

Input og output: Offset-Reflektiv-System ORS18a for relativ CIELAB fargetone $h_{ab,a,rel} = h_{ab}/360 = 31/360 = 0.08$

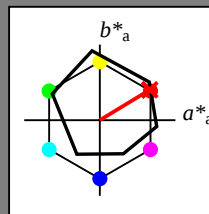
Data for ethvert apparat (d) eller
elementærfarge (e):

HIC^*

fargetonetekst for fargene
på denne siden:

$H^*_ = R00Y_-$

trekantslyshet T^*



ORS18a; adapterte (a) CIELAB data

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

Data for maksimalfarge (Ma):

$LabCh^*_{-,Ma}$: 48 66 40 77 31

$HIC^*_{-,Ma}$: R00Y_100_100_

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

1.0 0.0 0.0 1.0 1.0

trekantslyshet T^*

%Omfang

$u^*_{rel} = 92$

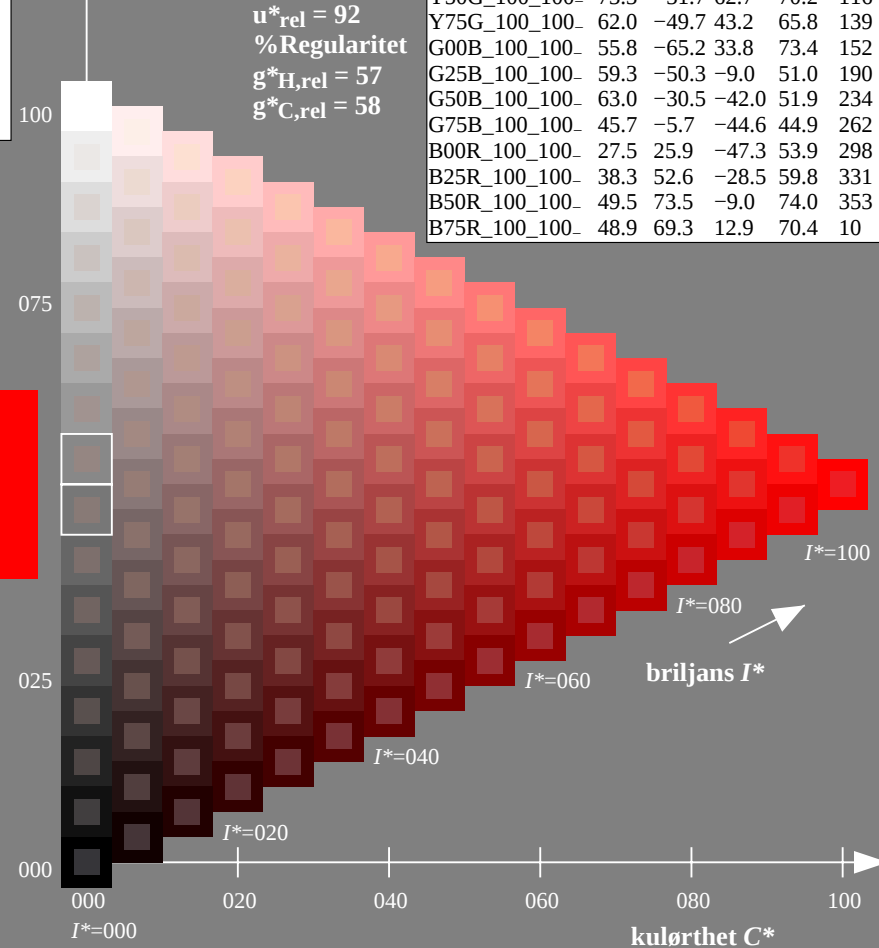
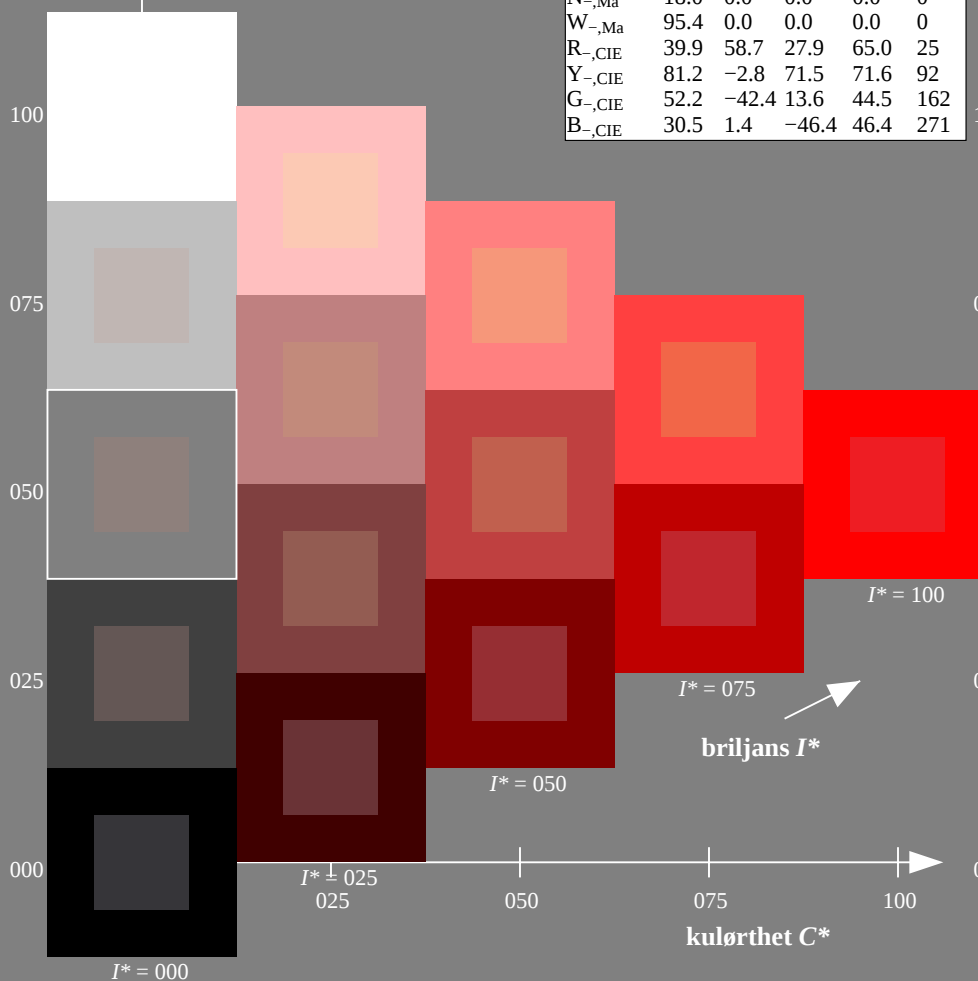
%Regularitet

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

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

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



5-013031-L0 PN980-7N

TUB-prøveplansje PN98; farbetoneplan: $H^*_ = R00Y_-$
prøveplansje infølge DIN 33872, 3D=0, de=1, cm_y0

input: $rgb/cmyk \rightarrow rgb/cmyk$
output: ingen ending

Input og output: Offset-Reflektiv-System ORS18a for relativ CIELAB fargetone $h_{ab,a,rel} = h_{ab}/360 = 25/360 = 0.07$

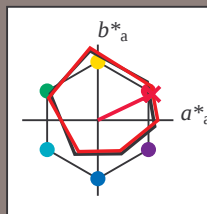
Data for ethvert apparat (d) eller
elementærfarge (e):

HIC^*_e

fargetonetekst for fargene
på denne siden:

$H^*_e = R00Y_e$

trekantslyshet T^*



ORS20a; adapterte (a) CIELAB data

navn	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
R _e ,Ma	45.6	72.2	34.4	80.0	25
Y _e ,Ma	83.6	-3.6	90.4	90.4	92
G _e ,Ma	50.6	-62.1	19.9	65.2	162
C _e ,Ma	55.0	-36.2	-27.2	45.3	216
B _e ,Ma	40.2	1.2	-40.6	40.6	271
M _e ,Ma	31.1	47.7	-29.1	55.9	328
N _e ,Ma	24.3	0.0	0.0	0.0	0
W _e ,Ma	95.6	0.0	0.0	0.0	0
R _e ,CIE	39.9	58.7	27.9	65.0	25
Y _e ,CIE	81.2	-2.8	71.5	71.6	92
G _e ,CIE	52.2	-42.4	13.6	44.5	162
B _e ,CIE	30.5	1.4	-46.4	46.4	271

Data for maksimalfarge (Ma):

$LabCh^*_{e,Ma}$: 45 72 34 80 25

$HIC^*_{e,Ma}$: R00Y_100_100_e

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

1.0 0.0 0.25 1.0 1.0

trekantslyshet T^*

%Omfang

$u^*_{rel} = 92$

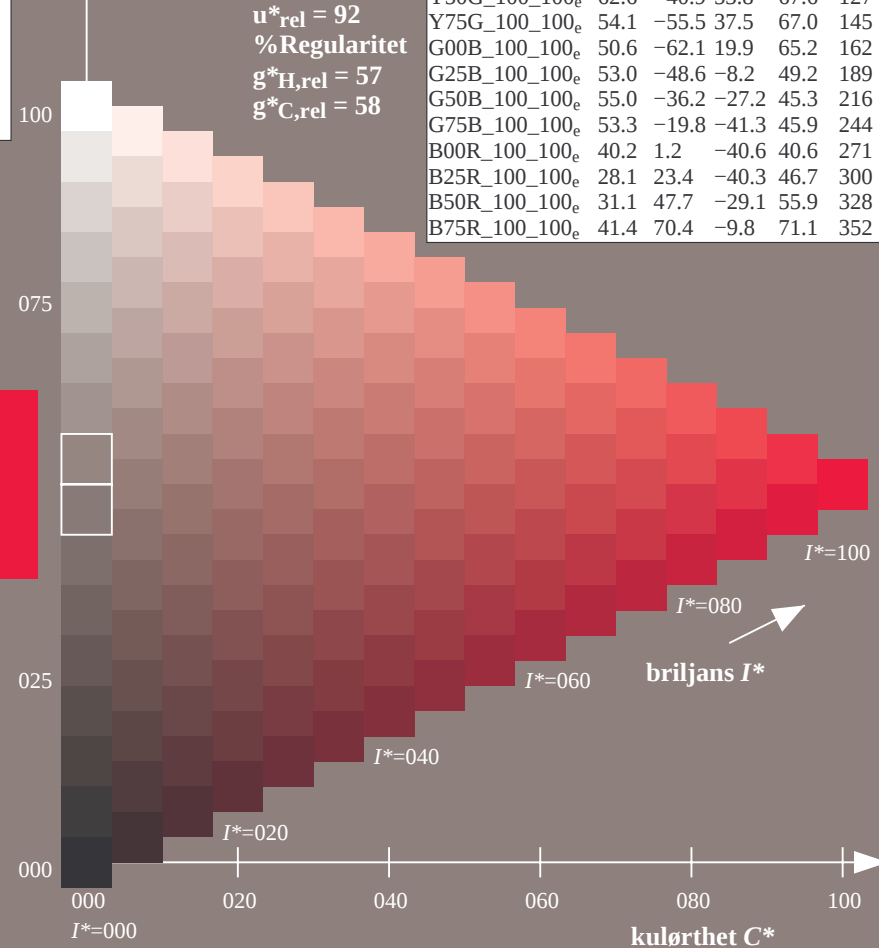
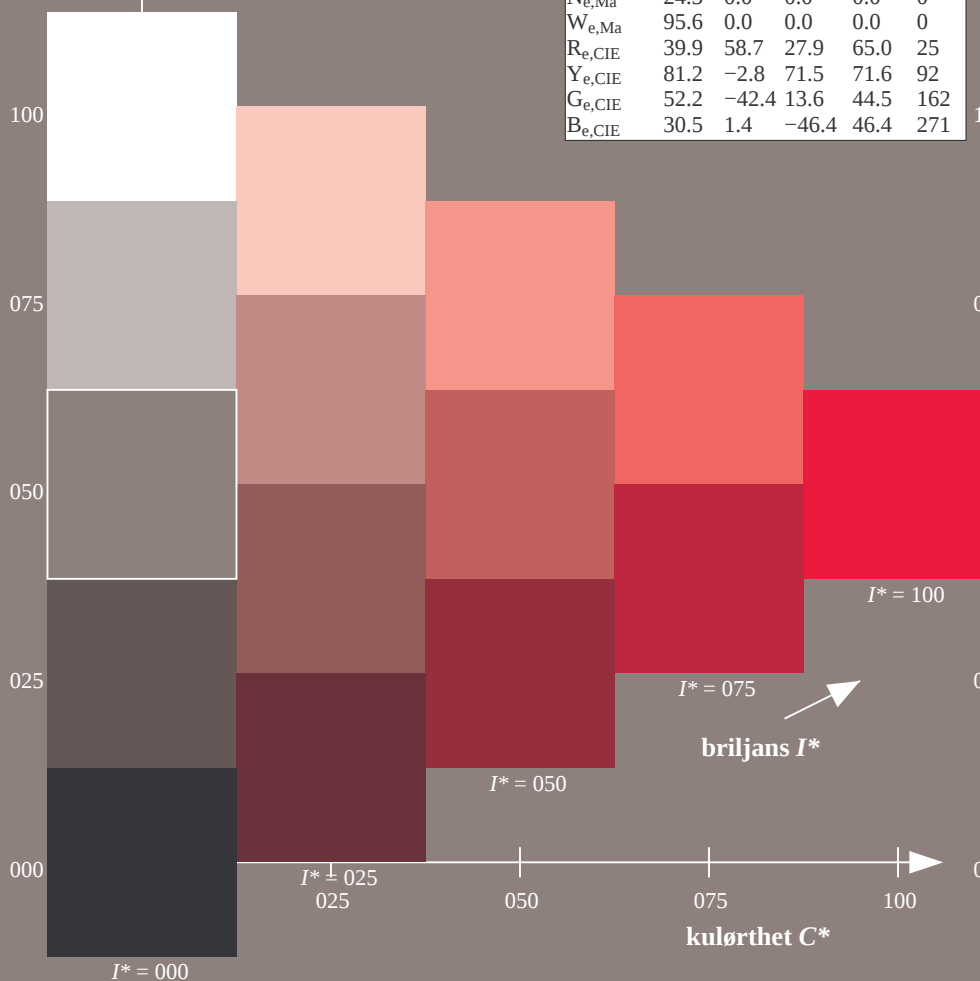
%Regularitet

