.0	-103.5	128.5	306	0.0	0.0	1.0	30.3	76.0	-103.5	128.5	306
306	271	272	0.016	0.0	1.0	30.4	76.0	-103.4	128.4	306	0.016	0.0	1.0	30.4	76.0	-103.4	128.4	306
306	272	273	0.033	0.0	1.0	30.5	76.1	-103.3	128.3	306	0.033	0.0	1.0	30.5	76.1	-103.3	128.3	306
306	273	274	0.05	0.0	1.0	30.6	76.1	-103.1	128.2	306	0.05	0.0	1.0	30.6	76.1	-103.1	128.2	306
306	274	275	0.066	0.0	1.0	30.7	76.1	-103.0	128.1	306	0.066	0.0	1.0	30.7	76.1	-103.0	128.1	306
306	275	276	0.083	0.0	1.0	30.8	76.2	-102.8	128.0	306	0.083	0.0	1.0	30.8	76.2	-102.8	128.0	306
306	276	277	0.1	0.0	1.0	30.9	76.2	-102.7	127.9	306	0.1	0.0	1.0	30.9	76.2	-102.7	127.9	306
306	277	278	0.116	0.0	1.0	30.9	76.2	-102.5	127.8	306	0.116	0.0	1.0	30.9	76.2	-102.5	127.8	306
306	278	279	0.133	0.0	1.0	31.1	76.3	-102.3	127.6	306	0.133	0.0	1.0	31.1	76.3	-102.3	127.6	306
306	279	280	0.15	0.0	1.0	31.3	76.3	-101.9	127.4	306	0.15	0.0	1.0	31.3	76.3	-101.9	127.4	306
306	280	281	0.166	0.0	1.0	31.5	76.4	-101.6	127.1	306	0.166	0.0	1.0	31.5	76.4	-101.6	127.1	306
307	281	282	0.183	0.0	1.0	31.7	76.5	-101.2	126.9	307	0.183	0.0	1.0	31.7	76.5	-101.2	126.9	307
307	282	283	0.2	0.0	1.0	31.9	76.6	-100.9	126.7	307	0.2	0.0	1.0	31.9	76.6	-100.9	126.7	307
307	283	284	0.216	0.0	1.0	32.1	76.6	-100.5	126.4	307	0.216	0.0	1.0	32.1	76.6	-100.5	126.4	307
307	284	285	0.233	0.0	1.0	32.3	76.7	-100.1	126.2	307	0.233	0.0	1.0	32.3	76.7	-100.1	126.2	307
307	285	285	0.25	0.0	1.0	32.6	76.8	-99.8	125.9	307	0.25	0.0	1.0	32.6	76.8	-99.8	125.9	307
307	286	286	0.266	0.0	1.0	32.9	77.0	-99.2	125.6	307	0.266	0.0	1.0	32.9	77.0	-99.2	125.6	307
308	287	287	0.283	0.0	1.0	33.2	77.1	-98.6	125.2	308	0.283	0.0	1.0	33.2	77.1	-98.6	125.2	308
308	288	288	0.3	0.0	1.0	33.6	77.3	-98.1	124.9	308	0.3	0.0	1.0	33.6	77.3	-98.1	124.9	308
308	289	289	0.316	0.0	1.0	33.9	77.4	-97.5	124.5	308	0.316	0.0	1.0	33.9	77.4	-97.5	124.5	308
308	290	290	0.333	0.0	1.0	34.3	77.6	-96.9	124.1	308	0.333	0.0	1.0	34.3	77.6	-96.9	124.1	308
308	291	291	0.35	0.0	1.0	34.6	77.7	-96.3	123.8	308	0.35	0.0	1.0	34.6	77.7	-96.3	123.8	308
309	292	292	0.366	0.0	1.0	34.9	77.9	-95.7	123.4	309	0.366	0.0	1.0	34.9	77.9	-95.7	123.4	309
309	293	293	0.383	0.0	1.0	35.3	78.1	-95.1	123.0	309	0.383	0.0	1.0	35.3	78.1	-95.1	123.0	309
309	294	294	0.4	0.0	1.0	35.8	78.3	-94.3	122.6	309	0.4	0.0	1.0	35.8	78.3	-94.3	122.6	309
310	295	295	0.416	0.0	1.0	36.3	78.6	-93.5	122.2	310	0.416	0.0	1.0	36.3	78.6	-93.5	122.2	310
310	296	296	0.433	0.0	1.0	36.7	78.9	-92.7	121.8	310	0.433	0.0	1.0	36.7	78.9	-92.7	121.8	310
310	297	297	0.45	0.0	1.0	37.2	79.1	-92.0	121.3	310	0.45	0.0	1.0	37.2	79.1	-92.0	121.3	310
311	298	298	0.466	0.0	1.0	37.6	79.3	-91.2	120.9	311	0.466	0.0	1.0	37.6	79.3	-91.2	120.9	311
311	299	299	0.483	0.0	1.0	38.1	79.6	-90.4	120.5	311	0.483	0.0	1.0	38.1	79.6	-90.4	120.5	311
311	300	300	0.5	0.0	1.0	38.5	79.8	-89.7	120.0	311	0.5	0.0	1.0	38.5	79.8	-89.7	120.0	311



vea archivos semejantes: <http://130.149.60.45/~farbmetrik/QS21/QS21.HTM>
información técnica: <http://www.ps.bam.de> o <http://130.149.60.45/~farbmetrik>

TUB matrícula: 20130201-QS21/QS21L0FP.PDF /.PS
aplicación para la medida de display output, ninguna separación
TUB material: code=rh4ta

Data of Maximum color M in colorimetric system sRGB standard device; no separation, 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}* = 40.0, 102.9, 136.0, 196.4, 306.3, 328.2; Six hue angles of the elementary colours *RYGCBM_e*; *h_{ab,e}* = 25.5, 92.3, 162.2, 217.0, 271.7, 328.6

