

Input and Output: Offset Reflective System ORS18a for relative CIELAB hue  $h_{ab,a,rel} = h_{ab}/360 = 139/360 = 0.38$

$H^*_ = Y75G_$

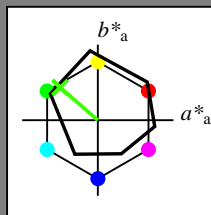
Data for any device (d) or elementary (e) colour:

$HIC^*_$

hue text for the colours of this page:

$H^*_ = Y75G_$

triangle lightness  $T^*$



**ORS18a; adapted (a) CIELAB data**

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

Data for maximum colour (Ma):

$LabCh^*_{-,Ma}$ : 62 -49 43 65 139

$HIC^*_{-,Ma}$ : Y75G\_100\_100\_

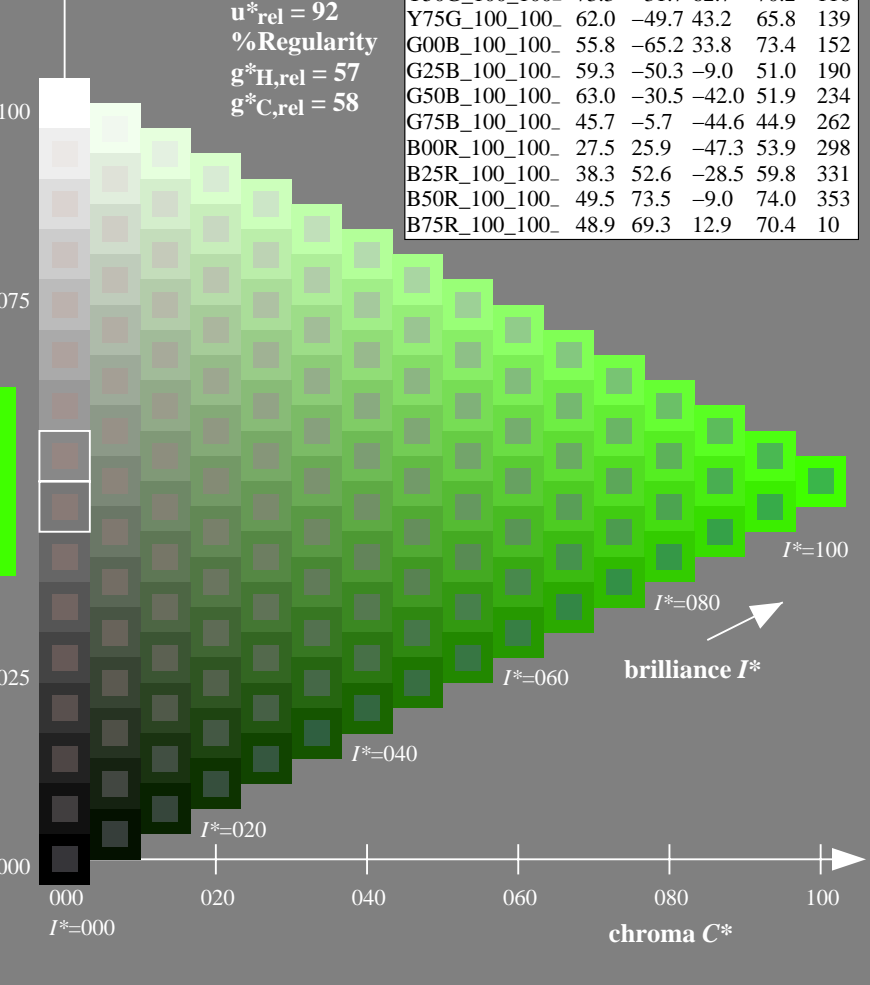
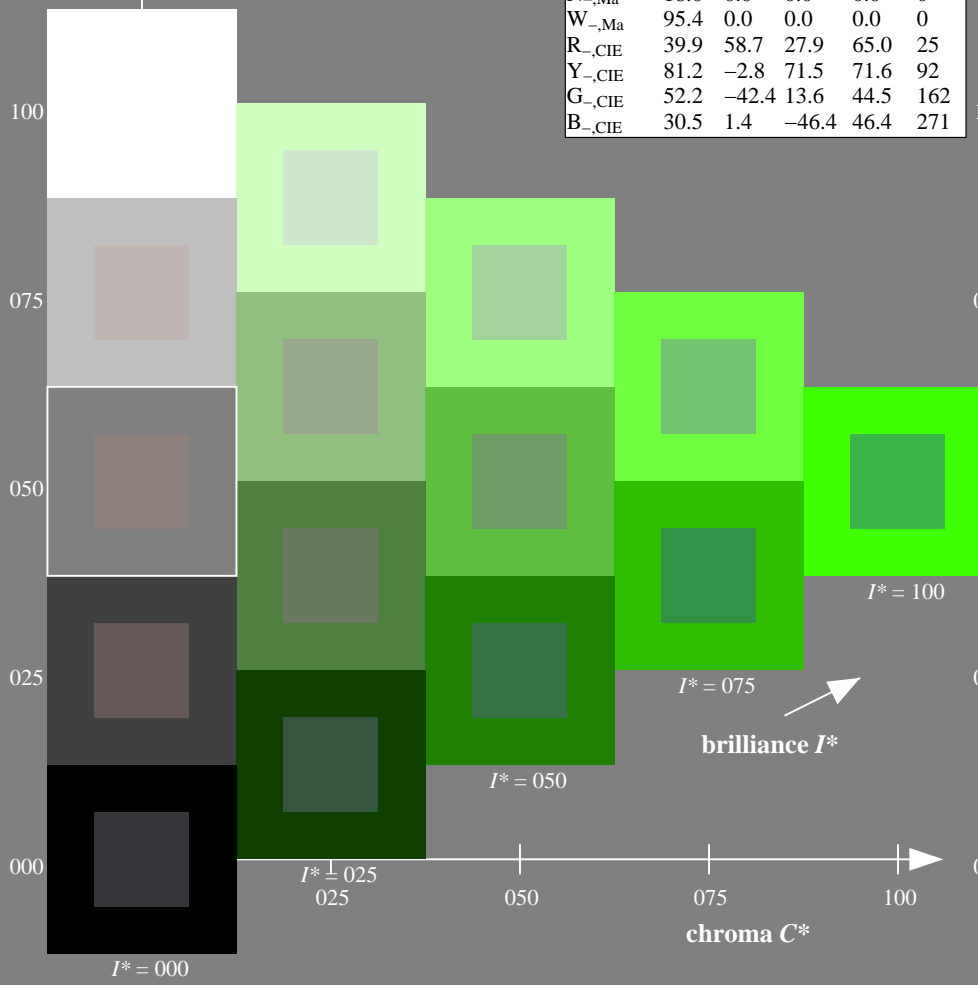
$rgbic^*_{-,Ma}$ :

0.23 1.0 0.0 1.0 1.0

triangle lightness  $T^*$

**ORS20a; adapted (a) CIELAB data**

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



see similar files: <http://130.149.60.45/~farbmetrik/QE64/QE64.HTM>  
 technical information: <http://www.ps.bam.de> or <http://130.149.60.45/~farbmetrik>

TUB registration: 20130201-QE64/QE64L0NA.TXT /PS  
 application for measurement of offset print output

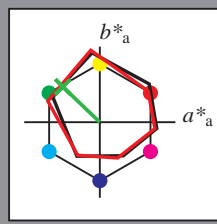
TUB material: code=rh4ta

Input and Output: Offset Reflective System ORS18a for relative CIELAB hue  $h_{ab,a,rel} = h_{ab}/360 = 136/360 = 0.37$

$H^*_d = Y75G_d$

Data for any device (d) or elementary (e) colour:  
 $HIC^*_d$

hue text for the colours of this page:  
 $H^*_d = Y75G_d$   
triangle lightness  $T^*$