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

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

ORS20a; adapterte (a) CIELAB data

H^*_e	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
R00Y_100_100 _e	45.6	72.2	34.4	80.0	25
R25Y_100_100 _e	50.5	59.2	51.6	78.6	41
R50Y_100_100 _e	60.2	38.2	63.4	74.1	58
R75Y_100_100 _e	70.9	17.9	75.9	77.9	76
Y00G_100_100 _e	83.6	-3.6	90.4	90.4	92
Y25G_100_100 _e	74.5	-25.0	74.3	78.4	108
Y50G_100_100 _e	62.6	-40.9	53.8	67.6	127
Y75G_100_100 _e	54.1	-55.5	37.5	67.0	145
G00B_100_100 _e	50.6	-62.1	19.9	65.2	162
G25B_100_100 _e	53.0	-48.6	-8.2	49.2	189
G50B_100_100 _e	55.0	-36.2	-27.2	45.3	216
G75B_100_100 _e	53.3	-19.8	-41.3	45.9	244
B00R_100_100 _e	40.2	1.2	-40.6	40.6	271
B25R_100_100 _e	28.1	23.4	-40.3	46.7	300
B50R_100_100 _e	31.1	47.7	-29.1	55.9	328
B75R_100_100 _e	41.4	70.4	-9.8	71.1	352



5-013131-L0 PN980-71

TUB-prøveplansje PN98; farbetoneplan: $H^*_e=R00Y_e$
prøveplansje infølge DIN 33872, 3D=0, de=1, $cmY0$

input: $rgb/cmyk \rightarrow rgb_e$
output: overføring til $cmY0_e$

Input og output: Offset-Reflektiv-System ORS18a for relativ CIELAB fargetone $h_{ab,a,rel} = h_{ab}/360 = 25/360 = 0.07$

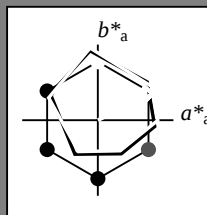
Data for ethvert apparat (d) eller
elementærfarge (e):

HIC^*_e

fargetonetekst for fargene
på denne siden:

$H^*_e = R00Y_e$

trekantslyshet T^*



ORS20a; adapterte (a) CIELAB data

navn	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
$R_{e,Ma}$	45.6	72.2	34.4	80.0	25
$Y_{e,Ma}$	83.6	-3.6	90.4	90.4	92
$G_{e,Ma}$	50.6	-62.1	19.9	65.2	162
$C_{e,Ma}$	55.0	-36.2	-27.2	45.3	216
$B_{e,Ma}$	40.2	1.2	-40.6	40.6	271
$M_{e,Ma}$	31.1	47.7	-29.1	55.9	328
$N_{e,Ma}$	24.3	0.0	0.0	0.0	0
$W_{e,Ma}$	95.6	0.0	0.0	0.0	0
$R_{e,CIE}$	39.9	58.7	27.9	65.0	25
$Y_{e,CIE}$	81.2	-2.8	71.5	71.6	92
$G_{e,CIE}$	52.2	-42.4	13.6	44.5	162
$B_{e,CIE}$	30.5	1.4	-46.4	46.4	271

Data for maksimalfarge (Ma):

$LabCh^*_{e,Ma}$: 45 72 34 80 25

$HIC^*_{e,Ma}$: R00Y_100_100_e

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

1.0 0.0 0.25 1.0 1.0

trekantslyshet T^*

%Omfang

$u^*_{rel} = 92$

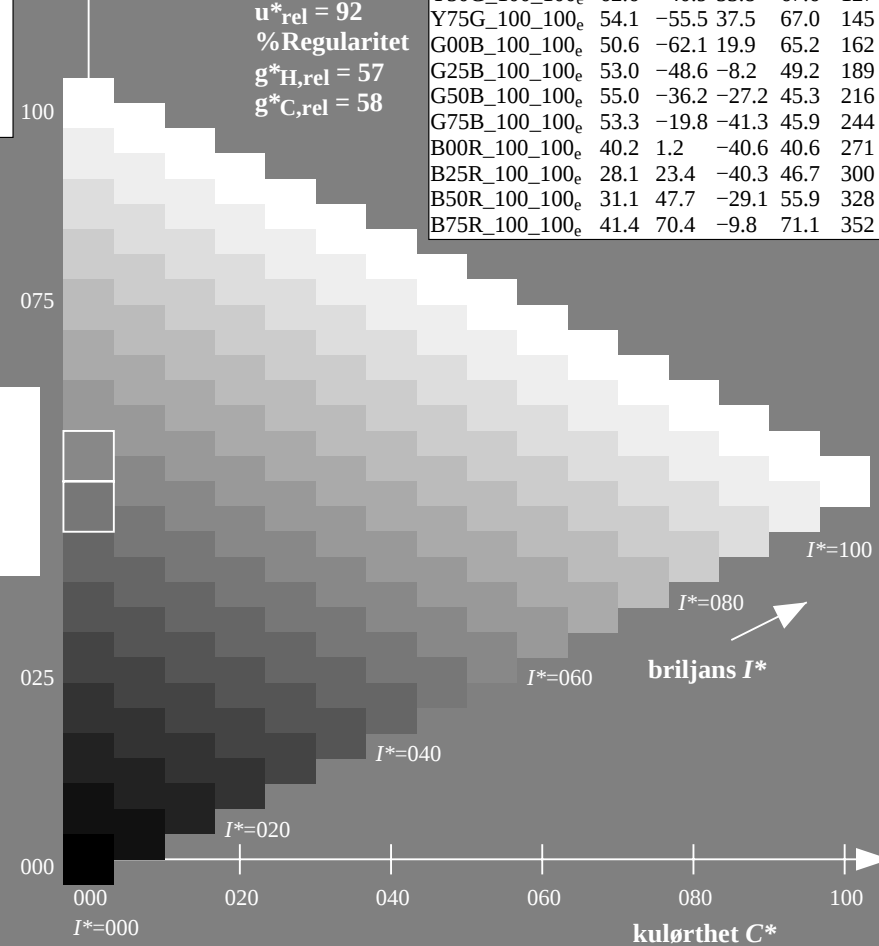
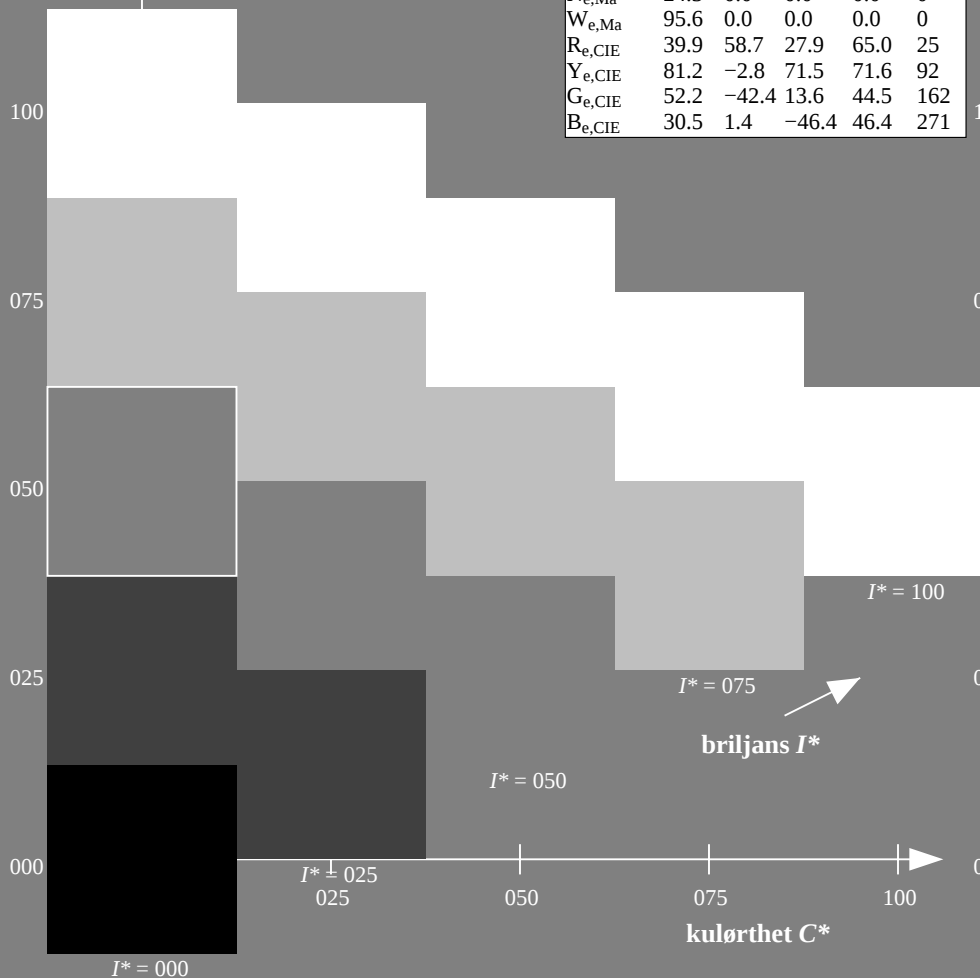
%Regularitet

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

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

ORS20a; adapterte (a) CIELAB data

H^*_e	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
R00Y_100_100_e	45.6	72.2	34.4	80.0	25
R25Y_100_100_e	50.5	59.2	51.6	78.6	41
R50Y_100_100_e	60.2	38.2	63.4	74.1	58
R75Y_100_100_e	70.9	17.9	75.9	77.9	76
Y00G_100_100_e	83.6	-3.6	90.4	90.4	92
Y25G_100_100_e	74.5	-25.0	74.3	78.4	108
Y50G_100_100_e	62.6	-40.9	53.8	67.6	127
Y75G_100_100_e	54.1	-55.5	37.5	67.0	145
G00B_100_100_e	50.6	-62.1	19.9	65.2	162
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B50R_100_100_e	31.1	47.7	-29.1	55.9	328
B75R_100_100_e	41.4	70.4	-9.8	71.1	352



TUB-prøveplansje PN98; farbetoneplan: $H^*_e=R00Y_e$
prøveplansje infølge DIN 33872, 3D=0, de=1, cmy0

input: $rgb/cmyk \rightarrow rgb_e$
output: overføring til $cmy0_e$

Input og output: Offset-Reflektiv-System ORS18a for relativ CIELAB fargetone $h_{ab,a,rel} = h_{ab}/360 = 25/360 = 0.07$

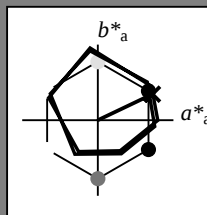
Data for ethvert apparat (d) eller
elementærfarge (e):

HIC^*_e

fargetonetekst for fargene
på denne siden:

$H^*_e = R00Y_e$

trekantslyshet T^*



ORS20a; adapterte (a) CIELAB data

navn	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
$R_{e,Ma}$	45.6	72.2	34.4	80.0	25
$Y_{e,Ma}$	83.6	-3.6	90.4	90.4	92
$G_{e,Ma}$	50.6	-62.1	19.9	65.2	162
$C_{e,Ma}$	55.0	-36.2	-27.2	45.3	216
$B_{e,Ma}$	40.2	1.2	-40.6	40.6	271
$M_{e,Ma}$	31.1	47.7	-29.1	55.9	328
$N_{e,Ma}$	24.3	0.0	0.0	0.0	0
$W_{e,Ma}$	95.6	0.0	0.0	0.0	0
$R_{e,CIE}$	39.9	58.7	27.9	65.0	25
$Y_{e,CIE}$	81.2	-2.8	71.5	71.6	92
$G_{e,CIE}$	52.2	-42.4	13.6	44.5	162
$B_{e,CIE}$	30.5	1.4	-46.4	46.4	271

Data for maksimalfarge (Ma):

$LabCh^*_{e,Ma}$: 45 72 34 80 25

$HIC^*_{e,Ma}$: R00Y_100_100_e

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

1.0 0.0 0.25 1.0 1.0

trekantslyshet T^*

%Omfang

$u^*_{rel} = 92$

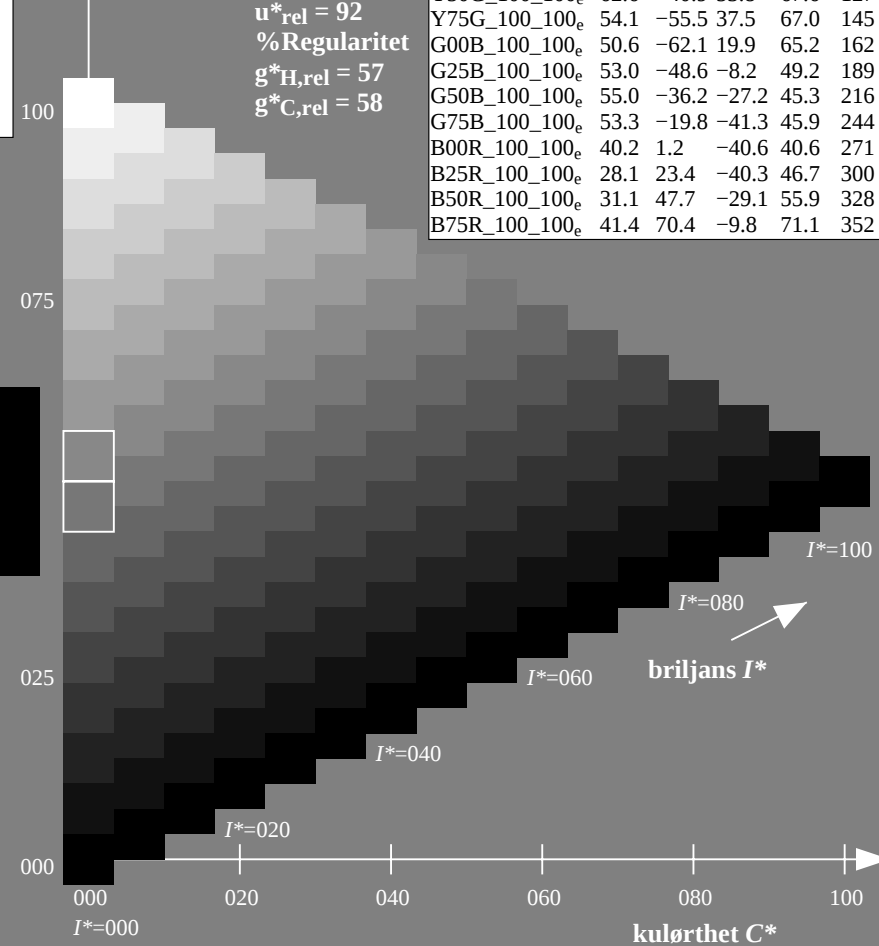
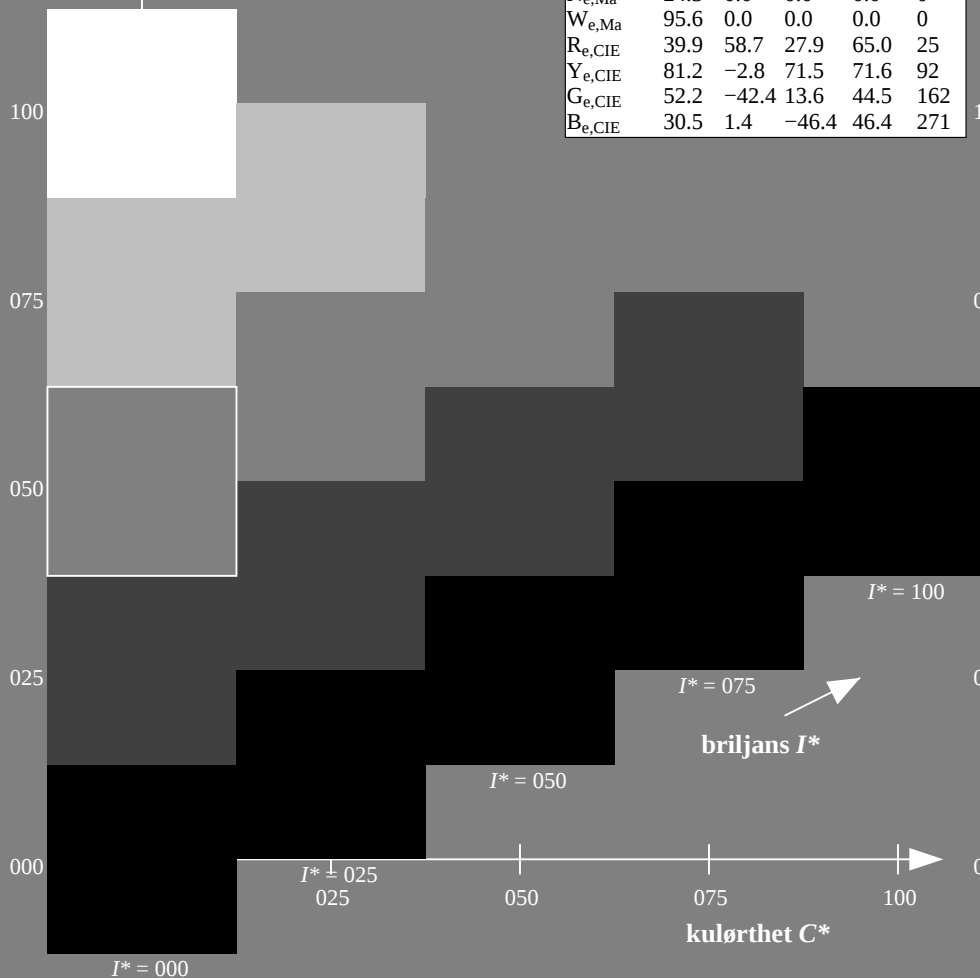
%Regularitet

