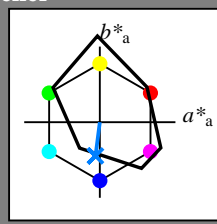


Input og output: Printer-Reflektiv-System FRS06a for relativ CIELAB fargetone  $h_{ab,a,rel} = h_{ab}/360 = 262/360 = 0.72$

$H^*_- = G75B_-$

Data for ethvert apparat (d) eller elementærfarge (e):  
 $HIC^*_-$   
fargetonetekst for fargene på denne siden:  
 $H^*_- = G75B_-$   
trekantslyshet  $T^*$



**FRS06a; adapterte (a) CIELAB data**

navn	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$
R <sub>-,Ma</sub>	32.5	62.3	46.4	77.7	36
Y <sub>-,Ma</sub>	82.7	-3.1	113.9	114.0	91
G <sub>-,Ma</sub>	39.4	-61.8	45.8	76.9	143
C <sub>-,Ma</sub>	47.8	-26.8	-34.2	43.4	231
B <sub>-,Ma</sub>	10.1	55.1	-61.0	82.2	312
M <sub>-,Ma</sub>	34.5	80.6	-33.9	87.5	337
N <sub>-,Ma</sub>	6.2	0.0	0.0	0.0	0
W <sub>-,Ma</sub>	91.9	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 maksimalfarge (Ma):

$LabCh^*_{-,Ma}$ : 45 -5 -44 44 262

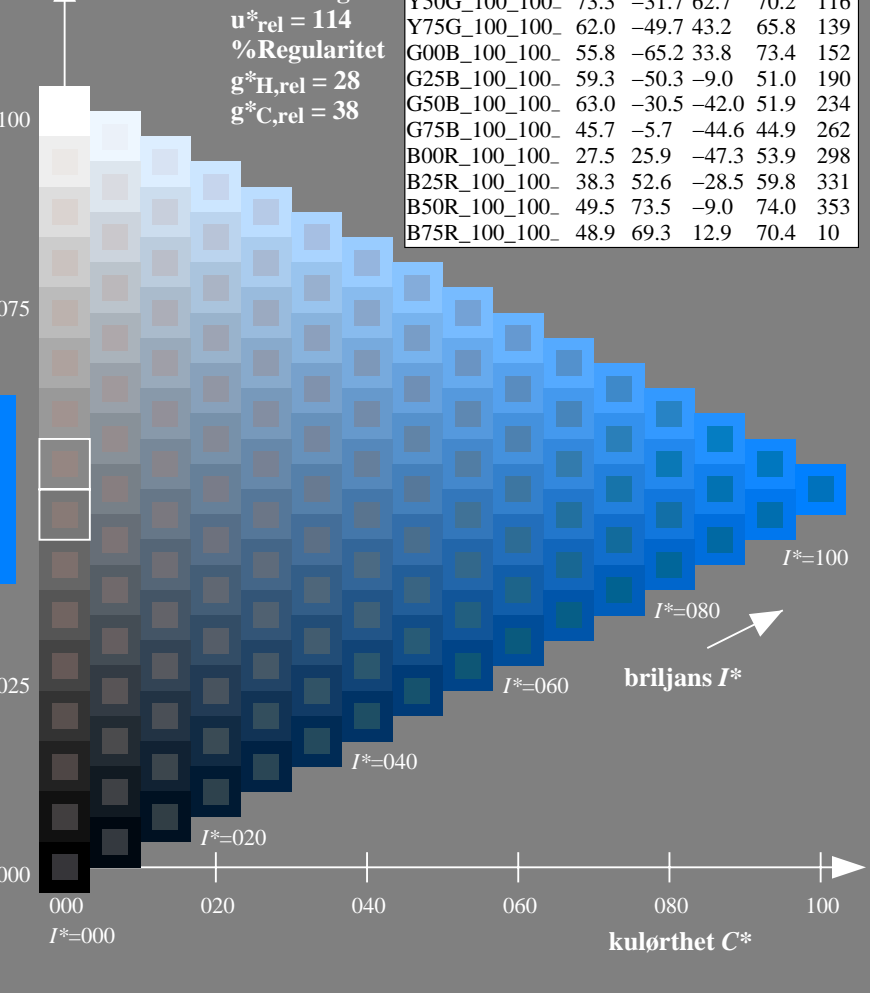
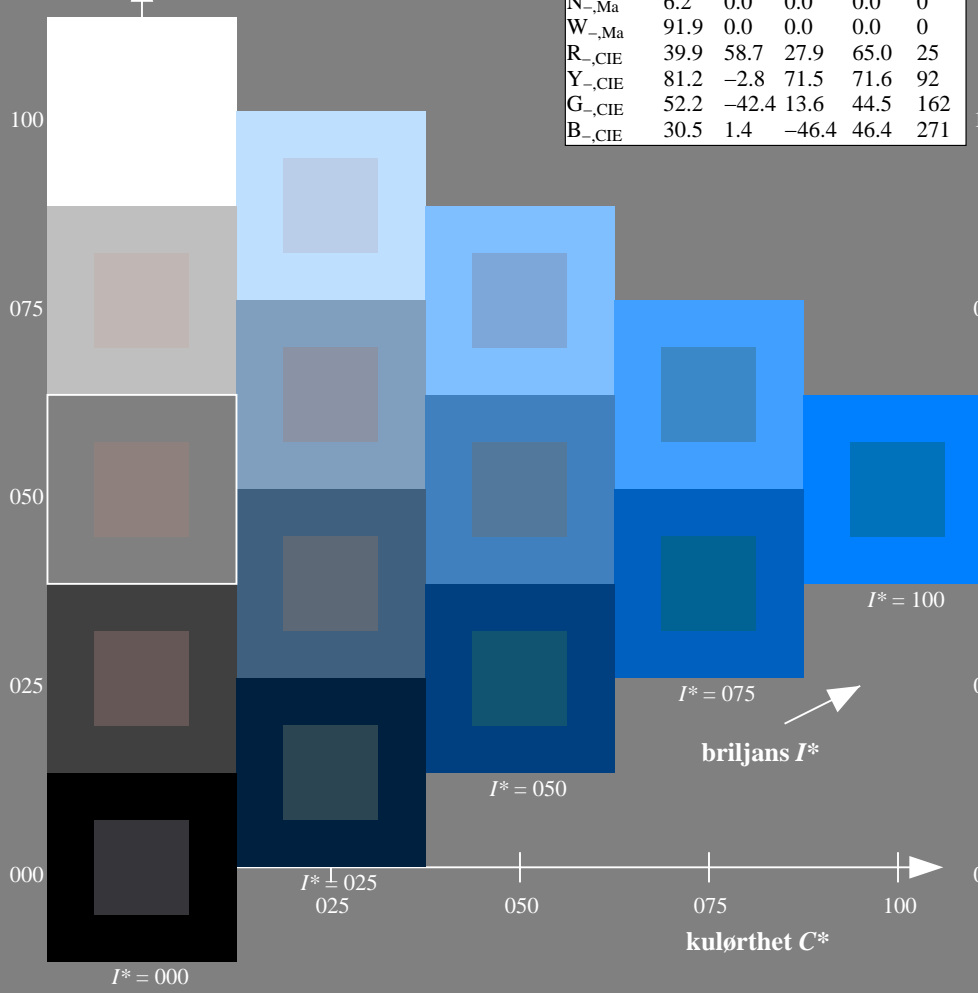
$HIC^*_{-,Ma}$ : G75B\_100\_100\_

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

trekantslyshet  $T^*$

**ORS20a; adapterte (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

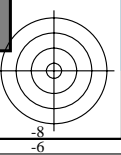
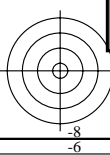


%Omfang  
 $u^*_{rel} = 114$   
%Regularitet  
 $g^*_{H,rel} = 28$   
 $g^*_{C,rel} = 38$

se liggende filer: <http://130.149.60.45/~farbmetrik/RN09/RN09.HTM>  
teknisk informasjon: <http://www.ps.bam.de> eller <http://130.149.60.45/~farbmetrik>

TUB registrering: 20150701-RN09/RN09LONP.PDF /.PS  
anvendelse for måling av laserprinter output

TUB-material: code=rh4ta

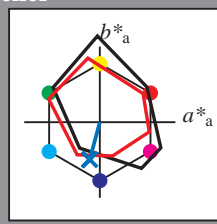


Input og output: Printer-Reflektiv-System FRS06a for relativ CIELAB fargetone  $h_{ab,a,rel} = h_{ab}/360 = 254/360 = 0.7$

$H^*_d = G75B_d$

Data for ethvert apparat (d) eller elementærfarge (e):

$HIC^*_d$   
fargetonetekst for fargene på denne siden:  
 $H^*_d = G75B_d$   
trekantslyshet  $T^*$



**LRS18a; adapterte (a) CIELAB data**

navn	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$
R <sub>d, Ma</sub>	47.5	57.2	37.8	68.6	33
Y <sub>d, Ma</sub>	91.5	-15.8	84.6	86.1	100
G <sub>d, Ma</sub>	54.3	-67.6	30.8	74.3	155
C <sub>d, Ma</sub>	53.1	-30.0	-43.1	52.5	235
B <sub>d, Ma</sub>	32.5	16.9	-44.6	47.7	290
M <sub>d, Ma</sub>	48.1	65.4	-12.7	66.6	348
N <sub>d, Ma</sub>	23.8	0.0	0.0	0.0	0
W <sub>d, Ma</sub>	95.8	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 maksimalfarge (Ma):

$LabCh^*_{d, Ma}$ : 46 -13 -49 51 254

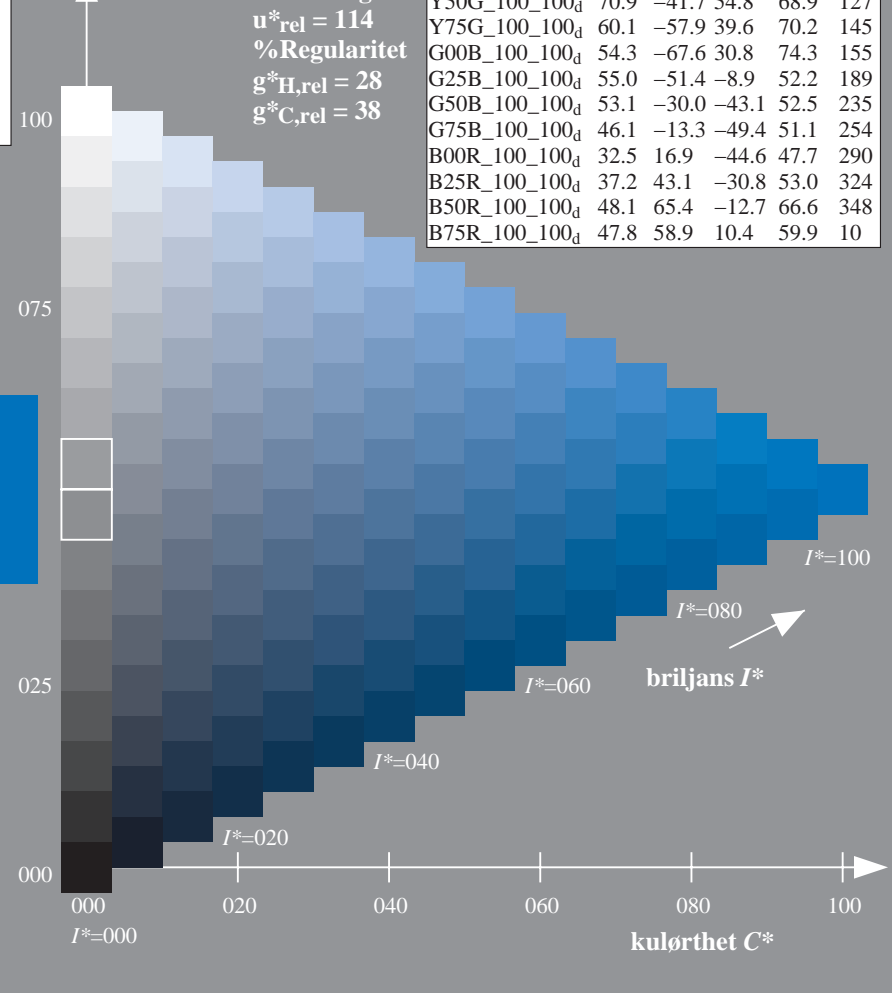
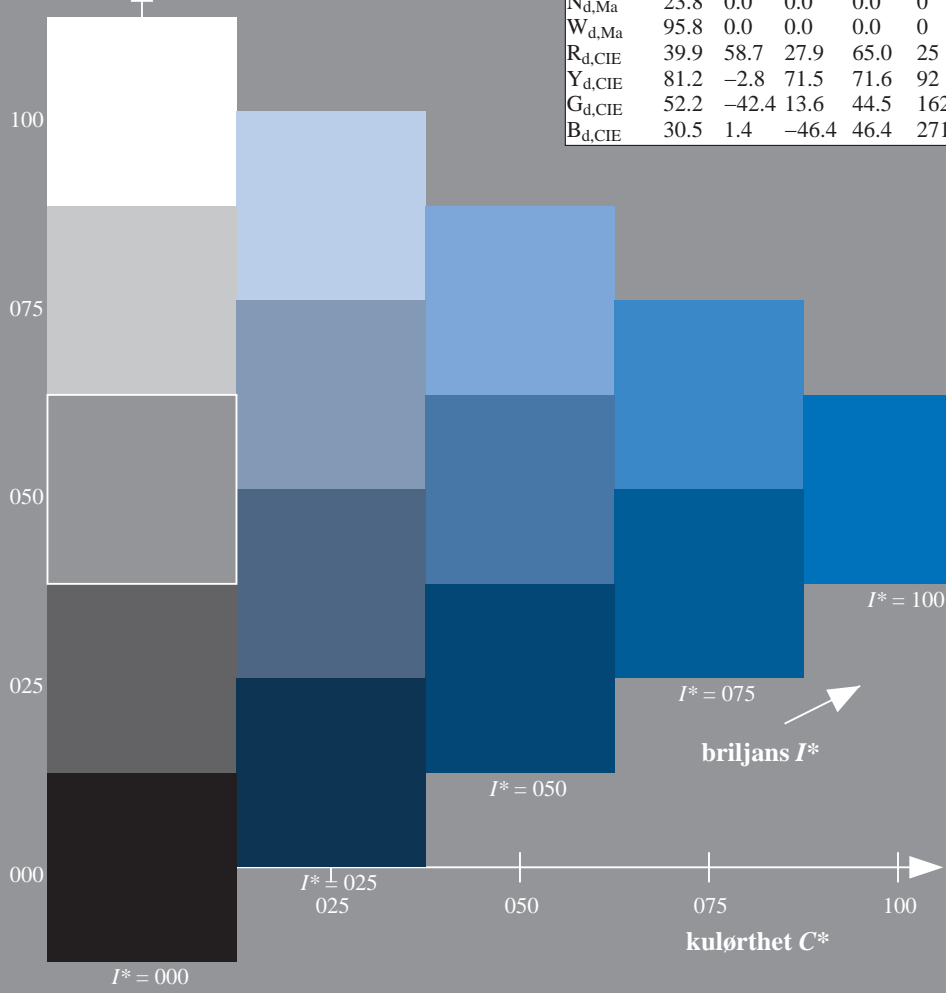
$HIC^*_{d, Ma}$ : G75B\_100\_100d

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

trekantslyshet  $T^*$

**LRS18a; adapterte (a) CIELAB data**

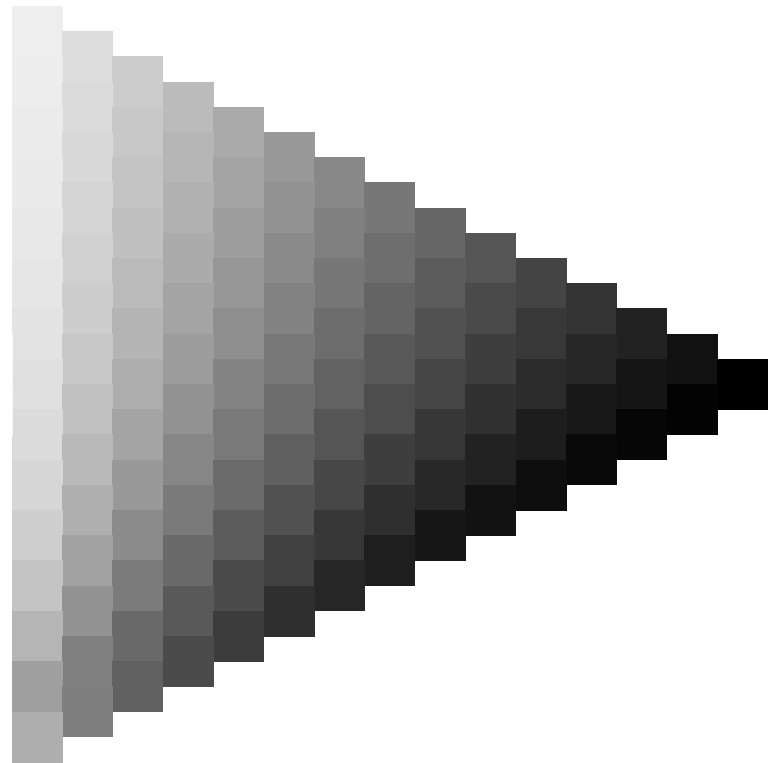
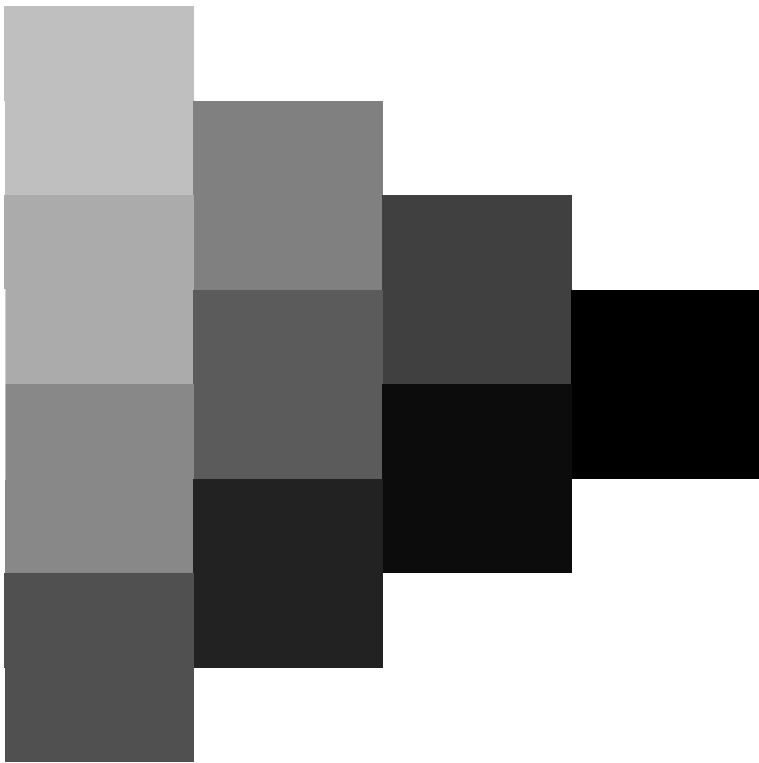
$H^*_d$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$
R00Y_100_100 <sub>d</sub>	47.5	57.2	37.8	68.6	33
R25Y_100_100 <sub>d</sub>	57.4	43.5	54.5	69.7	51
R50Y_100_100 <sub>d</sub>	70.5	19.2	66.2	69.0	73
R75Y_100_100 <sub>d</sub>	83.5	-2.9	76.8	76.9	92
Y00G_100_100 <sub>d</sub>	91.5	-15.8	84.6	86.1	100
Y25G_100_100 <sub>d</sub>	90.4	-20.9	86.5	89.0	103
Y50G_100_100 <sub>d</sub>	70.9	-41.7	54.8	68.9	127
Y75G_100_100 <sub>d</sub>	60.1	-57.9	39.6	70.2	145
G00B_100_100 <sub>d</sub>	54.3	-67.6	30.8	74.3	155
G25B_100_100 <sub>d</sub>	55.0	-51.4	-8.9	52.2	189
G50B_100_100 <sub>d</sub>	53.1	-30.0	-43.1	52.5	235
G75B_100_100 <sub>d</sub>	46.1	-13.3	-49.4	51.1	254
B00R_100_100 <sub>d</sub>	32.5	16.9	-44.6	47.7	290
B25R_100_100 <sub>d</sub>	37.2	43.1	-30.8	53.0	324
B50R_100_100 <sub>d</sub>	48.1	65.4	-12.7	66.6	348
B75R_100_100 <sub>d</sub>	47.8	58.9	10.4	59.9	10