<i>h_{ab,d}</i>	<i>h_{ab,s}</i>	<i>h_{ab,e}</i>	<i>rgb[*]_{dd361M}</i>	<i>LAB[*]_{dsx361Mi}</i> (x=LabCh)	<i>rgb[*]_{ds361Mi}</i>	<i>LAB[*]_{dsx361Mi}</i> (x=LabCh)	<i>rgb[*]_{dd361Mi}</i>	<i>LAB[*]_{de361Mi}</i> (x=LabCh)	<i>rgb[*]_{de361Mi}</i>	<i>LAB[*]_{dex361Mi}</i> (x=LabCh)	<i>rgb[*]_{dd361Mi}</i>	<i>rgb[*]_{dd}</i>	<i>rgb[*]_{ds}</i>	<i>rgb[*]_{de}</i>
341	345	342	1.0	0.0	0.75	54.2	86.7	-28.6	91.3	341	1.0	0.0	0.75	
342	346	343	1.0	0.0	0.733	54.0	86.5	-26.4	90.4	342	1.0	0.0	0.733	
344	347	344	1.0	0.0	0.716	53.8	86.2	-24.2	89.5	344	1.0	0.0	0.716	
345	348	345	1.0	0.0	0.7	53.7	85.8	-22.0	88.6	345	1.0	0.0	0.7	
346	349	346	1.0	0.0	0.683	53.5	85.4	-19.9	87.7	346	1.0	0.0	0.683	
348	350	347	1.0	0.0	0.666	53.4	85.0	-17.8	86.8	348	1.0	0.0	0.667	
349	351	348	1.0	0.0	0.65	53.2	84.5	-15.7	85.9	349	1.0	0.0	0.65	
350	352	349	1.0	0.0	0.633	53.0	83.9	-13.6	85.0	350	1.0	0.0	0.633	
352	353	350	1.0	0.0	0.616	52.9	83.6	-11.4	84.3	352	1.0	0.0	0.617	
353	354	351	1.0	0.0	0.6	52.8	83.4	-9.1	83.9	353	1.0	0.0	0.6	
355	355	352	1.0	0.0	0.583	52.7	83.2	-6.9	83.5	355	1.0	0.0	0.583	
356	356	353	1.0	0.0	0.566	52.5	82.9	-4.6	83.0	356	1.0	0.0	0.567	
358	357	354	1.0	0.0	0.55	52.4	82.5	-2.4	82.6	358	1.0	0.0	0.55	
359	358	355	1.0	0.0	0.533	52.3	82.1	-0.1	82.1	359	1.0	0.0	0.533	
361	359	356	1.0	0.0	0.516	52.1	81.6	2.0	81.7	361	1.0	0.0	0.517	
362	360	352	1.0	0.0	0.5	52.0	81.1	4.1	81.2	362	1.0	0.0	0.5	
364	361	353	1.0	0.0	0.483	51.9	81.1	6.5	81.3	364	1.0	0.0	0.483	
366	362	354	1.0	0.0	0.466	51.8	81.0	8.8	81.5	366	1.0	0.0	0.467	
367	363	355	1.0	0.0	0.45	51.7	80.8	11.1	81.6	367	1.0	0.0	0.45	
369	364	356	1.0	0.0	0.433	51.6	80.6	13.5	81.7	369	1.0	0.0	0.433	
371	365	357	1.0	0.0	0.416	51.5	80.3	15.8	81.8	371	1.0	0.0	0.417	
372	366	358	1.0	0.0	0.4	51.4	79.9	18.1	81.9	372	1.0	0.0	0.4	
374	367	359	1.0	0.0	0.383	51.4	79.5	20.4	82.1	374	1.0	0.0	0.383	
376	368	360	1.0	0.0	0.366	51.3	79.3	22.7	82.5	376	1.0	0.0	0.367	
377	369	362	1.0	0.0	0.35	51.2	79.3	25.1	83.2	377	1.0	0.0	0.35	
379	370	363	1.0	0.0	0.333	51.1	79.2	27.4	83.8	379	1.0	0.0	0.333	
380	371	364	1.0	0.0	0.316	51.1	79.1	29.7	84.5	380	1.0	0.0	0.317	
382	372	365	1.0	0.0	0.3	51.0	78.9	32.1	85.2	382	1.0	0.0	0.3	
383	373	366	1.0	0.0	0.283	51.0	78.7	34.4	85.9	383	1.0	0.0	0.283	
385	374	367	1.0	0.0	0.266	50.9	78.3	36.8	86.6	385	1.0	0.0	0.267	
386	375	368	1.0	0.0	0.25	50.8	77.9	39.2	87.2	386	1.0	0.0	0.25	
387	376	369	1.0	0.0	0.233	50.8	78.0	41.2	88.2	387	1.0	0.0	0.233	
389	377	370	1.0	0.0	0.216	50.8	78.0	43.3	89.2	389	1.0	0.0	0.217	
390	378	372	1.0	0.0	0.2	50.7	78.0	45.4	90.2	390	1.0	0.0	0.2	
391	379	373	1.0	0.0	0.183	50.7	77.9	47.5	91.2	391	1.0	0.0	0.183	
392	380	374	1.0	0.0	0.166	50.6	77.8	49.6	92.2	392	1.0	0.0	0.167	
393	381	375	1.0	0.0	0.15	50.6	77.6	51.9	93.3	393	1.0	0.0	0.15	
394	382	376	1.0	0.0	0.133	50.6	77.3	53.9	94.3	394	1.0	0.0	0.133	
395	383	377	1.0	0.0	0.116	50.5	77.2	55.6	95.1	395	1.0	0.0	0.117	
396	384	378	1.0	0.0	0.1	50.5	77.2	56.8	95.9	396	1.0	0.0	0.1	
396	385	379	1.0	0.0	0.083	50.5	77.2	58.1	96.6	396	1.0	0.0	0.083	
397	386	381	1.0	0.0	0.066	50.5	77.2	59.4	97.4	397	1.0	0.0	0.067	
398	387	382	1.0	0.0	0.049	50.5	77.1	60.6	98.1	398	1.0	0.0	0.05	
398	388	383	1.0	0.0	0.033	50.5	77.1	61.9	98.9	398	1.0	0.0	0.033	
399	389	384	1.0	0.0	0.016	50.5	77.0	63.2	99.6	399	1.0	0.0	0.017	
400	390	385	1.0	0.0	0.0	50.4	76.9	64.5	100.4	400	1.0	0.0	0.0	

TUB matrícula: 20130201-QS21/QS21LOFP.PDF /.PS
aplicación para la medida de display output, ninguna separación
TUB material: code=rh4t4

vea archivos semejantes: <http://130.149.60.45/~farbmetrik/QS21/QS21.HTM>
información técnica: <http://www.ps.bam.de> o <http://130.149.60.45/~farbmetrik>

gráfico TUB-QS21; código de tono: *H*_d*=R75Y_d
círculo de tono, 48 pasos; *rgb-LabCh*mesas*