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

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

ORS20a; adapterte (a) CIELAB data

H^*_e	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
R00Y_100_100_e	45.6	72.2	34.4	80.0	25
R25Y_100_100_e	50.5	59.2	51.6	78.6	41
R50Y_100_100_e	60.2	38.2	63.4	74.1	58
R75Y_100_100_e	70.9	17.9	75.9	77.9	76
Y00G_100_100_e	83.6	-3.6	90.4	90.4	92
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B75R_100_100_e	41.4	70.4	-9.8	71.1	352



5-013331-L0 PN980-71

TUB-prøveplansje PN98; farbetoneplan: $H^*_e=R00Y_e$
prøveplansje infølge DIN 33872, 3D=0, de=1, $cmY0$

input: $rgb/cmyk \rightarrow rgb_e$
output: overføring til $cmY0_e$

Input og output: Offset-Reflektiv-System ORS18a for relativ CIELAB fargetone $h_{ab,a,rel} = h_{ab}/360 = 25/360 = 0.07$

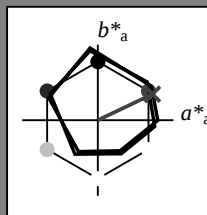
Data for ethvert apparat (d) eller
elementærfarge (e):

HIC^*_e

fargetonetekst for fargene
på denne siden:

$H^*_e = R00Y_e$

trekantslyshet T^*



ORS20a; adapterte (a) CIELAB data

navn	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
$R_{e,Ma}$	45.6	72.2	34.4	80.0	25
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$M_{e,Ma}$	31.1	47.7	-29.1	55.9	328
$N_{e,Ma}$	24.3	0.0	0.0	0.0	0
$W_{e,Ma}$	95.6	0.0	0.0	0.0	0
$R_{e,CIE}$	39.9	58.7	27.9	65.0	25
$Y_{e,CIE}$	81.2	-2.8	71.5	71.6	92
$G_{e,CIE}$	52.2	-42.4	13.6	44.5	162
$B_{e,CIE}$	30.5	1.4	-46.4	46.4	271

Data for maksimalfarge (Ma):

$LabCh^*_{e,Ma}$: 45 72 34 80 25

$HIC^*_{e,Ma}$: R00Y_100_100_e

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

1.0 0.0 0.25 1.0 1.0

trekantslyshet T^*

%Omfang

$u^*_{rel} = 92$

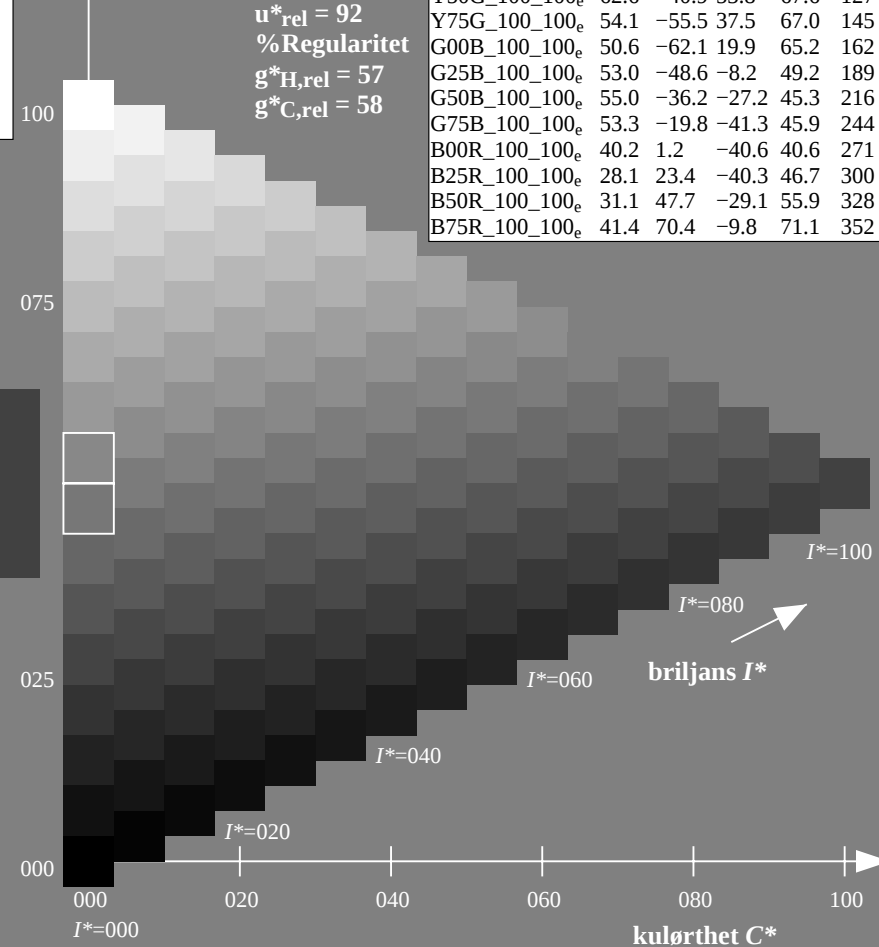
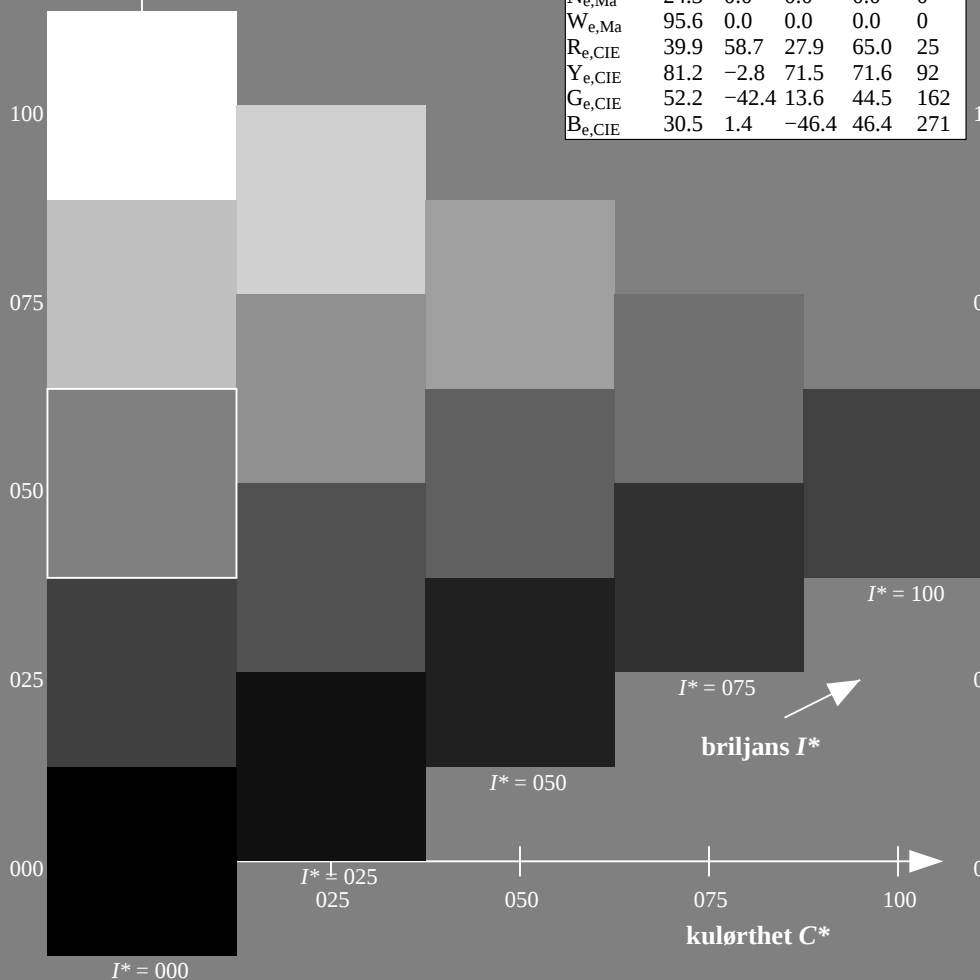
%Regularitet

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

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

ORS20a; adapterte (a) CIELAB data

H^*_e	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
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R25Y_100_100_e	50.5	59.2	51.6	78.6	41
R50Y_100_100_e	60.2	38.2	63.4	74.1	58
R75Y_100_100_e	70.9	17.9	75.9	77.9	76
Y00G_100_100_e	83.6	-3.6	90.4	90.4	92
Y25G_100_100_e	74.5	-25.0	74.3	78.4	108
Y50G_100_100_e	62.6	-40.9	53.8	67.6	127
Y75G_100_100_e	54.1	-55.5	37.5	67.0	145
G00B_100_100_e	50.6	-62.1	19.9	65.2	162
G25B_100_100_e	53.0	-48.6	-8.2	49.2	189
G50B_100_100_e	55.0	-36.2	-27.2	45.3	216
G75B_100_100_e	53.3	-19.8	-41.3	45.9	244
B00R_100_100_e	40.2	1.2	-40.6	40.6	271
B25R_100_100_e	28.1	23.4	-40.3	46.7	300
B50R_100_100_e	31.1	47.7	-29.1	55.9	328
B75R_100_100_e	41.4	70.4	-9.8	71.1	352



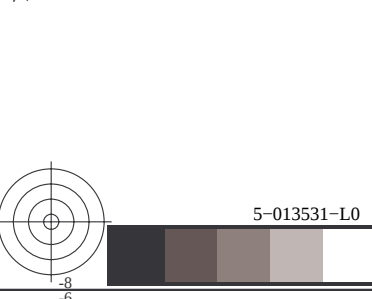
5-013431-L0 PN980-71

TUB-prøveplansje PN98; farbetoneplan: $H^*_e=R00Y_e$
prøveplansje infølge DIN 33872, 3D=0, de=1, cmy0

input: $rgb/cmyk \rightarrow rgb_e$
output: overføring til $cmy0_e$



se lignende filer: <http://130.149.60.45/~farbmetrik/PN98/PN98L0NP.PDF> /.PS; overføring output
N: ingen 3D-linearisering (OL) i fil (F) eller PS-startup (S), side 6/33



5-013531-E0



5-013531-L0 PN980-71

TUB-prøveplansje PN98; farbetoneplan: $H^*_e=R00Y_e$
prøveplansje infølge DIN 33872, 3D=0, de=1, cmy0

input: $rgb/cmyk \rightarrow rgb_e$
output: overføring til $cmy0_e$



5-013531-E0

Data til maksimalfargen M in fargemetrisk system Offset standard print; separation cmy0*, D65 for input eller output; Seks fargetonevinkler til 60 graders standardfargene RYGBM_s: $h_{ab,ds} = 30.0, 90.0, 150.0, 210.0, 270.0, 330.0$; seks fargetonevinkler til apparatfargene RYGBM_d: $h_{ab,d} = 32.3, 96.1, 155.5, 238.4, 306.2, 359.8$; seks fargetonevinkler til elementærfargene RYGBM_e: $h_{ab,e} = 25.5, 92.3, 162.2, 217.0, 271.7, 328.6$

$J=Y_d$

$LCH^*_d = 87.8 \ 96.0 \ 96.1$
 $LAB^*_d = 87.8 \ -10.2 \ 95.4$
 $rgb^*_d = 1.0 \ 1.0 \ 0.0$

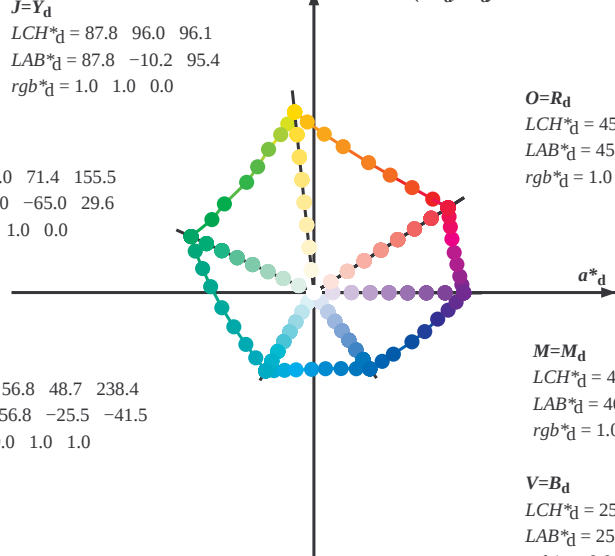
$L=G_d$

$LCH^*_d = 50.0 \ 71.4 \ 155.5$
 $LAB^*_d = 50.0 \ -65.0 \ 29.6$
 $rgb^*_d = 0.0 \ 1.0 \ 0.0$

$C=C_d$

$LCH^*_d = 56.8 \ 48.7 \ 238.4$
 $LAB^*_d = 56.8 \ -25.5 \ -41.5$
 $rgb^*_d = 0.0 \ 1.0 \ 1.0$

b^*_d CIELAB (a^*_d, b^*_d)