ORS20a; adapted (a) CIELAB data

name	$L^*=L^*_a a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$
R <sub>d, Ma</sub>	47.3	63.8	41.2	76.0
Y <sub>d, Ma</sub>	88.3	-11.9	95.1	95.8
G <sub>d, Ma</sub>	51.9	-68.8	28.1	74.3
C <sub>d, Ma</sub>	58.3	-29.2	-43.7	52.6
B <sub>d, Ma</sub>	25.3	23.5	-47.3	52.8
M <sub>d, Ma</sub>	48.2	72.8	-8.5	73.3
N <sub>d, Ma</sub>	17.7	0.0	0.0	0.0
W <sub>d, Ma</sub>	95.4	0.0	0.0	0.0
R <sub>d, CIE</sub>	39.9	58.7	27.9	65.0
Y <sub>d, CIE</sub>	81.2	-2.8	71.5	71.6
G <sub>d, CIE</sub>	52.2	-42.4	13.6	44.5
B <sub>d, CIE</sub>	30.5	1.4	-46.4	46.4

Data for maximum colour (Ma):

$LabCh^*_{d, Ma}$ : 60 -48 46 67 136

$HIC^*_{d, Ma}$ : Y75G\_100\_100d

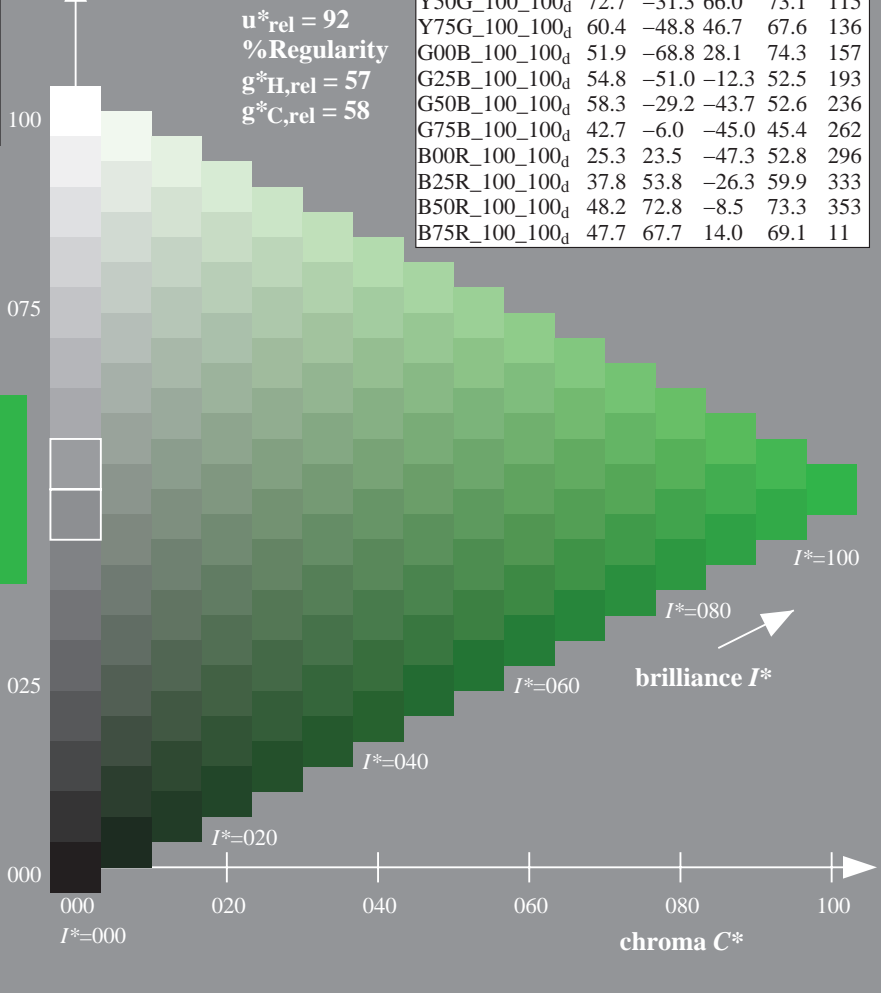
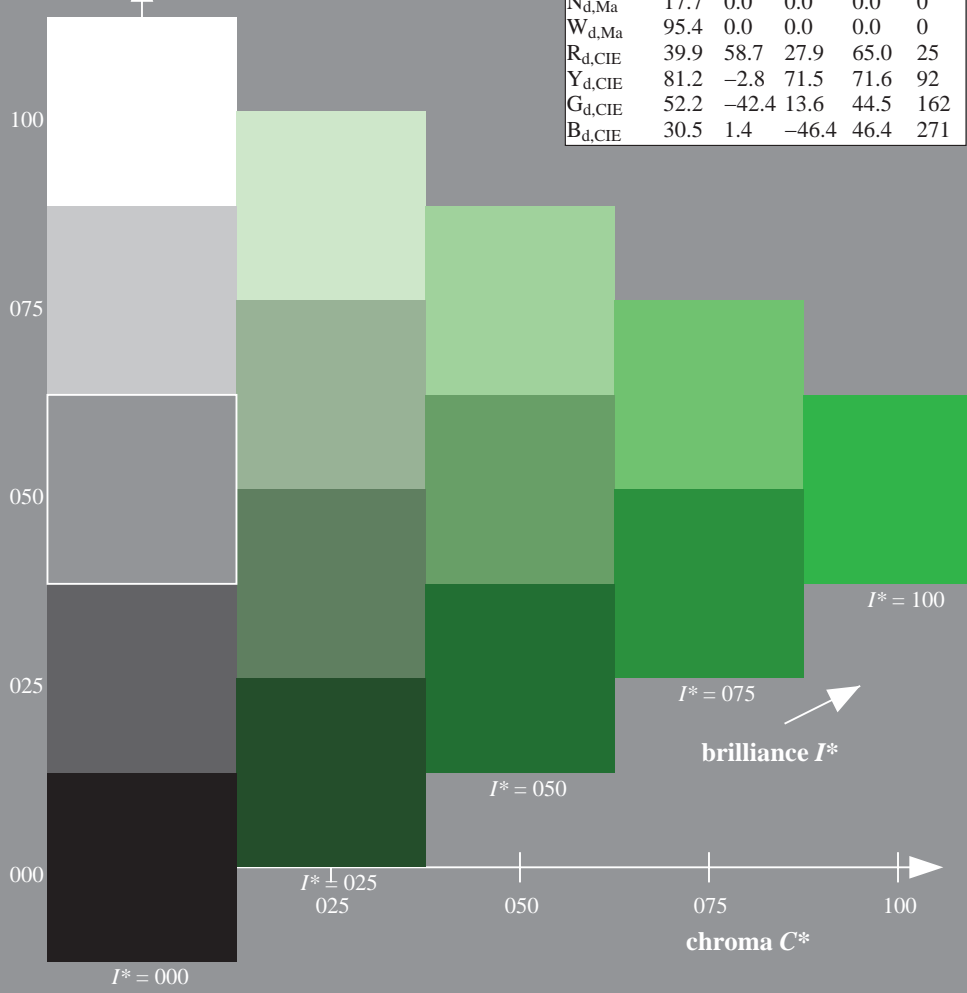
$rgbic^*_{d, Ma}$ :  
0.23 1.0 0.0 1.0 1.0

triangle lightness  $T^*$

ORS20a; adapted (a) CIELAB data

$H^*_d$	$L^*=L^*_a a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$
R00Y_100_100 <sub>d</sub>	47.3	63.8	41.2	76.0
R25Y_100_100 <sub>d</sub>	55.3	45.8	52.2	69.5
R50Y_100_100 <sub>d</sub>	67.2	22.6	67.6	71.2
R75Y_100_100 <sub>d</sub>	79.9	1.0	83.9	83.9
Y00G_100_100 <sub>d</sub>	88.3	-11.9	95.1	95.8
Y25G_100_100 <sub>d</sub>	83.3	-19.2	83.7	85.9
Y50G_100_100 <sub>d</sub>	72.7	-31.3	66.0	73.1
Y75G_100_100 <sub>d</sub>	60.4	-48.8	46.7	67.6
G00B_100_100 <sub>d</sub>	51.9	-68.8	28.1	74.3
G25B_100_100 <sub>d</sub>	54.8	-51.0	-12.3	52.5
G50B_100_100 <sub>d</sub>	58.3	-29.2	-43.7	52.6
G75B_100_100 <sub>d</sub>	42.7	-6.0	-45.0	45.4
B00R_100_100 <sub>d</sub>	25.3	23.5	-47.3	52.8
B25R_100_100 <sub>d</sub>	37.8	53.8	-26.3	59.9
B50R_100_100 <sub>d</sub>	48.2	72.8	-8.5	73.3
B75R_100_100 <sub>d</sub>	47.7	67.7	14.0	69.1