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

vea archivos semejantes: <http://130.149.60.45/~farbmetrik/QS21/QS21.HTM>
información técnica: <http://www.ps.bam.de> o <http://130.149.60.45/~farbmetrik>

TUB matrícula: 20130201-QS21/QS21LOFP.PDF /.PS
aplicación para la medida de display output, ninguna separación
TUB material: code=rh4ta

n/ij	HIC*Fda	rgb_Fda	icf_Fda	hsi_Fda	rgb*Fda	LabCh*Fda	rgb*Fda	LabCh*Fda	DE*Fda hsiMdd	rgb*Mdd	LabCh*Mdd
0/648	R00Y_100_100ad	1.0	0.0	0.0	1.0	1.0	0.5	390	1.0	0.0	0.0
1/666	R25Y_100_100ad	1.0	0.25	0.0	1.0	1.0	0.5	44	1.0	0.233	0.0
2/684	R50Y_100_100ad	1.0	0.5	0.0	1.0	1.0	0.5	60	1.0	0.5	0.0
3/702	R75Y_100_100ad	1.0	0.75	0.0	1.0	1.0	0.5	76	1.0	0.766	0.0
4/720	Y00G_100_100ad	1.0	1.0	0.0	1.0	1.0	0.5	90	1.0	1.0	0.0
5/558	Y25G_100_100ad	0.75	1.0	0.0	1.0	1.0	0.5	104	0.766	1.0	0.0
6/396	Y50G_100_100ad	0.5	1.0	0.0	1.0	1.0	0.5	120	0.5	1.0	0.0
7/234	Y75G_100_100ad	0.25	1.0	0.0	1.0	1.0	0.5	136	0.233	1.0	0.0
8/72	G00B_100_100ad	0.0	1.0	0.0	1.0	1.0	0.5	150	0.0	1.0	0.0
9/72	G00B_100_100ad	0.0	1.0	0.0	1.0	1.0	0.5	150	0.0	1.0	0.0
10/76	G25B_100_100ad	0.0	1.0	0.5	1.0	1.0	0.5	180	0.0	1.0	0.5
11/80	G50B_100_100ad	0.0	1.0	1.0	1.0	1.0	0.5	210	0.0	1.0	1.0
12/44	G75B_100_100ad	0.0	0.5	1.0	1.0	1.0	0.5	240	0.0	0.5	1.0
13/8	B00M_100_100ad	0.0	0.0	1.0	1.0	1.0	0.5	270	0.0	0.0	1.0
14/332	B25R_100_100ad	0.5	0.0	1.0	1.0	1.0	0.5	300	0.5	0.0	1.0
15/656	B50R_100_100ad	1.0	0.0	1.0	1.0	1.0	0.5	330	1.0	0.0	1.0
16/652	B75R_100_100ad	1.0	0.0	0.5	1.0	1.0	0.5	360	1.0	0.0	0.5
17/648	R00Y_100_100ad	1.0	0.0	0.0	1.0	1.0	0.5	390	1.0	0.0	0.0
18/688	R00Y_100_050ad	1.0	0.5	0.5	1.0	1.0	0.5	390	1.0	0.5	0.5
19/706	R50Y_100_050ad	1.0	0.75	0.5	1.0	1.0	0.5	60	1.0	0.75	0.5
20/724	Y00G_100_050ad	1.0	1.0	0.5	1.0	1.0	0.5	90	1.0	1.0	0.5
21/562	Y50G_100_050ad	0.75	1.0	0.5	1.0	1.0	0.5	120	0.75	1.0	0.5
22/400	G00B_100_050ad	0.5	1.0	0.5	1.0	1.0	0.5	150	0.5	1.0	0.5
23/404	G50B_100_050ad	0.5	1.0	1.0	1.0	1.0	0.5	210	0.5	1.0	1.0
24/368	B00R_100_050ad	0.5	0.5	1.0	1.0	1.0	0.5	270	0.5	0.5	1.0
25/692	B50R_100_050ad	1.0	0.5	1.0	1.0	1.0	0.5	330	1.0	0.5	1.0
26/688	R00Y_100_050ad	1.0	0.5	0.5	1.0	1.0	0.5	390	1.0	0.5	0.5
27/506	R00Y_075_050ad	0.75	0.25	0.25	0.75	0.5	0.5	390	0.75	0.25	0.25
28/524	R50Y_075_050ad	0.75	0.5	0.25	0.75	0.5	0.5	60	0.75	0.5	0.25
29/542	Y00G_075_050ad	0.75	0.75	0.25	0.75	0.5	0.5	90	0.75	0.75	0.25
30/380	Y50G_075_050ad	0.5	0.75	0.25	0.75	0.5	0.5	120	0.5	0.75	0.25
31/218	G00B_075_050ad	0.25	0.75	0.25	0.75	0.5	0.5	150	0.25	0.75	0.25
32/222	G50B_075_050ad	0.25	0.75	0.75	0.75	0.5	0.5	210	0.25	0.75	0.75
33/186	B00R_075_050ad	0.25	0.25	0.75	0.75	0.5	0.5	270	0.25	0.25	0.75
34/510	B50R_075_050ad	0.75	0.25	0.75	0.75	0.5	0.5	330	0.75	0.25	0.75
35/506	R00Y_075_050ad	0.75	0.25	0.25	0.75	0.5	0.5	390	0.75	0.25	0.25
36/324	R00Y_050_050ad	0.5	0.0	0.0	0.5	0.5	0.25	390	0.5	0.0	0.0
37/342	R50Y_050_050ad	0.5	0.25	0.0	0.5	0.5	0.25	60	0.5	0.25	0.0
38/360	Y00G_050_050ad	0.5	0.5	0.0	0.5	0.5	0.25	90	0.5	0.5	0.0
39/198	Y50G_050_050ad	0.25	0.5	0.0	0.5	0.5	0.25	120	0.25	0.5	0.0
40/36	G00B_050_050ad	0.0	0.5	0.0	0.5	0.5	0.25	150	0.0	0.5	0.0
41/40	G50B_050_050ad	0.0	0.5	0.5	0.5	0.5	0.25	210	0.0	0.5	0.5
42/4	B00R_050_050ad	0.0	0.0	0.5	0.5	0.5	0.25	270	0.0	0.0	0.5
43/328	B50R_050_050ad	0.5	0.0	0.5	0.5	0.5	0.25	330	0.5	0.0	0.5
44/324	R00Y_050_050ad	0.5	0.0	0.0	0.5	0.5	0.25	390	0.5	0.0	0.0
45/0	NW_000ad	0.0	0.0	0.0	0.0	0.0	0.0	360	0.0	0.0	0.0
46/91	NW_013ad	0.125	0.125	0.125	0.125	0.0	0.0	360	0.125	0.125	0.125
47/182	NW_025ad	0.25	0.25	0.25	0.25	0.0	0.0	360	0.25	0.25	0.25
48/273	NW_038ad	0.375	0.375	0.375	0.375	0.0	0.0	360	0.375	0.375	0.375
49/364	NW_050ad	0.5	0.5	0.5	0.5	0.0	0.0	360	0.5	0.5	0.5
50/455	NW_063ad	0.625	0.625	0.625	0.625	0.0	0.0	360	0.625	0.625	0.625
51/546	NW_075ad	0.75	0.75	0.75	0.75	0.0	0.0	360	0.75	0.75	0.75
52/637	NW_088ad	0.875	0.875	0.875	0.875	0.0	0.0	360	0.875	0.875	0.875
53/728	NW_100ad	1.0	1.0	1.0	1.0	0.0	0.0	360	1.0	1.0	1.0