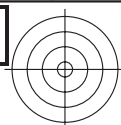


se liggende filer: <http://130.149.60.45/~farbmetrik/RN09/RN09.HTM>  
teknisk informasjon: <http://www.ps.bam.de> eller <http://130.149.60.45/~farbmetrik>

TUB registrering: 20150701-RN09/RN09LONP.PDF /.PS  
anvendelse for måling av laserprinter output, separasjon cmykn6 (CMYK)

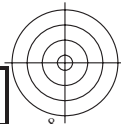
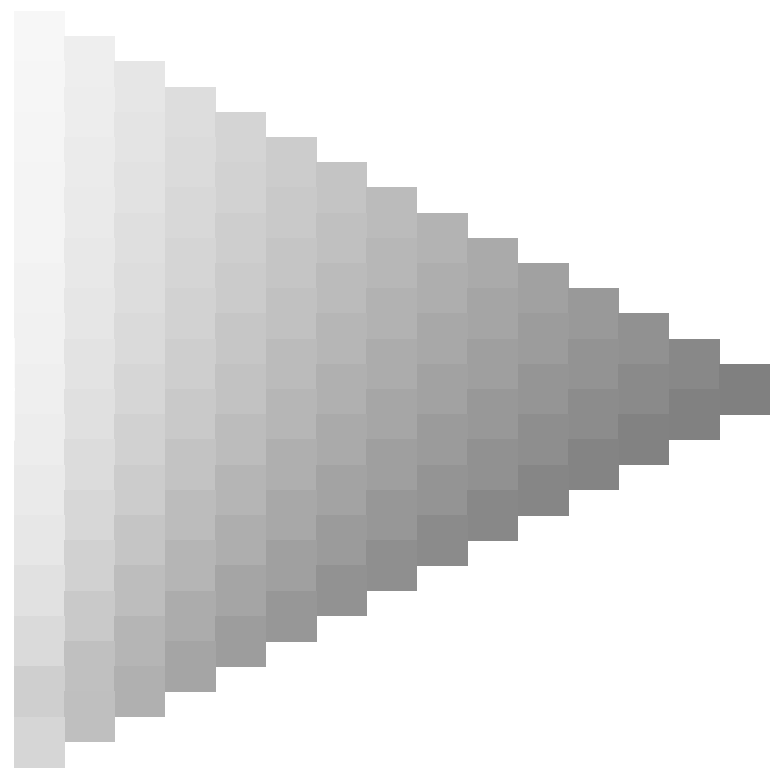
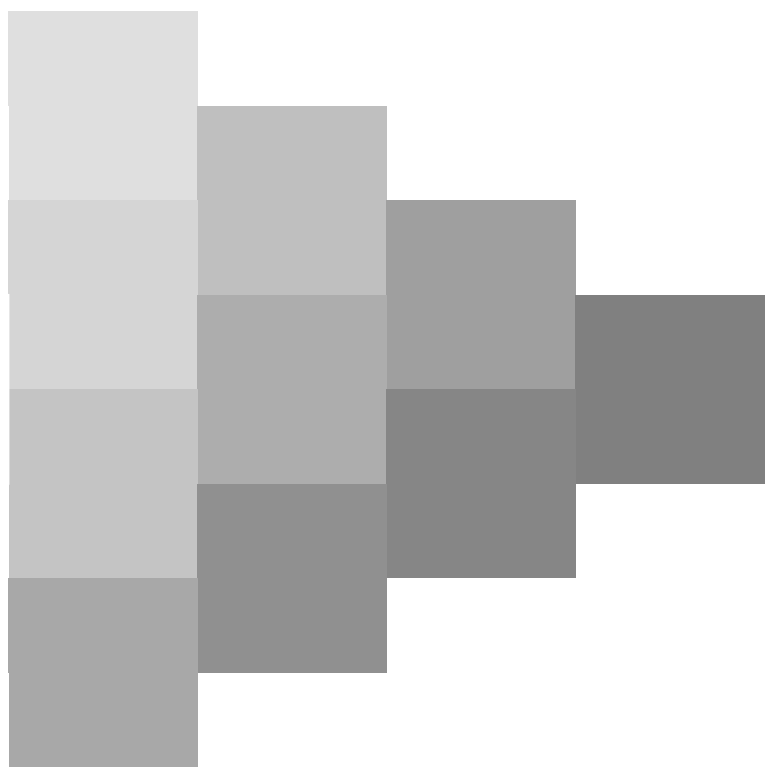
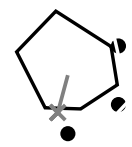
TUB-material: code=rh4ta





se lignende filer: <http://130.149.60.45/~farbmetrik/RN09/RN09.HTM>  
teknisk informasjon: <http://www.ps.bam.de> eller <http://130.149.60.45/~farbmetrik>

TUB registrering: 20150701-RN09/RN09L0NP.PDF /.PS TUB-material: code=rh4ta  
anvendelse for måling av laserprinter output, separasjon cmyk6 (CMYK)



5-003330-L0 RN090-70

TUB-prøveplansje RN09; farbetoneplan:  $H^*_d=G75B_d$   
prøveplansje infølge DIN 33872, 3D=0, de=0, cmyk

input: *rgb/cmyk* -> *rgb<sub>d</sub>*  
output: overføring til *cmyk<sub>d</sub>*

5-003330-F0



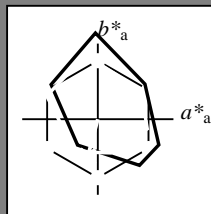


Input og output: Printer-Reflektiv-System FRS06a for relativ CIELAB fargetone  $h_{ab,a,rel} = h_{ab}/360 = 254/360 = 0.7$

$H^*_d = G75B_d$

Data for ethvert apparat (d) eller elementærfarge (e):

$HIC^*_d$   
 fargetonetekst for fargene på denne siden:  
 $H^*_d = G75B_d$   
 trekantslyshet  $T^*$



**LRS18a; adapterte (a) CIELAB data**

navn	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$
R <sub>d,Ma</sub>	47.5	57.2	37.8	68.6	33
Y <sub>d,Ma</sub>	91.5	-15.8	84.6	86.1	100
G <sub>d,Ma</sub>	54.3	-67.6	30.8	74.3	155
C <sub>d,Ma</sub>	53.1	-30.0	-43.1	52.5	235
B <sub>d,Ma</sub>	32.5	16.9	-44.6	47.7	290
M <sub>d,Ma</sub>	48.1	65.4	-12.7	66.6	348
N <sub>d,Ma</sub>	23.8	0.0	0.0	0.0	0
W <sub>d,Ma</sub>	95.8	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 maksimalfarge (Ma):

$LabCh^*_d, Ma: 46 -13 -49 51 254$

$HIC^*_d, Ma: G75B\_100\_100_d$

$rgbic^*_d, Ma:$

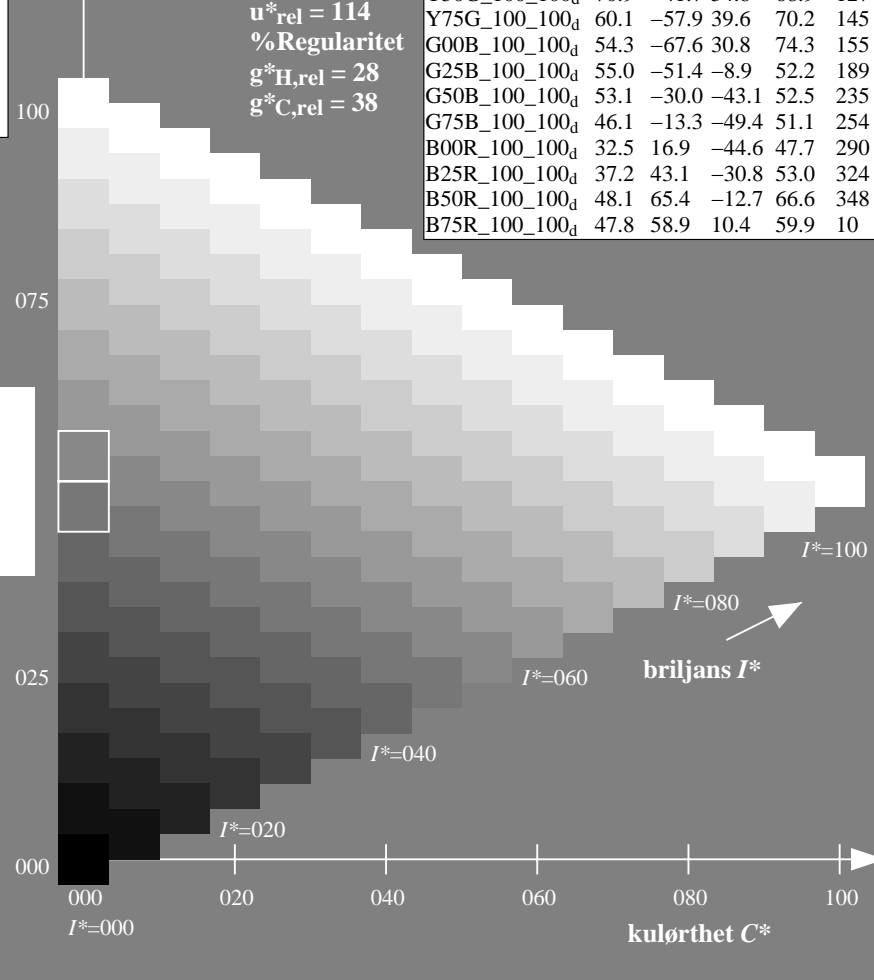
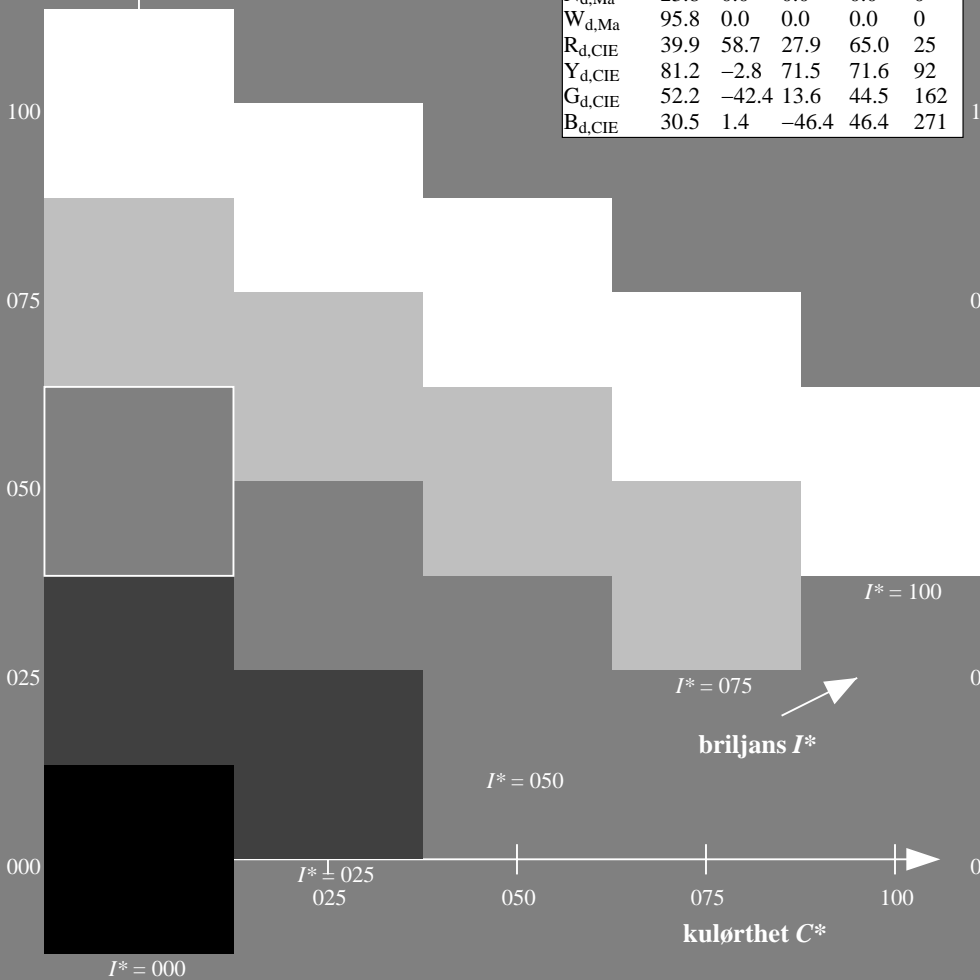
0.0 0.5 1.0 1.0 1.0

trekantslyshet  $T^*$

**LRS18a; adapterte (a) CIELAB data**

$H^*_d$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$
R00Y_100_100_d	47.5	57.2	37.8	68.6	33
R25Y_100_100_d	57.4	43.5	54.5	69.7	51
R50Y_100_100_d	70.5	19.2	66.2	69.0	73
R75Y_100_100_d	83.5	-2.9	76.8	76.9	92
Y00G_100_100_d	91.5	-15.8	84.6	86.1	100
Y25G_100_100_d	90.4	-20.9	86.5	89.0	103
Y50G_100_100_d	70.9	-41.7	54.8	68.9	127
Y75G_100_100_d	60.1	-57.9	39.6	70.2	145
G00B_100_100_d	54.3	-67.6	30.8	74.3	155
G25B_100_100_d	55.0	-51.4	-8.9	52.2	189
G50B_100_100_d	53.1	-30.0	-43.1	52.5	235
G75B_100_100_d	46.1	-13.3	-49.4	51.1	254
B00R_100_100_d	32.5	16.9	-44.6	47.7	290
B25R_100_100_d	37.2	43.1	-30.8	53.0	324
B50R_100_100_d	48.1	65.4	-12.7	66.6	348
B75R_100_100_d	47.8	58.9	10.4	59.9	10

%Omfang  
 $u^*_{rel} = 114$   
 %Regularitet  
 $g^*_{H,rel} = 28$   
 $g^*_{C,rel} = 38$



se liggende filer: <http://130.149.60.45/~farbmetrik/RN09/RN09.HTM>  
 teknisk informasjon: <http://www.ps.bam.de> eller <http://130.149.60.45/~farbmetrik>

TUB registrering: 20150701-RN09/RN09LONP.PDF /.PS  
 anvendelse for måling av laserprinter output, separasjon cmykn6 (CMYK)

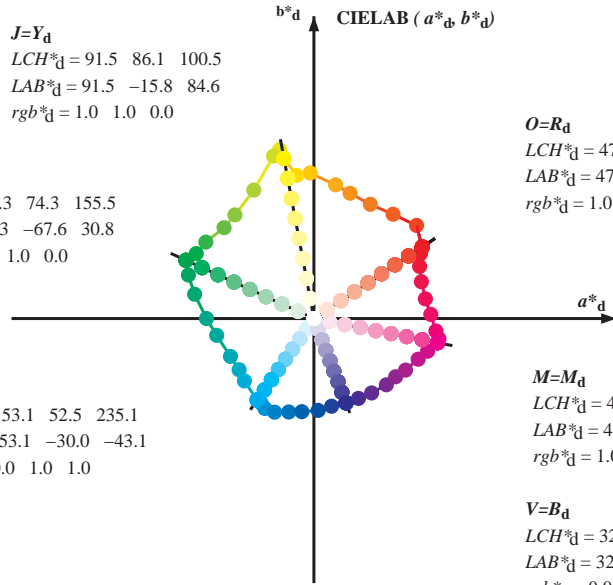
TUB-material: code=rh4ta

Data til maksimalfargen M in fargemetrisk system Laser printer output; separation cmy6\*, D65 for input eller output; Seks fargetonevinkler til 60 graders standardfargene RYGCMB<sub>s</sub>: h<sub>ab,ds</sub> = 30.0, 90.0, 150.0, 210.0, 270.0, 330.0; seks fargetonevinkler til apparatfargene RYGCMB<sub>d</sub>: h<sub>ab,d</sub> = 33.5, 100.6, 155.5, 235.2, 290.8, 348.9; seks fargetonevinkler til elementærfargene RYGCMB<sub>e</sub>: h<sub>ab,e</sub> = 25.5, 92.3, 162.2, 217.0, 271.7, 328.6

**J=Y<sub>d</sub>**  
 LCH\*<sub>d</sub> = 91.5 86.1 100.5  
 LAB\*<sub>d</sub> = 91.5 -15.8 84.6  
 rgb\*<sub>d</sub> = 1.0 1.0 0.0

**L=G<sub>d</sub>**  
 LCH\*<sub>d</sub> = 54.3 74.3 155.5  
 LAB\*<sub>d</sub> = 54.3 -67.6 30.8  
 rgb\*<sub>d</sub> = 0.0 1.0 0.0

**C=C<sub>d</sub>**  
 LCH\*<sub>d</sub> = 53.1 52.5 235.1  
 LAB\*<sub>d</sub> = 53.1 -30.0 -43.1  
 rgb\*<sub>d</sub> = 0.0 1.0 1.0



**O=R<sub>d</sub>**  
 LCH\*<sub>d</sub> = 47.5 68.6 33.4  
 LAB\*<sub>d</sub> = 47.5 57.2 37.8  
 rgb\*<sub>d</sub> = 1.0 0.0 0.0

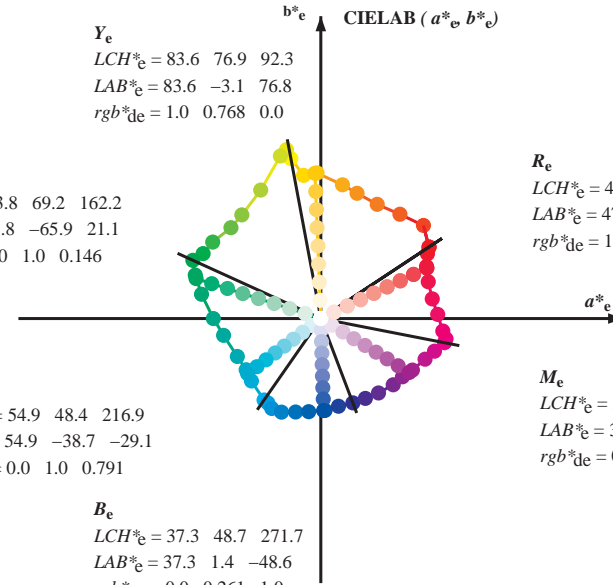
**M=M<sub>d</sub>**  
 LCH\*<sub>d</sub> = 48.1 66.6 348.9  
 LAB\*<sub>d</sub> = 48.1 65.4 -12.7  
 rgb\*<sub>d</sub> = 1.0 0.0 1.0

**V=B<sub>d</sub>**  
 LCH\*<sub>d</sub> = 32.5 47.7 290.8  
 LAB\*<sub>d</sub> = 32.5 16.9 -44.6  
 rgb\*<sub>d</sub> = 0.0 0.0 1.0

**Y<sub>e</sub>**  
 LCH\*<sub>e</sub> = 83.6 76.9 92.3  
 LAB\*<sub>e</sub> = 83.6 -3.1 76.8  
 rgb\*<sub>de</sub> = 1.0 0.768 0.0

**G<sub>e</sub>**  
 LCH\*<sub>e</sub> = 53.8 69.2 162.2  
 LAB\*<sub>e</sub> = 53.8 -65.9 21.1  
 rgb\*<sub>de</sub> = 0.0 1.0 0.146

**C<sub>e</sub>**  
 LCH\*<sub>e</sub> = 54.9 48.4 216.9  
 LAB\*<sub>e</sub> = 54.9 -38.7 -29.1  
 rgb\*<sub>de</sub> = 0.0 1.0 0.791



**R<sub>e</sub>**  
 LCH\*<sub>e</sub> = 47.5 62.1 25.4  
 LAB\*<sub>e</sub> = 47.5 56.0 26.7  
 rgb\*<sub>de</sub> = 1.0 0.0 0.263

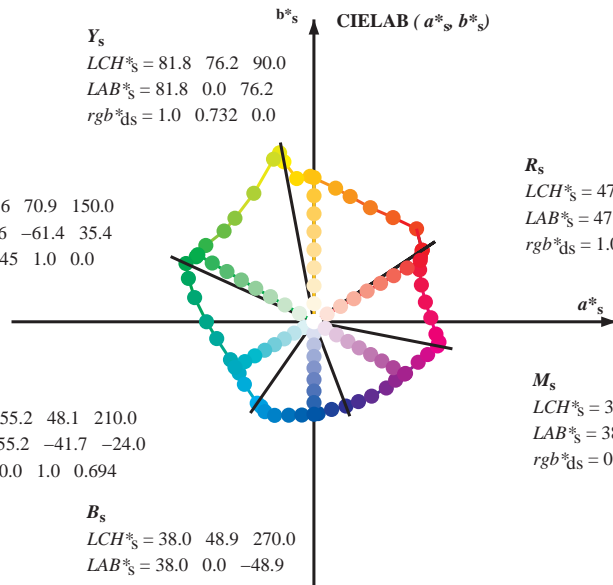
**M<sub>e</sub>**  
 LCH\*<sub>e</sub> = 38.5 54.7 328.6  
 LAB\*<sub>e</sub> = 38.5 46.7 -28.5  
 rgb\*<sub>de</sub> = 0.584 0.0 1.0