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



see similar files: http://130.149.60.45/~farbmetrik/QE64/QE64.HTM  
technical information: http://www.ps.bam.de or http://130.149.60.45/~farbmetrik

TUB registration: 20130201-QE64/QE64L0NA.TXT /PS  
application for measurement of offset print output, separation cmykn6 (CMYK)  
TUB material: code=rh4ta

1-003130-L0 QE640-70

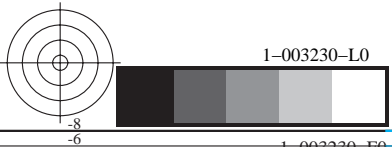
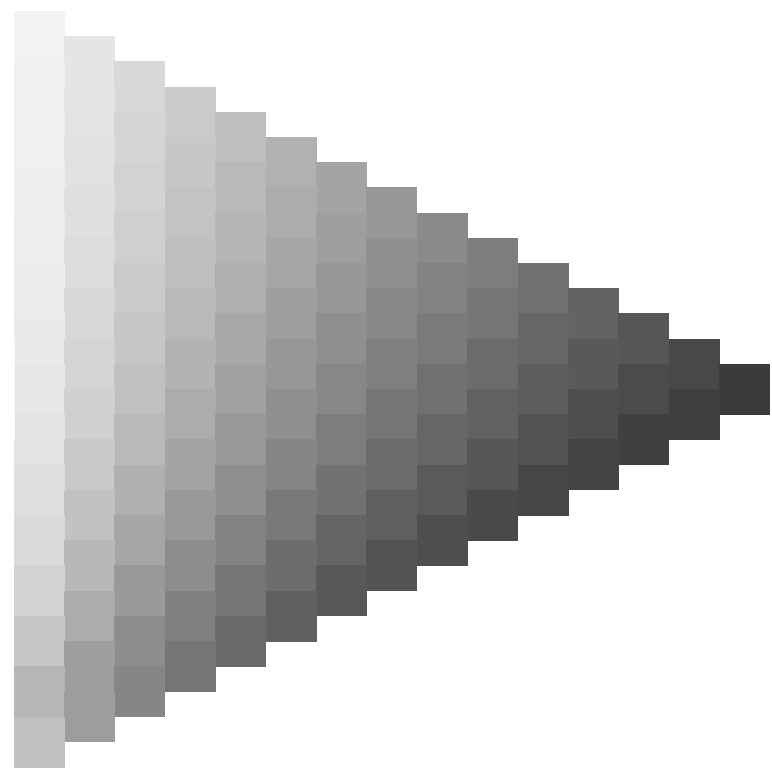
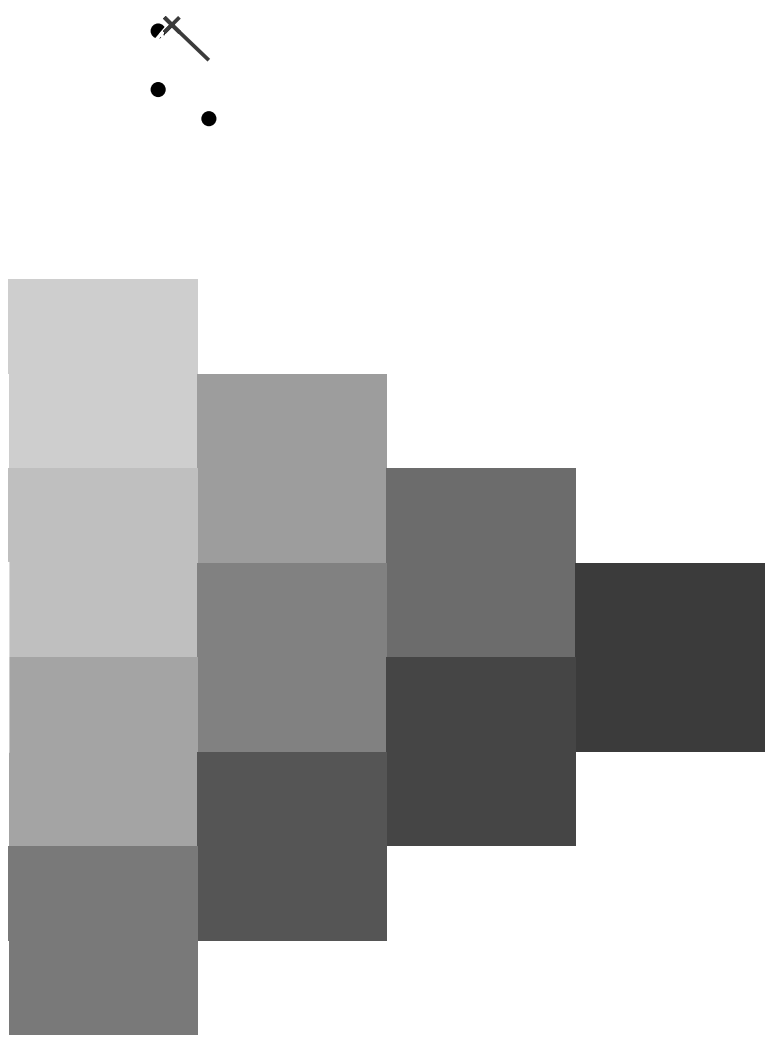
TUB-test chart QE64; hue code:  $H^*_d=Y75G_d$   
Test chart according to DIN 33872, 3D=0, de=0, cmyk

input:  $rgb/cmyk \rightarrow rgb_d$   
output: transfer to  $cmyk_d$

1-003130-F0



see similar files: <http://130.149.60.45/~farbmetrik/QE64/QE64.HTM>  
technical information: <http://www.ps.bam.de> or <http://130.149.60.45/~farbmetrik>

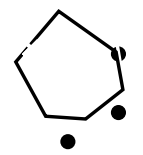
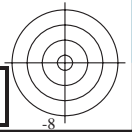


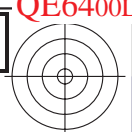
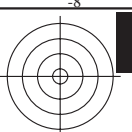
1-003230-L0 QE640-70

TUB-test chart QE64; hue code: H\*d=Y75Gd  
Test chart according to DIN 33872, 3D=0, de=0, cmyk

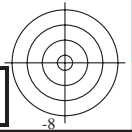
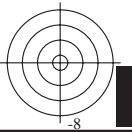
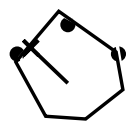
input: *rgb/cmyk* -> *rgb*<sub>d</sub>  
output: transfer to *cmyk*<sub>d</sub>

1-003230-E0





see similar files: <http://130.149.60.45/~farbmetrik/QE64/QE64.HTM>  
technical information: <http://www.ps.bam.de> or <http://130.149.60.45/~farbmetrik>



1-003430-L0 QE640-70

TUB-test chart QE64; hue code:  $H^*_d=Y75G_d$   
Test chart according to DIN 33872, 3D=0, de=0, cmyk

input: *rgb/cmyk* -> *rgb<sub>d</sub>*  
output: transfer to *cmyk<sub>d</sub>*

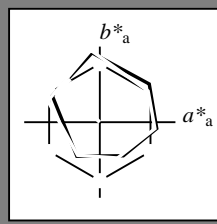
1-003430-F0

Input and Output: Offset Reflective System ORS18a for relative CIELAB hue  $h_{ab,a,rel} = h_{ab}/360 = 136/360 = 0.37$

$H^*_d = Y75G_d$

Data for any device (d) or elementary (e) colour:

$HIC^*_d$   
hue text for the colours of this page:  
 $H^*_d = Y75G_d$   
triangle lightness  $T^*$



ORS20a; adapted (a) CIELAB data

name	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$
R <sub>d, Ma</sub>	47.3	63.8	41.2	76.0	32
Y <sub>d, Ma</sub>	88.3	-11.9	95.1	95.8	97
G <sub>d, Ma</sub>	51.9	-68.8	28.1	74.3	157
C <sub>d, Ma</sub>	58.3	-29.2	-43.7	52.6	236
B <sub>d, Ma</sub>	25.3	23.5	-47.3	52.8	296
M <sub>d, Ma</sub>	48.2	72.8	-8.5	73.3	353
N <sub>d, Ma</sub>	17.7	0.0	0.0	0.0	0
W <sub>d, Ma</sub>	95.4	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