$O=R_d$

$LCH^*_d = 45.4 \ 83.9 \ 32.3$
 $LAB^*_d = 45.4 \ 70.9 \ 44.8$
 $rgb^*_d = 1.0 \ 0.0 \ 0.0$

$M=M_d$

$LCH^*_d = 46.1 \ 79.3 \ 359.8$
 $LAB^*_d = 46.1 \ 79.3 \ -0.2$
 $rgb^*_d = 1.0 \ 0.0 \ 1.0$

$V=B_d$

$LCH^*_d = 25.0 \ 50.0 \ 306.2$
 $LAB^*_d = 25.0 \ 29.5 \ -40.4$
 $rgb^*_d = 0.0 \ 0.0 \ 1.0$

Y_e

$LCH^*_e = 83.6 \ 90.4 \ 92.3$
 $LAB^*_e = 83.6 \ -3.6 \ 90.4$
 $rgb^*_{de} = 1.0 \ 0.878 \ 0.0$

G_e

$LCH^*_e = 50.6 \ 65.2 \ 162.2$
 $LAB^*_e = 50.6 \ -62.1 \ 19.9$
 $rgb^*_{de} = 0.0 \ 1.0 \ 0.151$

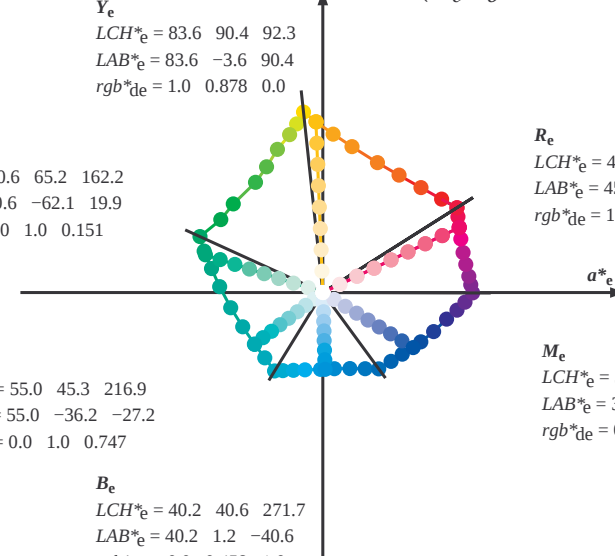
C_e

$LCH^*_e = 55.0 \ 45.3 \ 216.9$
 $LAB^*_e = 55.0 \ -36.2 \ -27.2$
 $rgb^*_{de} = 0.0 \ 1.0 \ 0.747$

B_e

$LCH^*_e = 40.2 \ 40.6 \ 271.7$
 $LAB^*_e = 40.2 \ 1.2 \ -40.6$
 $rgb^*_{de} = 0.0 \ 0.458 \ 1.0$

b^*_e CIELAB (a^*_e, b^*_e)



R_e

$LCH^*_e = 45.6 \ 80.0 \ 25.4$
 $LAB^*_e = 45.6 \ 72.2 \ 34.4$
 $rgb^*_{de} = 1.0 \ 0.0 \ 0.254$

M_e

$LCH^*_e = 31.1 \ 55.9 \ 328.6$
 $LAB^*_e = 31.1 \ 47.7 \ -29.1$
 $rgb^*_{de} = 0.321 \ 0.0 \ 1.0$

b^*_s CIELAB (a^*_s, b^*_s)

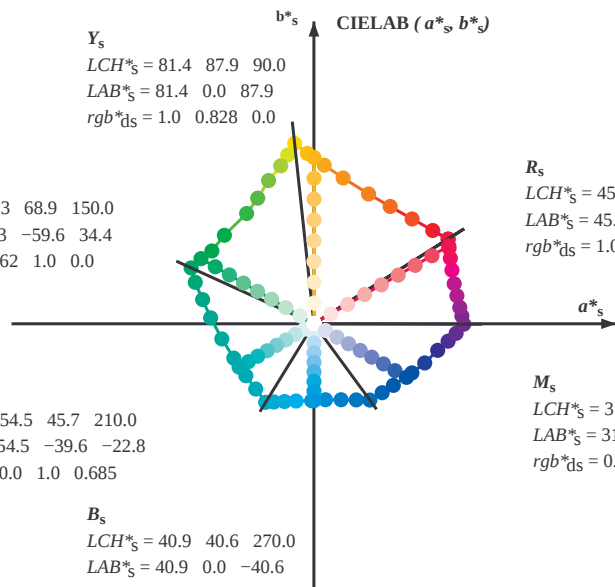
Y_s
 $LCH^*_s = 81.4 \ 87.9 \ 90.0$
 $LAB^*_s = 81.4 \ 0.0 \ 87.9$
 $rgb^*_{ds} = 1.0 \ 0.828 \ 0.0$

G_s

$LCH^*_s = 52.3 \ 68.9 \ 150.0$
 $LAB^*_s = 52.3 \ -59.6 \ 34.4$
 $rgb^*_{ds} = 0.062 \ 1.0 \ 0.0$

C_s

$LCH^*_s = 54.5 \ 45.7 \ 210.0$
 $LAB^*_s = 54.5 \ -39.6 \ -22.8$
 $rgb^*_{ds} = 0.0 \ 1.0 \ 0.685$



R_s

$LCH^*_s = 45.5 \ 82.4 \ 30.0$
 $LAB^*_s = 45.5 \ 71.3 \ 41.2$
 $rgb^*_{ds} = 1.0 \ 0.0 \ 0.096$

M_s

$LCH^*_s = 31.6 \ 56.5 \ 330.0$
 $LAB^*_s = 31.6 \ 49.0 \ -28.2$
 $rgb^*_{ds} = 0.337 \ 0.0 \ 1.0$

B_s

$LCH^*_s = 40.9 \ 40.6 \ 270.0$
 $LAB^*_s = 40.9 \ 0.0 \ -40.6$
 $rgb^*_{ds} = 0.0 \ 0.479 \ 1.0$

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

$rgb^*_d, LCH^*_d, LAB^*_d$

$h_{ab,s}, rgb^*_d$

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

$h_{ab,s}$

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

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

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

$h_{ab,e}$

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

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

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

$h_{ab,d}$

rgb^*_{de}

5-013631-L0

PN980-71

$LAB^*_{a0}, YN=0\%, XYZ_{nw}=3.6, 4.2, 6.1, 85.4, 89.1, 104.8, LAB^*_{nw}=24.4, 0.0, 0.0, 95.6, 0.0, 0.0$

output: Offset standard print; separation cmy0*, D65, side 7/33

TUB-prøveplansje PN98; farbetoneplan: $H^*_e=R00Y_e$
48-trinns fargetonesirkel; $rgb-LabCh^*$ tabeller

input: $rgb/cmyk \rightarrow rgb_e$
output: overføring til $cmy0_e$

5-013631-F0

Data til maksimalfargen M in fargemetrisk system Offset standard print; separation cmy0*, D65 for input eller output; Seks fargetonevinkler til 60 graders standardfargene RYGCBM_s: $h_{ab,ds} = 30.0, 90.0, 150.0, 210.0, 270.0, 330.0$; seks fargetonevinkler til apparatfargene RYGCBM_d: $h_{ab,d} = 32.3, 96.1, 155.5, 238.4, 306.2, 359.8$; seks fargetonevinkler til elementærfargene RYGCBM_c: $h_{ab,c} = 25.5, 92.3, 162.2, 217.0, 271.7, 328.6$

h _{ab,d}	h _{ab,s}	h _{ab,e}	rgb* _{dd64M}			LAB* _{ddx64M} (x=LabCh)					rgb* _{ddx361M}			LAB* _{ddx361M} (x=LabCh)					rgb* _{dsx361M}					LAB* _{dsx361M} (x=LabCh)					rgb* _{dex361M}					LAB* _{dex361M}				
32.3	30.0	25.4	1.0	0.0	0.0	45.4	70.9	44.8	83.9	32.3	1.0	0.0	0.0	45.5	70.9	44.9	83.9	32	1.0	0.0	0.096	45.5	71.4	41.2	82.4	30	1.0	0.0	0.255	45.7	72.2	34.4	80.0	25				
38.1	37.5	33.8	1.0	0.125	0.0	48.9	62.8	49.4	79.9	38.1	1.0	0.117	0.0	48.7	63.4	49.1	80.2	37	1.0	0.1	0.0	48.2	64.5	48.6	80.7	37	1.0	0.021	0.0	46.0	69.6	45.7	83.3	33				
46.8	45.0	42.1	1.0	0.25	0.0	53.6	51.9	55.5	76.0	46.8	1.0	0.25	0.0	53.7	52.0	55.5	76.0	46	1.0	0.223	0.0	52.7	54.4	54.4	76.9	45	1.0	0.183	0.0	51.1	57.9	52.5	78.1	42				
56.9	52.5	50.5	1.0	0.375	0.0	59.1	40.3	62.0	74.0	56.9	1.0	0.367	0.0	58.8	41.1	61.7	74.2	56	1.0	0.313	0.0	56.5	46.2	59.1	75.0	52	1.0	0.288	0.0	55.4	48.5	57.8	75.4	49				
67.1	60.0	58.8	1.0	0.5	0.0	64.9	28.9	68.6	74.5	67.1	1.0	0.5	0.0	64.9	28.9	68.7	74.5	67	1.0	0.412	0.0	60.9	37.1	64.2	74.2	60	1.0	0.398	0.0	60.3	38.3	63.5	74.1	58				
78.6	67.5	67.2	1.0	0.625	0.0	72.1	15.4	77.1	78.6	78.6	1.0	0.617	0.0	71.6	16.5	76.7	78.4	77	1.0	0.498	0.0	64.8	29.1	68.6	74.5	67	1.0	0.494	0.0	64.6	29.5	68.4	74.5	66				
86.2	75.0	75.6	1.0	0.75	0.0	77.9	5.4	83.8	84.0	86.2	1.0	0.75	0.0	77.9	5.5	83.9	84.1	86	1.0	0.585	0.0	69.8	20.0	74.7	77.4	75	1.0	0.592	0.0	70.2	19.3	75.2	77.6	75				
92.1	82.5	83.9	1.0	0.875	0.0	83.4	-3.4	90.2	90.2	92.1	1.0	0.867	0.0	83.1	-2.7	89.8	89.9	91	1.0	0.68	0.0	74.7	11.3	80.3	81.1	82	1.0	0.703	0.0	75.8	9.4	81.5	82.0	83				
96.1	90.0	92.3	1.0	1.0	0.0	87.8	-10.2	95.4	96.0	96.1	1.0	1.0	0.0	87.8	-10.1	95.5	96.0	96	1.0	0.829	0.0	81.4	0.0	88.0	88.0	90	1.0	0.879	0.0	83.6	-3.6	90.4	90.5	92				
98.8	97.5	101.0	0.875	1.0	0.0	84.3	-13.9	89.2	90.3	98.8	0.883	1.0	0.0	84.6	-13.6	89.7	90.7	98	0.959	1.0	0.0	86.7	-11.4	93.5	94.2	97	0.807	1.0	0.0	82.4	-15.8	86.2	87.7	100				
101.8	105.0	109.7	0.75	1.0	0.0	80.7	-17.5	83.5	85.3	101.8	0.75	1.0	0.0	80.8	-17.4	83.6	85.4	101	0.682	1.0	0.0	77.8	-21.2	79.4	82.2	105	0.583	1.0	0.0	73.7	-26.1	72.7	77.3	109				
107.6	112.5	118.5	0.625	1.0	0.0	75.3	-24.0	75.7	79.4	107.6	0.633	1.0	0.0	75.7	-23.6	76.3	79.9	107	0.54	1.0	0.0	72.1	-28.0	69.5	75.0	112	0.434	1.0	0.0	68.0	-32.9	62.2	70.5	117				
114.0	120.0	127.2	0.5	1.0	0.0	70.6	-29.7	66.5	72.8	114.0	0.5	1.0	0.0	70.6	-29.6	66.5	72.8	114	0.399	1.0	0.0	66.7	-34.5	59.9	69.2	120	0.322	1.0	0.0	62.6	-40.8	53.8	67.6	127				
121.4	127.5	136.0	0.375	1.0	0.0	65.7	-35.6	58.3	68.3	121.4	0.383	1.0	0.0	66.1	-35.2	58.9	68.6	120	0.325	1.0	0.0	62.8	-40.6	54.0	67.6	127	0.249	1.0	0.0	58.4	-47.4	46.8	66.6	135				
135.3	135.0	144.7	0.25	1.0	0.0	58.4	-47.3	46.8	66.6	135.3	0.25	1.0	0.0	58.4	-47.3	46.9	66.6	135	0.253	1.0	0.0	58.6	-47.0	47.1	66.7	135	0.122	1.0	0.0	54.6	-54.2	38.4	66.5	144				
144.4	142.5	153.4	0.125	1.0	0.0	54.7	-53.9	38.5	66.3	144.4	0.133	1.0	0.0	55.0	-53.5	39.2	66.4	143	0.159	1.0	0.0	55.7	-52.3	40.9	66.4	142	0.03	1.0	0.0	51.2	-62.4	32.0	70.2	152				
155.5	150.0	162.2	0.0	1.0	0.0	50.0	-65.0	29.6	71.4	155.5	0.0	1.0	0.0	50.1	-64.9	29.6	71.4	155	0.062	1.0	0.0	52.4	-59.6	34.5	68.9	150	0.0	1.0	0.151	50.7	-62.0	19.9	65.2	162				
160.7	157.5	169.0	0.0	1.0	0.125	50.5	-62.8	21.9	66.5	160.7	0.0	1.0	0.117	50.5	-62.9	22.4	66.9	160	0.0	1.0	0.035	50.2	-64.4	27.4	70.0	157	0.0	1.0	0.261	51.3	-58.5	11.8	59.8	168				
167.7	165.0	175.9	0.0	1.0	0.25	51.2	-58.9	12.7	60.3	167.7	0.0	1.0	0.25	51.2	-58.8	12.7	60.3	167	0.0	1.0	0.2	51.0	-60.5	16.2	62.8	165	0.0	1.0	0.364	52.0	-55.0	3.9	55.2	175				
176.7	172.5	182.7	0.0	1.0	0.375	52.0	-54.5	3.1	54.6	176.7	0.0	1.0	0.367	52.0	-54.8	3.7	55.1	176	0.0	1.0	0.309	51.6	-57.0	8.0	57.7	172	0.0	1.0	0.43	52.5	-52.2	-2.0	52.3	182				
189.3	180.0	189.6	0.0	1.0	0.5	52.9	-48.6	-8.0	49.3	189.3	0.0	1.0	0.5	53.0	-48.6	-7.9	49.3	189	0.0	1.0	0.407	52.3	-53.2	0.0	53.3	180	0.0	1.0	0.502	53.0	-48.5	-8.1	49.3	189				
203.2	187.5	196.4	0.0	1.0	0.625	54.0	-42.3	-18.1	46.1	203.2	0.0	1.0	0.617	54.0	-42.8	-17.5	46.3	202	0.0	1.0	0.477	52.8	-49.9	-6.0	50.3	187	0.0	1.0	0.56	53.5	-45.9	-13.1	47.8	195				
217.2	195.0	203.2	0.0	1.0	0.75	55.0	-36.0	-27.4	45.3	217.2	0.0	1.0	0.75	55.0	-35.9	-27.3	45.3	217	0.0	1.0	0.551	53.4	-46.3	-12.3	48.0	195	0.0	1.0	0.626	54.1	-42.3	-18.1	46.1	203				
228.3	202.5	210.1	0.0	1.0	0.875	55.8	-30.7	-37.4	46.2	228.3	0.0	1.0	0.867	55.8	-31.0	-34.0	46.1	227	0.0	1.0	0.614	54.0	-42.9	-17.3	46.4	202	0.0	1.0	0.682	54.5	-39.6	-22.6	45.7	209				
238.4	210.0	216.9	0.0	1.0	1.0	56.8	-25.5	-41.5	48.7	238.4	0.0	1.0	1.0	56.8	-25.4	-41.4	48.7	238	0.0	1.0	0.685	54.5	-39.5	-22.8	45.7	210	0.0	1.0	0.747	55.0	-36.1	-27.2	45.3	216				
242.9	217.5	223.8	0.0	0.875	1.0	54.1	-21.1	-41.3	46.4	242.9	0.0	0.883	1.0	54.3	-21.4	-41.3	46.6	242	0.0	1.0	0.747	55.0	-36.1	-27.2	45.3	217	0.0	1.0	0.819	55.5	-33.2	-31.3	45.8	223				
249.3	225.0	230.6	0.0	0.75	1.0	50.4	-15.5	-41.1	43.9	249.3	0.0	0.75	1.0	50.4	-15.4	-41.0	44.0	249	0.0	1.0	0.837	55.6	-32.4	-32.4	45.9	225	0.0	1.0	0.904	56.1	-29.6	-36.1	46.8	230				
256.9	232.5	237.5	0.0	0.625	1.0	46.5	-9.4	-40.8	41.9	256.9	0.0	0.633	1.0	46.8	-9.8	-40.8	42.1	256	0.0	1.0	0.92	56.2	-28.9	-37.0	47.1	232	0.0	1.0	0.983	56.7	-26.2	-40.5	48.4	237				
268.2	240.0	244.3	0.0	0.5	1.0	41.7	-1.2	-40.6	40.6	268.2	0.0	0.5	1.0	41.7	-1.1	-40.6	40.7	268	0.0	0.956	1.0	55.9	-23.9	-41.4	48.0	240	0.0	0.847	1.0	53.3	-19.8	-41.3	45.9	244				
278.6	247.5	251.2	0.0	0.375	1.0	37.3	6.1	-40.2	40.7	278.6	0.0	0.383	1.0	37.6	5.6	-40.2	40.7	277	0.0	0.795	1.0	51.8	-17.4	-41.2	44.9	247	0.0	0.726	1.0	49.7	-14.3	-41.1	43.6	250				
289.6	255.0	258.0	0.0	0.25	1.0	32.8	14.3	-40.2	42.7	289.6	0.0	0.25	1.0	32.9	14.4	-40.1	42.7	289	0.0	0.657	1.0	47.5	-10.9	-40.9	42.5	255	0.0	0.613	1.0	46.1	-8.6	-40.8	41.9	258				
299.0	262.5	264.8	0.0	0.125	1.0	28.6	22.4	-40.2	46.1	299.0	0.0	0.133	1.0	28.9	21.9	-40.2	45.9	298	0.0	0.569	1.0	44.4	-5.7	-40.9	41.4	262	0.0	0.542	1.0	43.4	-3.9	-40.8	41.1	264				
306.2	270.0	271.7	0.0	0.0	1.0	25.0	29.5	-40.4	50.0	306.2	0.0	0.0	1.0	25.1	29.6	-40.3	50.1	306	0.0	0.479	1.0	41.0	0.0	-40.6	40.7	270	0.0	0.458	1.0	40.3</								