**B<sub>e</sub>**  
 LCH\*<sub>e</sub> = 37.3 48.7 271.7  
 LAB\*<sub>e</sub> = 37.3 1.4 -48.6  
 rgb\*<sub>de</sub> = 0.0 0.261 1.0

**Y<sub>s</sub>**  
 LCH\*<sub>s</sub> = 81.8 76.2 90.0  
 LAB\*<sub>s</sub> = 81.8 0.0 76.2  
 rgb\*<sub>ds</sub> = 1.0 0.732 0.0

**G<sub>s</sub>**  
 LCH\*<sub>s</sub> = 57.6 70.9 150.0  
 LAB\*<sub>s</sub> = 57.6 -61.4 35.4  
 rgb\*<sub>ds</sub> = 0.145 1.0 0.0

**C<sub>s</sub>**  
 LCH\*<sub>s</sub> = 55.2 48.1 210.0  
 LAB\*<sub>s</sub> = 55.2 -41.7 -24.0  
 rgb\*<sub>ds</sub> = 0.0 1.0 0.694



**R<sub>s</sub>**  
 LCH\*<sub>s</sub> = 47.6 65.0 30.0  
 LAB\*<sub>s</sub> = 47.6 56.3 32.5  
 rgb\*<sub>ds</sub> = 1.0 0.0 0.157

**M<sub>s</sub>**  
 LCH\*<sub>s</sub> = 38.9 55.3 330.0  
 LAB\*<sub>s</sub> = 38.9 47.9 -27.6  
 rgb\*<sub>ds</sub> = 0.612 0.0 1.0

**B<sub>s</sub>**  
 LCH\*<sub>s</sub> = 38.0 48.9 270.0  
 LAB\*<sub>s</sub> = 38.0 0.0 -48.9  
 rgb\*<sub>ds</sub> = 0.0 0.283 1.0

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

rgb\*<sub>e</sub> LCH\*<sub>s</sub>, LAB\*<sub>s</sub>

h<sub>ab,s</sub>, rgb\*<sub>s</sub>

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

h<sub>ab,s</sub>

s: h<sub>ab,i</sub> = 30.0, 90.0, 150.0, 210.0, 270.0, 330.0, 390.0 (i=0,6)

$$h_{48ab,sij} = h_{ab,si} + j [ h_{ab,si+1} - h_{ab,si} ] / 8 \quad (i = 0, 1, \dots, 5; j = 0, 1, \dots, 7) \quad (2)$$

$$h_{360ab,sij} = h_{ab,si} + j [ h_{ab,si+1} - h_{ab,si} ] / 60 \quad (i = 0, 1, \dots, 5; j = 0, 1, \dots, 59) \quad (3)$$

h<sub>ab,e</sub>

e: h<sub>ab,i</sub> = 25.5, 92.3, 162.2, 217.0, 271.7, 328.6, 385.5 (i=0,6)

$$h_{48ab,eij} = h_{ab,ei} + j [ h_{ab,ei+1} - h_{ab,ei} ] / 8 \quad (i = 0, 1, \dots, 5; j = 0, 1, \dots, 7) \quad (4)$$

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

h<sub>ab</sub>, h<sub>ab,d</sub>

rgb\*<sub>de</sub>

se liggende filer: http://130.149.60.45/~farbmetrik/RN09/RN09.HTM  
 teknisk informasjon: http://www.ps.bam.de eller http://130.149.60.45/~farbmetrik

TUB registrering: 20150701-RN09/RN09L0NP.PDF /.PS  
 anvendelse for måling av laserprinter output, separasjon cmy6 (CMYK)  
 TUB-material: code=rh4ta

Data til maksimumsfargen M i fargemetrisk system Laser printer output; separation cmyn6\*, D65 for input eller output; Seks fargetonevinkler til 60 graders standardfargene RYGBM<sub>c</sub>; h<sub>ab,ds</sub> = 30.0, 90.0, 150.0, 210.0, 270.0, 330.0; seks fargetonevinkler til apparatfargene RYGBM<sub>a</sub>; h<sub>ab,d</sub> = 33.5, 100.6, 155.5, 235.2, 290.8, 348.9; seks fargetonevinkler til elementærfargene RYGBM<sub>c</sub>; h<sub>ab,e</sub> = 25.5, 92.3, 162.2, 217.0, 271.7, 328.6

h <sub>ab,d</sub>	h <sub>ab,s</sub>	h <sub>ab,e</sub>	rgb* dd64M	LAB* ddx64M (x=LabCh)	rgb* dxx361M	LAB* dxx361M (x=LabCh)	rgb* dsx361M	LAB* dsx361M (x=LabCh)	rgb* dex361M	LAB* dex361M	rgb <sup>a</sup> dd	rgb <sup>a</sup> ds	rgb <sup>a</sup> de					
33.4	30.0	25.4	1.0	0.0	0.0	47.5	57.2	37.9	68.6	33	1.0	0.0	0.0	26.7	62.1	25		
42.1	37.5	33.8	1.0	0.125	0.0	51.9	54.3	49.2	73.2	42.1	1.0	0.0	0.012	47.6	57.2	37.5	68.4	33
52.8	45.0	42.1	1.0	0.25	0.0	58.2	41.8	55.1	69.2	52.8	1.0	0.0	0.025	52.0	54.3	49.2	73.2	42
63.7	52.5	50.5	1.0	0.375	0.0	64.6	29.8	60.4	67.3	63.7	1.0	0.0	0.0375	56.6	45.2	53.9	70.3	49
73.8	60.0	58.8	1.0	0.5	0.0	70.5	19.2	66.3	69.0	73.8	1.0	0.0	0.05	61.8	35.2	58.4	68.2	58
80.7	67.5	67.2	1.0	0.625	0.0	74.9	11.4	70.7	71.6	80.7	1.0	0.0	0.0625	66.4	26.9	62.3	67.9	66
91.5	75.0	75.6	1.0	0.75	0.0	82.9	-2.0	76.9	77.0	91.5	1.0	0.0	0.075	71.6	17.3	67.5	69.7	75
96.8	82.5	83.9	1.0	0.875	0.0	87.6	-9.0	75.7	76.3	96.8	1.0	0.0	0.0875	76.9	8.4	72.5	73.0	83
100.5	90.0	92.3	1.0	1.0	0.0	91.5	-15.8	84.6	86.1	100.5	1.0	0.0	0.0	83.7	-3.0	76.8	76.9	92
101.4	97.5	101.0	0.875	1.0	0.0	92.8	-18.1	89.4	91.2	101.4	0.883	1.0	0.0	91.5	-15.5	84.4	85.8	100
103.9	105.0	109.7	0.75	1.0	0.0	90.1	-21.3	86.0	88.6	103.9	0.75	1.0	0.0	84.7	-27.5	76.7	81.5	109
115.0	112.5	118.5	0.625	1.0	0.0	79.9	-31.7	67.9	75.0	115.0	0.633	1.0	0.0	77.8	-34.4	65.0	73.6	117
127.3	120.0	127.2	0.5	1.0	0.0	70.9	-41.7	54.8	68.9	127.3	0.5	1.0	0.0	71.0	-41.6	54.9	68.9	127
134.7	127.5	136.0	0.375	1.0	0.0	66.5	-47.5	48.0	67.6	134.7	0.383	1.0	0.0	66.2	-48.2	47.6	67.8	135
144.7	135.0	144.7	0.25	1.0	0.0	60.6	-57.2	40.4	70.1	144.7	0.25	1.0	0.0	60.6	-57.1	40.5	70.1	144
151.0	142.5	153.4	0.125	1.0	0.0	57.0	-62.2	34.4	71.1	151.0	0.133	1.0	0.0	55.9	-64.4	33.0	72.5	152
155.5	150.0	162.2	0.0	1.0	0.0	54.3	-67.6	30.8	74.3	155.5	0.0	1.0	0.0	53.8	-65.9	21.1	69.3	162
160.8	157.5	169.0	0.0	1.0	0.125	53.8	-66.4	23.5	70.6	160.8	0.0	1.0	0.117	53.9	-66.3	28.6	73.2	157
168.5	165.0	175.9	0.0	1.0	0.25	53.7	-63.1	12.8	64.4	168.5	0.0	1.0	0.25	53.8	-64.7	17.4	67.1	165
179.9	172.5	182.7	0.0	1.0	0.375	54.7	-56.8	0.0	56.8	179.9	0.0	1.0	0.367	54.7	-57.2	0.8	57.3	179
189.8	180.0	189.6	0.0	1.0	0.5	55.0	-51.4	-8.9	52.2	189.8	0.0	1.0	0.5	55.0	-51.4	-8.8	52.2	189
204.4	187.5	196.4	0.0	1.0	0.625	55.3	-44.1	-20.0	48.5	204.4	0.0	1.0	0.617	55.3	-44.6	-19.3	48.8	203
214.4	195.0	203.2	0.0	1.0	0.75	55.2	-39.5	-27.1	47.9	214.4	0.0	1.0	0.75	55.2	-39.4	-27.0	47.9	214
221.9	202.5	210.1	0.0	1.0	0.875	54.4	-36.7	-33.0	49.4	221.9	0.0	1.0	0.867	54.5	-36.9	-32.6	49.4	221
235.1	210.0	216.9	0.0	1.0	1.0	53.1	-30.0	-43.1	52.5	235.1	0.0	1.0	1.0	53.1	-29.9	-43.0	52.5	235
237.9	217.5	223.8	0.0	0.875	1.0	53.1	-27.9	-44.7	52.7	237.9	0.0	0.883	1.0	53.1	-28.0	-44.5	52.8	237
241.3	225.0	230.6	0.0	0.75	1.0	52.9	-25.9	-47.5	54.2	241.3	0.0	0.75	1.0	52.9	-25.8	-47.5	54.2	241
247.2	232.5	237.5	0.0	0.625	1.0	50.5	-20.8	-49.5	53.7	247.2	0.0	0.633	1.0	50.7	-21.1	-49.3	53.8	246
254.9	240.0	244.3	0.0	0.5	1.0	46.1	-13.3	-49.4	51.1	254.9	0.0	0.5	1.0	46.2	-13.2	-49.3	51.2	254
262.6	247.5	251.2	0.0	0.375	1.0	41.4	-6.3	-49.2	49.6	262.6	0.0	0.383	1.0	41.7	-6.7	-49.2	49.8	262
272.6	255.0	258.0	0.0	0.25	1.0	36.8	2.2	-48.5	48.6	272.6	0.0	0.25	1.0	36.9	2.2	-48.5	48.6	272
281.4	262.5	264.8	0.0	0.125	1.0	35.0	9.4	-46.3	47.3	281.4	0.0	0.133	1.0	35.2	8.9	-46.5	47.4	280
290.8	270.0	271.7	0.0	0.0	1.0	32.5	16.9	-44.6	47.7	290.8	0.0	0.0	1.0	32.6	16.9	-44.5	47.7	290
299.2	277.5	278.8	0.125	0.0	1.0	31.6	23.6	-42.2	48.4	299.2	0.117	0.0	1.0	31.7	23.2	-42.3	48.4	298
307.8	285.0	285.9	0.25	0.0	1.0	31.0	30.5	-39.3	49.8	307.8	0.25	0.0	1.0	31.0	30.6	-39.3	49.9	307
317.5	292.5	293.0	0.375	0.0	1.0	34.2	38.2	-35.0	51.8	317.5	0.367	0.0	1.0	34.0	37.8	-35.3	51.7	316
324.4	300.0	300.1	0.5	0.0	1.0	37.2	43.1	-30.8	53.0	324.4	0.5	0.0	1.0	37.2	43.2	-30.8	53.1	324
330.6	307.5	307.2	0.625	0.0	1.0	39.1	48.4	-27.2	55.6	330.6	0.617	0.0	1.0	39.0	48.1	-27.4	55.4	330
338.7	315.0	314.3	0.75	0.0	1.0	41.8	55.1	-21.4	59.1	338.7	0.75	0.0	1.0	41.9	55.2	-21.4	59.2	338
343.9	322.5	321.4	0.875	0.0	1.0	45.6	60.1	-17.3	62.6	343.9	0.867	0.0	1.0	45.4	59.8	-17.5	62.4	343
348.9	330.0	328.6	1.0	0.0	1.0	48.1	65.4	-12.7	66.6	348.9	1.0	0.0	1.0	48.2	65.4	-12.7	66.7	348
350.7	337.5	335.7	1.0	0.0	0.875	49.5	66.1	-10.7	67.0	350.7	1.0	0.0	0.883	49.5	66.1	-10.8	67.0	350
354.2	345.0	342.8	1.0	0.0	0.75	49.3	64.5	-6.5	64.8	354.2	1.0	0.0	0.75	49.3	64.6	-6.5	64.9	354
361.9	352.5	349.9	1.0	0.0	0.625	48.0	61.8	2.1	61.8	361.9	1.0	0.0	0.633	48.1	62.0	1.6	62.0	361
370.0	360.0	357.0	1.0	0.0	0.5	47.8	58.9	10.4	59.9	370.0	1.0	0.0	0.5	47.8	59.0	10.4	59.9	370
378.9	367.5	364.1	1.0	0.0	0.375	47.4	56.8	19.5	60.0	378.9	1.0	0.0	0.383	47.4	57.0	18.9	60.1	378
386.2	375.0	371.2	1.0	0.0	0.25	47.5	55.9	27.5	62.3	386.2	1.0	0.0	0.25	47.6	55.9	27.6	62.4	386
391.3	382.5	378.3	1.0	0.0	0.125	47.6	56.3	34.2	65.9	391.3	1.0	0.0	0.133	47.7	56.4	33.8	65.7	390
393.4	390.0	385.4	1.0	0.0	0.0	47.5	57.2	37.8	68.6	393.4	1.0	0.0	0.0	47.6	57.2	37.9	68.6	393

5-003730-L0 RN090-70 LAB\*la0, YN=0%, XYZnw=3.9, 4.1, 4.1, 84.7, 89.6, 93.9, LAB\*nmw=23.9, 0.0, 0.0, 95.8, 0.0, 0.0

output: Laser printer output; separation cmyn6\*, D65, side 8/33

TUB-prøveplansje RN09; farbetoneplan: H\*<sub>d</sub>=G75B<sub>d</sub>  
48-trinns fargetonesirkel; rgb-LabCh\*tabeller

input: rgb/cmyk -> rgb<sub>d</sub>  
output: overføring til cmyk<sub>d</sub>

se liggende filer: http://130.149.60.45/~farbmetrik/RN09/RN09LONP.PDF /.PS  
teknisk informasjon: http://www.ps.bam.de eller http://130.149.60.45/~farbmetrik

TUB registrering: 20150701-RN09/RN09LONP.PDF /.PS  
anvendelse for måling av laserprinter output, separasjon cmyn6 (CMYK)  
TUB-material: code=rh4ta







Data til maksimumsfargen M in fargegmetrisk system Laser printer output; separation cmy6; D65 for input eller output; Seks fargetonevinkler til 60 graders standardfargene RYGCMBc; hab,ds = 30.0, 90.0, 150.0, 210.0, 270.0, 330.0; seks fargetonevinkler til apparatfargene RYGCMBa; hab,d = 33.5, 100.6, 155.5, 235.2, 290.8, 348.9; seks fargetonevinkler til elementærfargene RYGCMBc; hab,e = 25.5, 92.3, 162.2, 217.0, 271.7, 328.6

Table with 16 columns representing different color models (h\_ab,d, h\_ab,s, h\_ab,e, rgbb\*dd361Mi, LAB\*dsx361Mi, rgbb\*ds361Mi, LAB\*dsx361Mi, rgbb\*dd361Mi, LAB\*de361Mi, rgbb\*dex361Mi, Yd, Ys, Ye) and 127 rows of color separation data for various color targets (e.g., 92, 93, 94, etc.).

Data til maksimalfargen M i fargemetrisk system Laser printer output; separation cmy<sub>6</sub>\*; D65 for input eller output; Seks fargetonevinkler til 60 graders standardfargene RY<sub>GCBM</sub><sub>c</sub>; h<sub>ab,ds</sub> = 30.0, 90.0, 150.0, 210.0, 270.0, 330.0; seks fargetonevinkler til apparatfargene RY<sub>GCBM</sub><sub>a</sub>; h<sub>ab,d</sub> = 33.5, 100.6, 155.5, 235.2, 290.8, 348.9; seks fargetonevinkler til elementærfargene RY<sub>GCBM</sub><sub>e</sub>; h<sub>ab,e</sub> = 25.5, 92.3, 162.2, 217.0, 271.7, 328.6

h <sub>ab,d</sub>	h <sub>ab,s</sub>	h <sub>ab,e</sub>	rgb* <sub>dd361M</sub>	LAB* <sub>ddx361Mi (x=LabCh)</sub>	rgb* <sub>ds361Mi</sub>	LAB* <sub>dsx361Mi (x=LabCh)</sub>	rgb* <sub>dd361Mi</sub>	LAB* <sub>de361Mi</sub>	rgb* <sub>dex361Mi (x=LabCh)</sub>	rgb* <sub>dd361Mi</sub>	LAB* <sub>de361Mi</sub>	rgb* <sub>dd361Mi</sub>	rgb* <sub>dd</sub>	rgb* <sub>ds</sub>	rgb* <sub>de</sub>
127	120	127	0.5	1.0	0.0	70.9	-41.7	54.8	68.9	127	0.5	1.0	0.0		
128	121	128	0.483	1.0	0.0	70.4	-42.6	53.9	68.7	128	0.483	1.0	0.0		
129	122	129	0.466	1.0	0.0	69.8	-43.4	53.0	68.5	129	0.466	1.0	0.0		
130	123	130	0.45	1.0	0.0	69.2	-44.2	52.1	68.3	130	0.45	1.0	0.0		
131	124	131	0.433	1.0	0.0	68.6	-45.0	51.2	68.2	131	0.433	1.0	0.0		
132	125	132	0.416	1.0	0.0	68.0	-45.7	50.3	68.0	132	0.416	1.0	0.0		
133	126	133	0.4	1.0	0.0	67.4	-46.5	49.4	67.8	133	0.4	1.0	0.0		
134	127	134	0.383	1.0	0.0	66.8	-47.2	48.5	67.7	134	0.383	1.0	0.0		
135	128	135	0.366	1.0	0.0	66.1	-48.2	47.5	67.7	135	0.366	1.0	0.0		
136	129	136	0.35	1.0	0.0	65.4	-49.5	46.6	68.1	136	0.35	1.0	0.0		
138	130	138	0.333	1.0	0.0	64.6	-50.9	45.7	68.4	138	0.333	1.0	0.0		
139	131	140	0.316	1.0	0.0	63.8	-52.2	44.7	68.7	139	0.316	1.0	0.0		
140	132	141	0.3	1.0	0.0	63.0	-53.5	43.7	69.1	140	0.3	1.0	0.0		
142	133	142	0.283	1.0	0.0	62.2	-54.7	42.6	69.4	142	0.283	1.0	0.0		
143	134	143	0.266	1.0	0.0	61.4	-56.0	41.5	69.7	143	0.266	1.0	0.0		
144	135	144	0.25	1.0	0.0	60.6	-57.2	40.4	70.1	144	0.25	1.0	0.0		
145	136	145	0.233	1.0	0.0	60.1	-57.9	39.6	70.2	145	0.233	1.0	0.0		
146	137	147	0.216	1.0	0.0	59.6	-58.6	38.9	70.3	146	0.216	1.0	0.0		
147	138	148	0.2	1.0	0.0	59.1	-59.3	38.1	70.5	147	0.2	1.0	0.0		
148	139	149	0.183	1.0	0.0	58.7	-59.9	37.3	70.6	148	0.183	1.0	0.0		
148	140	150	0.166	1.0	0.0	58.2	-60.6	36.4	70.7	148	0.166	1.0	0.0		
149	141	151	0.15	1.0	0.0	57.7	-61.2	35.6	70.9	149	0.15	1.0	0.0		
150	142	152	0.133	1.0	0.0	57.2	-61.9	34.8	71.0	150	0.133	1.0	0.0		
151	143	154	0.116	1.0	0.0	56.8	-62.5	34.1	71.3	151	0.116	1.0	0.0		
151	144	155	0.1	1.0	0.0	56.4	-63.3	33.7	71.7	151	0.1	1.0	0.0		
152	145	156	0.083	1.0	0.0	56.1	-64.0	33.2	72.1	152	0.083	1.0	0.0		
153	146	157	0.066	1.0	0.0	55.7	-64.7	32.8	72.6	153	0.066	1.0	0.0		
153	147	158	0.049	1.0	0.0	55.4	-65.5	32.3	73.0	153	0.049	1.0	0.0		
154	148	159	0.033	1.0	0.0	55.0	-66.2	31.8	73.5	154	0.033	1.0	0.0		
154	149	161	0.016	1.0	0.0	54.7	-66.9	31.3	73.9	154	0.016	1.0	0.0		
155	150	162	0.0	1.0	0.0	54.3	-67.6	30.8	74.3	155	0.0	1.0	0.0		
156	151	163	0.0	1.0	0.016	54.2	-67.5	29.7	73.8	156	0.0	1.0	0.017		
156	152	164	0.0	1.0	0.033	54.2	-67.4	28.6	73.2	156	0.0	1.0	0.033		
157	153	164	0.0	1.0	0.05	54.1	-67.2	27.6	72.7	157	0.0	1.0	0.05		
158	154	165	0.0	1.0	0.066	54.0	-67.1	26.6	72.1	158	0.0	1.0	0.067		
159	155	166	0.0	1.0	0.083	53.9	-66.9	25.5	71.6	159	0.0	1.0	0.083		
159	156	167	0.0	1.0	0.1	53.9	-66.7	24.5	71.1	159	0.0	1.0	0.1		
160	157	168	0.0	1.0	0.116	53.8	-66.5	23.5	70.5	160	0.0	1.0	0.117		
161	158	169	0.0	1.0	0.133	53.8	-66.2	22.3	69.9	161	0.0	1.0	0.133		
162	159	170	0.0	1.0	0.15	53.8	-65.8	20.8	69.1	162	0.0	1.0	0.15		
163	160	171	0.0	1.0	0.166	53.8	-65.5	19.4	68.3	163	0.0	1.0	0.167		
164	161	172	0.0	1.0	0.183	53.8	-65.0	18.1	67.5	164	0.0	1.0	0.183		
165	162	173	0.0	1.0	0.2	53.8	-64.6	16.7	66.7	165	0.0	1.0	0.2		
166	163	174	0.0	1.0	0.216	53.7	-64.1	15.4	66.0	166	0.0	1.0	0.217		
167	164	175	0.0	1.0	0.233	53.7	-63.6	14.1	65.2	167	0.0	1.0	0.233		
168	165	175	0.0	1.0	0.25	53.7	-63.1	12.8	64.4	168	0.0	1.0	0.25		