Data for maximum colour (Ma):

$LabCh^*_{d, Ma}$ : 60 -48 46 67 136

$HIC^*_{d, Ma}$ : Y75G\_100\_100d

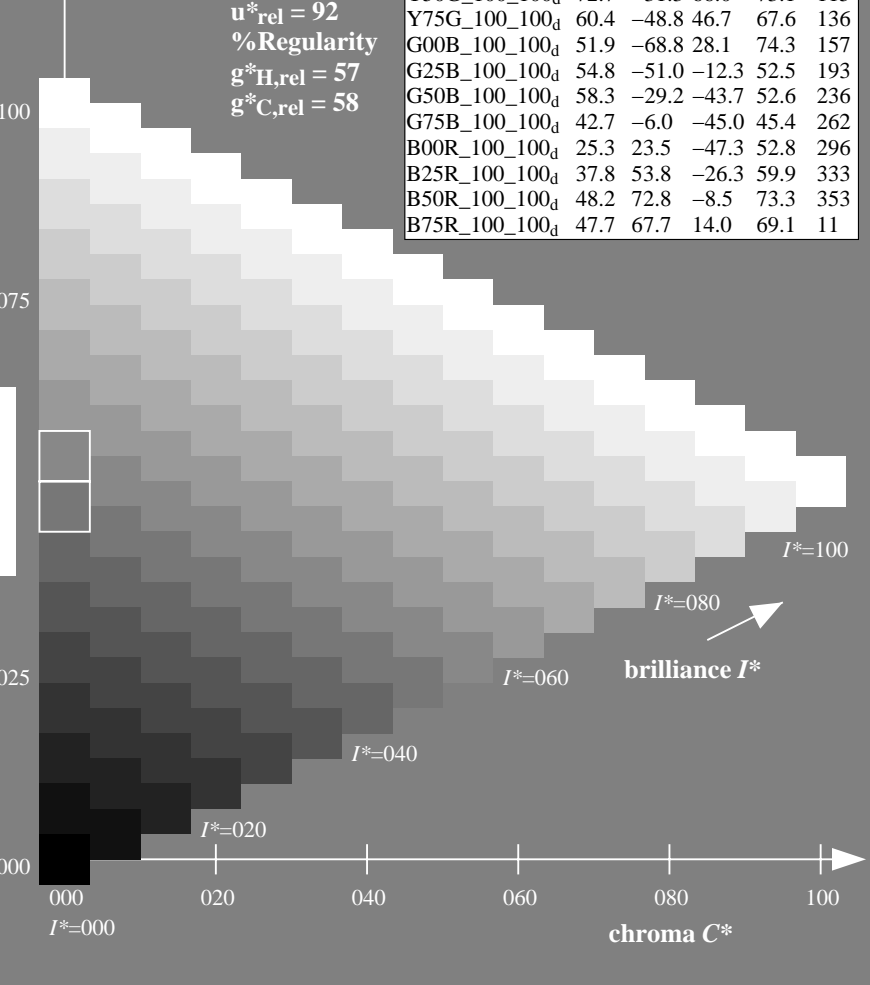
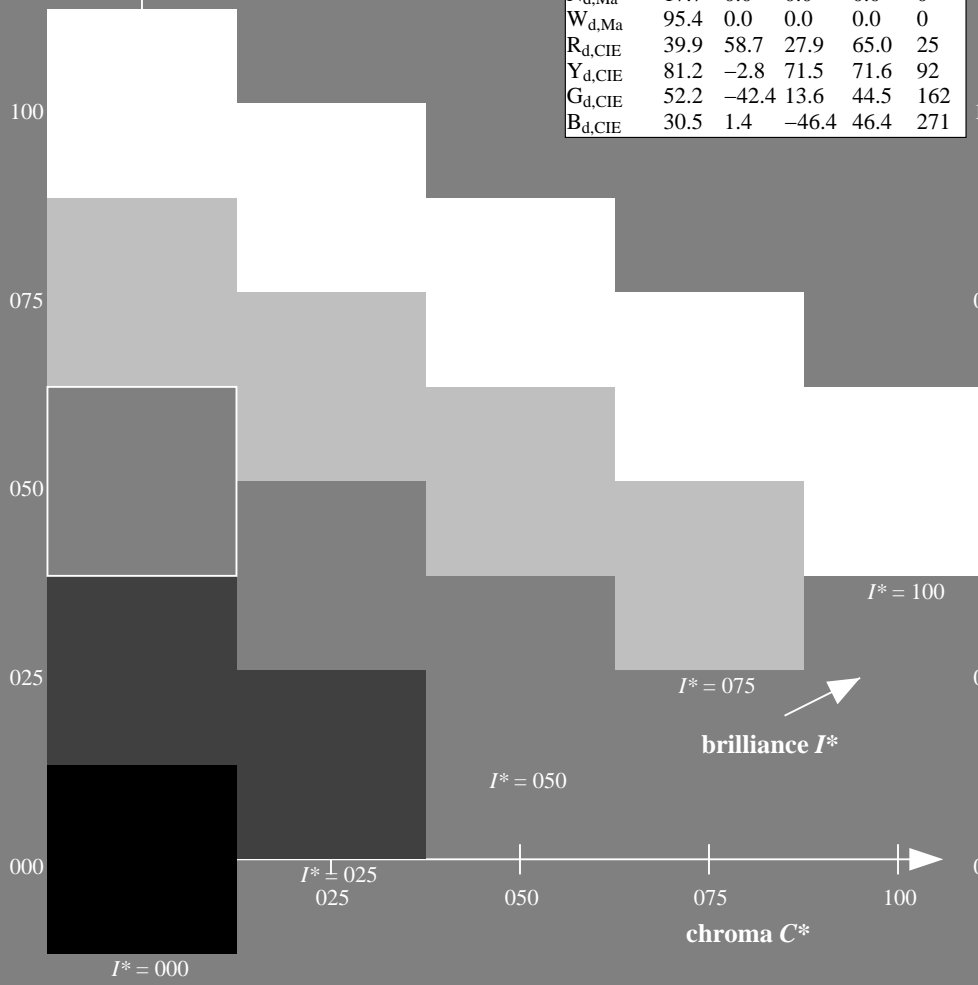
$rgbic^*_{d, Ma}$ :

0.23 1.0 0.0 1.0 1.0

triangle lightness  $T^*$

ORS20a; adapted (a) CIELAB data

$H^*_d$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$
R00Y_100_100 <sub>d</sub>	47.3	63.8	41.2	76.0	32
R25Y_100_100 <sub>d</sub>	55.3	45.8	52.2	69.5	48
R50Y_100_100 <sub>d</sub>	67.2	22.6	67.6	71.2	71
R75Y_100_100 <sub>d</sub>	79.9	1.0	83.9	83.9	89
Y00G_100_100 <sub>d</sub>	88.3	-11.9	95.1	95.8	97
Y25G_100_100 <sub>d</sub>	83.3	-19.2	83.7	85.9	102
Y50G_100_100 <sub>d</sub>	72.7	-31.3	66.0	73.1	115
Y75G_100_100 <sub>d</sub>	60.4	-48.8	46.7	67.6	136
G00B_100_100 <sub>d</sub>	51.9	-68.8	28.1	74.3	157
G25B_100_100 <sub>d</sub>	54.8	-51.0	-12.3	52.5	193
G50B_100_100 <sub>d</sub>	58.3	-29.2	-43.7	52.6	236
G75B_100_100 <sub>d</sub>	42.7	-6.0	-45.0	45.4	262
B00R_100_100 <sub>d</sub>	25.3	23.5	-47.3	52.8	296
B25R_100_100 <sub>d</sub>	37.8	53.8	-26.3	59.9	333
B50R_100_100 <sub>d</sub>	48.2	72.8	-8.5	73.3	353
B75R_100_100 <sub>d</sub>	47.7	67.7	14.0	69.1	11