delta E* = 0.8

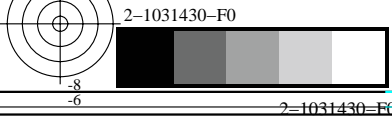
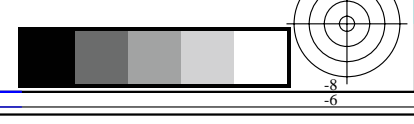


gráfico TUB-QS21; código de tono: H*d=R75Yd
colores y diferencia en color, ΔE*^{*}

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



vea archivos semejantes: <http://130.149.60.45/~farbmetrik/QS21/QS21.HTM>
información técnica: <http://www.ps.bam.de> o <http://130.149.60.45/~farbmetrik>

TUB matrícula: 20130201-QS21/QS21LOFP.PDF /.PS
aplicación para la medida de display output, ninguna separación
TUB material: code=rh4ta

Table with columns: n=j, HIC*Fda, rgb_Fda, icf_Fda, hsi_Fda, rgb*Fda, LabCh*Fda, rgb*Fda, LabCh*Fda, DE*Fda hsiMdd, rgb*Mdd, LabCh*Mdd. It contains 80 rows of color calibration data for various color patches.

delta E* = 0.5

vea archivos semejantes: <http://130.149.60.45/~farbmetrik/QS21/QS21.HTM>
información técnica: <http://www.ps.bam.de> o <http://130.149.60.45/~farbmetrik>

TUB matrícula: 20130201-QS21/QS21LOFP.PDF /.PS
aplicación para la medida de display output, ninguna separación
TUB material: code=rh4ta

Table with columns: n, HIC*Fda, rgb_Fda, icf_Fda, hsi_Fda, rgb**Fda, LabCh**Fda, rgb**Mda, LabCh**Mda, DE**Fda hsiMda, rgb**Mda, LabCh**Mda. It contains a large grid of numerical data for various color calibration points.

2-1031630-F0

QS210-7N, 1729-F

gráfico TUB-QS21; código de tono: H*d=R75Yd
colores y diferencia en color, ΔE**

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

delta E** = 0.6

2-1031630-F0

C M Y

C M Y

C M Y

C M Y

C M Y

C M Y

C M Y

C M Y

vea archivos semejantes: <http://130.149.60.45/~farbmetrik/QS21/QS21.HTM>
información técnica: <http://www.ps.bam.de> o <http://130.149.60.45/~farbmetrik>

TUB matrícula: 20130201-QS21/QS21LOFP.PDF /.PS
aplicación para la medida de display output, ninguna separación
TUB material: code=rh4ta

Table with columns: n, HIC*Fda, rgb_Fda, icf_Fda, hsi_Fda, rgb**Fda, LabCh**Fda, rgb**Mda, LabCh**Mda, DE**Fda hsiMda, rgb**Mda, LabCh**Mda. It contains a large grid of numerical data for color calibration.

2-1031730-F0

QS210~7N, 1829~F

gráfico TUB-QS21; código de tono: H*d=R75Yd
colores y diferencia en color, ΔE**

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

delta E** = 0.6

2-1031730-F0

C

M

Y

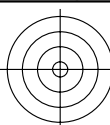
O

L

V

6

http://130.149.60.45/~farbmetrik/QS21/QS21LOFP.PDF /.PS; 3D-linealización
F: 3D-linealización QS21/QS21LS30FP.DAT en archivo (F), página 19/29



vea archivos semejantes: <http://130.149.60.45/~farbmetrik/QS21/QS21.HTM>
información técnica: <http://www.ps.bam.de> o <http://130.149.60.45/~farbmetrik>

TUB matrícula: 20130201-QS21/QS21LOFP.PDF /.PS
aplicación para la medida de display output, ninguna separación

TUB material: code=rh4ta

Table with columns: n, HIC*Fda, rgb_Fda, icf_Fda, hsi_Fda, rgb*Fda, LabCh*Fda, rgb*Mad, LabCh*Mad, DE*Fda hsiMad, rgb*Mad, LabCh*Mad. It contains a large grid of numerical data for each row and column.

delta E* = 0.5

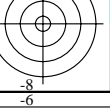
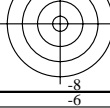


gráfico TUB-QS21; código de tono: H*d=R75Yd
colores y diferencia en color, ΔE^*

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

vea archivos semejantes: <http://130.149.60.45/~farbmetrik/QS21/QS21.HTM>
 información técnica: <http://www.ps.bam.de> o <http://130.149.60.45/~farbmetrik>