Data til maksimalfargen M in fargemetrisk system Offset standard print; separation cmy0*, D65 for input eller output; Seks fargetonevinkler til 60 graders standardfargene RYGCBM_s: h_{ab,ds} = 30.0, 90.0, 150.0, 210.0, 270.0, 330.0; seks fargetonevinkler til apparatfargene RYGCBM_d: h_{ab,d} = 32.3, 96.1, 155.5, 238.4, 306.2, 359.8; seks fargetonevinkler til elementærfargene RYGCBM_c: h_{ab,c} = 25.5, 92.3, 162.2, 217.0, 271.7, 328.6

h _{ab,d}	h _{ab,s}	h _{ab,e}	rgb* dd64M	LAB* ddx64M (x=LabCh)	rgb* dex361M	LAB* dex361M	rgb* dd64M	rgb* ds64M	rgb* de64M											
32.3	30.0	25.4	1.0	0.0	0.0	45.4	70.9	44.8	83.9	32.3	32.3	1.0	0.0	0.255	45.7	72.2	34.4	80.0	25	
38.1	37.5	33.8	1.0	0.125	0.0	48.9	62.8	49.4	79.9	38.1	38.1	1.0	0.021	0.0	46.0	69.6	45.7	83.3	33	
46.8	45.0	42.1	1.0	0.25	0.0	53.6	51.9	55.5	76.0	46.8	46.8	1.0	0.183	0.0	51.1	57.9	52.5	78.1	42	
56.9	52.5	50.5	1.0	0.375	0.0	59.1	40.3	62.0	74.0	56.9	56.9	1.0	0.288	0.0	55.4	48.5	57.8	75.4	49	
67.1	60.0	58.8	1.0	0.5	0.0	64.9	28.9	68.6	74.5	67.1	67.1	1.0	0.398	0.0	60.3	38.3	63.5	74.1	58	
78.6	67.5	67.2	1.0	0.625	0.0	72.1	15.4	77.1	78.6	78.6	78.6	1.0	0.494	0.0	64.6	29.5	68.4	74.5	66	
86.2	75.0	75.6	1.0	0.75	0.0	77.9	5.4	83.8	84.0	86.2	86.2	1.0	0.592	0.0	70.2	19.3	75.2	77.6	75	
92.1	82.5	83.9	1.0	0.875	0.0	83.4	-3.4	90.2	90.2	92.1	92.1	1.0	0.703	0.0	75.8	9.4	81.5	82.0	83	
96.1	90.0	92.3	1.0	1.0	0.0	87.8	-10.2	95.4	96.0	96.1	96.1	1.0	0.879	0.0	83.6	-3.6	90.4	90.5	92	
98.8	97.5	101.0	0.875	1.0	0.0	84.3	-13.9	89.2	90.3	98.8	98.8	0.807	1.0	0.0	82.4	-15.8	86.2	87.7	100	
101.8	105.0	109.7	0.75	1.0	0.0	80.7	-17.5	83.5	85.3	101.8	101.8	0.583	1.0	0.0	73.7	-26.1	72.7	77.3	109	
107.6	112.5	118.5	0.625	1.0	0.0	75.3	-24.0	75.7	79.4	107.6	107.6	0.434	1.0	0.0	68.0	-32.9	62.2	70.5	117	
114.0	120.0	127.2	0.5	1.0	0.0	70.6	-29.7	66.5	72.8	114.0	114.0	0.322	1.0	0.0	62.6	-40.8	53.8	67.6	127	
121.4	127.5	136.0	0.375	1.0	0.0	65.7	-35.6	58.3	68.3	121.4	121.4	0.249	1.0	0.0	58.4	-47.4	46.8	66.6	135	
135.3	135.0	144.7	0.25	1.0	0.0	58.4	-47.3	46.8	66.6	135.3	135.3	0.122	1.0	0.0	54.6	-54.2	38.4	66.5	144	
144.4	142.5	153.4	0.125	1.0	0.0	54.7	-53.9	38.5	66.3	144.4	144.4	0.03	1.0	0.0	51.2	-62.4	32.0	70.2	152	
155.5	150.0	162.2	0.0	1.0	0.0	50.0	-65.0	29.6	71.4	155.5	155.5	0.0	1.0	0.151	50.7	-62.0	19.9	65.2	162	
160.7	157.5	169.0	0.0	1.0	0.125	50.5	-62.8	21.9	66.5	160.7	160.7	0.0	1.0	0.261	51.3	-58.5	11.8	59.8	168	
167.7	165.0	175.9	0.0	1.0	0.25	51.2	-58.9	12.7	60.3	167.7	167.7	0.0	1.0	0.364	52.0	-55.0	3.9	55.2	175	
176.7	172.5	182.7	0.0	1.0	0.375	52.0	-54.5	3.1	54.6	176.7	176.7	0.0	1.0	0.43	52.5	-52.2	-2.0	52.3	182	
189.3	180.0	189.6	0.0	1.0	0.5	52.9	-48.6	-8.0	49.3	189.3	189.3	0.0	1.0	0.502	53.0	-48.5	-8.1	49.3	189	
203.2	187.5	196.4	0.0	1.0	0.625	54.0	-42.3	-18.1	46.1	203.2	203.2	0.0	1.0	0.56	53.5	-45.9	-13.1	47.8	195	
217.2	195.0	203.2	0.0	1.0	0.75	55.0	-36.0	-27.4	45.3	217.2	217.2	0.0	1.0	0.626	54.1	-42.3	-18.1	46.1	203	
228.3	202.5	210.1	0.0	1.0	0.875	55.8	-30.7	-34.5	46.2	228.3	228.3	0.0	1.0	0.682	54.5	-39.6	-22.6	45.7	209	
238.4	210.0	216.9	0.0	1.0	1.0	56.8	-25.5	-41.5	48.7	238.4	238.4	0.0	1.0	0.747	55.0	-36.1	-27.2	45.3	216	
242.9	217.5	223.8	0.0	0.875	1.0	54.1	-21.1	-41.3	46.4	242.9	242.9	0.0	1.0	0.819	55.5	-33.2	-31.3	45.8	223	
249.3	225.0	230.6	0.0	0.75	1.0	50.4	-15.5	-41.1	43.9	249.3	249.3	0.0	1.0	0.904	56.1	-29.6	-36.1	46.8	230	
256.9	232.5	237.5	0.0	0.625	1.0	46.5	-9.4	-40.8	41.9	256.9	256.9	0.0	1.0	0.983	56.7	-26.2	-40.5	48.4	237	
268.2	240.0	244.3	0.0	0.5	1.0	41.7	-1.2	-40.6	40.6	268.2	268.2	0.0	0.847	1.0	53.3	-19.8	-41.3	45.9	244	
278.6	247.5	251.2	0.0	0.375	1.0	37.3	6.1	-40.2	40.7	278.6	278.6	0.0	0.726	1.0	49.7	-14.3	-41.1	43.6	250	
289.6	255.0	258.0	0.0	0.25	1.0	32.8	14.3	-40.2	42.7	289.6	289.6	0.0	0.613	1.0	46.1	-8.6	-40.8	41.9	258	
299.0	262.5	264.8	0.0	0.125	1.0	28.6	22.4	-40.2	46.1	299.0	299.0	0.0	0.542	1.0	43.4	-3.9	-40.8	41.1	264	
306.2	270.0	271.7	0.0	0.0	1.0	25.0	29.5	-40.4	50.0	306.2	306.2	0.0	0.458	1.0	40.3	1.2	-40.6	40.7	271	
314.7	277.5	278.8	0.125	0.0	1.0	27.9	36.0	-36.4	51.2	314.7	314.7	0.0	0.378	1.0	37.5	5.9	-40.2	40.7	278	
322.1	285.0	285.9	0.25	0.0	1.0	28.8	41.9	-32.5	53.1	322.1	322.1	0.0	0.292	1.0	34.4	11.6	-40.3	42.0	285	
333.3	292.5	293.0	0.375	0.0	1.0	32.7	51.8	-26.0	58.0	333.3	333.3	0.0	0.211	1.0	31.5	16.8	-40.3	43.8	292	
340.5	300.0	300.1	0.5	0.0	1.0	35.6	58.6	-20.7	62.1	340.5	340.5	0.0	0.106	1.0	28.1	23.5	-40.3	46.7	300	
347.9	307.5	307.2	0.625	0.0	1.0	38.1	65.4	-14.0	66.9	347.9	347.9	0.0	0.009	0.0	1.0	25.3	30.1	-40.1	50.2	306
352.5	315.0	314.3	0.75	0.0	1.0	41.8	71.0	-9.2	71.6	352.5	352.5	0.0	0.12	0.0	1.0	27.8	35.8	-36.5	51.2	314
356.1	322.5	321.4	0.875	0.0	1.0	44.2	75.2	-5.0	75.3	356.1	356.1	0.0	0.231	0.0	1.0	28.7	41.1	-33.2	52.9	321
359.8	330.0	328.6	1.0	0.0	1.0	46.1	79.3	-0.2	79.3	359.8	359.8	0.0	0.322	0.0	1.0	31.1	47.8	-29.1	56.0	328
363.0	337.5	335.7	1.0	0.0	0.875	45.9	78.2	4.1	78.3	363.0	363.0	0.0	0.408	0.0	1.0	33.5	53.7	-24.7	59.1	335
366.4	345.0	342.8	1.0	0.0	0.75	45.9	77.1	8.6	77.6	366.4	366.4	0.0	0.539	0.0	1.0	36.4	60.8	-18.7	63.7	342
371.1	352.5	349.9	1.0	0.0	0.625	46.0	75.6	14.8	77.0	371.1	371.1	0.0	0.667	0.0	1.0	39.3	67.4	-12.4	68.5	349
375.9	360.0	357.0	1.0	0.0	0.5	45.9	74.2	21.1	77.1	375.9	375.9	0.0	0.736	0.0	1.0	41.4	70.5	-9.7	71.1	352
381.2	367.5	364.1	1.0	0.0	0.375	45.8	72.9	28.3	78.3	381.2	381.2	0.0	0.81	0.0	1.0	46.1	79.3	-0.1	79.3	359
385.6	375.0	371.2	1.0	0.0	0.25	45.6	72.1	34.6	80.0	385.6	385.6	0.0	0.687	0.0	1.0	46.0	76.5	11.8	77.4	368
389.3	382.5	378.3	1.0	0.0	0.125	45.5	71.4	40.1	81.9	389.3	389.3	0.0	0.485	0.0	1.0	45.9	74.1	22.0	77.3	376
392.3	390.0	385.4	1.0	0.0	0.0	45.4	70.9	44.8	83.9	392.3	392.3	1.0	0.0	0.255	45.7	72.2	34.4	80.0	385	