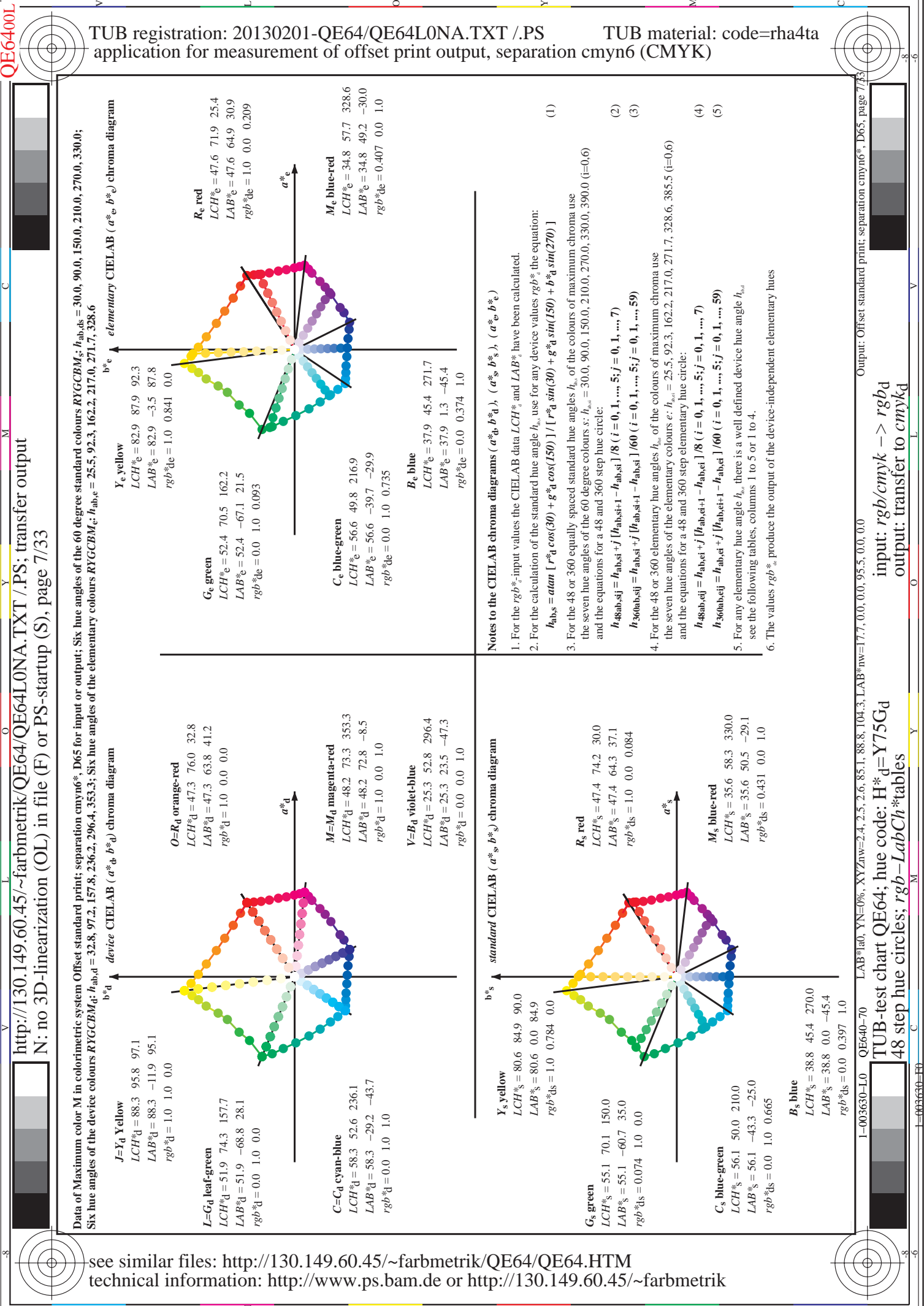
1-003530-L0 QE640-70

TUB-test chart QE64; hue code:  $H^*_d=Y75G_d$   
Test chart according to DIN 33872, 3D=0, de=0, cmyk

input:  $rgb/cmyk \rightarrow rgb_d$   
output: transfer to  $cmyk_d$

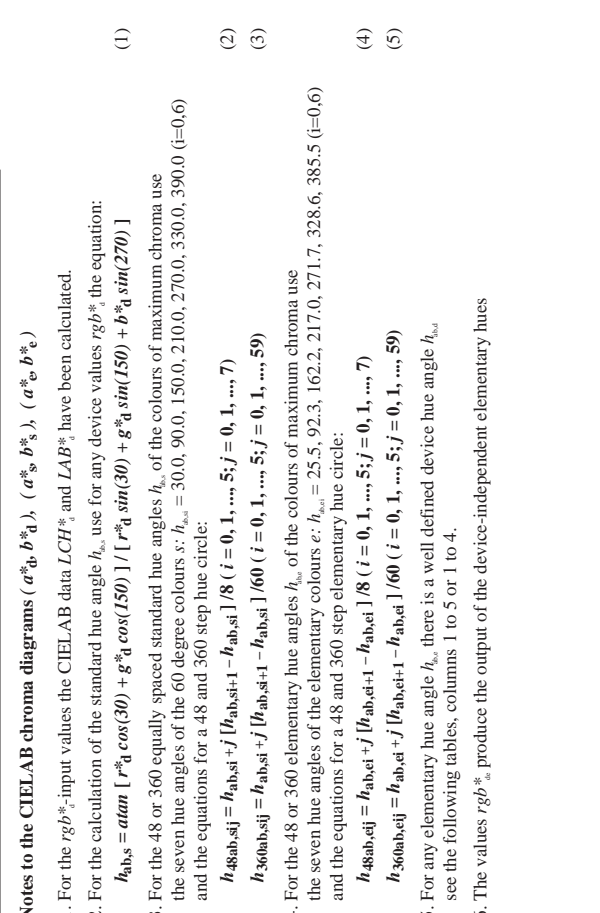
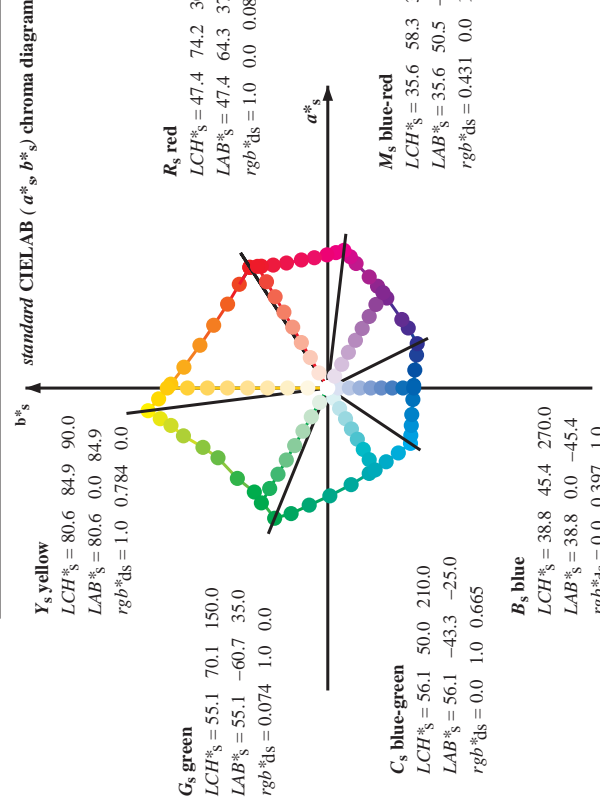
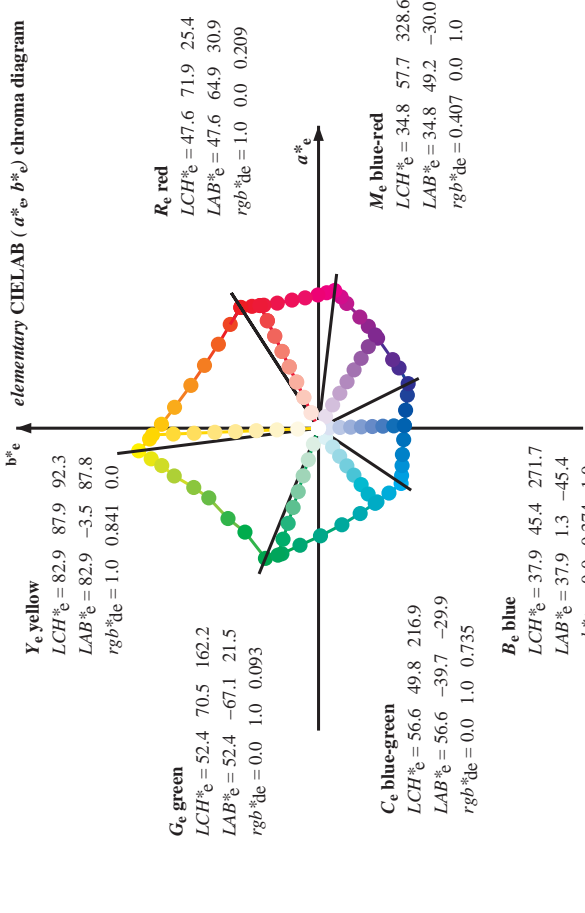
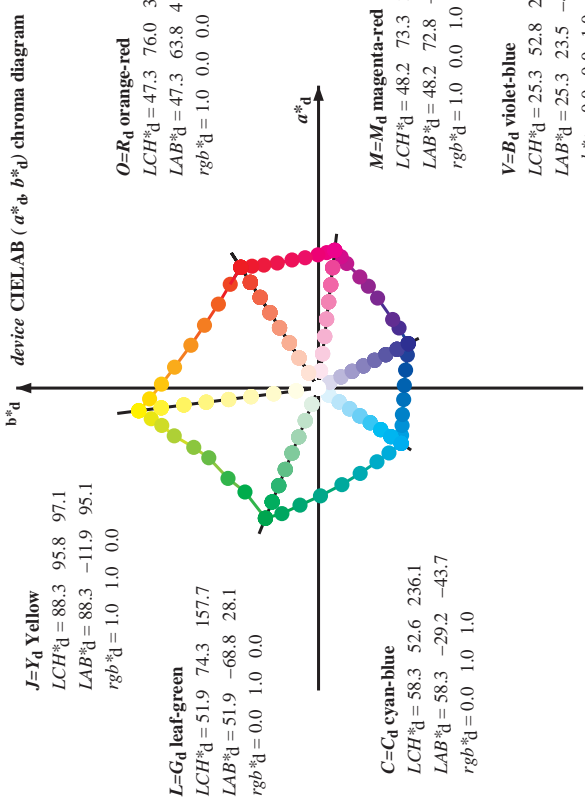
see similar files: http://130.149.60.45/~farbmetrik/QE64/QE64L0NA.TXT /PS  
technical information: http://www.ps.bam.de or http://130.149.60.45/~farbmetrik