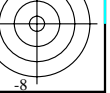
n	HIC*Fda	rgb_Fda	icf_Fda	hsi_Fda	rgb*Fda	LabCh*Fda	rgb**Fda	LabCh**Fda	DE**Fda hsiMdd	rgb**Mdd	LabCh**Mdd
324	R00Y_050_050ad	0.5	0.0	0.0	0.5	0.5	0.25	390	0.5	0.0	0.0
325	R26Y_050_050ad	0.5	0.0	0.125	0.5	0.5	0.25	376	1.0	0.0	0.233
326	R00Y_050_050ad	0.5	0.0	0.25	0.5	0.5	0.25	360	1.0	0.0	0.5
327	B61R_050_050ad	0.5	0.0	0.375	0.5	0.5	0.25	344	1.0	0.0	0.766
328	B50R_050_050ad	0.5	0.0	0.5	0.5	0.5	0.25	330	1.0	0.0	1.0
329	B40R_062_062ad	0.5	0.0	0.625	0.625	0.625	0.312	319	0.816	0.0	1.0
330	B34R_075_075ad	0.5	0.0	0.75	0.75	0.75	0.375	311	0.683	0.0	1.0
331	B29R_087_087ad	0.5	0.0	0.875	0.875	0.875	0.437	305	0.583	0.0	1.0
332	B25R_100_100ad	0.5	0.0	1.0	1.0	1.0	0.5	300	0.5	0.0	1.0
333	R23Y_050_050ad	0.5	0.125	0.0	0.5	0.5	0.25	44	1.0	0.233	0.0
334	R00Y_050_037ad	0.5	0.125	0.125	0.5	0.375	0.312	390	1.0	0.0	0.0
335	R18Y_050_037ad	0.5	0.125	0.25	0.5	0.375	0.312	371	1.0	0.0	0.316
336	B63R_050_037ad	0.5	0.125	0.375	0.5	0.375	0.312	349	1.0	0.0	0.683
337	B50R_050_037ad	0.5	0.125	0.5	0.5	0.375	0.312	330	1.0	0.0	1.0
338	B38R_062_050ad	0.5	0.125	0.625	0.625	0.5	0.375	316	0.766	0.0	1.0
339	B30R_075_062ad	0.5	0.125	0.75	0.75	0.625	0.437	307	0.616	0.0	1.0
340	B25R_087_075ad	0.5	0.125	0.875	0.875	0.75	0.5	300	0.5	0.0	1.0
341	B20R_100_087ad	0.5	0.125	1.0	1.0	0.875	0.562	295	0.416	0.0	1.0
342	R50Y_050_050ad	0.5	0.25	0.0	0.5	0.5	0.25	60	1.0	0.5	0.0
343	R31Y_050_037ad	0.5	0.25	0.125	0.5	0.375	0.312	49	0.5	0.316	0.0
344	R00Y_050_025ad	0.5	0.25	0.25	0.5	0.25	0.375	390	1.0	0.0	0.0
345	R00Y_050_025ad	0.5	0.25	0.375	0.5	0.25	0.375	360	1.0	0.0	0.5
346	B50R_050_025ad	0.5	0.25	0.5	0.5	0.25	0.375	330	1.0	0.0	1.0
347	B34R_062_037ad	0.5	0.25	0.625	0.625	0.375	0.437	311	0.683	0.0	1.0
348	B25R_075_050ad	0.5	0.25	0.75	0.75	0.5	0.300	300	0.5	0.0	1.0
349	B19R_087_062ad	0.5	0.25	0.875	0.875	0.625	0.293	289	0.383	0.0	1.0
350	B15R_100_075ad	0.5	0.25	1.0	1.0	0.75	0.625	289	0.316	0.0	1.0
351	R76Y_050_050ad	0.5	0.375	0.0	0.5	0.5	0.25	76	1.0	0.766	0.0
352	R68Y_050_037ad	0.5	0.375	0.125	0.5	0.375	0.312	71	0.7	0.683	0.0
353	R50Y_050_025ad	0.5	0.375	0.25	0.5	0.25	0.375	60	0.5	0.5	0.0
354	R00Y_050_012ad	0.5	0.375	0.375	0.5	0.125	0.437	390	1.0	0.0	0.0
355	B50R_050_012ad	0.5	0.375	0.5	0.5	0.125	0.437	330	1.0	0.0	1.0
356	B25R_062_025ad	0.5	0.375	0.625	0.625	0.25	0.5	300	0.5	0.0	1.0
357	B15R_075_037ad	0.5	0.375	0.75	0.75	0.375	0.562	289	0.316	0.0	1.0
358	B11R_087_050ad	0.5	0.375	0.875	0.875	0.5	0.625	284	0.233	0.0	1.0
359	B09R_100_062ad	0.5	0.375	1.0	1.0	0.625	0.687	281	0.183	0.0	1.0
360	Y00G_050_050ad	0.5	0.5	0.0	0.5	0.5	0.25	90	1.0	1.0	0.0
361	Y00G_050_037ad	0.5	0.5	0.125	0.5	0.375	0.312	90	1.0	1.0	0.0
362	Y00G_050_025ad	0.5	0.5	0.25	0.5	0.25	0.375	90	1.0	1.0	0.0
363	Y00G_050_012ad	0.5	0.5	0.375	0.5	0.125	0.437	90	1.0	1.0	0.0
364	NW_050ad	0.5	0.5	0.5	0.5	0.0	0.5	360	1.0	1.0	0.0
365	B00R_062_012ad	0.5	0.625	0.625	0.625	0.125	0.625	270	0.0	0.0	1.0
366	B00R_075_025ad	0.5	0.625	0.75	0.75	0.25	0.625	270	0.0	0.0	1.0
367	B00R_087_037ad	0.5	0.625	0.875	0.875	0.375	0.687	270	0.0	0.0	1.0
368	B00R_100_050ad	0.5	0.625	1.0	1.0	0.5	0.75	270	0.0	0.0	1.0
369	Y18G_062_062ad	0.5	0.625	0.0	0.625	0.625	0.312	101	0.816	0.0	1.0
370	Y23G_062_050ad	0.5	0.625	0.125	0.625	0.5	0.375	104	0.766	0.0	1.0
371	Y31G_062_037ad	0.5	0.625	0.25	0.625	0.375	0.437	109	0.683	0.0	1.0
372	Y50G_062_025ad	0.5	0.625	0.375	0.625	0.25	0.5	120	0.5	1.0	0.0
373	G00B_062_012ad	0.5	0.625	0.5	0.625	0.125	0.562	150	0.4	1.0	0.0
374	G50B_062_012ad	0.5	0.625	0.625	0.625	0.125	0.562	210	0.4	1.0	0.0
375	G75B_075_025ad	0.5	0.625	0.75	0.75	0.25	0.625	240	0.0	0.5	1.0
376	G84B_087_037ad	0.5	0.625	0.875	0.875	0.375	0.687	251	0.0	0.316	1.0
377	G88B_100_050ad	0.5	0.625	1.0	1.0	0.5	0.75	256	0.0	0.233	1.0
378	Y31G_075_075ad	0.5	0.75	0.0	0.75	0.75	0.375	109	0.683	1.0	0.0
379	Y38G_075_062ad	0.5	0.75	0.125	0.75	0.625	0.437	113	0.616	1.0	0.0
380	Y50G_075_050ad	0.5	0.75	0.25	0.75	0.5	0.5	120	0.5	1.0	0.0
381	Y68G_075_037ad	0.5	0.75	0.375	0.75	0.375	0.562	131	0.316	1.0	0.0
382	G00B_075_025ad	0.5	0.75	0.5	0.75	0.25	0.625	150	0.0	1.0	0.0
383	G25B_075_025ad	0.5	0.75	0.625	0.75	0.25	0.625	180	0.0	1.0	0.5
384	G50B_075_025ad	0.5	0.75	0.75	0.75	0.25	0.625	210	0.0	1.0	1.0
385	G65B_087_037ad	0.5	0.75	0.875	0.875	0.375	0.687	229	0.0	0.683	1.0
386	G75B_100_050ad	0.5	0.75	1.0	1.0	0.5	0.75	240	0.0	0.5	1.0
387	Y41G_087_087ad	0.5	0.875	0.0	0.875	0.875	0.437	115	0.583	1.0	0.0
388	Y50G_087_075ad	0.5	0.875	0.125	0.875	0.75	0.5	120	0.5	1.0	0.0
389	Y61G_087_062ad	0.5	0.875	0.25	0.875	0.625	0.562	127	0.383	1.0	0.0
390	Y76G_087_050ad	0.5	0.875	0.375	0.875	0.5	0.625	136	0.233	1.0	0.0
391	G00B_087_037ad	0.5	0.875	0.5	0.875	0.375	0.687	150	0.4	1.0	0.0
392	G15B_087_037ad	0.5	0.875	0.625	0.875	0.375	0.687	169	0.0	0.616	0.316
393	G34B_087_037ad	0.5	0.875	0.75	0.875	0.375	0.687	191	0.0	1.0	0.683
394	G50B_087_037ad	0.5	0.875	0.875	0.875	0.375	0.687	210	0.0	1.0	1.0
395	G61B_100_050ad	0.5	0.875	1.0	1.0	0.5	0.75	224	0.0	0.766	1.0
396	Y50G_100_100ad	0.5	1.0	0.0	1.0	1.0	0.5	120	0.5	1.0	0.0
397	Y58G_100_087ad	0.5	1.0	0.125	1.0	0.875	0.562	125	0.416	1.0	0.0
398	Y68G_100_075ad	0.5	1.0	0.25	1.0	0.75	0.625	131	0.316	1.0	0.0
399	Y81G_100_062ad	0.5	1.0	0.375	1.0	0.625	0.687	139	0.183	1.0	0.0
400	G00B_100_050ad	0.5	1.0	0.5	1.0	0.5	0.75	150	0.4	1.0	0.0
401	G11B_100_050ad	0.5	1.0	0.625	1.0	0.5	0.75	164	0.0	1.0	0.233
402	G25B_100_050ad	0.5	1.0	0.75	1.0	0.5	0.75	180	0.0	1.0	0.5
403	G38B_100_050ad	0.5	1.0	0.875	1.0	0.5	0.75	196	0.0	1.0	0.766
404	G50B_100_050ad	0.5	1.0	1.0	1.0	0.5	0.75	210	0.0	1.0	1.0