5-0031130-L0 RN090-70 LAB\*la, YN=0%, XYZnw=3.9, 4.1, 4.1, 84.7, 89.6, 93.9, LAB\*nmw=23.9, 0.0, 0.0, 95.8, 0.0, 0.0

output: Laser printer output; separation cmy<sub>6</sub>\*; D65, side 12/33

TUB-prøveplansje RN09; farbetoneplan: H\*<sub>d</sub>=G75B<sub>d</sub>  
48-trinns fargetonesirkel; rgb-LabCh\*tabeller

input: rgb/cmyk -> rgb<sub>d</sub>  
output: overføring til cmyk<sub>d</sub>

TUB registrering: 20150701-RN09/RN09LONP.PDF /.PS  
anvendelse for måling av laserprinter output, separasjon cmy<sub>6</sub> (CMYK)  
TUB-material: code=rh4ta

se liggende filer: http://130.149.60.45/~farbmetrik/RN09/RN09.HTM  
teknisk informasjon: http://www.ps.bam.de eller http://130.149.60.45/~farbmetrik





Data til maksimalfargen M in fargemetrisk system Laser printer output; separation cmy6\*; D65 for input eller output; Seks fargetonevinkler til 60 graders standardfargene RYGCBM<sub>c</sub>; h<sub>ab,ds</sub> = 30.0, 90.0, 150.0, 210.0, 270.0, 330.0; seks fargetonevinkler til apparatfargene RYGCBM<sub>a</sub>; h<sub>ab,d</sub> = 33.5, 100.6, 155.5, 235.2, 290.8, 348.9; seks fargetonevinkler til elementærfargene RYGCBM<sub>e</sub>; h<sub>ab,e</sub> = 25.5, 92.3, 162.2, 217.0, 271.7, 328.6

Table with 24 columns: h<sub>ab,d</sub>, h<sub>ab,s</sub>, h<sub>ab,e</sub>, rgbb\*dd361M, LAB\*<sub>d</sub>dx361Mi (x=LabCh), rgbb\*ds361Mi, LAB\*<sub>s</sub>dsx361Mi (x=LabCh), rgbb\*dd361Mi, rgbb\*de361Mi, LAB\*<sub>e</sub>dex361Mi (x=LabCh), rgbb\*dd361Mi, rgbb\*<sub>dd</sub>, rgbb\*<sub>ds</sub>, rgbb\*<sub>de</sub>. Rows 272-324.

5-0031430-L0 RN090-70 LAB\*la0, YN=0%, XYZnw=3.9, 4.1, 4.1, 84.7, 89.6, 93.9, LAB\*<sub>nw</sub>=23.9, 0.0, 0.0, 95.8, 0.0, 0.0

output: Laser printer output; separation cmy6\*, D65, side 15/33

TUB-prøveplandsje RN09; farbetoneplan: H\*<sub>d</sub>=G75B<sub>d</sub>  
48-trinns fargetonesirkel; rgb-LabCh\*tabeller

input: rgb/cmyk -> rgb<sub>d</sub>  
output: overføring til cmyk<sub>d</sub>

se liggende filer: http://130.149.60.45/~farbmetrik/RN09/RN09.HTM  
teknisk informasjon: http://www.ps.bam.de eller http://130.149.60.45/~farbmetrik

TUB registrering: 20150701-RN09/RN09LONP.PDF /.PS  
anvendelse for måling av laserprinter output, separasjon cmy6 (CMYK)  
TUB-material: code=rh4ta

Data til maksimalfargen M i fargemetrisk system Laser printer output; separation cmy<sub>6</sub>\*; D65 for input eller output; Seks fargetonevinkler til 60 graders standardfargene RY<sub>6</sub>CBM<sub>c</sub>; h<sub>ab,ds</sub> = 30.0, 90.0, 150.0, 210.0, 270.0, 330.0; seks fargetonevinkler til apparatfargene RY<sub>6</sub>CBM<sub>a</sub>; h<sub>ab,d</sub> = 33.5, 100.6, 155.5, 235.2, 290.8, 348.9; seks fargetonevinkler til elementærfargene RY<sub>6</sub>CBM<sub>e</sub>; h<sub>ab,e</sub> = 25.5, 92.3, 162.2, 217.0, 271.7, 328.6

Table with 30 columns: h<sub>ab,d</sub>, h<sub>ab,s</sub>, h<sub>ab,e</sub>, r<sub>gb</sub>\*\_dd361M, LAB\*\_ddx361Mi (x=LabCh), r<sub>gb</sub>\*\_ds361Mi, LAB\*\_dsx361Mi (x=LabCh), r<sub>gb</sub>\*\_dd361Mi, r<sub>gb</sub>\*\_de361Mi, LAB\*\_dex361Mi (x=LabCh), r<sub>gb</sub>\*\_dd361Mi. Rows 324-354.

5-0031530-L0 RN090-70 LAB\*la0, YN=0%, XYZnw=3.9, 4.1, 4.1, 84.7, 89.6, 93.9, LAB\*nmw=23.9, 0.0, 0.0, 95.8, 0.0, 0.0

output: Laser printer output; separation cmy<sub>6</sub>\*; D65, side 16/33

TUB-prøveplansje RN09; farbetoneplan: H\*<sub>d</sub>=G75B<sub>d</sub> 48-trinns fargetonesirkel; r<sub>gb</sub>-LabCh\*tabeller

input: r<sub>gb</sub>/cmyk -> r<sub>gb</sub><sub>d</sub> output: overføring til cmyk<sub>d</sub>

teknisk informasjon: http://www.ps.bam.de eller http://130.149.60.45/~farbmetrik

TUB registrering: 20150701-RN09/RN09LONP.PDF /.PS anvendelse for måling av laserprinter output, separasjon cmy<sub>6</sub> (CMYK) TUB-material: code=rh4ta



Data til maksimalfargen M i fargemetrisk system Laser printer output; separation cmy<sub>6</sub>\*; D65 for input eller output; Seks fargetonevinkler til 60 graders standardfargene RY<sub>6</sub>CBM<sub>c</sub>; h<sub>ab,ds</sub> = 30.0, 90.0, 150.0, 210.0, 270.0, 330.0; seks fargetonevinkler til apparatfargene RY<sub>6</sub>CBM<sub>a</sub>; h<sub>ab,d</sub> = 33.5, 100.6, 155.5, 235.2, 290.8, 348.9; seks fargetonevinkler til elementærfargene RY<sub>6</sub>CBM<sub>e</sub>; h<sub>ab,e</sub> = 25.5, 92.3, 162.2, 217.0, 271.7, 328.6

Table with 48 columns and 48 rows of colorimetric data. Columns include h<sub>ab,d</sub>, h<sub>ab,s</sub>, h<sub>ab,e</sub>, and various Lab\* and RGB\* values for different colorants and conditions. The table is organized into groups of six columns each, corresponding to different colorant sets.

se liggende filer: http://130.149.60.45/~farbmetrik/RN09/RN09.HTM  
teknisk informasjon: http://www.ps.bam.de eller http://130.149.60.45/~farbmetrik

TUB registrering: 20150701-RN09/RN09LONP.PDF /.PS  
anvendelse for måling av laserprinter output, separasjon cmy<sub>6</sub> (CMYK)  
TUB-material: code=rh4ta

nrf	HC*Fd	rgb_Fd	icr_Fd	hsa_Fd	rgb*Fd	LabCh*Fd	LabCh**Fd	DF*Fd	HaM*Fd	rgb**Fd	LabCh**Yd	LabCh**Yd
0/648	R00Y_100_100a	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1/657	R13Y_100_100a	0.0	0.125	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2/666	R25Y_100_100a	0.0	0.25	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3/675	R37Y_100_100a	0.0	0.375	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4/684	R50Y_100_100a	0.0	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5/693	R63Y_100_100a	0.0	0.625	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6/702	R75Y_100_100a	0.0	0.75	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7/711	R88Y_100_100a	0.0	0.875	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8/720	Y00G_100_100a	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9/639	Y13G_100_100a	0.0	0.125	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10/558	Y25G_100_100a	0.0	0.25	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
11/477	Y38G_100_100a	0.0	0.375	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
12/396	Y50G_100_100a	0.0	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
13/315	Y63G_100_100a	0.0	0.625	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14/234	Y75G_100_100a	0.0	0.75	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15/153	Y88G_100_100a	0.0	0.875	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
16/72	G00C_100_100a	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
17/73	G13C_100_100a	0.0	0.125	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
18/74	G25C_100_100a	0.0	0.25	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
19/75	G38C_100_100a	0.0	0.375	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
20/76	G50C_100_100a	0.0	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
21/77	G63C_100_100a	0.0	0.625	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
22/78	G75C_100_100a	0.0	0.75	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
23/79	G88C_100_100a	0.0	0.875	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
24/80	C00B_100_100a	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
25/71	C13B_100_100a	0.0	0.125	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
26/62	C25B_100_100a	0.0	0.25	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
27/53	C38B_100_100a	0.0	0.375	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
28/44	C50B_100_100a	0.0	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
29/35	C63B_100_100a	0.0	0.625	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
30/26	C75B_100_100a	0.0	0.75	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
31/17	C88B_100_100a	0.0	0.875	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
32/8	B00M_100_100a	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
33/89	B13M_100_100a	0.0	0.125	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
34/170	B25M_100_100a	0.25	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
35/251	B38M_100_100a	0.375	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
36/332	B50M_100_100a	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
37/413	B63M_100_100a	0.625	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
38/494	B75M_100_100a	0.75	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
39/575	B88M_100_100a	0.875	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
40/656	M00R_100_100a	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
41/655	M13R_100_100a	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
42/654	M25R_100_100a	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
43/653	M38R_100_100a	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
44/652	M50R_100_100a	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
45/651	M63R_100_100a	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
46/650	M75R_100_100a	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47/649	M88R_100_100a	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
48/648	R00Y_100_100a	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
49/0	NV_00a	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50/91	NV_013a	0.125	0.125	0.125	0.125	0.125	0.125	0.125	0.125	0.125	0.125	0.125
51/182	NV_025a	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25
52/273	NV_038a	0.375	0.375	0.375	0.375	0.375	0.375	0.375	0.375	0.375	0.375	0.375
53/364	NV_050a	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
54/455	NV_063a	0.625	0.625	0.625	0.625	0.625	0.625	0.625	0.625	0.625	0.625	0.625
55/546	NV_075a	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75
56/637	NV_088a	0.875	0.875	0.875	0.875	0.875	0.875	0.875	0.875	0.875	0.875	0.875
57/728	NV_100a	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0

http://130.149.60.45/~farbmetrik/RN09/RN09LONP.PDF /.PS; overføring output  
 N: ingen 3D-linearisering (OL) i fil (F) eller PS-startup (S), side 19/33

nrf	HCC*Fd	rgb_Fd	icr_Fd	hsa_Fd	rgb*Fd	LabCH*Fd	LabCH*Fd	rgb*Fd	rgb*Fd	DF*Fd	hsa*Fd	rgb*Fd	LabCH*Fd	LabCH*Fd	rgb*Fd	LabCH*Fd	
0/648	R00Y_100_100a	1.0	0.0	0.0	0.0	0.0	57.2	37.8	68.6	33.4	0.0	0.0	57.2	37.8	68.6	33.4	
1/668	R25Y_100_100a	0.0	0.5	0.5	0.0	0.0	47.4	54.5	69.7	51.4	0.0	0.0	47.4	54.5	69.7	51.4	
2/684	R50Y_100_100a	0.0	0.5	0.5	0.0	0.0	37.8	66.2	69.0	73.8	0.0	0.0	37.8	66.2	69.0	73.8	
3/702	R75Y_100_100a	0.0	0.5	0.5	0.0	0.0	70.5	19.2	66.2	69.0	73.8	0.0	70.5	19.2	66.2	69.0	
4/720	Y00C_100_100a	0.0	0.0	0.0	0.0	0.0	83.5	20.9	76.8	76.9	92.2	0.0	83.5	20.9	76.8	76.9	
5/558	Y25C_100_100a	0.75	0.0	0.0	0.0	0.0	90.4	15.8	84.6	86.1	103.6	0.0	90.4	15.8	84.6	86.1	
6/396	Y50C_100_100a	0.5	0.0	0.0	0.0	0.0	90.4	20.9	86.5	89.0	103.6	0.0	90.4	20.9	86.5	89.0	
7/234	Y75C_100_100a	0.25	0.0	0.0	0.0	0.0	70.9	41.7	54.8	68.9	127.3	0.0	70.9	41.7	54.8	68.9	
8/72	C00B_100_100a	0.0	0.0	0.0	0.0	0.0	60.1	-57.9	39.6	70.1	144.7	0.0	60.1	-57.9	39.6	70.1	
9/72	C00B_100_100a	0.0	0.0	0.0	0.0	0.0	54.3	-67.6	30.8	74.3	155.5	0.0	54.3	-67.6	30.8	74.3	
10/76	C25B_100_100a	0.0	0.0	0.0	0.0	0.0	54.3	-67.6	30.8	74.3	155.5	0.0	54.3	-67.6	30.8	74.3	
11/80	C50B_100_100a	0.0	0.0	0.0	0.0	0.0	51.4	-8.9	52.2	189.8	0.0	0.0	51.4	-8.9	52.2	189.8	
12/44	G75B_100_100a	0.0	0.0	0.0	0.0	0.0	46.1	-13.3	49.4	51.1	254.9	0.0	46.1	-13.3	49.4	51.1	
13/8	B00M_100_100a	0.0	0.0	0.0	0.0	0.0	37.8	16.9	44.6	47.7	290.8	0.0	37.8	16.9	44.6	47.7	
14/332	B25R_100_100a	0.5	0.0	0.0	0.0	0.0	37.8	16.9	44.6	47.7	290.8	0.0	37.8	16.9	44.6	47.7	
15/652	B50R_100_100a	0.0	0.0	0.0	0.0	0.0	48.1	65.4	-12.7	66.6	348.9	0.0	48.1	65.4	-12.7	66.6	348.9
16/652	B75R_100_100a	0.0	0.0	0.0	0.0	0.0	48.1	65.4	-12.7	66.6	348.9	0.0	48.1	65.4	-12.7	66.6	348.9
17/648	R00Y_100_100a	1.0	0.0	0.0	0.0	0.0	47.5	57.2	37.8	68.6	33.4	0.0	47.5	57.2	37.8	68.6	33.4
18/688	R00Y_100_050a	1.0	0.5	0.5	0.0	0.0	53.7	28.6	18.9	34.3	33.4	0.0	53.7	28.6	18.9	34.3	33.4
19/706	R50Y_075_050a	0.75	0.5	0.5	0.0	0.0	53.7	28.6	18.9	34.3	33.4	0.0	53.7	28.6	18.9	34.3	33.4
20/724	Y00C_100_050a	0.75	0.0	0.0	0.0	0.0	83.5	20.9	76.8	76.9	92.2	0.0	83.5	20.9	76.8	76.9	92.2
21/400	G50B_100_050a	0.5	0.0	0.0	0.0	0.0	53.7	-20.8	47.4	127.3	0.0	0.0	53.7	-20.8	47.4	127.3	0.0
22/400	G50B_100_050a	0.5	0.0	0.0	0.0	0.0	53.7	-20.8	47.4	127.3	0.0	0.0	53.7	-20.8	47.4	127.3	0.0
23/400	G50B_100_050a	0.5	0.0	0.0	0.0	0.0	53.7	-20.8	47.4	127.3	0.0	0.0	53.7	-20.8	47.4	127.3	0.0
24/400	G50B_100_050a	0.5	0.0	0.0	0.0	0.0	53.7	-20.8	47.4	127.3	0.0	0.0	53.7	-20.8	47.4	127.3	0.0
25/692	B50R_100_050a	0.0	0.5	0.5	0.0	0.0	48.1	65.4	-12.7	66.6	348.9	0.0	48.1	65.4	-12.7	66.6	348.9
26/688	R00Y_100_050a	1.0	0.5	0.5	0.0	0.0	53.7	28.6	18.9	34.3	33.4	0.0	53.7	28.6	18.9	34.3	33.4
27/506	R00Y_075_050a	0.75	0.5	0.5	0.0	0.0	53.7	28.6	18.9	34.3	33.4	0.0	53.7	28.6	18.9	34.3	33.4
28/524	R50Y_075_050a	0.75	0.5	0.5	0.0	0.0	53.7	28.6	18.9	34.3	33.4	0.0	53.7	28.6	18.9	34.3	33.4
29/542	Y00C_075_050a	0.75	0.0	0.0	0.0	0.0	83.5	20.9	76.8	76.9	92.2	0.0	83.5	20.9	76.8	76.9	92.2
30/380	Y50C_075_050a	0.5	0.5	0.5	0.0	0.0	70.5	19.2	66.2	69.0	73.8	0.0	70.5	19.2	66.2	69.0	73.8
31/218	G00B_075_050a	0.25	0.75	0.75	0.0	0.0	65.4	-20.8	47.4	127.3	0.0	0.0	65.4	-20.8	47.4	127.3	0.0
32/222	G50B_075_050a	0.25	0.75	0.75	0.0	0.0	65.4	-20.8	47.4	127.3	0.0	0.0	65.4	-20.8	47.4	127.3	0.0
33/186	B00R_075_050a	0.25	0.75	0.75	0.0	0.0	48.1	65.4	-12.7	66.6	348.9	0.0	48.1	65.4	-12.7	66.6	348.9
34/510	B50R_075_050a	0.25	0.75	0.75	0.0	0.0	48.1	65.4	-12.7	66.6	348.9	0.0	48.1	65.4	-12.7	66.6	348.9
35/506	R00Y_075_050a	0.75	0.5	0.5	0.0	0.0	53.7	28.6	18.9	34.3	33.4	0.0	53.7	28.6	18.9	34.3	33.4
36/324	R00Y_050_050a	0.5	0.0	0.0	0.0	0.0	35.7	28.6	18.9	34.3	33.4	0.0	35.7	28.6	18.9	34.3	33.4
37/342	R50Y_050_050a	0.5	0.5	0.5	0.0	0.0	35.7	28.6	18.9	34.3	33.4	0.0	35.7	28.6	18.9	34.3	33.4
38/360	Y00C_050_050a	0.5	0.0	0.0	0.0	0.0	83.5	20.9	76.8	76.9	92.2	0.0	83.5	20.9	76.8	76.9	92.2
39/198	Y50C_050_050a	0.25	0.5	0.5	0.0	0.0	70.5	19.2	66.2	69.0	73.8	0.0	70.5	19.2	66.2	69.0	73.8
40/36	G00B_050_050a	0.0	0.5	0.5	0.0	0.0	47.4	-20.8	47.4	127.3	0.0	0.0	47.4	-20.8	47.4	127.3	0.0
41/40	G50B_050_050a	0.0	0.5	0.5	0.0	0.0	47.4	-20.8	47.4	127.3	0.0	0.0	47.4	-20.8	47.4	127.3	0.0
42/4	B00R_050_050a	0.0	0.5	0.5	0.0	0.0	48.1	65.4	-12.7	66.6	348.9	0.0	48.1	65.4	-12.7	66.6	348.9
43/328	B50R_050_050a	0.0	0.5	0.5	0.0	0.0	48.1	65.4	-12.7	66.6	348.9	0.0	48.1	65.4	-12.7	66.6	348.9
44/324	R00Y_050_050a	0.5	0.0	0.0	0.0	0.0	35.7	28.6	18.9	34.3	33.4	0.0	35.7	28.6	18.9	34.3	33.4
45/0	NW_000a	0.0	0.0	0.0	0.0	0.0	23.8	0.0	0.0	0.0	0.0	0.0	23.8	0.0	0.0	0.0	0.0
46/91	NW_013a	0.125	0.125	0.125	0.0	0.0	23.8	0.0	0.0	0.0	0.0	0.0	23.8	0.0	0.0	0.0	0.0
47/182	NW_025a	0.25	0.25	0.25	0.0	0.0	23.8	0.0	0.0	0.0	0.0	0.0	23.8	0.0	0.0	0.0	0.0
48/273	NW_038a	0.375	0.375	0.375	0.0	0.0	23.8	0.0	0.0	0.0	0.0	0.0	23.8	0.0	0.0	0.0	0.0
49/364	NW_050a	0.5	0.5	0.5	0.0	0.0	23.8	0.0	0.0	0.0	0.0	0.0	23.8	0.0	0.0	0.0	0.0
50/455	NW_063a	0.625	0.625	0.625	0.0	0.0	23.8	0.0	0.0	0.0	0.0	0.0	23.8	0.0	0.0	0.0	0.0
51/546	NW_075a	0.75	0.75	0.75	0.0	0.0	23.8	0.0	0.0	0.0	0.0	0.0	23.8	0.0	0.0	0.0	0.0
52/637	NW_088a	0.875	0.875	0.875	0.0	0.0	23.8	0.0	0.0	0.0	0.0	0.0	23.8	0.0	0.0	0.0	0.0
53/728	NW_100a	1.0	1.0	1.0	0.0	0.0	23.8	0.0	0.0	0.0	0.0	0.0	23.8	0.0	0.0	0.0	0.0

input: rgb/cmyk -> rgbd  
 output: overføring til cmykd  
 delta E\* = 5.3

5-0031830-F0  
 RN090-7N\_19/33-F  
 TUB-prøveplanse RN09; farbetoneplan: H\*d=G75Bd  
 farger og fargeavstander, ΔE\*  
 5-0031830-F0

http://130.149.60.45/~farbmetrik/RN09/RN09LONP.PDF /.PS; overføring output N: ingen 3D-linearisering (OL) i fil (F) eller PS-startup (S), side 20/33