TUB registration: 20130201-QE64/QE64L0NA.TXT /PS  
application for measurement of offset print output, separation cmykn6 (CMYK)  
TUB material: code=rh4ta



http://130.149.60.45/~farbmetrik/QE64/QE64L0NA.TXT /.PS; transfer output N: no 3D-linearization (OL) in file (F) or PS-startup (S), page 7/33

Data of Maximum color, M in colorimetric system Offset standard print; separation cmyk6\* D65 for input or output; Six hue angles of the 60 degree standard colours RYGBM; h<sub>ab,ds</sub> = 30.0, 90.0, 150.0, 210.0, 270.0, 330.0; Six hue angles of the device colours RYGBM<sub>d</sub>; h<sub>ab,d</sub> = 32.8, 97.2, 157.8, 236.2, 296.4, 353.3; Six hue angles of the elementary colours RYGBM<sub>e</sub>; h<sub>ab,e</sub> = 25.5, 92.3, 162.2, 217.0, 271.7, 328.6











http://130.149.60.45/~farbmetrik/QE64/QE64L0NA.TXT /.PS; transfer output N: no 3D-linearization (OL) in file (F) or PS-startup (S), page 10/33

Data of Maximum color, M in colorimetric system Offset standard print; separation cmyk6\*: D65 for input or output; Six hue angles of the 60 degree standard colours RYGBM; h\_ab,ds = 30.0, 90.0, 150.0, 210.0, 270.0, 330.0;

Table with 88 rows and 15 columns. Columns include hue angles (h\_ab,d, h\_ab,s, h\_ab,e), device colours (RYGBM\_d, RYGBM\_s, RYGBM\_e), LabCh values (LAB\*\_dss361MI, LAB\*\_ds361MI, LAB\*\_d361MI, LAB\*\_s361MI, LAB\*\_e361MI), and separation values (Rg, Rb, Rm, Rk, Rl, Rr, Rg, Rb, Rm, Rk, Rl, Rr). The table contains numerical data for each of the 88 color patches.

Six hue angles of the device colours RYGBM; h\_ab,d = 32.8, 97.2, 157.8, 236.2, 296.4, 353.3; Six hue angles of the elementary colours RYGBM; h\_ab,e = 25.5, 92.3, 162.2, 217.0, 271.7, 328.6

LAB\*\_dss361MI LAB\*\_ds361MI LAB\*\_d361MI LAB\*\_s361MI LAB\*\_e361MI Rg Rb Rm Rk Rl Rr Rg Rb Rm Rk Rl Rr

input: rgb/cmyk -> rgbd output: transfer to cmykd

http://130.149.60.45/~farbmetrik/QE64/QE64L0NA.TXT /.PS; transfer output N: no 3D-linearization (OL) in file (F) or PS-startup (S), page 1/33

Data of Maximum color, M in colorimetric system Offset standard print; separation cmyk6\*: D65 for input or output; Six hue angles of the 60 degree standard colours RYGBM; h\_ab,ds = 30.0, 90.0, 150.0, 210.0, 270.0, 330.0; Six hue angles of the device colours RYGBM; h\_ab,d = 32.8, 97.2, 157.8, 236.2, 296.4, 353.3; Six hue angles of the elementary colours RYGBM; h\_ab,e = 25.5, 92.3, 162.2, 217.0, 271.7, 328.6

Table with 12 columns: h\_ab,d, h\_ab,s, h\_ab,e, rgb%\_dd361M, LAB\*\_dcs361MI (x=LabCh), rgb%\_dcs361MI, LAB\*\_dcs361MI (x=LabCh), rgb%\_dd361MI, LAB\*\_dex361MI (x=LabCh), rgb%\_dex361MI, LAB\*\_dex361MI (x=LabCh), rgb%\_dd361MI, LAB\*\_dex361MI (x=LabCh)

I-0031030-L0 QE640-70 LAB\*lab0, YN=0%, XY,Znw=2.4,2.5,2.6,85.1,88.8,104.3, LAB\*rw=17.7,0.0,0.0,95.5,0.0,0.0 Input: rgb/cmyk -> rgbd Output: Offset standard print; separation cmyk6\*: D65, page 1/33



















http://130.149.60.45/~farbmetrik/QE64/QE64L0NA.TXT /.PS; transfer output N: no 3D-linearization (OL) in file (F) or PS-startup (S), page 18/33

Table with columns: nuf, HHC\*Fd, rpb\*Fd, icr\*Fd, hsa\*Fd, LabCH\*Fd, LabCH\*Pd, rpb\*Pd, LabCH\*Pd, DE\*Pd, hsa\*Pd, rpb\*Pd, LabCH\*Pd. Rows include color names like R000, R001, Y000, Y001, etc.