5-013831-L0

PN980-71

LAB*la0, YN=0%, XYZnw=3.6, 4.2, 6.1, 85.4, 89.1, 104.8, LAB*nw=24.4, 0.0, 0.0, 95.6, 0.0, 0.0

output: Offset standard print; separation cmy0*, D65, side 9/33

TUB-prøveplansje PN98; farbetoneplan: H*e=R00Y_e
48-trinns fargetonesirkel; rgb-LabCh*tabeller

input: rgb/cmyk -> rgb_e
output: overføring til cmy0_e

5-013831-F0

TUB registrering: 20150701-PN98/PN98L0NP.PDF /.PS
anvendelse for måling av offsettrykk output, separasjon cmy0 (CMY0)
TUB-material: code=ha4ta

Data til maksimalfargen M i fargemetrisk system Offset standard print; separation cmy0*, D65 for input eller output; Seks fargetonevinkler til 60 graders standardfargene RYGCMB_s: $h_{ab,ds} = 30.0, 90.0, 150.0, 210.0, 270.0, 330.0$; seks fargetonevinkler til apparatfargene RYGCMB_d: $h_{ab,d} = 32.3, 96.1, 155.5, 238.4, 306.2, 359.8$; seks fargetonevinkler til elementærfargene RYGCMB_c: $h_{ab,c} = 25.5, 92.3, 162.2, 217.0, 271.7, 328.6$

seks targetonevinkler til apparattærgene RYGBM _c : $h_{ab,d} = 32.3, 96.1, 155.5, 238.4, 306.2, 359.8$; seks targetonevinkler til elementærtærgene RYGBM _c : $h_{ab,e} = 25.5, 92.3, 162.2, 217.0, 271.7, 328.6$																						
$h_{ab,d}$	$h_{ab,s}$	$h_{ab,e}$	rgb^*_{dd361M}	$LAB^*_{ddx361Mi}(x=LabCh)$	R_d	$rgb^*_{ds361Mi}$	$LAB^*_{dsx361Mi}(x=LabCh)$	R_s	$rgb^*_{dd361Mi}$	$LAB^*_{de361Mi}$	$rgb^*_{dex361Mi}(x=LabCh)$	R_e	$rgb^*_{dd361Mi}$	rgb^*_{dd}	rgb^*_{ds}	rgb^*_{de}						
32	30	25	1.0	0.0	0.0	45.4	70.9	44.8	83.9	32	1.0	0.0	0.0	0.0								
33	31	26	1.0	0.016	0.0	45.9	69.8	45.5	83.4	33	1.0	0.0	0.055	45.5	71.2	42.8	83.1	31	1.0	0.017	0.0	
33	32	27	1.0	0.033	0.0	46.3	68.8	46.1	82.8	33	1.0	0.0	0.013	45.5	71.0	44.4	83.7	32	1.0	0.033	0.0	
34	33	28	1.0	0.05	0.0	46.8	67.7	46.8	82.3	34	1.0	0.0	0.015	0.0	45.9	70.0	45.5	83.5	33	1.0	0.05	0.0
35	34	29	1.0	0.066	0.0	47.3	66.6	47.4	81.8	35	1.0	0.0	0.036	0.0	46.5	68.6	46.3	82.8	34	1.0	0.067	0.0
36	35	31	1.0	0.083	0.0	47.7	65.5	48.0	81.2	36	1.0	0.0	0.057	0.0	47.1	67.3	47.1	82.1	35	1.0	0.083	0.0
36	36	32	1.0	0.1	0.0	48.2	64.4	48.5	80.7	36	1.0	0.0	0.079	0.0	47.6	65.9	47.9	81.4	36	1.0	0.1	0.0
37	37	33	1.0	0.116	0.0	48.6	63.3	49.1	80.2	37	1.0	0.1	0.0	48.2	64.5	48.6	80.7	37	1.0	0.117	0.0	
38	38	34	1.0	0.133	0.0	49.2	62.1	49.8	79.6	38	1.0	0.121	0.0	48.8	63.1	49.3	80.1	38	1.0	0.133	0.0	
39	39	35	1.0	0.15	0.0	49.8	60.7	50.7	79.1	39	1.0	0.137	0.0	49.4	61.8	50.1	79.6	39	1.0	0.15	0.0	
41	40	36	1.0	0.166	0.0	50.5	59.2	51.6	78.6	41	1.0	0.151	0.0	49.9	60.6	50.9	79.1	40	1.0	0.167	0.0	
42	41	37	1.0	0.183	0.0	51.1	57.8	52.5	78.1	42	1.0	0.166	0.0	50.5	59.4	51.6	78.7	41	1.0	0.183	0.0	
43	42	38	1.0	0.2	0.0	51.7	56.3	53.3	77.5	43	1.0	0.18	0.0	51.0	58.1	52.3	78.2	42	1.0	0.2	0.0	
44	43	39	1.0	0.216	0.0	52.4	54.9	54.0	77.0	44	1.0	0.194	0.0	51.6	56.9	53.0	77.8	43	1.0	0.217	0.0	
45	44	41	1.0	0.233	0.0	53.0	53.4	54.8	76.5	45	1.0	0.209	0.0	52.1	55.6	53.7	77.3	44	1.0	0.233	0.0	
46	45	42	1.0	0.25	0.0	53.6	51.9	55.5	76.0	46	1.0	0.223	0.0	52.7	54.4	54.4	76.9	45	1.0	0.25	0.0	
48	46	43	1.0	0.266	0.0	54.4	50.4	56.5	75.7	48	1.0	0.237	0.0	53.2	53.1	55.0	76.4	46	1.0	0.267	0.0	
49	47	44	1.0	0.283	0.0	55.1	48.9	57.4	75.4	49	1.0	0.251	0.0	53.7	51.8	55.6	76.0	47	1.0	0.283	0.0	
50	48	45	1.0	0.3	0.0	55.8	47.4	58.4	75.2	50	1.0	0.264	0.0	54.3	50.7	56.3	75.8	48	1.0	0.3	0.0	
52	49	46	1.0	0.316	0.0	56.6	45.8	59.2	74.9	52	1.0	0.276	0.0	54.8	49.6	57.1	75.6	49	1.0	0.317	0.0	
53	50	47	1.0	0.333	0.0	57.3	44.2	60.1	74.6	53	1.0	0.288	0.0	55.4	48.5	57.8	75.4	50	1.0	0.333	0.0	
54	51	48	1.0	0.35	0.0	58.0	42.7	60.9	74.4	54	1.0	0.301	0.0	55.9	47.3	58.5	75.2	51	1.0	0.35	0.0	
56	52	49	1.0	0.366	0.0	58.8	41.1	61.7	74.1	56	1.0	0.313	0.0	56.5	46.2	59.1	75.0	52	1.0	0.367	0.0	
57	53	51	1.0	0.383	0.0	59.5	39.5	62.5	74.0	57	1.0	0.326	0.0	57.0	45.0	59.8	74.8	53	1.0	0.383	0.0	
59	54	52	1.0	0.4	0.0	60.3	38.1	63.5	74.1	59	1.0	0.338	0.0	57.6	43.9	60.4	74.6	54	1.0	0.4	0.0	
60	55	53	1.0	0.416	0.0	61.0	36.6	64.5	74.1	60	1.0	0.35	0.0	58.1	42.7	61.0	74.4	55	1.0	0.417	0.0	
61	56	54	1.0	0.433	0.0	61.8	35.1	65.4	74.2	61	1.0	0.363	0.0	58.6	41.5	61.5	74.2	56	1.0	0.433	0.0	
63	57	55	1.0	0.45	0.0	62.6	33.6	66.2	74.3	63	1.0	0.375	0.0	59.2	40.3	62.1	74.0	57	1.0	0.45	0.0	
64	58	56	1.0	0.466	0.0	63.3	32.0	67.1	74.4	64	1.0	0.387	0.0	59.8	39.3	62.8	74.1	58	1.0	0.467	0.0	
65	59	57	1.0	0.483	0.0	64.1	30.5	67.9	74.4	65	1.0	0.4	0.0	60.3	38.2	63.5	74.1	59	1.0	0.483	0.0	
67	60	58	1.0	0.5	0.0	64.9	28.9	68.6	74.5	67	1.0	0.412	0.0	60.9	37.1	64.2	74.2	60	1.0	0.5	0.0	
68	61	60	1.0	0.516	0.0	65.8	27.2	69.9	75.0	68	1.0	0.424	0.0	61.4	36.0	64.9	74.2	61	1.0	0.517	0.0	
70	62	61	1.0	0.533	0.0	66.8	25.5	71.1	75.6	70	1.0	0.436	0.0	62.0	34.9	65.6	74.3	62	1.0	0.533	0.0	
71	63	62	1.0	0.55	0.0	67.7	23.8	72.3	76.1	71	1.0	0.449	0.0	62.6	33.7	66.2	74.3	63	1.0	0.55	0.0	
73	64	63	1.0	0.566	0.0	68.7	22.0	73.5	76.7	73	1.0	0.461	0.0	63.1	32.6	66.9	74.4	64	1.0	0.567	0.0	
74	65	64	1.0	0.583	0.0	69.7	20.2	74.6	77.3	74	1.0	0.473	0.0	63.7	31.5	67.5	74.4	65	1.0	0.583	0.0	
76	66	65	1.0	0.6	0.0	70.6	18.3	75.6	77.8	76	1.0	0.486	0.0	64.2	30.3	68.0	74.5	66	1.0	0.6	0.0	
77	67	66	1.0	0.616	0.0	71.6	16.4	76.6	78.4	77	1.0	0.498	0.0	64.8	29.1	68.6	74.5	67	1.0	0.617	0.0	
79	68	67	1.0	0.633	0.0	72.5	14.8	77.6	79.0	79	1.0	0.509	0.0	65.4	28.0	69.4	74.8	68	1.0	0.633	0.0	
80	69	68	1.0	0.65	0.0	73.2	13.6	78.5	79.7	80	1.0	0.52	0.0	66.1	26.9	70.2	75.2	69	1.0	0.65	0.0	
81	70	70	1.0	0.666	0.0	74.0	12.3	79.5	80.4	81	1.0	0.531	0.0	66.7	25.8	71.0	75.6	70	1.0	0.667	0.0	
82	71	71	1.0	0.683	0.0	74.8	11.0	80.4	81.1	82	1.0	0.542	0.0	67.3	24.7	71.8	75.9	71	1.0	0.683	0.0	
83	72	72	1.0	0.7	0.0	75.6	9.6	81.3	81.9	83	1.0	0.553	0.0	67.9	23.6	72.6	76.3	72	1.0	0.7	0.0	
84	73	73	1.0	0.716	0.0	76.3	8.3	82.2	82.6	84	1.0	0.564	0.0	68.6	22.4	73.3	76.6	73	1.0	0.717	0.0	
85	74	74	1.0	0.733	0.0	77.1	6.9	83.0	83.3	85	1.0	0.574	0.0	69.2	21.2	74.0	77.0	74	1.0	0.733	0.0	
86	75	75	1.0	0.75	0.0	77.9	5.4	83.8	84.0	86	1.0	0.585	0.0	69.8	20.0	74.7	77.4	75	1.0	0.75	0.0	

5-013931-L0

PN980-71

LAB*la0, YN=0%, XYZnw=3.6, 4.2, 6.1, 85.4, 89.1, 104.8, LAB*nw=24.4, 0.0, 0.0, 95.6, 0.0, 0.0

output: Offset standard print; separation cmy0*, D65, side 10/33

TUB-prøveplansje PN98; farbetoneplan: $H^*_e=R00Y_e$
48-trinns fargetonesirkel; $rgb-LabCh^*$ tabeller

input: $rgb/cmyk \rightarrow rgb_e$
output: overføring til $cmy0_e$

5-013931-F0

se lignende filter: <http://130.149.60.45/~farbmetrik/PN98/PN98.HTM>
teknisk informasjon: <http://www.ps.barn.de> eller <http://130.149.60.45/~farbmetrik/>

TUB registrering: 20150701-PN98/PN98L0NP.PDF /.PS
TUB-material: code=rha4ta
anvendelse for måling av offsettrykk output, separasjon cmY0 (CMY0)

Data til maksimalfargen M i fargemetrisk system Offset standard print; separation cmy0*, D65 for input eller output; Seks fargetonevinkler til 60 graders standardfargene $RYGBM_{ab}$; $h_{ab,ds} = 30.0, 90.0, 150.0, 210.0, 270.0, 330.0$; seks fargetonevinkler til apparatfargene $RYGBM_{ab}$; $h_{ab,d} = 32.3, 96.1, 155.5, 238.4, 306.2, 359.8$; seks fargetonevinkler til elementærfargene $RYGBM_{ab}$; $h_{ab,s} = 25.5, 92.3, 162.2, 217.0, 271.7, 328.6$

Target Vm1 in appa d d g e k										Target Vm1 in appa d d g e k										Target Vm1 in appa d d g e k										Target Vm1 in appa d d g e k									
$h_{ab,d}$	$h_{ab,s}$	$h_{ab,e}$	rgb^*_{dd361M}	$LAB^*_{dex361Mi}(x=LabCh)$	$rgb^*_{ds361Mi}$	$LAB^*_{dsx361Mi}(x=LabCh)$	$rgb^*_{dd361Mi}$	$LAB^*_{dex361Mi}(x=LabCh)$	$rgb^*_{ds361Mi}$	$LAB^*_{dsx361Mi}(x=LabCh)$	$rgb^*_{dd361Mi}$	$LAB^*_{dex361Mi}(x=LabCh)$	$rgb^*_{ds361Mi}$	$LAB^*_{dsx361Mi}(x=LabCh)$	$rgb^*_{dd361Mi}$	$LAB^*_{dex361Mi}(x=LabCh)$	$rgb^*_{ds361Mi}$	$LAB^*_{dsx361Mi}(x=LabCh)$	$rgb^*_{dd361Mi}$	$LAB^*_{dex361Mi}(x=LabCh)$	$rgb^*_{ds361Mi}$	$LAB^*_{dsx361Mi}(x=LabCh)$	$rgb^*_{dd361Mi}$	$LAB^*_{dex361Mi}(x=LabCh)$	$rgb^*_{ds361Mi}$	$LAB^*_{dsx361Mi}(x=LabCh)$	$rgb^*_{dd361Mi}$	$LAB^*_{dex361Mi}(x=LabCh)$											
86	75	75	1.0	0.75	0.0	77.9	5.4	83.8	84.0	86	1.0	0.585	0.0	69.8	20.0	74.7	77.4	75	1.0	0.75	0.0	1.0	0.592	0.0	70.2	19.3	75.2	77.6	75	1.0	0.75	0.0							
87	76	76	1.0	0.766	0.0	78.6	4.3	84.7	84.8	87	1.0	0.596	0.0	70.5	18.8	75.4	77.7	76	1.0	0.767	0.0	1.0	0.604	0.0	70.9	17.9	75.9	78.0	76	1.0	0.767	0.0							
87	77	77	1.0	0.783	0.0	79.4	3.2	85.6	85.7	87	1.0	0.607	0.0	71.1	17.6	76.1	78.1	77	1.0	0.783	0.0	1.0	0.616	0.0	71.6	16.5	76.6	78.4	77	1.0	0.783	0.0							
88	78	78	1.0	0.8	0.0	80.1	2.0	86.5	86.5	88	1.0	0.618	0.0	71.7	16.3	76.7	78.5	78	1.0	0.8	0.0	1.0	0.63	0.0	72.4	15.1	77.4	78.9	78	1.0	0.8	0.0							
89	79	80	1.0	0.816	0.0	80.8	0.8	87.3	87.3	89	1.0	0.631	0.0	72.4	15.1	77.5	78.9	79	1.0	0.817	0.0	1.0	0.648	0.0	73.2	13.8	78.5	79.7	80	1.0	0.817	0.0							
90	80	81	1.0	0.833	0.0	81.6	-0.3	88.2	88.2	90	1.0	0.647	0.0	73.2	13.8	78.4	79.6	80	1.0	0.833	0.0	1.0	0.667	0.0	74.1	12.3	79.5	80.5	81	1.0	0.833	0.0							
91	81	82	1.0	0.85	0.0	82.3	-1.5	89.0	89.0	91	1.0	0.664	0.0	73.9	12.6	79.4	80.4	81	1.0	0.85	0.0	1.0	0.685	0.0	74.9	10.9	80.5	81.3	82	1.0	0.85	0.0							
91	82	83	1.0	0.866	0.0	83.1	-2.8	89.8	89.8	91	1.0	0.68	0.0	74.7	11.3	80.3	81.1	82	1.0	0.867	0.0	1.0	0.703	0.0	75.8	9.4	81.5	82.0	83	1.0	0.867	0.0							
92	83	84	1.0	0.883	0.0	83.7	-3.8	90.5	90.6	92	1.0	0.697	0.0	75.5	10.0	81.2	81.8	83	1.0	0.883	0.0	1.0	0.721	0.0	76.6	7.9	82.4	82.8	84	1.0	0.883	0.0							
92	84	85	1.0	0.9	0.0	84.3	-4.7	91.3	91.4	92	1.0	0.713	0.0	76.2	8.6	82.0	82.5	84	1.0	0.9	0.0	1.0	0.74	0.0	77.5	6.4	83.4	83.6	85	1.0	0.9	0.0							
93	85	86	1.0	0.916	0.0	84.9	-5.6	92.0	92.2	93	1.0	0.729	0.0	77.0	7.2	82.9	83.2	85	1.0	0.917	0.0	1.0	0.76	0.0	78.4	4.8	84.4	84.6	86	1.0	0.917	0.0							
94	86	87	1.0	0.933	0.0	85.5	-6.5	92.7	92.9	94	1.0	0.746	0.0	77.7	5.9	83.7	83.9	86	1.																				