Table with 80 columns (numbered 1-80) and 10 rows of data. Each cell contains numerical values representing color calibration data for various printer models and color channels.

input: rgb/cmyk -> rgbd

output: overføring til cmykd

H\*d=G75Bd

RN090-TN, 20/33-F

TUB-prøveplanse RN09; farbetoneplan: H\*d=G75Bd farger og fargeavstander, ΔE\*

5-0031930-F0

http://130.149.60.45/~farbmetrik/RN09/RN09LONP.PDF / PS; overføring output N: ingen 3D-linearisering (OL) i fil (F) eller PS-startup (S), side 21/33

Table with 16 columns (n, HHC\*, RGB\*, L\*a\*, L\*b\*, L\*c\*, Hs, RGB, Lab, D50, HsM, HsM, D50, RGB, Lab, D50) containing color calibration data for various printer models and conditions.

input: rgb/cmyk -> rgbd output: overføring til cmykd

TUB-prøveplansje RN09; farbetoneplan: H\*d=G75Bd farger og fargeavstander, ΔE\*

920900-7N, 21/33-F

5-0032030-F0

http://130.149.60.45/~farbmetrik/RN09/RN09LONP.PDF /.PS; overføring output N: ingen 3D-linearisering (OL) i fil (F) eller PS-startup (S), side 22/33

Table with 24 columns: n, HHC\*Fd, Rgb\*Fd, Ict\*Fd, Hs\*Fd, Rgb\*Fd, LabCh\*Fd, LabCh\*Fd, LabCh\*Fd, Rgb\*Fd, Rgb\*Fd, LabCh\*Fd, DF\*Fd, Hs\*Fd, Rgb\*Fd, LabCh\*Fd, LabCh\*Fd, LabCh\*Fd, Rgb\*Fd, Rgb\*Fd, LabCh\*Fd, LabCh\*Fd, LabCh\*Fd, LabCh\*Fd. Rows 162-242.

delta E\* = 8.0

TUB-prøveplanse RN09; farbetoneplan: H\*d=G75Bd farger og fargeavstander, ΔE\*

input: rgb/cmyk -> rgbd output: overføring til cmykd



http://130.149.60.45/~farbmetrik/RN09/RN09LONP.PDF / .PS; overføring output N: ingen 3D-linearisering (OL) i fil (F) eller PS-startup (S), side 24/33

TUB-prøveplanse RN09; farbetoneplan: H\*d=G75Bd farger og fargeavstander, ΔE\*<sub>uv</sub> input: rgb/cmyk -> rgbd output: overføring til cmykd

Table with 14 columns: n, HHC\*Fd, rgb\*Fd, iet\*Fd, ihs\*Fd, rgb\*Fd, Lab\*Cb\*Fd, Lab\*Cb\*Fd, Lab\*Cb\*Fd, Lab\*Cb\*Fd, Lab\*Cb\*Fd, Lab\*Cb\*Fd, Lab\*Cb\*Fd, Lab\*Cb\*Fd. Rows include color patches like 324, 325, 326, etc., with corresponding colorimetric data.



http://130.149.60.45/~farbmetrik/RN09/RN09LONP.PDF /.PS; overføring output  
N: ingen 3D-linearisering (OL) i fil (F) eller PS-startup (S), side 25/33

Table with columns: n, HHC\*Fd, Rgb\*Fd, Icr\*Fd, Hsa\*Fd, Rgb\*Fd, Lab\*Cb\*Fd, Lab\*Cb\*Fd, Rgb\*Fd, Lab\*Cb\*Fd, DF\*Fd, Rgb\*Fd, Lab\*Cb\*Fd, Hsa\*Fd, Rgb\*Fd, Lab\*Cb\*Fd, Hsa\*Fd, Rgb\*Fd, Lab\*Cb\*Fd, Hsa\*Fd. Rows correspond to color patches 405-485.

5-003240-F0  
RN090-TN, 25/33-F  
TUB-prøveplansje RN09; farbetoneplan: H\*d=G75Bd  
farger og fargeavstander, ΔE\*

input: rgb/cmyk -> rgbd  
output: overføring til cmykd

delta E\*\* = 6,8



http://130.149.60.45/~farbmetrik/RN09/RN09LONP.PDF /.PS; overføring output N: ingen 3D-linearisering (OL) i fil (F) eller PS-startup (S), side 27/33

Table with 15 columns: n, HHC\*Fd, rpb\*Fd, icr\*Fd, hsa\*Fd, rpb\*Fd, LabCH\*Fd, LabCH\*Fd, rpb\*Fd, rpb\*Fd, LabCH\*Fd, DF\*Fd, rpb\*Fd, LabCH\*Fd, LabCH\*Fd. Rows contain numerical data for various printer models and color channels.

delta E\*uv = 6.1

RN090-7N, 27/33-F

TUB-prøveplanse RN09; farbetoneplan: H\*d=G75Bd farger og fargeavstander, ΔE\*

input: rgb/cmyk -> rgbd output: overføring til cmykd

http://130.149.60.45/~farbmetrik/RN09/RN09LONP.PDF /.PS; overføring output  
N: ingen 3D-linearisering (OL) i fil (F) eller PS-startup (S), side 28/33

input: rgb/cmyk -> rgbd  
output: overføring til cmykd

TUB-prøveplanse RN09; farbetoneplan: H\*d=G75Bd  
farger og fargeavstander, ΔE\*

RN090-7N; 28/33-F

Table with 25 columns: n, HHC\*Fd, rgb\_Fd, icr\_Fd, Hs\_Fd, Lab\*Ch\*Fd, Lab\*Ch\*Fd, rgb\*Fd, Lab\*Ch\*Fd, Lab\*Ch\*Fd, rgb\*Fd, DF\*Fd, HaM\*Fd, rgb\*Fd, Lab\*Ch\*Fd, Lab\*Ch\*Fd, rgb\*Fd, Lab\*Ch\*Fd, Lab\*Ch\*Fd, rgb\*Fd, Lab\*Ch\*Fd, Lab\*Ch\*Fd, rgb\*Fd, Lab\*Ch\*Fd, Lab\*Ch\*Fd, rgb\*Fd, Lab\*Ch\*Fd, Lab\*Ch\*Fd, rgb\*Fd, Lab\*Ch\*Fd. It contains numerical data for various color and registration points.

http://130.149.60.45/~farbmetrik/RN09/RN09LONP.PDF /.PS; overføring output N: ingen 3D-linearisering (OL) i fil (F) eller PS-startup (S), side 29/33

Table with 10 columns: n, HHC\*Fd, rpb\_Fd, icr\_Fd, hsa\_Fd, rpb\_Fd, LabCH\*Fd, LabCH\*Fd, rpb\_Fd, LabCH\*Fd, DF\*Fd, hsa\_Fd, rpb\_Fd, LabCH\*Fd, LabCH\*Fd. Rows include color names like NV\_100a, G50B\_100.0124, etc.

delta\_E\*\* = 7.8

RN090-7N\_29/33-F

TUB-prøveplansje RN09; farbetoneplan: H\*d=G75Bd farger og fargeavstander, ΔE\*

input: rgb/cmyk -> rgbd output: overføring til cmykd





http://130.149.60.45/~farbmetrik/RN09/RN09LONP.PDF /.PS; overføring output N: ingen 3D-linearisering (OL) i fil (F) eller PS-startup (S), side 32/33

Table with 15 columns: n, HHC\*Fd, rpb\*Fd, iet\*Fd, ihs\*Fd, rpb\*Fd, LabC\*Fd, LabC\*Fd, rpb\*Fd, LabC\*Fd, LabC\*Fd, rpb\*Fd, DPF\*Fd, ihs\*Fd, rpb\*Fd, LabC\*Fd, LabC\*Fd. Rows include color patches like NNW\_000a, NNW\_012a, NNW\_025a, etc.

delta E\* = 3.2

input: rgb/cmyk -> rgbd output: overføring til cmykd

TUB-prøveplanse RN09; farbetoneplan: H\*d=G75Bd farger og fargeavstander, ΔE\*

RN090-7N\_32/33-F

5-0033130-F0



http://130.149.60.45/~farbmetrik/RN09/RN09L0NP.PDF /.PS; overføring output  
 N: ingen 3D-linearisering (OL) i fil (F) eller PS-startup (S), side 33/33

n	HC*Fd	rgb_Fd	iet_Fd	h_s_Fd	rgb*Fd	LabCh*Fd	h_s_Fd	rgb*Fd	LabCh*Fd	DF*Fd	h_sMd	rgb*Md	LabCh*Md
1053	NW_086d	0.866	0.866	0.866	0.866	0.866	0.866	0.866	0.866	0.866	0.866	0.866	0.866
1054	NW_093d	0.933	0.933	0.933	0.933	0.933	0.933	0.933	0.933	0.933	0.933	0.933	0.933
1055	NW_100d	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
1056	NW_006d	0.066	0.066	0.066	0.066	0.066	0.066	0.066	0.066	0.066	0.066	0.066	0.066
1057	NW_013d	0.133	0.133	0.133	0.133	0.133	0.133	0.133	0.133	0.133	0.133	0.133	0.133
1058	NW_020d	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
1059	NW_026d	0.266	0.266	0.266	0.266	0.266	0.266	0.266	0.266	0.266	0.266	0.266	0.266
1060	NW_033d	0.333	0.333	0.333	0.333	0.333	0.333	0.333	0.333	0.333	0.333	0.333	0.333
1061	NW_040d	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
1062	NW_046d	0.466	0.466	0.466	0.466	0.466	0.466	0.466	0.466	0.466	0.466	0.466	0.466
1063	NW_053d	0.533	0.533	0.533	0.533	0.533	0.533	0.533	0.533	0.533	0.533	0.533	0.533
1064	NW_060d	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
1065	NW_066d	0.666	0.666	0.666	0.666	0.666	0.666	0.666	0.666	0.666	0.666	0.666	0.666
1066	NW_073d	0.734	0.734	0.734	0.734	0.734	0.734	0.734	0.734	0.734	0.734	0.734	0.734
1067	NW_080d	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
1068	NW_086d	0.866	0.866	0.866	0.866	0.866	0.866	0.866	0.866	0.866	0.866	0.866	0.866
1069	NW_093d	0.933	0.933	0.933	0.933	0.933	0.933	0.933	0.933	0.933	0.933	0.933	0.933
1070	NW_100d	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
1071	NW_006d	0.066	0.066	0.066	0.066	0.066	0.066	0.066	0.066	0.066	0.066	0.066	0.066
1072	NW_013d	0.133	0.133	0.133	0.133	0.133	0.133	0.133	0.133	0.133	0.133	0.133	0.133
1073	NW_020d	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
1074	NW_026d	0.266	0.266	0.266	0.266	0.266	0.266	0.266	0.266	0.266	0.266	0.266	0.266
1075	NW_033d	0.333	0.333	0.333	0.333	0.333	0.333	0.333	0.333	0.333	0.333	0.333	0.333
1076	NW_040d	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
1077	NW_046d	0.466	0.466	0.466	0.466	0.466	0.466	0.466	0.466	0.466	0.466	0.466	0.466
1078	NW_053d	0.533	0.533	0.533	0.533	0.533	0.533	0.533	0.533	0.533	0.533	0.533	0.533
1079	NW_060d	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6

delta E\* = 3.0

input: rgb/cmyk -> rgbd  
 output: overføring til cmykd

TUB-prøveplanse RN09; farbetoneplan: H\*\_d=G75Bd  
 farger og fargeavstander, ΔE\*<sub>d</sub>

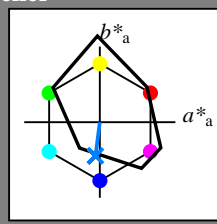
5-003320-F0

5-003320-F0

Input og output: Printer-Reflektiv-System FRS06a for relativ CIELAB fargetone  $h_{ab,a,rel} = h_{ab}/360 = 262/360 = 0.72$

$H^*_- = G75B_-$

Data for ethvert apparat (d) eller elementærfarge (e):  
 $HIC^*_-$   
fargetonetekst for fargene på denne siden:  
 $H^*_- = G75B_-$   
trekantslyshet  $T^*$



**FRS06a; adapterte (a) CIELAB data**

navn	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$
R <sub>-,Ma</sub>	32.5	62.3	46.4	77.7	36
Y <sub>-,Ma</sub>	82.7	-3.1	113.9	114.0	91
G <sub>-,Ma</sub>	39.4	-61.8	45.8	76.9	143
C <sub>-,Ma</sub>	47.8	-26.8	-34.2	43.4	231
B <sub>-,Ma</sub>	10.1	55.1	-61.0	82.2	312
M <sub>-,Ma</sub>	34.5	80.6	-33.9	87.5	337
N <sub>-,Ma</sub>	6.2	0.0	0.0	0.0	0
W <sub>-,Ma</sub>	91.9	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 maksimalfarge (Ma):

$LabCh^*_{-,Ma}$ : 45 -5 -44 44 262

$HIC^*_{-,Ma}$ : G75B\_100\_100\_

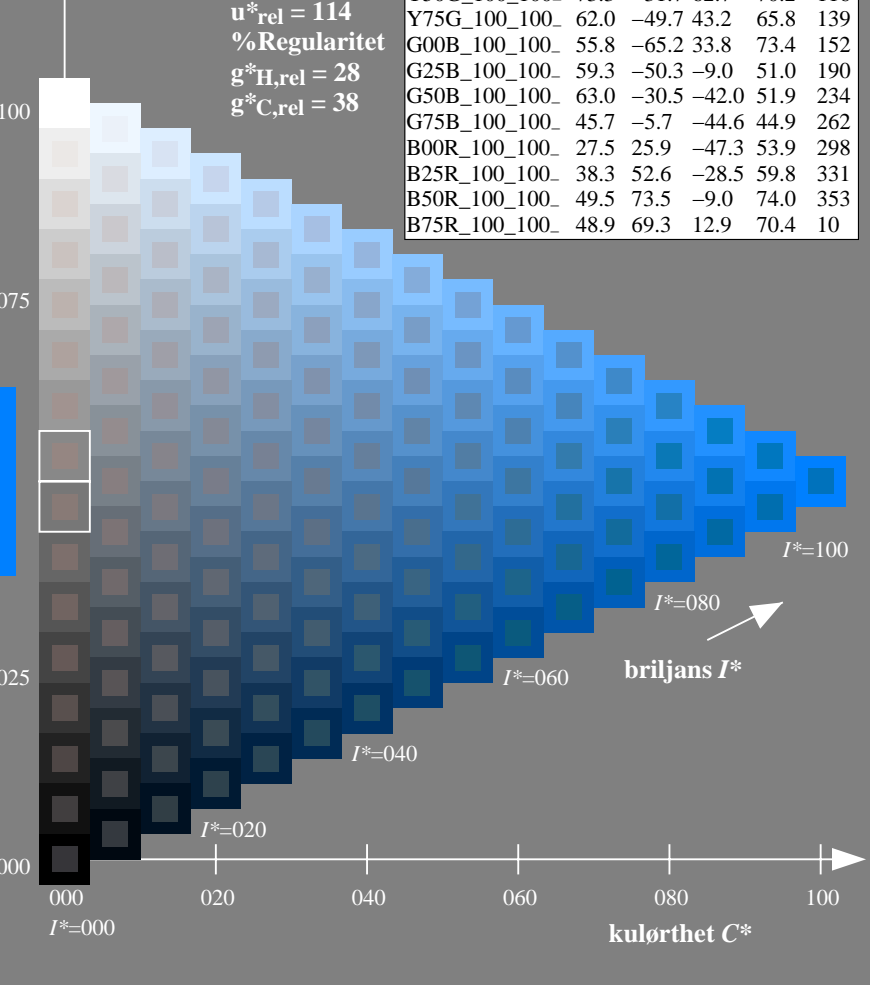
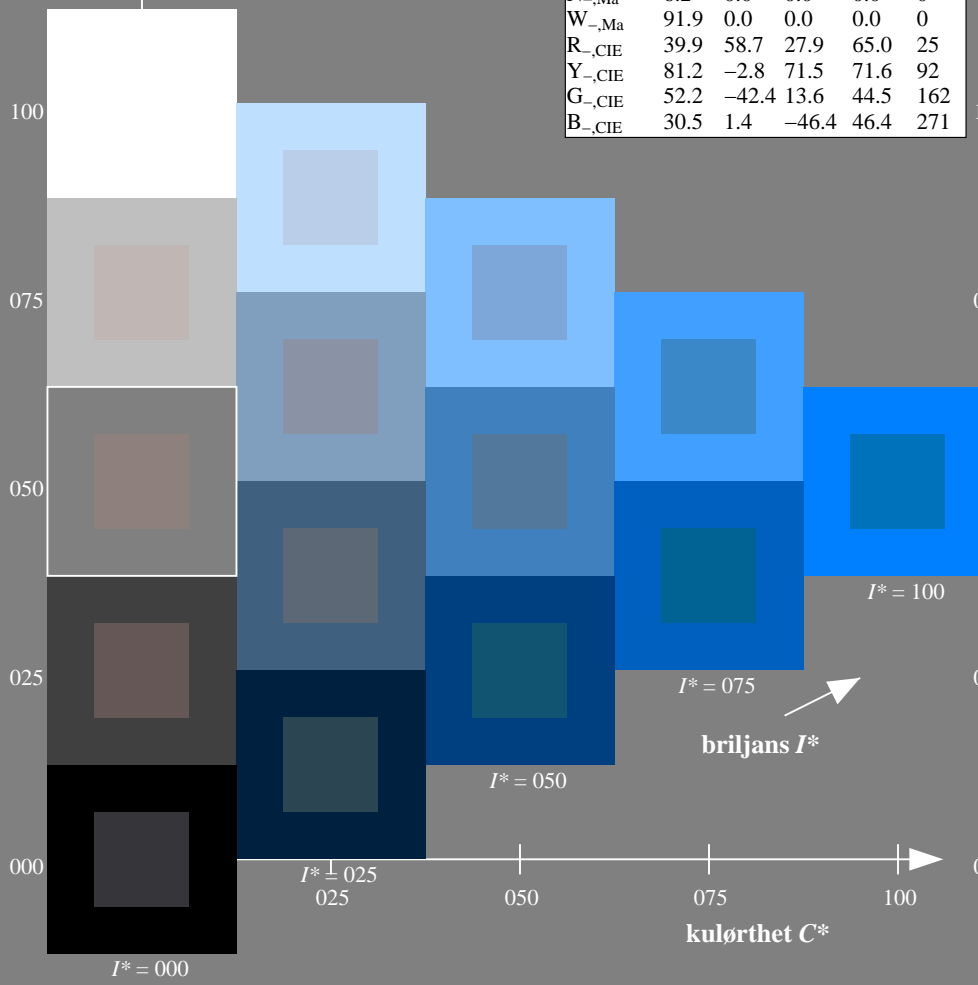
$rgbic^*_{-,Ma}$ :