delta E* = 0.5

gráfico TUB-QS21; código de tono: H*d=R75Yd
 colores y diferencia en color, ΔE*^{*}

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

TUB matrícula: 20130201-QS21/QS21LOFP.PDF /.PS
 aplicación para la medida de display output, ninguna separación
 TUB material: code=rh4ta



TUB matrícula: 20130201-QS21/QS21LOFP.PDF /.PS
aplicación para la medida de display output, ninguna separación
TUB material: code=rha4ta

Table with columns: n, HIC*Fda, rgb_Fda, icf_Fda, hsi_Fda, rbg*Fda, LabCh*Fda, LabCh**Fda, DE*Fda hsiMdd, rbg**Mdd, LabCh**Mdd. It contains a large grid of numerical data representing color and display metrics for various test patterns.

vea archivos semejantes: http://130.149.60.45/~farbmetrik/QS21/QS21.HTM
información técnica: http://www.ps.bam.de o http://130.149.60.45/~farbmetrik

delta E* = 0.4

Table with columns: n, HIC*Fda, rgb_Fda, icf_Fda, hsi_Fda, rgb*Fda, LabCh*Fda, rgb**Fda, LabCh**Fda, DE**Fda hsiMdd, rgb**Mdd, LabCh**Mdd. Rows 486-566.

vea archivos semejantes: http://130.149.60.45/~farbmetrik/QS21/QS21.HTM
información técnica: http://www.ps.bam.de o http://130.149.60.45/~farbmetrik

TUB matrícula: 20130201-QS21/QS21LOFP.PDF /.PS
aplicación para la medida de display output, ninguna separación

TUB material: code=rh4ta

delta E* = 0.4

2-1032130-F0

QS210-7N, 22.29-F

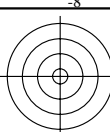
gráfico TUB-QS21; código de tono: H*d=R75Yd
colores y diferencia en color, ΔE*^a

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

2-1032130-F0

2-1032130-F0

2-1032130-F0



vea archivos semejantes: <http://130.149.60.45/~farbmetrik/QS21/QS21.HTM>
información técnica: <http://www.ps.bam.de> o <http://130.149.60.45/~farbmetrik>

TUB matrícula: 20130201-QS21/QS21LOFP.PDF /.PS
aplicación para la medida de display output, ninguna separación
TUB material: code=rh4ta

Table with columns: n, HIC*Fda, rgb_Fda, icf_Fda, hsi_Fda, rgb*Fda, LabCh*Fda, rgb*Fda, LabCh*Fda, DE*Fda hsiMdd, rgb*Mdd, LabCh*Mdd. It contains a large grid of numerical data for various color and grayscale patches.