5-0131031-L0	PN980-71	LAB*la0, YN=0%, XYZnw=3.6, 4.2, 6.1, 85.4, 89.1, 104.8, LAB*nw=24.4, 0.0, 0.0, 95.6, 0.0, 0.0
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TUB-prøveplansje PN98; farbetoneplan: $H^*_e=R00Y_e$
48-trinns fargetonesirkel; *rgb-LabCh**tabeller

input: $rgb/cmyk \rightarrow rgb_e$
output: overføring til $cmy0_e$

output: Offset standard print; separation cmy0*, D65, side 11/33

Data til maksimalfargen M in fargemetrisk system Offset standard print; separation cmy0*, D65 for input eller output; Seks fargetonevinkler til 60 graders standardfargene RYGBM_s: $h_{ab,ds} = 30.0, 90.0, 150.0, 210.0, 270.0, 330.0$; seks fargetonevinkler til apparatfargene RYGBM_d: $h_{ab,d} = 32.3, 96.1, 155.5, 238.4, 306.2, 359.8$; seks fargetonevinkler til elementærfargene RYGBM_c: $h_{ab,c} = 25.5, 92.3, 162.2, 217.0, 271.7, 328.6$

$h_{ab,d}$			$h_{ab,s}$	$h_{ab,e}$	rgb^*_{dd361M}			$LAB^*_{ddx361Mi}(x=LabCh)$			$rgb^*_{ds361Mi}$			$LAB^*_{dsx361Mi}(x=LabCh)$			$rgb^*_{dd361Mi}$			$rgb^*_{de361Mi}$			$LAB^*_{dex361Mi}(x=LabCh)$			$rgb^*_{dd361Mi}$			rgb^*_{dd}	rgb^*_{ds}	rgb^*_{de}				
114	120	127	0.5	1.0	0.0	70.6	-29.7	66.5	72.8	114	0.399	1.0	0.0	66.7	-34.5	59.9	69.2	120	0.5	1.0	0.0	0.322	1.0	0.0	62.6	-40.8	53.8	67.6	127	0.5	1.0	0.0			
115	121	128	0.483	1.0	0.0	69.9	-30.5	65.4	72.2	115	0.382	1.0	0.0	66.0	-35.2	58.8	68.6	121	0.483	1.0	0.0	0.312	1.0	0.0	62.0	-41.8	52.9	67.5	128	0.483	1.0	0.0			
116	122	129	0.466	1.0	0.0	69.3	-31.4	64.3	71.6	116	0.37	1.0	0.0	65.4	-36.1	57.9	68.3	122	0.467	1.0	0.0	0.301	1.0	0.0	61.4	-42.8	51.9	67.3	129	0.467	1.0	0.0			
117	123	130	0.45	1.0	0.0	68.6	-32.2	63.2	71.0	117	0.361	1.0	0.0	64.9	-37.0	57.1	68.1	123	0.45	1.0	0.0	0.291	1.0	0.0	60.8	-43.8	50.9	67.2	130	0.45	1.0	0.0			
117	124	131	0.433	1.0	0.0	68.0	-33.0	62.1	70.4	117	0.352	1.0	0.0	64.4	-37.9	56.4	68.0	124	0.433	1.0	0.0	0.28	1.0	0.0	60.2	-44.7	49.9	67.0	131	0.433	1.0	0.0			
118	125	133	0.416	1.0	0.0	67.3	-33.8	61.0	69.8	118	0.343	1.0	0.0	63.8	-38.8	55.6	67.9	125	0.417	1.0	0.0	0.27	1.0	0.0	59.6	-45.6	48.9	66.9	133	0.417	1.0	0.0			
119	126	134	0.4	1.0	0.0	66.7	-34.5	59.9	69.2	119	0.334	1.0	0.0	63.3	-39.7	54.8	67.8	126	0.4	1.0	0.0	0.259	1.0	0.0	59.0	-46.5	47.8	66.8	134	0.4	1.0	0.0			
120	127	135	0.383	1.0	0.0	66.0	-35.2	58.8	68.6	120	0.325	1.0	0.0	62.8	-40.6	54.0	67.6	127	0.383	1.0	0.0	0.249	1.0	0.0	58.4	-47.4	46.8	66.6	135	0.383	1.0	0.0			
122	128	136	0.366	1.0	0.0	65.2	-36.4	57.6	68.2	122	0.316	1.0	0.0	62.3	-41.5	53.2	67.5	128	0.367	1.0	0.0	0.233	1.0	0.0	57.9	-48.3	45.8	66.6	136	0.367	1.0	0.0			
124	129	137	0.35	1.0	0.0	64.2	-38.2	56.2	67.9	124	0.307	1.0	0.0	61.7	-42.3	52.4	67.4	129	0.35	1.0	0.0	0.217	1.0	0.0	57.4	-49.2	44.7	66.6	137	0.35	1.0	0.0			
126	130	138	0.333	1.0	0.0	63.2	-39.8	54.7	67.7	126	0.298	1.0	0.0	61.2	-43.1	51.5	67.3	130	0.333	1.0	0.0	0.201	1.0	0.0	57.0	-50.0	43.7	66.5	138	0.333	1.0	0.0			
127	131	140	0.316	1.0	0.0	62.3	-41.4	53.2	67.5	127	0.289	1.0	0.0	60.7	-44.0	50.7	67.2	131	0.317	1.0	0.0	0.185	1.0	0.0	56.5	-50.9	42.7	66.5	140	0.317	1.0	0.0			
129	132	141	0.3	1.0	0.0	61.3	-43.0	51.7	67.3	129	0.28	1.0	0.0	60.2	-44.8	49.8	67.0	132	0.3	1.0	0.0	0.169	1.0	0.0	56.0	-51.7	41.6	66.5	141	0.3	1.0	0.0			
131	133	142	0.283	1.0	0.0	60.3	-44.5	50.1	67.0	131	0.271	1.0	0.0	59.6	-45.5	48.9	66.9	133	0.283	1.0	0.0	0.153	1.0	0.0	55.5	-52.5	40.5	66.4	142	0.283	1.0	0.0			
133	134	143	0.266	1.0	0.0	59.3	-45.9	48.5	66.8	133	0.262	1.0	0.0	59.1	-46.3	48.0	66.8	134	0.267	1.0	0.0	0.137	1.0	0.0	55.1	-53.3	39.4	66.4	143	0.267	1.0	0.0			
135	135	144	0.25	1.0	0.0	58.4	-47.3	46.8	66.6	135	0.253	1.0	0.0	58.6	-47.0	47.1	66.7	135	0.25	1.0	0.0	0.122	1.0	0.0	54.6	-54.2	38.4	66.5	144	0.25	1.0	0.0			
136	136	145	0.233	1.0	0.0	57.9	-48.3	45.8	66.5	136	0.241	1.0	0.0	58.1	-47.8	46.3	66.6	136	0.233	1.0	0.0	0.108	1.0	0.0	54.1	-55.4	37.6	67.0	145	0.233	1.0	0.0			
137	137	147	0.216	1.0	0.0	57.4	-49.2	44.7	66.5	137	0.227	1.0	0.0	57.7	-48.6	45.4	66.6	137	0.217	1.0	0.0	0.095	1.0	0.0	53.6	-56.6	36.7	67.6	147	0.217	1.0	0.0			
138	138	148	0.2	1.0	0.0	56.9	-50.1	43.6	66.5	138	0.213	1.0	0.0	57.3	-49.4	44.5	66.6	138	0.2	1.0	0.0	0.082	1.0	0.0	53.1	-57.8	35.8	68.1	148	0.2	1.0	0.0			
140	139	149	0.183	1.0	0.0	56.4	-51.0	42.5	66.4	140	0.2	1.0	0.0	56.9	-50.1	43.6	66.5	139	0.183	1.0	0.0	0.069	1.0	0.0	52.6	-59.0	34.9	68.6	149	0.183	1.0	0.0			
141	140	150	0.166	1.0	0.0	55.9	-51.9	41.4	66.4	141	0.186	1.0	0.0	56.5	-50.8	42.7	66.5	140	0.167	1.0	0.0	0.056	1.0	0.0	52.1	-60.1	34.0	69.2	150	0.167	1.0	0.0			
142	141	151	0.15	1.0	0.0	55.4	-52.7	40.3	66.4	142	0.172	1.0	0.0	56.1	-51.6	41.8	66.5	141	0.15	1.0	0.0	0.043	1.0	0.0	51.7	-61.3	33.0	69.7	151	0.15	1.0	0.0			
143	142	152	0.133	1.0	0.0	54.9	-53.5	39.1	66.3	143	0.159	1.0	0.0	55.7	-52.3	40.9	66.4	142	0.133	1.0	0.0	0.03	1.0	0.0	51.2	-62.4	32.0	70.2	152	0.133	1.0	0.0			
145	143	154	0.116	1.0	0.0	54.4	-54.7	38.0	66.6	145	0.145	1.0	0.0	55.3	-52.9	40.0	66.4	143	0.117	1.0	0.0	0.016	1.0	0.0	50.7	-63.5	30.9	70.8	154	0.117	1.0	0.0			
146	144	155	0.1	1.0	0.0	53.7	-56.2	37.0	67.3	146	0.131	1.0	0.0	54.9	-53.6	39.0	66.4	144	0.1	1.0	0.0	0.003	1.0	0.0	50.2	-64.6	29.9	71.3	155	0.1	1.0	0.0			
148	145	156	0.083	1.0	0.0	53.1	-57.7	35.9	68.0	148	0.119	1.0	0.0	54.5	-54.5	38.2	66.6	145	0.083	1.0	0.0	0.0	1.0	0.021	50.1	-64.6	28.3	70.6	156	0.083	1.0	0.0			
149	146	157	0.066	1.0	0.0	52.5	-59.2	34.7	68.7	149	0.107	1.0	0.0	54.1	-55.5	37.5	67.1	146	0.067	1.0	0.0	0.0	1.0	0.049	50.3	-64.2	26.5	69.5	157	0.067	1.0	0.0			
151	147	158	0.049	1.0	0.0	51.9	-60.7	33.5	69.4	151	0.096	1.0	0.0	53.7	-56.5	36.8	67.5	147	0.05	1.0	0.0	0.0	1.0	0.077	50.4	-63.7	24.8	68.4	158	0.05	1.0	0.0			
152	148	159	0.033	1.0	0.0	51.3	-62.2	32.2	70.0	152	0.085	1.0	0.0	53.2	-57.6	36.0	68.0	148	0.033	1.0	0.0	0.0	1.0	0.104	50.5	-63.1	23.1	67.3	159	0.033	1.0	0.0			
154	149	161	0.016	1.0	0.0	50.6	-63.6	30.9	70.7	154	0.074	1.0	0.0	52.8	-58.6	35.3	68.4	149	0.017	1.0	0.0	0.0	1.0	0.13	50.6	-62.6	21.5	66.3	161	0.017	1.0	0.0			
155	150	162	0.0	1.0	0.0	50.0	-65.0	29.6	71.4	155	G_d 0.062	1.0	0.0	52.4	-59.6	34.5	68.9	150	G_s 0.0	1.0	0.0	0.0	1.0	0.151	50.7	-62.0	19.9	65.2	162	G_e 0.0	1.0	0.0			
156	151	163	0.0	1.0	0.016	50.1	-64.7	28.5	70.7	156	0.051	1.0	0.0	52.0	-60.6	33.6	69.4	151	0.0	1.0	0.017	0.0	1.0	0.167	50.8	-61.6	18.7	64.4	163	0.0	1.0	0.017			
156	152	164	0.0	1.0	0.033	50.1	-64.5	27.4	70.1	156	0.04	1.0	0.0	51.5	-61.6	32.8	69.8	152	0.0	1.0	0.033	0.0	1.0	0.183	50.9	-61.1	17.5	63.6	164	0.0	1.0	0.033			
157	153	164																																	

se lignende filer: <http://130.149.60.45/~farbmetrik/PN98/PN98.HTM>
teknisk informasjon: <http://www.ps.barn.de> eller <http://130.149.60.45/~farbmetrik/>

TUB registrering: 20150701-PN98/PN98L0NP.PDF /.PS TUB-material: code=rha4ta
7 anvendelse for måling av offsettrykk output, separasjon cmy0 (CMY0)

Data til maksimalfargen M i fargemetrisk system Offset standard print; separation cmy0*. D65 for input eller output; Seks fargetonevinkler til 60 graders standardfargene $RYGCBM_s$: $h_{ab,ds} = 30.0, 90.0, 150.0, 210.0, 270.0, 330.0$; seks fargetonevinkler til apparatfargene $RYGCBM_d$: $h_{ab,d} = 32.3, 96.1, 155.5, 238.4, 306.2, 359.8$; seks fargetonevinkler til elementærfargene $RYGCBM_e$: $h_{ab,e} = 25.5, 92.3, 162.2, 217.0, 271.7, 328.6$