0.0 0.5 1.0 1.0 1.0

trekantslyshet  $T^*$

**ORS20a; adapterte (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



%Omfang  
 $u^*_{rel} = 114$   
%Regularitet  
 $g^*_{H,rel} = 28$   
 $g^*_{C,rel} = 38$

se liggende filer: <http://130.149.60.45/~farbmetrik/RN09/RN09.HTM>  
teknisk informasjon: <http://www.ps.bam.de> eller <http://130.149.60.45/~farbmetrik>

TUB registrering: 20150701-RN09/RN09LONP.PDF /.PS  
anvendelse for måling av laserprinter output

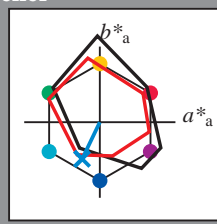
TUB-material: code=rh4ta

Input og output: Printer-Reflektiv-System FRS06a for relativ CIELAB fargetone  $h_{ab,a,rel} = h_{ab}/360 = 244/360 = 0.67$

$H^*_e = G75B_e$

Data for ethvert apparat (d) eller elementærfarge (e):

$HIC^*_e$   
fargetonetekst for fargene på denne siden:  
 $H^*_e = G75B_e$   
trekantslyshet  $T^*$



**LRS18a; adapterte (a) CIELAB data**

navn	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$
Re,Ma	47.5	56.0	26.7	62.1	25
Ye,Ma	83.6	-3.1	76.8	76.9	92
Ge,Ma	53.8	-65.9	21.1	69.2	162
Ce,Ma	54.9	-38.7	-29.1	48.4	216
Be,Ma	37.3	1.4	-48.6	48.7	271
Me,Ma	38.5	46.7	-28.5	54.7	328
Ne,Ma	23.8	0.0	0.0	0.0	0
We,Ma	95.8	0.0	0.0	0.0	0
Re,CIE	39.9	58.7	27.9	65.0	25
Ye,CIE	81.2	-2.8	71.5	71.6	92
Ge,CIE	52.2	-42.4	13.6	44.5	162
Ce,CIE	52.2	-42.4	13.6	44.5	162
Be,CIE	30.5	1.4	-46.4	46.4	271

Data for maksimalfarge (Ma):

$LabCh^*_{e, Ma}: 51 \ -23 \ -48 \ 53 \ 244$

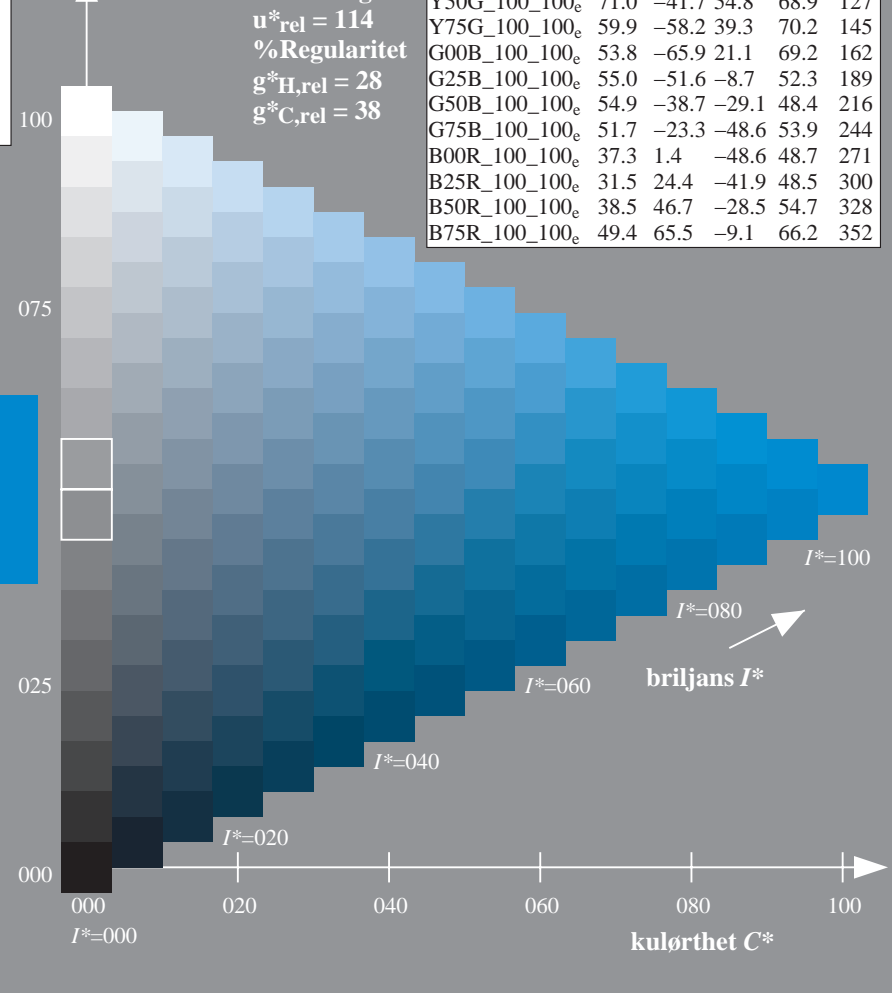
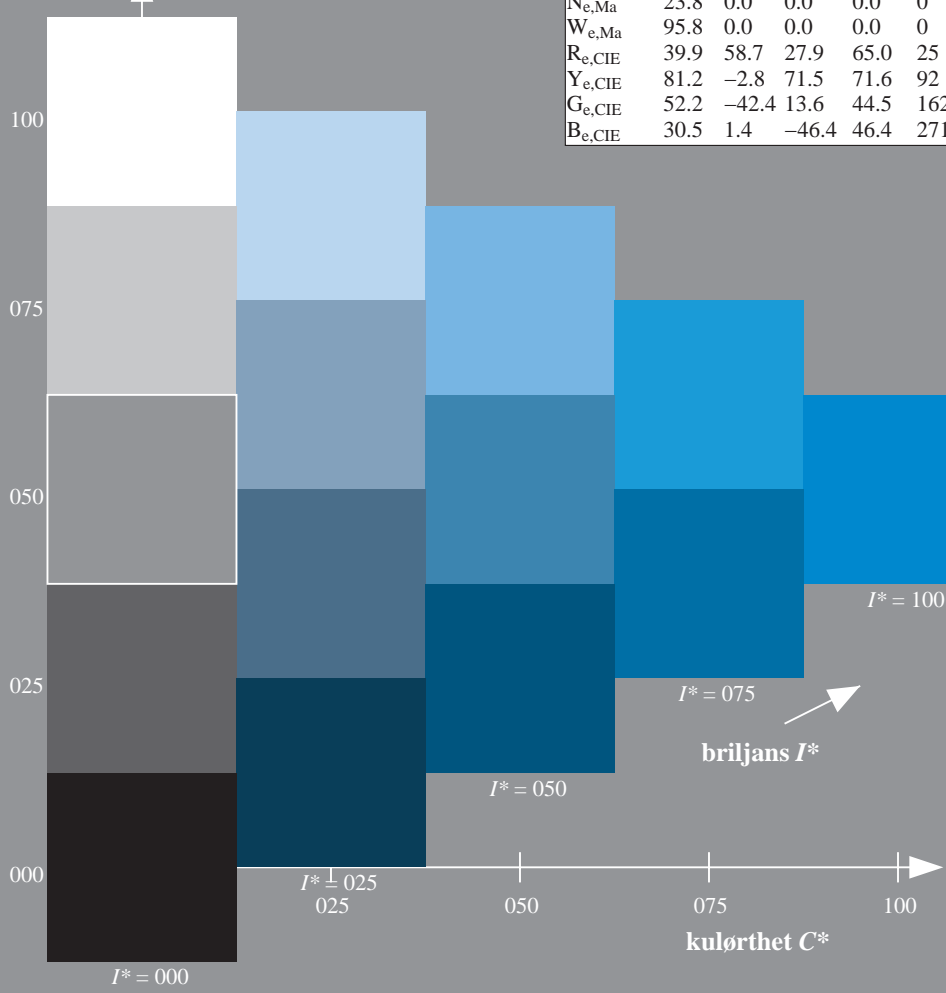
$HIC^*_{e, Ma}: G75B\_100\_100_e$

$rgbic^*_{e, Ma}: 0.0 \ 0.68 \ 1.0 \ 1.0 \ 1.0$

trekantslyshet  $T^*$

**LRS18a; adapterte (a) CIELAB data**

$H^*_e$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$
R00Y_100_100_e	47.5	56.0	26.7	62.1	25
R25Y_100_100_e	51.4	54.8	47.7	72.6	41
R50Y_100_100_e	61.8	35.2	58.4	68.2	58
R75Y_100_100_e	72.3	16.1	68.2	70.1	76
Y00G_100_100_e	83.6	-3.1	76.8	76.9	92
Y25G_100_100_e	85.8	-26.4	78.5	82.9	108
Y50G_100_100_e	71.0	-41.7	54.8	68.9	127
Y75G_100_100_e	59.9	-58.2	39.3	70.2	145
G00B_100_100_e	53.8	-65.9	21.1	69.2	162
G25B_100_100_e	55.0	-51.6	-8.7	52.3	189
G50B_100_100_e	54.9	-38.7	-29.1	48.4	216
G75B_100_100_e	51.7	-23.3	-48.6	53.9	244
B00R_100_100_e	37.3	1.4	-48.6	48.7	271
B25R_100_100_e	31.5	24.4	-41.9	48.5	300
B50R_100_100_e	38.5	46.7	-28.5	54.7	328
B75R_100_100_e	49.4	65.5	-9.1	66.2	352

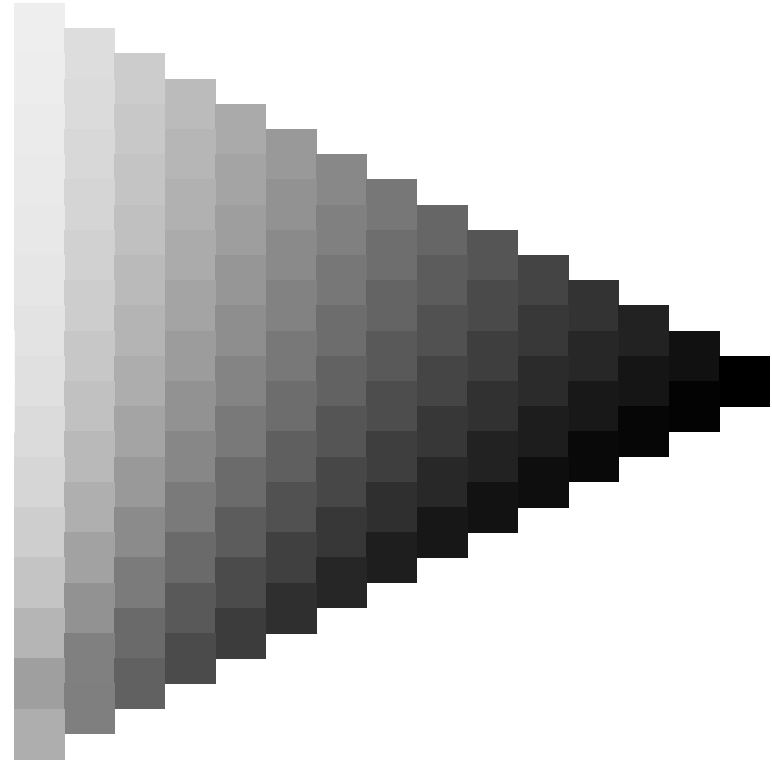
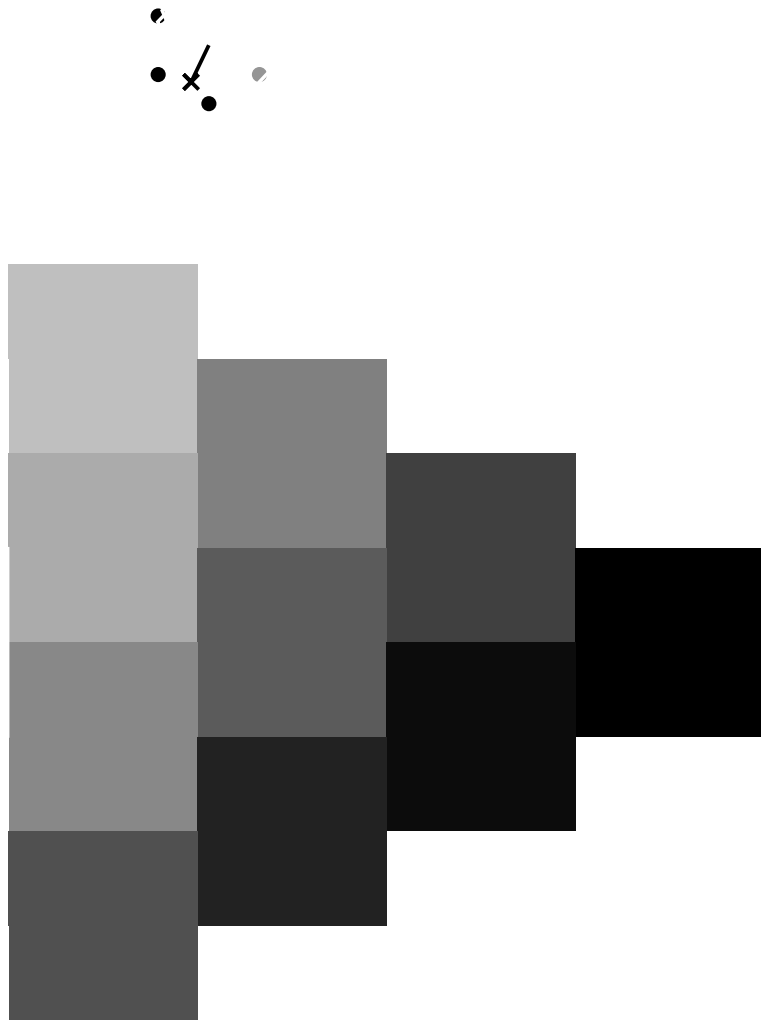


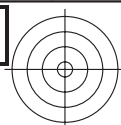
%Omfang  
 $u^*_{rel} = 114$   
%Regularitet  
 $g^*_{H,rel} = 28$   
 $g^*_{C,rel} = 38$

se liggende filer: <http://130.149.60.45/~farbmetrik/RN09/RN09.HTM>  
teknisk informasjon: <http://www.ps.bam.de> eller <http://130.149.60.45/~farbmetrik>

TUB registrering: 20150701-RN09/RN09LONP.PDF /.PS  
anvendelse for måling av laserprinter output, separasjon cmykn6 (CMYK)

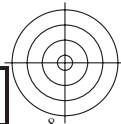
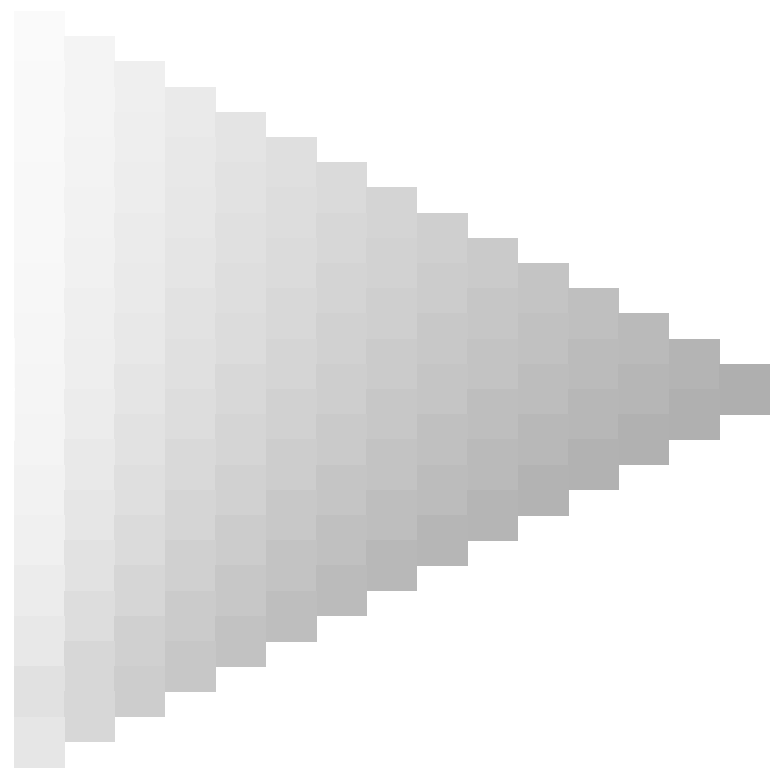
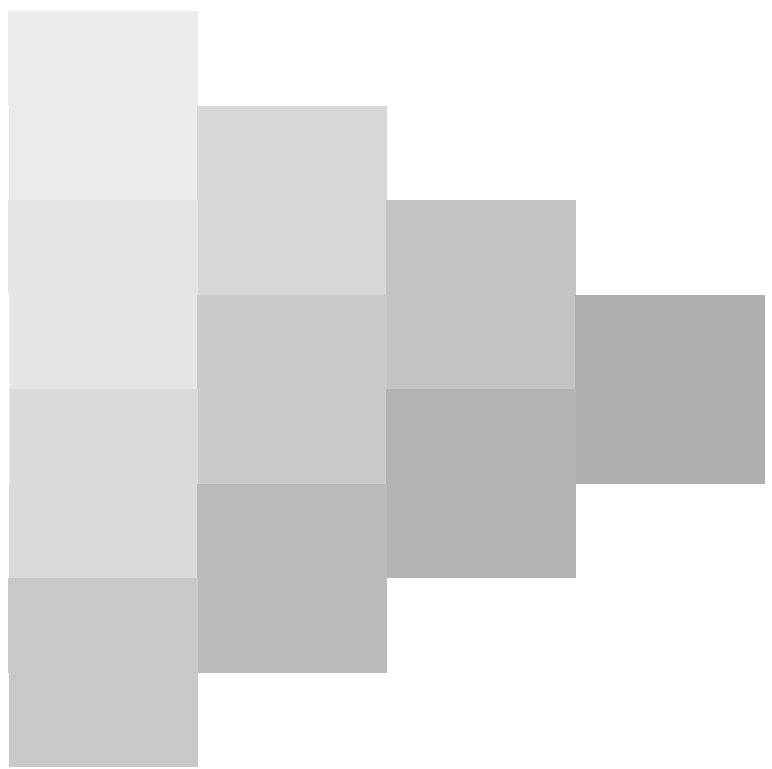
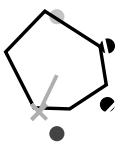
TUB-material: code=rh4ta





se lignende filer: <http://130.149.60.45/~farbmetrik/RN09/RN09.HTM>  
teknisk informasjon: <http://www.ps.bam.de> eller <http://130.149.60.45/~farbmetrik>

TUB registrering: 20150701-RN09/RN09L0NP.PDF /.PS TUB-material: code=rh4ta  
anvendelse for måling av laserprinter output, separasjon cmykn6 (CMYK)



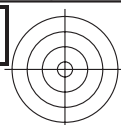
5-013330-L0 RN090-71

TUB-prøveplansje RN09; farbetoneplan:  $H^*_e=G75B_e$   
prøveplansje infølge DIN 33872, 3D=0,  $d_e=1$ , cmyk

input:  $rgb/cmyk \rightarrow rgb_e$   
output: overføring til  $cmyk_e$

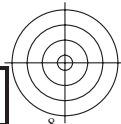
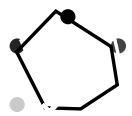
5-013330-F0





TUB registrering: 20150701-RN09/RN09L0NP.PDF /.PS TUB-material: code=rha4ta  
anvendelse for måling av laserprinter output, separasjon cmykn6 (CMYK)

se lignende filer: <http://130.149.60.45/~farbmetrik/RN09/RN09.HTM>  
teknisk informasjon: <http://www.ps.bam.de> eller <http://130.149.60.45/~farbmetrik>