Mean color difference of this page: delta E\*\* = 2.6

input: rgb/cmyk -> rgbd output: transfer to cmykd

nif	HC*Fd	rgb_Fd	icr_Fd	hsa_Fd	rgb*Fd	LabCh*Fd	LabCh**Fd	rgb**Fd	DF*Fd	hsa*Fd	rgb*Fd	LabCh**Fd	LabCh*Fd	rgb*Fd	LabCh*Fd	LabCh**Fd
0/648	R00Y_100_100a	1.0	0.0	0.0	0.0	0.0	0.0	0.0	32.8	41.2	69.0	63.8	41.2	0.0	0.0	63.8
1/668	R25Y_100_100a	0.0	0.5	0.5	0.0	0.0	0.0	0.0	48.7	69.5	50.0	45.8	69.5	0.0	0.0	45.8
2/684	R50Y_100_100a	0.0	1.0	1.0	0.0	0.0	0.0	0.0	71.2	71.4	57.0	67.6	71.4	0.0	0.0	67.6
3/702	R75Y_100_100a	0.0	1.0	0.5	0.0	0.0	0.0	0.0	83.9	83.9	88.5	83.9	83.9	0.0	0.0	83.9
4/720	Y00C_100_100a	0.0	1.0	0.0	0.0	0.0	0.0	0.0	95.1	95.1	95.8	95.1	95.1	0.0	0.0	95.1
5/558	Y25C_100_100a	0.75	1.0	0.0	0.0	0.0	0.0	0.0	88.3	88.3	103.3	88.3	88.3	0.0	0.0	88.3
6/396	Y50C_100_100a	0.25	1.0	0.0	0.0	0.0	0.0	0.0	72.7	72.7	115.3	72.7	72.7	0.0	0.0	72.7
7/234	Y75C_100_100a	0.0	1.0	0.0	0.0	0.0	0.0	0.0	60.4	60.4	136.2	60.4	60.4	0.0	0.0	60.4
8/72	G00B_100_100a	0.0	1.0	0.0	0.0	0.0	0.0	0.0	51.9	51.9	157.7	51.9	51.9	0.0	0.0	51.9
9/72	G25B_100_100a	0.0	1.0	0.0	0.0	0.0	0.0	0.0	51.9	51.9	157.7	51.9	51.9	0.0	0.0	51.9
10/76	G50B_100_100a	0.0	1.0	0.0	0.0	0.0	0.0	0.0	54.8	54.8	157.7	54.8	54.8	0.0	0.0	54.8
11/80	G75B_100_100a	0.0	1.0	0.0	0.0	0.0	0.0	0.0	58.3	58.3	157.7	58.3	58.3	0.0	0.0	58.3
12/44	G50B_100_100a	0.0	0.5	1.0	0.0	0.0	0.0	0.0	42.7	42.7	115.3	42.7	42.7	0.0	0.0	42.7
13/8	B00M_100_100a	0.0	1.0	1.0	0.0	0.0	0.0	0.0	23.5	23.5	296.4	23.5	23.5	0.0	0.0	23.5
14/332	B25R_100_100a	0.5	0.0	1.0	0.0	0.0	0.0	0.0	37.8	37.8	333.9	37.8	37.8	0.0	0.0	37.8
15/656	B50R_100_100a	1.0	0.0	1.0	0.0	0.0	0.0	0.0	48.2	48.2	353.3	48.2	48.2	0.0	0.0	48.2
16/652	B75R_100_100a	1.0	0.0	1.0	0.0	0.0	0.0	0.0	69.1	69.1	11.6	69.1	69.1	0.0	0.0	69.1
17/648	R00Y_100_100a	1.0	0.0	0.0	0.0	0.0	0.0	0.0	47.3	47.3	63.8	47.3	47.3	0.0	0.0	47.3
18/688	R00Y_100_050a	1.0	0.5	0.5	0.0	0.0	0.0	0.0	32.8	32.8	38.0	32.8	32.8	0.0	0.0	32.8
19/608	R50Y_075_050a	1.0	0.75	0.5	0.0	0.0	0.0	0.0	38.0	38.0	38.0	38.0	38.0	0.0	0.0	38.0
20/724	Y00C_100_050a	0.75	1.0	0.5	0.0	0.0	0.0	0.0	81.3	81.3	33.8	81.3	81.3	0.0	0.0	81.3
21/400	G00B_100_050a	0.5	1.0	0.5	0.0	0.0	0.0	0.0	51.9	51.9	35.6	51.9	51.9	0.0	0.0	51.9
22/400	G50B_100_050a	0.5	1.0	0.5	0.0	0.0	0.0	0.0	70.6	70.6	14.8	70.6	70.6	0.0	0.0	70.6
23/548	B00R_100_050a	0.5	0.5	1.0	0.0	0.0	0.0	0.0	61.4	61.4	33.6	61.4	61.4	0.0	0.0	61.4
25/692	B50R_100_050a	1.0	0.5	1.0	0.0	0.0	0.0	0.0	71.4	71.4	31.9	71.4	71.4	0.0	0.0	71.4
26/688	R00Y_100_050a	1.0	0.5	0.5	0.0	0.0	0.0	0.0	51.9	51.9	20.6	51.9	51.9	0.0	0.0	51.9
27/506	R00Y_075_050a	0.75	0.25	0.75	0.5	0.5	0.5	0.5	31.9	31.9	20.6	31.9	31.9	0.0	0.0	31.9
28/524	R50Y_075_050a	0.75	0.5	0.5	0.5	0.5	0.5	0.5	61.9	61.9	33.8	61.9	61.9	0.0	0.0	61.9
29/542	Y00C_075_050a	0.75	0.75	0.25	0.75	0.5	0.5	0.5	72.4	72.4	47.5	72.4	72.4	0.0	0.0	72.4
30/380	Y50C_075_050a	0.25	0.75	0.25	0.75	0.5	0.5	0.5	47.5	47.5	36.5	47.5	47.5	0.0	0.0	47.5
32/222	G50B_075_050a	0.25	0.75	0.25	0.75	0.5	0.5	0.5	64.6	64.6	15.6	64.6	64.6	0.0	0.0	64.6
33/186	B00R_075_050a	0.25	0.75	0.25	0.75	0.5	0.5	0.5	57.4	57.4	14.6	57.4	57.4	0.0	0.0	57.4
34/510	B50R_075_050a	0.75	0.25	0.75	0.5	0.5	0.5	0.5	40.9	40.9	11.7	40.9	40.9	0.0	0.0	40.9
35/506	R00Y_050_050a	0.75	0.25	0.25	0.75	0.5	0.5	0.5	52.4	52.4	36.4	52.4	52.4	0.0	0.0	52.4
36/324	R00Y_050_050a	0.5	0.0	0.0	0.5	0.5	0.5	0.5	31.9	31.9	20.6	31.9	31.9	0.0	0.0	31.9
37/342	R50Y_050_050a	0.5	0.25	0.5	0.5	0.5	0.5	0.5	42.4	42.4	11.3	42.4	42.4	0.0	0.0	42.4
38/360	Y00C_050_050a	0.5	0.5	0.5	0.5	0.5	0.5	0.5	53.0	53.0	47.5	53.0	53.0	0.0	0.0	53.0
39/198	Y50C_050_050a	0.25	0.5	0.5	0.5	0.5	0.5	0.5	45.2	45.2	15.6	45.2	45.2	0.0	0.0	45.2
40/36	G00B_050_050a	0.0	0.5	0.5	0.5	0.5	0.5	0.5	34.8	34.8	14.0	34.8	34.8	0.0	0.0	34.8
41/40	G50B_050_050a	0.0	0.5	0.5	0.5	0.5	0.5	0.5	38.0	38.0	14.6	38.0	38.0	0.0	0.0	38.0
42/4	B00R_050_050a	0.0	0.5	0.5	0.5	0.5	0.5	0.5	21.5	21.5	11.7	21.5	21.5	0.0	0.0	21.5
43/328	B50R_050_050a	0.5	0.0	0.5	0.5	0.5	0.5	0.5	32.9	32.9	36.4	32.9	32.9	0.0	0.0	32.9
44/324	R00Y_050_050a	0.5	0.0	0.5	0.5	0.5	0.5	0.5	51.9	51.9	20.6	51.9	51.9	0.0	0.0	51.9
45/0	NW_000a	0.0	0.0	0.0	0.0	0.0	0.0	0.0	17.7	17.7	0.0	17.7	17.7	0.0	0.0	17.7
46/91	NW_013a	0.125	0.125	0.125	0.125	0.125	0.125	0.125	28.0	28.0	0.0	28.0	28.0	0.0	0.0	28.0
47/182	NW_025a	0.25	0.25	0.25	0.25	0.25	0.25	0.25	37.1	37.1	0.0	37.1	37.1	0.0	0.0	37.1
48/273	NW_038a	0.375	0.375	0.375	0.375	0.375	0.375	0.375	46.8	46.8	0.0	46.8	46.8	0.0	0.0	46.8
49/364	NW_050a	0.5	0.5	0.5	0.5	0.5	0.5	0.5	56.5	56.5	0.0	56.5	56.5	0.0	0.0	56.5
50/455	NW_063a	0.625	0.625	0.625	0.625	0.625	0.625	0.625	66.3	66.3	0.0	66.3	66.3	0.0	0.0	66.3
51/546	NW_075a	0.75	0.75	0.75	0.75	0.75	0.75	0.75	76.9	76.9	0.0	76.9	76.9	0.0	0.0	76.9
52/636	NW_088a	0.875	0.875	0.875	0.875	0.875	0.875	0.875	88.4	88.4	0.0	88.4	88.4	0.0	0.0	88.4
53/728	NW_100a	1.0	1.0	1.0	1.0	1.0	1.0	1.0	95.4	95.4	0.0	95.4	95.4	0.0	0.0	95.4