delta E* = 2.5

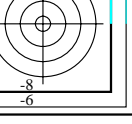
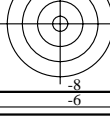
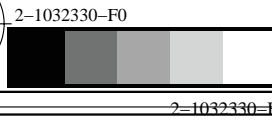


gráfico TUB-QS21; código de tono: H*d=R75Yd
colores y diferencia en color, ΔE*^a

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



http://130.149.60.45/~farbmetrik/QS21/QS21LOFP.PDF /.PS; 3D-linealización
F: 3D-linealización QS21/QS21LS30FP.DAT en archivo (F), página 26/29

vea archivos semejantes: <http://130.149.60.45/~farbmetrik/QS21/QS21.HTM>
información técnica: <http://www.ps.bam.de> o <http://130.149.60.45/~farbmetrik>

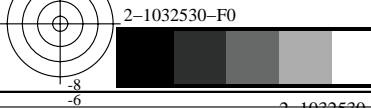
TUB matrícula: 20130201-QS21/QS21LOFP.PDF /.PS
aplicación para la medida de display output, ninguna separación
TUB material: code=rh4ta

Table with columns: n, HIC*Fdd, rgb_Fdd, icf_Fdd, hsi_Fdd, rgb**Fdd, LabCh**Fdd, rgb**Mdd, LabCh**Mdd, DE**Fdd hsiMdd, rgb**Mdd, LabCh**Mdd. Rows 810-890.

delta E** = 0.7

gráfico TUB-QS21; código de tono: H*d=R75Yd
colores y diferencia en color, ΔE**

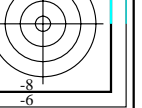
entrada: rgb/cmyk -> rgb_{dd}
salida: 3D-linealización a rgb**_{dd}



2-1032530-F0

QS210-N, 2629-F

2-1032530-F0



2-1032530-F0

vea archivos semejantes: <http://130.149.60.45/~farbmetrik/QS21/QS21.HTM>
información técnica: <http://www.ps.bam.de> o <http://130.149.60.45/~farbmetrik>

Table with columns: n, HIC*Fda, rgb_Fda, icf_Fda, hsi_Fda, rgb**Fda, LabCh**Fda, DE**Fda hsiMdd, rgb**Mdd, LabCh**Mdd. Rows 891-971.

delta E** = 0.6

gráfico TUB-QS21; código de tono: H*d=R75Yd
colores y diferencia en color, ΔE**

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

TUB matrícula: 20130201-QS21/QS21LOFP.PDF /.PS
aplicación para la medida de display output, ninguna separación
TUB material: code=rh4ta

vea archivos semejantes: <http://130.149.60.45/~farbmetrik/QS21/QS21.HTM>
información técnica: <http://www.ps.bam.de> o <http://130.149.60.45/~farbmetrik>

TUB matrícula: 20130201-QS21/QS21L0FP.PDF /.PS
aplicación para la medida de display output, ninguna separación
TUB material: code=rh4ta