5-013430-L0 RN090-71

TUB-prøveplansje RN09; farbetoneplan:  $H^*_e=G75B_e$   
prøveplansje infølge DIN 33872, 3D=0, de=1, cmyk

input: *rgb/cmyk* -> *rgb<sub>e</sub>*  
output: overføring til *cmyk<sub>e</sub>*

5-013430-F0

Input og output: Printer-Reflektiv-System FRS06a for relativ CIELAB fargetone  $h_{ab,a,rel} = h_{ab}/360 = 244/360 = 0.67$

$H^*_e = G75B_e$

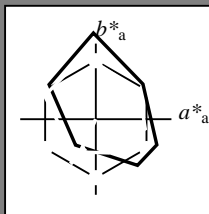
Data for ethvert apparat (d) eller elementærfarge (e):

$HIC^*_e$

fargetonetekst for fargene på denne siden:

$H^*_e = G75B_e$

trekantslyshet  $T^*$



**LRS18a; adapterte (a) CIELAB data**

navn	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$
Re,Ma	47.5	56.0	26.7	62.1	25
Ye,Ma	83.6	-3.1	76.8	76.9	92
Ge,Ma	53.8	-65.9	21.1	69.2	162
Ce,Ma	54.9	-38.7	-29.1	48.4	216
Be,Ma	37.3	1.4	-48.6	48.7	271
Me,Ma	38.5	46.7	-28.5	54.7	328
Ne,Ma	23.8	0.0	0.0	0.0	0
We,Ma	95.8	0.0	0.0	0.0	0
Re,CIE	39.9	58.7	27.9	65.0	25
Ye,CIE	81.2	-2.8	71.5	71.6	92
Ge,CIE	52.2	-42.4	13.6	44.5	162
Be,CIE	30.5	1.4	-46.4	46.4	271

Data for maksimalfarge (Ma):

$LabCh^*_{e, Ma}: 51 \ -23 \ -48 \ 53 \ 244$

$HIC^*_{e, Ma}: G75B\_100\_100_e$

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

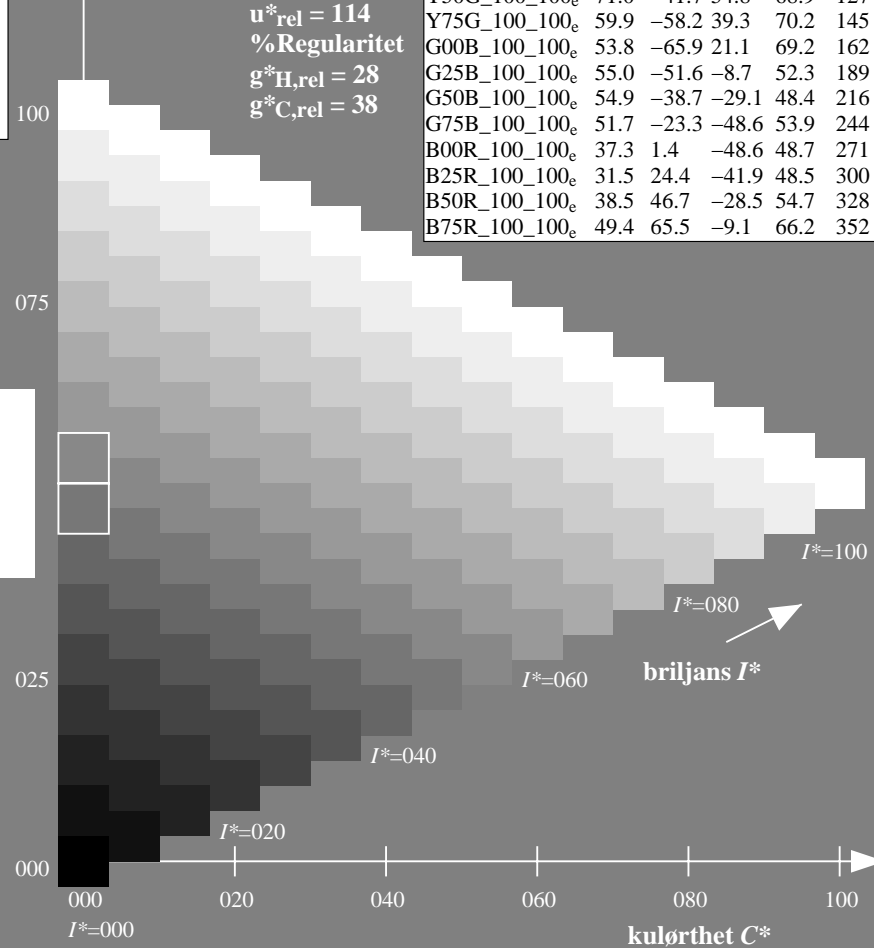
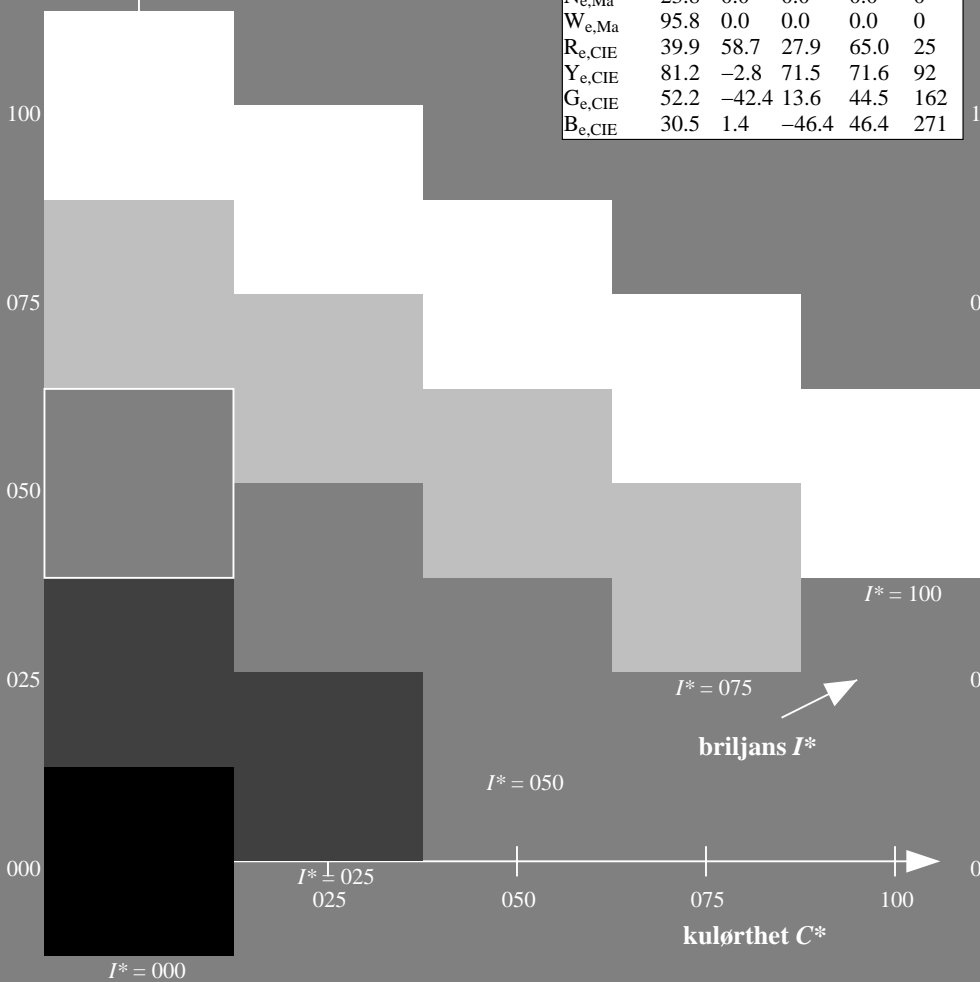
0.0 0.68 1.0 1.0 1.0

trekantslyshet  $T^*$

%Omfang  
 $u^*_{rel} = 114$   
 %Regularitet  
 $g^*_{H,rel} = 28$   
 $g^*_{C,rel} = 38$

**LRS18a; adapterte (a) CIELAB data**

$H^*_e$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$
R00Y_100_100_e	47.5	56.0	26.7	62.1	25
R25Y_100_100_e	51.4	54.8	47.7	72.6	41
R50Y_100_100_e	61.8	35.2	58.4	68.2	58
R75Y_100_100_e	72.3	16.1	68.2	70.1	76
Y00G_100_100_e	83.6	-3.1	76.8	76.9	92
Y25G_100_100_e	85.8	-26.4	78.5	82.9	108
Y50G_100_100_e	71.0	-41.7	54.8	68.9	127
Y75G_100_100_e	59.9	-58.2	39.3	70.2	145
G00B_100_100_e	53.8	-65.9	21.1	69.2	162
G25B_100_100_e	55.0	-51.6	-8.7	52.3	189
G50B_100_100_e	54.9	-38.7	-29.1	48.4	216
G75B_100_100_e	51.7	-23.3	-48.6	53.9	244
B00R_100_100_e	37.3	1.4	-48.6	48.7	271
B25R_100_100_e	31.5	24.4	-41.9	48.5	300
B50R_100_100_e	38.5	46.7	-28.5	54.7	328
B75R_100_100_e	49.4	65.5	-9.1	66.2	352



se liggende filer: <http://130.149.60.45/~farbmetrik/RN09/RN09.HTM>  
 teknisk informasjon: <http://www.ps.bam.de> eller <http://130.149.60.45/~farbmetrik>

TUB registrering: 20150701-RN09/RN09LONP.PDF /.PS  
 anvendelse for måling av laserprinter output, separasjon cmykn6 (CMYK)

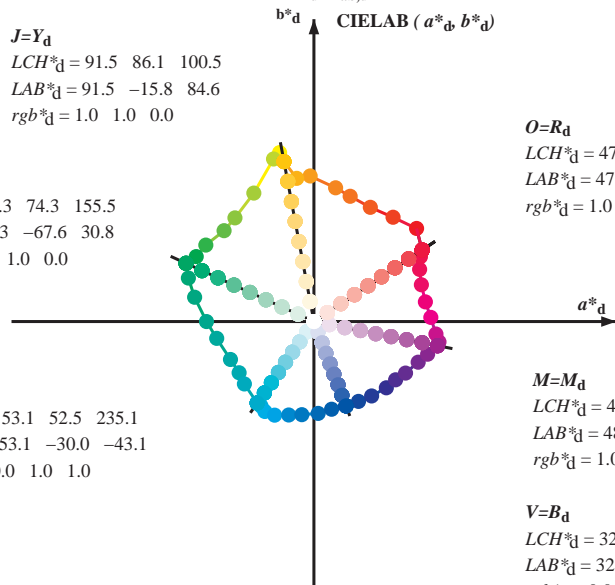
TUB-material: code=rh4ta

Data til maksimalfargen M in fargemetrisk system Laser printer output; separation cmy6\*, D65 for input eller output; Seks fargetonevinkler til 60 graders standardfargene RYGBM<sub>s</sub>:  $h_{ab,ds} = 30.0, 90.0, 150.0, 210.0, 270.0, 330.0$ ; seks fargetonevinkler til apparatfargene RYGBM<sub>d</sub>:  $h_{ab,d} = 33.5, 100.6, 155.5, 235.2, 290.8, 348.9$ ; seks fargetonevinkler til elementærfargene RYGBM<sub>e</sub>:  $h_{ab,e} = 25.5, 92.3, 162.2, 217.0, 271.7, 328.6$

$J=Y_d$   
 $LCH^*_d = 91.5 \ 86.1 \ 100.5$   
 $LAB^*_d = 91.5 \ -15.8 \ 84.6$   
 $rgb^*_d = 1.0 \ 1.0 \ 0.0$

$L=G_d$   
 $LCH^*_d = 54.3 \ 74.3 \ 155.5$   
 $LAB^*_d = 54.3 \ -67.6 \ 30.8$   
 $rgb^*_d = 0.0 \ 1.0 \ 0.0$

$C=C_d$   
 $LCH^*_d = 53.1 \ 52.5 \ 235.1$   
 $LAB^*_d = 53.1 \ -30.0 \ -43.1$   
 $rgb^*_d = 0.0 \ 1.0 \ 1.0$



$O=R_d$   
 $LCH^*_d = 47.5 \ 68.6 \ 33.4$   
 $LAB^*_d = 47.5 \ 57.2 \ 37.8$   
 $rgb^*_d = 1.0 \ 0.0 \ 0.0$

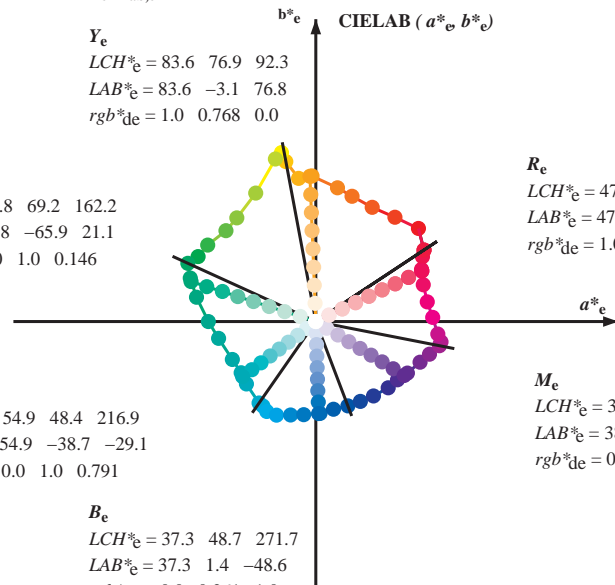
$M=M_d$   
 $LCH^*_d = 48.1 \ 66.6 \ 348.9$   
 $LAB^*_d = 48.1 \ 65.4 \ -12.7$   
 $rgb^*_d = 1.0 \ 0.0 \ 1.0$

$V=B_d$   
 $LCH^*_d = 32.5 \ 47.7 \ 290.8$   
 $LAB^*_d = 32.5 \ 16.9 \ -44.6$   
 $rgb^*_d = 0.0 \ 0.0 \ 1.0$

$Y_e$   
 $LCH^*_e = 83.6 \ 76.9 \ 92.3$   
 $LAB^*_e = 83.6 \ -3.1 \ 76.8$   
 $rgb^*_{de} = 1.0 \ 0.768 \ 0.0$

$G_e$   
 $LCH^*_e = 53.8 \ 69.2 \ 162.2$   
 $LAB^*_e = 53.8 \ -65.9 \ 21.1$   
 $rgb^*_{de} = 0.0 \ 1.0 \ 0.146$

$C_e$   
 $LCH^*_e = 54.9 \ 48.4 \ 216.9$   
 $LAB^*_e = 54.9 \ -38.7 \ -29.1$   
 $rgb^*_{de} = 0.0 \ 1.0 \ 0.791$



$R_e$   
 $LCH^*_e = 47.5 \ 62.1 \ 25.4$   
 $LAB^*_e = 47.5 \ 56.0 \ 26.7$   
 $rgb^*_{de} = 1.0 \ 0.0 \ 0.263$

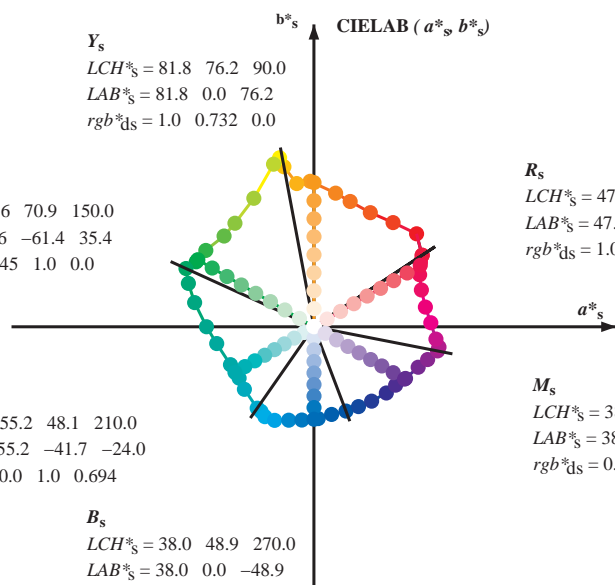
$M_e$   
 $LCH^*_e = 38.5 \ 54.7 \ 328.6$   
 $LAB^*_e = 38.5 \ 46.7 \ -28.5$   
 $rgb^*_{de} = 0.584 \ 0.0 \ 1.0$

$B_e$   
 $LCH^*_e = 37.3 \ 48.7 \ 271.7$   
 $LAB^*_e = 37.3 \ 1.4 \ -48.6$   
 $rgb^*_{de} = 0.0 \ 0.261 \ 1.0$

$Y_s$   
 $LCH^*_s = 81.8 \ 76.2 \ 90.0$   
 $LAB^*_s = 81.8 \ 0.0 \ 76.2$   
 $rgb^*_{ds} = 1.0 \ 0.732 \ 0.0$

$G_s$   
 $LCH^*_s = 57.6 \ 70.9 \ 150.0$   
 $LAB^*_s = 57.6 \ -61.4 \ 35.4$   
 $rgb^*_{ds} = 0.145 \ 1.0 \ 0.0$

$C_s$   
 $LCH^*_s = 55.2 \ 48.1 \ 210.0$   
 $LAB^*_s = 55.2 \ -41.7 \ -24.0$   
 $rgb^*_{ds} = 0.0 \ 1.0 \ 0.694$



$R_s$   
 $LCH^*_s = 47.6 \ 65.0 \ 30.0$   
 $LAB^*_s = 47.6 \ 56.3 \ 32.5$   
 $rgb^*_{ds} = 1.0 \ 0.0 \ 0.157$

$M_s$   
 $LCH^*_s = 38.9 \ 55.3 \ 330.0$   
 $LAB^*_s = 38.9 \ 47.9 \ -27.6$   
 $rgb^*_{ds} = 0.612 \ 0.0 \ 1.0$

$B_s$   
 $LCH^*_s = 38.0 \ 48.9 \ 270.0$   
 $LAB^*_s = 38.0 \ 0.0 \ -48.9$   
 $rgb^*_{ds} = 0.0 \ 0.283 \ 1.0$

$(a^*_d, b^*_d), (a^*_s, b^*_s), (a^*_e, b^*_e)$

$rgb^*_e LCH^*_s, LAB^*_s$

$h_{ab}, rgb^*_s$

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

$h_{ab,s}$

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

$$h_{48ab,sij} = h_{ab,si} + j [h_{ab,si+1} - h_{ab,si}] / 8 (i = 0, 1, \dots, 5; j = 0, 1, \dots, 7) \quad (2)$$

$$h_{360ab,sij} = h_{ab,si} + j [h_{ab,si+1} - h_{ab,si}] / 60 (i = 0, 1, \dots, 5; j = 0, 1, \dots, 59) \quad (3)$$

$h_{ab,e}$

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

$$h_{48ab,eij} = h_{ab,ei} + j [h_{ab,ei+1} - h_{ab,ei}] / 8 (i = 0, 1, \dots, 5; j = 0, 1, \dots, 7) \quad (4)$$

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

$h_{ab}, h_{ab,d}$

$rgb^*_{de}$

se liggende filer: http://130.149.60.45/~farbmetrik/RN09/RN09.HTM  
 teknisk informasjon: http://www.ps.bam.de eller http://130.149.60.45/~farbmetrik

TUB registrering: 20150701-RN09/RN09L0NP.PDF /.PS  
 anvendelse for måling av laserprinter output, separasjon cmy6 (CMYK)

TUB-material: code=rh4ta







Data til maksimalfargen M in fargemetrisk system Laser printer output; separation cmyrn6\*; D65 for input eller output; Seks fargetonevinkler til 60 graders standardfargene RYGBM; h<sub>ab,ds</sub> = 30.0, 90.0, 150.0, 210.0, 270.0, 330.0; seks fargetonevinkler til apparatfargene RYGBM; h<sub>ab,d</sub> = 33.5, 100.6, 155.5, 235.2, 290.8, 348.9; seks fargetonevinkler til elementærfargene RYGBM; h<sub>ab,e</sub> = 25.5, 92.3, 162.2, 217.0, 271.7, 328.6

Table with columns for colorimetric data including h<sub>ab,d</sub>, h<sub>ab,s</sub>, h<sub>ab,e</sub>, and various colorimetric coordinates (L\*, a\*, b\*, x, y, z) for different colorimetric systems (LAB, RGB, CMYK).