Mean color difference of this page: delta E\* = 3.8

input: rgb/cmyk -> rgbd  
output: transfer to cmykd

TUB-test chart QE64; hue code: H\*\_d=Y75G\_d  
colors and differences, ΔE\*'





Table with 16 columns: n, HHC\*Fd, Rgb\*Fd, LabCH\*Fd, LabCH\*Fd, LabCH\*Fd, LabCH\*Fd, LabCH\*Fd, LabCH\*Fd, LabCH\*Fd, LabCH\*Fd, LabCH\*Fd, LabCH\*Fd, LabCH\*Fd, LabCH\*Fd, LabCH\*Fd. Rows 81-161.

input: rgb/cmyk -> rgbd output: transfer to cmykd

TUB-test chart QE64; hue code: H\*d=Y75Gd colors and differences, AE\*







Table with 40 columns (n, HHC\*Fd, rpb\*Fd, icr\*Fd, hsa\*Fd, rpb\*Fd, LabCH\*Fd, LabCH\*Fd, rpb\*Fd, rpb\*Fd, LabCH\*Fd, DF\*Fd, Hsa\*Fd, rpb\*Fd, LabCH\*Fd) and 40 rows of color calibration data.

input: rgb/cmyk -> rgbd output: transfer to cmykd

TUB-test chart QE64; hue code: H\*d=Y75Gd colors and differences, AE\*

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QE640-TN; Page 24/33-F

Mean color difference of this page: delta E\* = 5.3



Table with 15 columns: n, HHC\*Fd, Rgb\*Fd, Ict\*Fd, Hsa\*Fd, Rgb\*Fd, LabCH\*Fd, LabCH\*Fd, Rgb\*Fd, DF\*Fd, Hsa\*Fd, LabCH\*Fd, LabCH\*Fd, Rgb\*Fd, and delta E\* = 4.6. The table contains color calibration data for various color patches.

input: rgb/cmyk -> rgbd output: transfer to cmykd

TUB-test chart QE64; hue code: H\*d=Y75Gd colors and differences, AE\*





http://130.149.60.45/~farbmetrik/QE64/QE64LONA.TXT /.PS; transfer output N: no 3D-linearization (OL) in file (F) or PS-startup (S), page 28/33

Table with 15 columns: n, HHC\*Fd, rpb\*Fd, icr\*Fd, hsa\*Fd, LabCH\*Fd, rpb\*Fd, LabCH\*Fd, DF\*Fd, hsa\*Fd, rpb\*Fd, LabCH\*Fd, LabCH\*Fd, LabCH\*Fd, delta E\* = 3.9. Rows include color names like R001, R002, etc.

input: rgb/cmyk -> rgbd output: transfer to cmykd

TUB-test chart QE64; hue code: H\*d=Y75Gd colors and differences, ΔE\*





http://130.149.60.45/~farbmetrik/QE64/QE64L0NA.TXT /.PS; transfer output N: no 3D-linearization (OL) in file (F) or PS-startup (S), page 30/33

Table with 10 columns: n, H#C\*Fd, r\*gb, i\*ct, i\*st, i\*st, i\*st, i\*st, i\*st, i\*st. Rows 810-890. Includes color names like NV, BOOR, YOCG, etc.

Table with 10 columns: LabC\*H\*Yd, r\*gb, i\*ct, i\*st, i\*st, i\*st, i\*st, i\*st, i\*st, i\*st. Rows 810-890. Includes color names like NV, BOOR, YOCG, etc.

Mean color difference of this page: delta E\*90 = 5.5

input: rgb/cmyk -> rgbd output: transfer to cmykd





http://130.149.60.45/~farbmetrik/QE64/QE64L0NA.TXT /.PS; transfer output N: no 3D-linearization (OL) in file (F) or PS-startup (S), page 33/33

n	HC*Fd	rgb*Fd	ict*Fd	hsa*Fd	rgb*Fd	LabCh*Fd	hsa*Fd	LabCh*Fd	rgb*Fd	DF*Fd	hsa*Fd	rgb*Fd	LabCh*Fd
1053	NW_086d	0.866	0.866	0.866	0.866	0.866	0.866	89.4	-0.1	0.0	0.0	0.0	0.0
1054	NW_093d	0.933	0.933	0.933	0.933	0.933	0.933	92.2	0.0	0.0	0.0	0.0	0.0
1055	NW_100d	1.0	1.0	1.0	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0	0.0
1056	NW_006d	0.066	0.066	0.066	0.066	0.066	0.066	17.7	0.0	0.0	0.0	0.0	0.0
1057	NW_013d	0.133	0.133	0.133	0.133	0.133	0.133	18.7	0.0	0.0	0.0	0.0	0.0
1058	NW_020d	0.2	0.2	0.2	0.2	0.2	0.2	22.3	-0.1	0.0	0.0	0.0	0.0
1059	NW_026d	0.266	0.266	0.266	0.266	0.266	0.266	28.0	-0.1	0.0	0.0	0.0	0.0
1060	NW_033d	0.333	0.333	0.333	0.333	0.333	0.333	30.4	-0.2	0.0	0.0	0.0	0.0
1061	NW_040d	0.4	0.4	0.4	0.4	0.4	0.4	38.9	-0.4	-0.8	0.0	0.0	0.0
1062	NW_046d	0.466	0.466	0.466	0.466	0.466	0.466	48.8	-0.4	-0.7	0.0	0.0	0.0
1063	NW_053d	0.533	0.533	0.533	0.533	0.533	0.533	51.9	-0.4	-0.6	0.0	0.0	0.0
1064	NW_060d	0.6	0.6	0.6	0.6	0.6	0.6	57.3	-0.4	-0.6	0.0	0.0	0.0
1065	NW_066d	0.666	0.666	0.666	0.666	0.666	0.666	61.7	-0.3	-0.4	0.0	0.0	0.0
1066	NW_073d	0.734	0.734	0.734	0.734	0.734	0.734	67.0	-0.3	-0.4	0.0	0.0	0.0
1067	NW_079d	0.79	0.79	0.79	0.79	0.79	0.79	72.1	-0.2	-0.2	0.0	0.0	0.0
1068	NW_086d	0.8	0.8	0.8	0.8	0.8	0.8	84.8	-0.2	-0.1	0.0	0.0	0.0
1069	NW_086d	0.866	0.866	0.866	0.866	0.866	0.866	89.3	-0.1	0.0	0.0	0.0	0.0
1070	NW_093d	0.933	0.933	0.933	0.933	0.933	0.933	92.2	0.0	0.0	0.0	0.0	0.0
1071	NW_100d	1.0	1.0	1.0	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0	0.0
1072	NW_006d	0.0	0.0	0.0	0.0	0.0	0.0	17.7	0.0	0.0	0.0	0.0	0.0
1073	NW_010d	0.1	0.1	0.1	0.1	0.1	0.1	20.0	0.1	0.5	0.5	78.4	2.3
1074	ROY_100_100d	1.0	0.0	1.0	0.0	1.0	0.0	95.4	0.0	0.0	0.0	0.0	0.0
1075	GS0B_100_100d	0.0	1.0	1.0	0.5	390	41.2	66.8	40.9	78.4	31.4	3.9	389
1076	Y06C_100_100d	1.0	1.0	1.0	0.5	210	28.4	236.1	-28.4	53.6	237.9	2.9	210
1077	B06C_100_100d	0.0	0.0	1.0	0.5	210	95.1	56.0	-45.4	96.5	1.3	89	1.3
1078	B08C_100_100d	0.0	0.0	1.0	0.5	270	47.3	87.3	-11.0	96.6	96.2	290.0	3.4
1079	B50R_100_100d	0.0	0.0	1.0	0.5	330	48.8	48.8	25.0	48.8	28.1	47.6	4.7
1079	B50R_100_100d	1.0	0.0	1.0	1.0	48.2	72.8	48.2	75.3	357.5	0.0	330	0.0

Mean color difference of this page: delta E\*\* = 4.2

input: rgb/cmyk -> rgbd output: transfer to cmykd

TUB-test chart QE64; hue code: H\*\_d=Y75G\_d colors and differences, delta E\*\*