n	HIC*Fda	rgb_Fda	ief_Fda	hsi_Fda	rgb*Fda	LabCh*Fda	rgb**Fda	LabCh**Fda	DE**Fda hsiMdd	rgb*Mdd	LabCh*Mdd	
1053	NW_086da	0.866 0.866 0.866	0.866 0.0	0.866 360	0.866 0.866 0.866	82.6 0.0 0.0	0.0 0.0 0.0	0.847 0.85 0.85	82.5 -0.1 0.0 0.1	209.2 0.2 360	1.0 1.0 1.0	95.4 0.0 0.0
1054	NW_093da	0.933 0.933 0.933	0.933 0.0	0.933 360	0.933 0.933 0.933	89.0 0.0 0.0	0.0 0.0 0.0	0.921 0.924 0.924	88.9 -0.2 -0.1 0.2	207.0 0.2 360	1.0 1.0 1.0	95.4 0.0 0.0
1055	NW_100da	1.0 1.0 1.0	1.0 0.0	1.0 360	1.0 1.0 1.0	95.4 0.0 0.0	0.0 0.0 0.0	1.0 1.0 1.0	95.4 0.0 0.0 0.0	325.2 0.0 360	1.0 1.0 1.0	95.4 0.0 0.0
1056	NW_000da	0.0 0.0 0.0	0.0 0.0	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	0.0 0.0 0.0 0.0	0.0 0.0 360	1.0 1.0 1.0	95.4 0.0 0.0
1057	NW_006da	0.066 0.066 0.066	0.066 0.0	0.066 360	0.066 0.066 0.066	6.2 0.0 0.0	0.0 0.0 0.0	0.068 0.07 0.07	4.7 -0.1 0.0 0.1	215.3 1.5 360	1.0 1.0 1.0	95.4 0.0 0.0
1058	NW_013da	0.133 0.133 0.133	0.133 0.0	0.133 360	0.133 0.133 0.133	12.6 0.0 0.0	0.0 0.0 0.0	0.134 0.138 0.138	12.6 -0.5 -0.1 0.5	198.8 0.5 360	1.0 1.0 1.0	95.4 0.0 0.0
1059	NW_020da	0.2 0.2 0.2	0.2 0.0	0.2 360	0.2 0.2 0.2	19.0 0.0 0.0	0.0 0.0 0.0	0.181 0.193 0.193	18.7 -1.1 -0.4 1.2	202.3 1.3 360	1.0 1.0 1.0	95.4 0.0 0.0
1060	NW_026da	0.266 0.266 0.266	0.266 0.0	0.266 360	0.266 0.266 0.266	25.3 0.0 0.0	0.0 0.0 0.0	0.25 0.251 0.251	25.4 0.0 0.0 0.0	198.2 0.1 360	1.0 1.0 1.0	95.4 0.0 0.0
1061	NW_033da	0.333 0.333 0.333	0.333 0.0	0.333 360	0.333 0.333 0.333	31.7 0.0 0.0	0.0 0.0 0.0	0.303 0.311 0.311	31.6 -0.7 -0.3 0.8	203.1 0.8 360	1.0 1.0 1.0	95.4 0.0 0.0
1062	NW_040da	0.4 0.4 0.4	0.4 0.0	0.4 360	0.4 0.4 0.4	38.1 0.0 0.0	0.0 0.0 0.0	0.374 0.374 0.374	38.2 0.0 0.0 0.0	217.7 0.1 360	1.0 1.0 1.0	95.4 0.0 0.0
1063	NW_046da	0.466 0.466 0.466	0.466 0.0	0.466 360	0.466 0.466 0.466	44.4 0.0 0.0	0.0 0.0 0.0	0.431 0.437 0.437	44.4 -0.5 -0.2 0.5	203.8 0.5 360	1.0 1.0 1.0	95.4 0.0 0.0
1064	NW_053da	0.533 0.533 0.533	0.533 0.0	0.533 360	0.533 0.533 0.533	50.8 0.0 0.0	0.0 0.0 0.0	0.503 0.504 0.504	51.0 0.0 0.0 0.0	222.6 0.1 360	1.0 1.0 1.0	95.4 0.0 0.0
1065	NW_060da	0.6 0.6 0.6	0.6 0.0	0.6 360	0.6 0.6 0.6	57.2 0.0 0.0	0.0 0.0 0.0	0.564 0.569 0.569	57.1 -0.3 -0.1 0.4	204.7 0.4 360	1.0 1.0 1.0	95.4 0.0 0.0
1066	NW_066da	0.666 0.666 0.666	0.666 0.0	0.666 360	0.666 0.666 0.666	63.5 0.0 0.0	0.0 0.0 0.0	0.634 0.635 0.635	63.3 -0.1 0.0 0.1	207.4 0.2 360	1.0 1.0 1.0	95.4 0.0 0.0
1067	NW_073da	0.734 0.734 0.734	0.734 0.0	0.734 360	0.734 0.734 0.734	70.0 0.0 0.0	0.0 0.0 0.0	0.703 0.706 0.707	69.8 -0.3 -0.1 0.3	205.7 0.4 360	1.0 1.0 1.0	95.4 0.0 0.0
1068	NW_080da	0.8 0.8 0.8	0.8 0.0	0.8 360	0.8 0.8 0.8	76.3 0.0 0.0	0.0 0.0 0.0	0.775 0.778 0.778	76.1 -0.1 0.0 0.2	206.4 0.2 360	1.0 1.0 1.0	95.4 0.0 0.0
1069	NW_086da	0.866 0.866 0.866	0.866 0.0	0.866 360	0.866 0.866 0.866	82.6 0.0 0.0	0.0 0.0 0.0	0.847 0.85 0.85	82.5 -0.1 0.0 0.1	209.2 0.2 360	1.0 1.0 1.0	95.4 0.0 0.0
1070	NW_093da	0.933 0.933 0.933	0.933 0.0	0.933 360	0.933 0.933 0.933	89.0 0.0 0.0	0.0 0.0 0.0	0.921 0.924 0.924	88.9 -0.2 -0.1 0.2	207.0 0.2 360	1.0 1.0 1.0	95.4 0.0 0.0
1071	NW_100da	1.0 1.0 1.0	1.0 0.0	1.0 360	1.0 1.0 1.0	95.4 0.0 0.0	0.0 0.0 0.0	1.0 1.0 1.0	95.4 0.0 0.0 0.0	325.2 0.0 360	1.0 1.0 1.0	95.4 0.0 0.0
1072	NW_000da	0.0 0.0 0.0	0.0 0.0	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	0.0 0.0 0.0 0.0	0.0 0.0 360	1.0 1.0 1.0	95.4 0.0 0.0
1073	NW_100da	1.0 1.0 1.0	1.0 0.0	1.0 360	1.0 1.0 1.0	95.4 0.0 0.0	0.0 0.0 0.0	1.0 1.0 1.0	95.4 0.0 0.0 0.0	325.2 0.0 360	1.0 1.0 1.0	95.4 0.0 0.0
1074	ROOY_100_100da	1.0 0.0 0.0	1.0 1.0 0.5	390	1.0 0.0 0.0	50.4 76.9 64.5 100.4 40.0	0.0 0.0 0.0	1.0 0.0 0.0	50.4 76.9 64.5 100.4 39.9 0.0	389	1.0 0.0 0.0	50.4 76.9 64.5 100.4 40.0
1075	G50B_100_100da	0.0 1.0 1.0	1.0 1.0 0.5	210	0.0 1.0 1.0	86.8 -46.1 -13.5 48.1 196.3	0.0 1.0 1.0	1.0 86.8 -46.1 -13.5 48.1	196.3 0.0 210	0.0 1.0 1.0	86.8 -46.1 -13.5 48.1 196.3	
1076	Y00G_100_100da	1.0 1.0 0.0	1.0 1.0 0.5	90	1.0 1.0 0.0	92.6 -20.7 90.7 93.0 102.8	1.0 1.0 0.0	1.0 92.6 -20.6 90.7 93.0	102.8 0.0 89	1.0 1.0 0.0	92.6 -20.7 90.7 93.0 102.8	
1077	B00R_100_100da	0.0 0.0 1.0	1.0 1.0 0.5	270	0.0 0.0 1.0	30.3 76.0 -103.5 128.5 306.2	0.0 0.0 1.0	1.0 30.3 76.0 -103.5 128.5	306.2 0.0 270	0.0 0.0 1.0	30.3 76.0 -103.5 128.5 306.2	
1078	G00B_100_100da	0.0 1.0 0.0	1.0 1.0 0.5	150	0.0 1.0 0.0	83.6 -82.7 79.8 115.0 136.0	0.0 0.999 0.0	0.0 83.6 -82.7 79.8 115.0	136.0 0.0 149	0.0 1.0 0.0	83.6 -82.7 79.8 115.0 136.0	
1079	B50R_100_100da	1.0 0.0 1.0	1.0 1.0 0.5	330	1.0 0.0 1.0	57.2 94.3 -58.4 110.9 328.2	1.0 0.0 1.0	1.0 57.2 94.3 -58.4 111.0	328.2 0.0 330	1.0 0.0 1.0	57.2 94.3 -58.4 110.9 328.2	

delta E** = 0.2

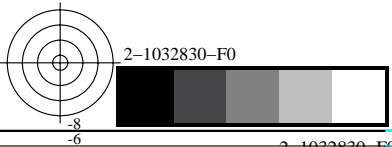


gráfico TUB-QS21; código de tono: H*d=R75Yd
colores y diferencia en color, ΔE**

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