5-013930-L0 RN090-71 LAB\*la0, YN=0%, XYZnw=3.9, 4.1, 4.1, 84.7, 89.6, 93.9, LAB\*nmw=23.9, 0.0, 0.0, 95.8, 0.0, 0.0

output: Laser printer output; separation cmyrn6\*, D65, side 10/33

TUB-prøveplansje RN09; farbetoneplan: H\*<sub>e</sub>=G75B<sub>e</sub> 48-trinns fargetonesirkel; rgb-LabCh\*tabeller

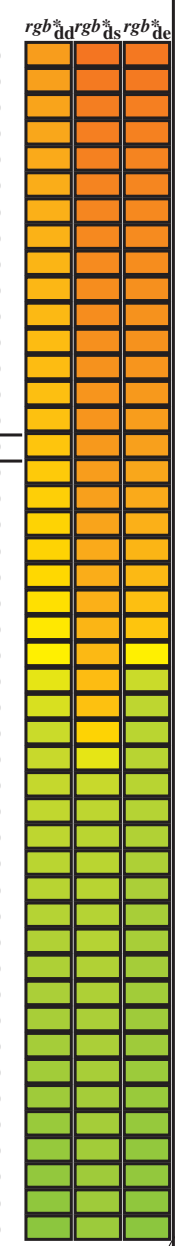
input: rgb/cmyk -> rgb<sub>e</sub> output: overføring til cmyk<sub>e</sub>

teknisk informasjon: http://www.ps.bam.de eller http://130.149.60.45/~farbmetrik

TUB registrering: 20150701-RN09/RN09LONP.PDF /.PS anvendelse for måling av laserprinter output, separasjon cmyrn6 (CMYK) TUB-material: code=rh4ta

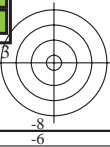
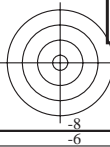
Data til maksimalfargen M in fargemetrisk system Laser printer output; separation cmyn6\*; D65 for input eller output; Seks fargetonevinkler til 60 graders standardfargene RYGCBM<sub>c</sub>: h<sub>ab,ds</sub> = 30.0, 90.0, 150.0, 210.0, 270.0, 330.0; seks fargetonevinkler til apparatfargene RYGCBM<sub>a</sub>: h<sub>ab,d</sub> = 33.5, 100.6, 155.5, 235.2, 290.8, 348.9; seks fargetonevinkler til elementærfargene RYGCBM<sub>e</sub>: h<sub>ab,e</sub> = 25.5, 92.3, 162.2, 217.0, 271.7, 328.6

Table with columns for color coordinates (h<sub>ab,d</sub>, h<sub>ab,s</sub>, h<sub>ab,e</sub>, etc.) and color names (R<sub>d</sub>, Y<sub>d</sub>, Y<sub>s</sub>, Y<sub>e</sub>). The table contains 27 rows of data, each representing a different color patch with its corresponding colorimetric values.



se lignende filer: http://130.149.60.45/~farbmetrik/RN09/RN09.HTM  
teknisk informasjon: http://www.ps.bam.de eller http://130.149.60.45/~farbmetrik

TUB registrering: 20150701-RN09/RN09LONP.PDF /.PS  
TUB-material: code=rh4ta  
anvendelse for måling av laserprinter output, separasjon cmyn6 (CMYK)





Data til maksimalfargen M in fargemetrisk system Laser printer output; separation cmy<sub>6</sub>\*; D65 for input eller output; Seks fargetonevinkler til 60 graders standardfargene RY<sub>6</sub>CBM<sub>c</sub>; h<sub>ab,ds</sub> = 30.0, 90.0, 150.0, 210.0, 270.0, 330.0; seks fargetonevinkler til apparatfargene RY<sub>6</sub>CBM<sub>a</sub>; h<sub>ab,d</sub> = 33.5, 100.6, 155.5, 235.2, 290.8, 348.9; seks fargetonevinkler til elementærfargene RY<sub>6</sub>CBM<sub>e</sub>; h<sub>ab,e</sub> = 25.5, 92.3, 162.2, 217.0, 271.7, 328.6

Table with 24 columns: h<sub>ab,d</sub>, h<sub>ab,s</sub>, h<sub>ab,e</sub>, r<sub>gb</sub>\*\_dd361M, LAB\*\_ddx361Mi (x=LabCh), r<sub>gb</sub>\*\_ds361Mi, LAB\*\_dsx361Mi (x=LabCh), r<sub>gb</sub>\*\_dd361Mi, LAB\*\_de361Mi, dex361Mi (x=LabCh), r<sub>gb</sub>\*\_dd361Mi, r<sub>gb</sub>\*\_dd361Mi, r<sub>gb</sub>\*\_ds361Mi, r<sub>gb</sub>\*\_ds361Mi, r<sub>gb</sub>\*\_ds361Mi. Rows 168-235.

teknisk informasjon: http://130.149.60.45/~farbmetrik/RN09/RN09.HTM

TUB registrering: 20150701-RN09/RN09LONP.PDF /.PS anvendelse for måling av laserprinter output, separasjon cmy<sub>6</sub> (CMYK) TUB-material: code=rh4ta







Data til maksimalfargen M i fargemetrisk system Laser printer output; separation cmy<sup>6</sup>\*, D65; for input eller output; Seks fargetonevinkler til 60 graders standardfargene RY<sup>6</sup>CBM<sub>c</sub>; h<sub>ab,ds</sub> = 30.0, 90.0, 150.0, 210.0, 270.0, 330.0; seks fargetonevinkler til apparatfargene RY<sup>6</sup>CBM<sub>a</sub>; h<sub>ab,d</sub> = 33.5, 100.6, 155.5, 235.2, 290.8, 348.9; seks fargetonevinkler til elementærfargene RY<sup>6</sup>CBM<sub>e</sub>; h<sub>ab,e</sub> = 25.5, 92.3, 162.2, 217.0, 271.7, 328.6

Table with 33 columns: h<sub>ab,d</sub>, h<sub>ab,s</sub>, h<sub>ab,e</sub>, r<sup>6</sup>g<sup>6</sup>b<sup>6</sup>\*, dd361M, LAB\*<sub>s</sub>, ddx361Mi (x=LabCh), r<sup>6</sup>g<sup>6</sup>b<sup>6</sup>\*, ds361Mi, LAB\*<sub>s</sub>, dsx361Mi (x=LabCh), r<sup>6</sup>g<sup>6</sup>b<sup>6</sup>\*, dd361Mi, r<sup>6</sup>g<sup>6</sup>b<sup>6</sup>\*, de361Mi, LAB\*<sub>s</sub>, dex361Mi (x=LabCh), r<sup>6</sup>g<sup>6</sup>b<sup>6</sup>\*, dd361Mi, r<sup>6</sup>g<sup>6</sup>b<sup>6</sup>\*, dd361Mi, r<sup>6</sup>g<sup>6</sup>b<sup>6</sup>\*, ds361Mi, r<sup>6</sup>g<sup>6</sup>b<sup>6</sup>\*, ds361Mi. Rows 324-354.

5-0131530-L0 RN090-71 LAB\*la, YN=0%, XYZnw=3.9, 4.1, 4.1, 84.7, 89.6, 93.9, LAB\*nw=23.9, 0.0, 0.0, 95.8, 0.0, 0.0

output: Laser printer output; separation cmy<sup>6</sup>\*, D65, side 16/33

TUB-prøveplansje RN09; farbetoneplan: H<sup>\*</sup><sub>e</sub>=G75B<sub>e</sub>  
48-trinns fargetonesirkel; r<sup>6</sup>g<sup>6</sup>b<sup>6</sup>-LabCh\*tabeller

input: r<sup>6</sup>g<sup>6</sup>b<sup>6</sup>/cmyk -> r<sup>6</sup>g<sup>6</sup>b<sup>6</sup>  
output: overføring til cmyk<sub>e</sub>

se liggende filer: http://130.149.60.45/~farbmetrik/RN09/RN09.HTM  
teknisk informasjon: http://www.ps.bam.de eller http://130.149.60.45/~farbmetrik

TUB registrering: 20150701-RN09/RN09LONP.PDF /.PS  
anvendelse for måling av laserprinter output, separasjon cmy<sup>6</sup> (CMYK)  
TUB-material: code=rh4ta



Data til maksimumsfargen M i fargemetrisk system Laser printer output; separation cmy<sup>6</sup>\*, D65 for input eller output; Seks fargetonevinkler til 60 graders standardfargene RY<sup>6</sup>CBM<sub>c</sub>; h<sub>ab,ds</sub> = 30.0, 90.0, 150.0, 210.0, 270.0, 330.0; seks fargetonevinkler til apparatfargene RY<sup>6</sup>CBM<sub>c</sub>; h<sub>ab,d</sub> = 33.5, 100.6, 155.5, 235.2, 290.8, 348.9; seks fargetonevinkler til elementærfargene RY<sup>6</sup>CBM<sub>c</sub>; h<sub>ab,e</sub> = 25.5, 92.3, 162.2, 217.0, 271.7, 328.6

Table with columns for h<sub>ab,d</sub>, h<sub>ab,s</sub>, h<sub>ab,e</sub>, and various RY<sup>6</sup>CBM<sub>c</sub> color values (ds361Mi, LAB\*, dsx361Mi, rgb\*). Rows 354-393.

teknisk informasjon: http://www.ps.bam.de eller http://130.149.60.45/~farbmetrik

TUB registrering: 20150701-RN09/RN09LONP.PDF /.PS  
anvendelse for måling av laserprinter output, separasjon cmy<sup>6</sup> (CMYK)  
TUB-material: code=rh4ta



http://130.149.60.45/~farbmetrik/RN09/RN09LONP.PDF /.PS; overføring output N: ingen 3D-linearisering (OL) i fil (F) eller PS-startup (S), side 19/33

Table with columns: nif, HHC\*Fe, rpb\*Fe, icr\*Fe, hsa\*Fe, rpb\*Fe, LabCH\*Fe, LabCH\*Fe, rpb\*Fe, DF\*Fe, Hsa\*Fe, rpb\*Me, LabCH\*Me, LabCH\*Me, rpb\*Me, DF\*Me, Hsa\*Me. Rows include various color and grayscale patches like 0/688 R00Y\_100\_100k, 1/648 R25Y\_100\_100k, etc.

input: rgb/cmyk -> rgbe output: overføring til cmyke

TUB-prøveplansje RN09; farbetoneplan: H\*\_e=G75Be farger og fargeavstander, ΔE\*<sub>uv</sub>

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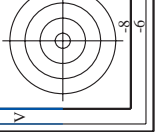
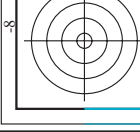
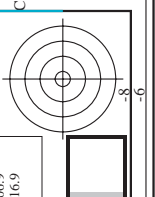
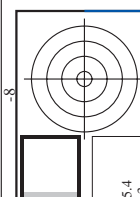
http://130.149.60.45/~farbmetrik/RN09/RN09LONP.PDF /.PS; overføring output N: ingen 3D-linearisering (OL) i fil (F) eller PS-startup (S), side 21/33

Table with columns: n, HHC\*Fe, rpb\*Fe, iet\*Fe, Hs\*Fe, rpb\*Fe, LabCH\*Fe, LabCH\*Fe, rpb\*Fe, LabCH\*Fe, DF\*Fe, rpb\*Fe, LabCH\*Fe, LabCH\*Fe. Rows 81-161.

input: rgb/cmyk -> rgbe output: overføring til cmyke

delta E\* = 12.1





http://130.149.60.45/~farbmetrik/RN09/RN09LONP.PDF /.PS; overføring output  
N: ingen 3D-linearisering (OL) i fil (F) eller PS-startup (S), side 23/33

input: rgb/cmyk -> rgbe  
output: overføring til cmyke

Table with 5 columns: n, HiC\*Fe, rgb\*Fe, iEt\*Fe, LabCh\*Fe, rGb\*Fe, LabCh\*Fe, rGb\*Fe, DF\*Fe, HAm\*Fe, LabCh\*Fe, rGb\*Fe, LabCh\*Fe. Rows 243-523. Includes a delta E\*ab = 10.9 value at the bottom right of the table area.

TUB-prøveplanse RN09; farbetoneplan: H\*e=G75Be  
farger og fargeavstander,  $\Delta E^*$

se lignende filer: http://130.149.60.45/~farbmetrik/RN09/RN09.HTM  
teknisk informasjon: http://www.ps.bam.de eller http://130.149.60.45/~farbmetrik



http://130.149.60.45/~farbmetrik/RN09/RN09LONP.PDF /.PS; overføring output N: ingen 3D-linearisering (OL) i fil (F) eller PS-startup (S), side 24/33

Table with 15 columns: n, HHC\*Fe, rpb\*Fe, icr\*Fe, HsL\*Fe, rpb\*Fe, LabCh\*Fe, LabCh\*Fe, rpb\*Fe, LabCh\*Fe, DF\*Fe, HsM\*Fe, rpb\*Fe, LabCh\*Fe, LabCh\*Fe. Rows 324-404.

input: rgb/cmyk -> rgbe output: overføring til cmyke

delta E\* = 10.9



http://130.149.60.45/~farbmetrik/RN09/RN09LONP.PDF /.PS; overføring output N: ingen 3D-linearisering (OL) i fil (F) eller PS-startup (S), side 26/33

Table with 15 columns: n, HHC%Fe, rpb%Fe, icr%Fe, HsL%Fe, rpb%Fe, LabCh%Fe, LabCh%Fe, rpb%Fe, LabCh%Fe, DF%Fe, Ham%e, rpb%Fe, LabCh%Fe, LabCh%Fe. Rows include color names like R00Y, R35Y, R50Y, etc.

input: rgb/cmyk -> rgbe output: overføring til cmyke

TUB-prøveplansje RN09; farbetoneplan: H\*e=G75Be farger og fargeavstander, ΔE\*

RN090-7N\_26/33-F

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http://130.149.60.45/~farbmetrik/RN09/RN09LONP.PDF /.PS; overføring output N: ingen 3D-linearisering (OL) i fil (F) eller PS-startup (S), side 27/33

Table with 15 columns: n, HHC%Fe, rpb%Fe, iet%Fe, Hs%Fe, rpb%Fe, LabCH%Fe, LabCH%Fe, rpb%Fe, rpb%Fe, LabCH%Fe, DF%Fe, Ham%e, rpb%Fe, LabCH%Fe. Rows 567-647.

input: rgb/cmyk -> rgbe output: overføring til cmyke

delta E\* = 13.7

http://130.149.60.45/~farbmetrik/RN09/RN09LONP.PDF /.PS; overføring output N: ingen 3D-linearisering (OL) i fil (F) eller PS-startup (S), side 28/33

Table with 10 columns: n, HHC\*Fe, rpb\*Fe, icr\*Fe, Hs\*Fe, LabCH\*Fe, rpb\*Fe, LabCH\*Fe, DF\*Fe, Ham\*Fe, rpb\*Fe, LabCH\*Fe. Rows 648-728.

delta E\* = 15.8

TUB-prøveplanse RN09; farbetoneplan: H\*e=G75Be farger og fargeavstander, ΔE\*

input: rgb/cmynk -> rgbe output: overføring til cmynk



http://130.149.60.45/~farbmetrik/RN09/RN09LONP.PDF /.PS; overføring output  
N: ingen 3D-linearisering (OL) i fil (F) eller PS-startup (S), side 30/33

Table with 10 columns: n, HHC\*Fe, rpb\*Fe, icr\*Fe, Hs\*Fe, rpb\*Fe, LabCH\*Fe, LabCH\*Fe, rpb\*Fe, DF\*Fe, Hs\*Me, rpb\*Me, LabCH\*Me, LabCH\*Me. Rows 810-890.

input: rgb/cmyk -> rgbe  
output: overføring til cmyke  
delta E\*\* = 13.2





http://130.149.60.45/~farbmetrik/RN09/RN09LONP.PDF /.PS; overføring output  
N: ingen 3D-linearisering (OL) i fil (F) eller PS-startup (S), side 32/33

Table with columns for color channels (C, M, Y, K) and various colorimetric parameters (H\*E, rg, Lab, etc.) for 152 different color patches. The table is organized in a grid with 8 columns per color channel and 152 rows for color patches. A 'delta E\*ab' column is located at the bottom right of the table.

input: rgb/cmyk -> rgbe  
output: overføring til cmyke

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TUB-prøveplanse RN09; farbetoneplan: H\*E=G75Be

farger og fargeavstander, ΔE\*ab

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http://130.149.60.45/~farbmetrik/RN09/RN09L0NP.PDF /.PS; overføring output  
 N: ingen 3D-linearisering (OL) i fil (F) eller PS-startup (S), side 33/33

n	HC*Fe	rgb*Fe	iet*Fe	hsa*Fe	rgb*Fe	LabCIP*Fe	hsa*Fe	rgb*Fe	LabCIP*Fe	DF*Fe	hsa*Fe	rgb*Fe	LabCIP*Fe	DF*Fe	hsa*Fe	rgb*Fe	LabCIP*Fe
1053	NW_086e	0.866	0.866	0.866	0.866	0.866	86.1	0.866	0.866	0.866	90.6	0.866	0.866	0.866	0.866	0.866	0.866
1054	NW_093e	0.933	0.933	0.933	0.933	0.933	91.0	0.933	0.933	0.933	94.4	0.933	0.933	0.933	0.933	0.933	0.933
1055	NW_100e	1.0	1.0	1.0	1.0	1.0	95.8	1.0	1.0	1.0	95.8	1.0	1.0	1.0	1.0	1.0	1.0
1056	NW_006e	0.066	0.066	0.066	0.066	0.066	28.6	0.066	0.066	0.066	21.5	0.066	0.066	0.066	0.066	0.066	0.066
1057	NW_013e	0.133	0.133	0.133	0.133	0.133	33.4	0.133	0.133	0.133	28.9	0.133	0.133	0.133	0.133	0.133	0.133
1058	NW_020e	0.2	0.2	0.2	0.2	0.2	38.2	0.2	0.2	0.2	37.3	0.2	0.2	0.2	0.2	0.2	0.2
1059	NW_026e	0.266	0.266	0.266	0.266	0.266	42.9	0.266	0.266	0.266	44.2	0.266	0.266	0.266	0.266	0.266	0.266
1060	NW_033e	0.333	0.333	0.333	0.333	0.333	47.8	0.333	0.333	0.333	49.9	0.333	0.333	0.333	0.333	0.333	0.333
1061	NW_040e	0.4	0.4	0.4	0.4	0.4	52.6	0.4	0.4	0.4	53.8	0.4	0.4	0.4	0.4	0.4	0.4
1062	NW_046e	0.466	0.466	0.466	0.466	0.466	57.3	0.466	0.466	0.466	59.7	0.466	0.466	0.466	0.466	0.466	0.466
1063	NW_053e	0.533	0.533	0.533	0.533	0.533	62.2	0.533	0.533	0.533	65.4	0.533	0.533	0.533	0.533	0.533	0.533
1064	NW_059e	0.599	0.599	0.599	0.599	0.599	66.6	0.599	0.599	0.599	68.8	0.599	0.599	0.599	0.599	0.599	0.599
1065	NW_066e	0.666	0.666	0.666	0.666	0.666	71.7	0.666	0.666	0.666	75.5	0.666	0.666	0.666	0.666	0.666	0.666
1066	NW_073e	0.734	0.734	0.734	0.734	0.734	76.6	0.734	0.734	0.734	80.8	0.734	0.734	0.734	0.734	0.734	0.734
1067	NW_079e	0.799	0.799	0.799	0.799	0.799	81.4	0.799	0.799	0.799	85.3	0.799	0.799	0.799	0.799	0.799	0.799
1068	NW_086e	0.866	0.866	0.866	0.866	0.866	86.1	0.866	0.866	0.866	90.2	0.866	0.866	0.866	0.866	0.866	0.866
1069	NW_093e	0.933	0.933	0.933	0.933	0.933	91.0	0.933	0.933	0.933	94.2	0.933	0.933	0.933	0.933	0.933	0.933
1070	NW_100e	1.0	1.0	1.0	1.0	1.0	95.8	1.0	1.0	1.0	95.8	1.0	1.0	1.0	1.0	1.0	1.0
1071	NW_006e	0.066	0.066	0.066	0.066	0.066	23.8	0.066	0.066	0.066	19.2	0.066	0.066	0.066	0.066	0.066	0.066
1072	NW_013e	0.133	0.133	0.133	0.133	0.133	28.6	0.133	0.133	0.133	24.0	0.133	0.133	0.133	0.133	0.133	0.133
1073	NW_020e	0.2	0.2	0.2	0.2	0.2	33.4	0.2	0.2	0.2	28.9	0.2	0.2	0.2	0.2	0.2	0.2
1074	ROXY_100_100e	1.0	1.0	1.0	1.0	1.0	95.8	1.0	1.0	1.0	95.8	1.0	1.0	1.0	1.0	1.0	1.0
1075	GS0BL_100_100e	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
1076	Y06G_100_100e	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
1077	B06L_100_100e	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
1078	B06R_100_100e	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
1079	B50RL_100_100e	1.0	0.0	1.0	1.0	0.5	35.0	0.584	0.0	1.0	48.3	0.584	0.0	1.0	0.146	0.584	0.0

delta E\* = 6.3

input: rgb/cmyk -> rgbe  
 output: overføring til cmyke

TUB-prøveplanse RN09; farbetoneplan: H\*\_e=G75Be  
 farger og fargeavstander, ΔE\*<sub>uv</sub>

RN090-7N\_33/33-F

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