[illegible]

5-0131231-L0	PN980-71	LAB*la0, YN=0%, XYZnw=3.6, 4.2, 6.1, 85.4, 89.1, 104.8, LAB*nw=24.4, 0.0, 0.0, 95.6, 0.0, 0.0
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TUB-prøveplansje PN98; farbetoneplan: $H^*_e=R00Y_e$
48-trinns fargetonesirkel; *rgb-LabCh**-tabeller

input: $rgb/cmyk \rightarrow rgb_e$
output: overføring til $cmy0_e$

output: Offset standard print; separation cmy0*, D65, side 13/33

Data til maksimalfargen M i fargemetrisk system Offset standard print; separation cmy0*, D65 for input eller output; Seks fargetonevinkler til 60 graders standardfargene RYGCMB_s: $h_{ab,ds} = 30.0, 90.0, 150.0, 210.0, 270.0, 330.0$; seks fargetonevinkler til apparatfargene RYGCMB_d: $h_{ab,d} = 32.3, 96.1, 155.5, 238.4, 306.2, 359.8$; seks fargetonevinkler til elementærfargene RYGCMB_c: $h_{ab,e} = 25.5, 92.3, 162.2, 217.0, 271.7, 328.6$

$h_{ab,d}$	$h_{ab,s}$	$h_{ab,e}$	rgb^*_{dd361M}	$LAB^*_{ddx361Mi}(x=LabCh)$	$rgb^*_{ds361Mi}$	$LAB^*_{dsx361Mi}(x=LabCh)$	$rgb^*_{dd361Mi}$	$LAB^*_{de361Mi}$	$rgb^*_{dex361Mi}(x=LabCh)$	$rgb^*_{dd361Mi}$	rgb^*_{dd}	rgb^*_{ds}	rgb^*_{de}
238	210	216	0.0	1.0	1.0	56.8	-25.5	-41.5	48.7	238	0.0	1.0	1.0
239	211	217	0.0	0.983	1.0	56.4	-24.9	-41.5	48.4	239	0.0	0.983	1.0
239	212	218	0.0	0.966	1.0	56.1	-24.3	-41.5	48.1	239	0.0	0.967	1.0
240	213	219	0.0	0.95	1.0	55.7	-23.7	-41.5	47.8	240	0.0	0.95	1.0
240	214	220	0.0	0.933	1.0	55.4	-23.1	-41.5	47.5	240	0.0	0.933	1.0
241	215	221	0.0	0.916	1.0	55.0	-22.5	-41.4	47.2	241	0.0	0.917	1.0
242	216	222	0.0	0.9	1.0	54.6	-22.0	-41.4	46.9	242	0.0	0.9	1.0
242	217	223	0.0	0.883	1.0	54.3	-21.4	-41.4	46.6	242	0.0	0.883	1.0
243	218	224	0.0	0.866	1.0	53.9	-20.7	-41.3	46.3	243	0.0	0.867	1.0
244	219	225	0.0	0.85	1.0	53.4	-20.0	-41.3	45.9	244	0.0	0.85	1.0
245	220	226	0.0	0.833	1.0	52.9	-19.2	-41.3	45.6	245	0.0	0.833	1.0
245	221	227	0.0	0.816	1.0	52.4	-18.5	-41.3	45.3	245	0.0	0.817	1.0
246	222	227	0.0	0.8	1.0	51.9	-17.7	-41.3	44.9	246	0.0	0.8	1.0
247	223	228	0.0	0.783	1.0	51.4	-17.0	-41.2	44.6	247	0.0	0.783	1.0
248	224	229	0.0	0.766	1.0	50.9	-16.2	-41.2	44.2	248	0.0	0.767	1.0
249	225	230	0.0	0.75	1.0	50.4	-15.5	-41.1	43.9	249	0.0	0.75	1.0
250	226	231	0.0	0.733	1.0	49.9	-14.7	-41.1	43.6	250	0.0	0.733	1.0
251	227	232	0.0	0.716	1.0	49.4	-13.8	-41.1	43.4	251	0.0	0.717	1.0
252	228	233	0.0	0.7	1.0	48.8	-13.0	-41.1	43.1	252	0.0	0.7	1.0
253	229	234	0.0	0.683	1.0	48.3	-12.2	-41.1	42.9	253	0.0	0.683	1.0
254	230	235	0.0	0.666	1.0	47.8	-11.4	-41.0	42.6	254	0.0	0.667	1.0
255	231	236	0.0	0.65	1.0	47.3	-10.6	-41.0	42.3	255	0.0	0.65	1.0
256	232	237	0.0	0.633	1.0	46.8	-9.8	-40.9	42.1	256	0.0	0.633	1.0
257	233	237	0.0	0.616	1.0	46.2	-8.9	-40.9	41.8	257	0.0	0.617	1.0
259	234	238	0.0	0.6	1.0	45.5	-7.8	-40.9	41.7	259	0.0	0.6	1.0
260	235	239	0.0	0.583	1.0	44.9	-6.6	-41.0	41.5	260	0.0	0.583	1.0
262	236	240	0.0	0.566	1.0	44.2	-5.5	-40.9	41.3	262	0.0	0.567	1.0
263	237	241	0.0	0.55	1.0	43.6	-4.4	-40.9	41.1	263	0.0	0.55	1.0
265	238	242	0.0	0.533	1.0	43.0	-3.3	-40.8	41.0	265	0.0	0.533	1.0
266	239	243	0.0	0.516	1.0	42.3	-2.3	-40.7	40.8	266	0.0	0.517	1.0
268	240	244	0.0	0.5	1.0	41.7	-1.2	-40.6	40.6	268	0.0	0.5	1.0
269	241	245	0.0	0.483	1.0	41.1	-0.2	-40.6	40.6	269	0.0	0.483	1.0
271	242	246	0.0	0.466	1.0	40.5	0.7	-40.6	40.6	271	0.0	0.467	1.0
272	243	247	0.0	0.45	1.0	39.9	1.7	-40.6	40.6	272	0.0	0.45	1.0
273	244	248	0.0	0.433	1.0	39.3	2.7	-40.6	40.6	273	0.0	0.433	1.0
275	245	248	0.0	0.416	1.0	38.8	3.6	-40.5	40.6	275	0.0	0.417	1.0
276	246	249	0.0	0.4	1.0	38.2	4.6	-40.4	40.7	276	0.0	0.4	1.0
277	247	250	0.0	0.383	1.0	37.6	5.6	-40.3	40.7	277	0.0	0.383	1.0
279	248	251	0.0	0.366	1.0	37.0	6.6	-40.2	40.8	279	0.0	0.367	1.0
280	249	252	0.0	0.35	1.0	36.4	7.7	-40.3	41.1	280	0.0	0.35	1.0
282	250	253	0.0	0.333	1.0	35.8	8.8	-40.4	41.3	282	0.0	0.333	1.0
283	251	254	0.0	0.316	1.0	35.2	9.9	-40.4	41.6	283	0.0	0.317	1.0
285	252	255	0.0	0.3	1.0	34.6	11.0	-40.4	41.9	285	0.0	0.3	1.0
286	253	256	0.0	0.283	1.0	34.0	12.1	-40.3	42.1	286	0.0	0.283	1.0
288	254	257	0.0	0.266	1.0	33.4	13.2	-40.3	42.4	288	0.0	0.267	1.0
289	255	258	0.0	0.25	1.0	32.8	14.3	-40.2	42.7	289	0.0	0.25	1.0

5-0131331-L0 PN980-71 LAB*la0, YN=0%, XYZnw=3.6, 4.2, 6.1, 85.4, 89.1, 104.8, LAB*nw=24.4, 0.0, 0.0, 95.6, 0.0, 0.0

output: Offset standard print; separation cmy0*, D65, side 14/33

TUB-prøveplansje PN98; farbetoneplan: $H^*_e=R00Y_e$
48-trinns fargetonesirkel; $rgb-LabCh^*$ tabeller

input: $rgb/cmyk \rightarrow rgb_e$
output: overføring til $cmy0_e$

Data til maksimalfargen M i fargemetrisk system Offset standard print; separation cmy0*, D65 for input eller output; Seks fargetonevinkler til 60 graders standardfargene RYGBM_s: $h_{ab,ds} = 30.0, 90.0, 150.0, 210.0, 270.0, 330.0$; seks fargetonevinkler til apparatfargene RYGBM_d: $h_{ab,d} = 32.3, 96.1, 155.5, 238.4, 306.2, 359.8$; seks fargetonevinkler til elementærfargene RYGBM_c: $h_{ab,c} = 25.5, 92.3, 162.2, 217.0, 271.7, 328.6$

$h_{ab,d}$	$h_{ab,s}$	$h_{ab,e}$	rgb^*_{dd361M}	$LAB^*_{dd361Mi}$ (x=LabCh)	$rgb^*_{ds361Mi}$	$LAB^*_{dsx361Mi}$ (x=LabCh)	$rgb^*_{dd361Mi}$	$LAB^*_{de361Mi}$	$LAB^*_{dex361Mi}$ (x=LabCh)	$rgb^*_{dd361Mi}$	rgb^*_{dd}	rgb^*_{ds}	rgb^*_{de}	
289	255	258	0.0	0.25 1.0	32.8	14.3	-40.2 42.7	289	0.0	0.25 1.0	0.0	0.25 1.0	0.0	0.25 1.0
290	256	258	0.0	0.233 1.0	32.2	15.3	-40.3 43.1	290	0.0	0.233 1.0	0.0	0.233 1.0	0.0	0.233 1.0
292	257	259	0.0	0.216 1.0	31.7	16.4	-40.3 43.6	292	0.0	0.217 1.0	0.0	0.217 1.0	0.0	0.217 1.0
293	258	260	0.0	0.2 1.0	31.1	17.5	-40.4 44.0	293	0.0	0.2 1.0	0.0	0.2 1.0	0.0	0.2 1.0
294	259	261	0.0	0.183 1.0	30.6	18.5	-40.4 44.5	294	0.0	0.183 1.0	0.0	0.183 1.0	0.0	0.183 1.0
295	260	262	0.0	0.166 1.0	30.0	19.6	-40.4 44.9	295	0.0	0.167 1.0	0.0	0.167 1.0	0.0	0.167 1.0
297	261	263	0.0	0.15 1.0	29.5	20.7	-40.4 45.4	297	0.0	0.15 1.0	0.0	0.15 1.0	0.0	0.15 1.0
298	262	264	0.0	0.133 1.0	28.9	21.8	-40.3 45.8	298	0.0	0.133 1.0	0.0	0.133 1.0	0.0	0.133 1.0
299	263	265	0.0	0.116 1.0	28.4	22.8	-40.3 46.3	299	0.0	0.117 1.0	0.0	0.117 1.0	0.0	0.117 1.0
300	264	266	0.0	0.1 1.0	27.9	23.8	-40.4 46.9	300	0.0	0.1 1.0	0.0	0.1 1.0	0.0	0.1 1.0
301	265	267	0.0	0.083 1.0	27.4	24.7	-40.4 47.4	301	0.0	0.083 1.0	0.0	0.083 1.0	0.0	0.083 1.0
302	266	268	0.0	0.066 1.0	26.9	25.7	-40.4 47.9	302	0.0	0.067 1.0	0.0	0.067 1.0	0.0	0.067 1.0
303	267	269	0.0	0.049 1.0	26.5	26.6	-40.5 48.4	303	0.0	0.05 1.0	0.0	0.05 1.0	0.0	0.05 1.0
304	268	269	0.0	0.033 1.0	26.0	27.6	-40.4 49.0	304	0.0	0.033 1.0	0.0	0.033 1.0	0.0	0.033 1.0
305	269	270	0.0	0.016 1.0	25.5	28.6	-40.4 49.5	305	0.0	0.017 1.0	0.0	0.017 1.0	0.0	0.017 1.0
306	270	271	0.0	0.0 1.0	25.0	29.5	-40.4 50.0	306	0.0	0.0 1.0	0.0	0.0 1.0	0.0	0.0 1.0
307	271	272	0.016 0.0	1.0	25.4	30.4	-39.9 50.2	307	0.0	0.017 0.0	0.0	0.017 0.0	0.0	0.017 0.0
308	272	273	0.033 0.0	1.0	25.8	31.3	-39.4 50.4	308	0.0	0.033 0.0	0.0	0.033 0.0	0.0	0.033 0.0
309	273	274	0.05 0.0	1.0	26.2	32.2	-38.9 50.5	309	0.0	0.05 0.0	0.0	0.05 0.0	0.0	0.05 0.0
310	274	275	0.066 0.0	1.0	26.5	33.1	-38.4 50.7	310	0.0	0.067 0.0	0.0	0.067 0.0	0.0	0.067 0.0
311	275	276	0.083 0.0	1.0	26.9	33.9	-37.8 50.8	311	0.0	0.083 0.0	0.0	0.083 0.0	0.0	0.083 0.0
313	276	277	0.1 0.0	1.0	27.3	34.8	-37.3 51.0	313	0.0	0.1 0.0	0.0	0.1 0.0	0.0	0.1 0.0
314	277	278	0.116 0.0	1.0	27.7	35.6	-36.7 51.1	314	0.0	0.117 0.0	0.0	0.117 0.0	0.0	0.117 0.0
315	278	279	0.133 0.0	1.0	27.9	36.4	-36.2 51.3	315	0.0	0.133 0.0	0.0	0.133 0.0	0.0	0.133 0.0
316	279	280	0.15 0.0	1.0	28.1	37.2	-35.7 51.6	316	0.0	0.15 0.0	0.0	0.15 0.0	0.0	0.15 0.0
317	280	281	0.166 0.0	1.0	28.2	38.0	-35.2 51.9	317	0.0	0.167 0.0	0.0	0.167 0.0	0.0	0.167 0.0
318	281	282	0.183 0.0	1.0	28.3	38.8	-34.7 52.1	318	0.0	0.183 0.0	0.0	0.183 0.0	0.0	0.183 0.0
319	282	283	0.2 0.0	1.0	28.5	39.6	-34.2 52.4	319	0.0	0.2 0.0	0.0	0.2 0.0	0.0	0.2 0.0
320	283	284	0.216 0.0	1.0	28.6	40.4	-33.7 52.6	320	0.0	0.217 0.0	0.0	0.217 0.0	0.0	0.217 0.0
321	284	285	0.233 0.0	1.0	28.7	41.2	-33.1 52.9	321	0.0	0.233 0.0	0.0	0.233 0.0	0.0	0.233 0.0
322	285	285	0.25 0.0	1.0	28.8	41.9	-32.5 53.1	322	0.0	0.25 0.0	0.0	0.25 0.0	0.0	0.25 0.0
323	286	286	0.266 0.0	1.0	29.4	43.3	-31.8 53.8	323	0.0	0.267 0.0	0.0	0.267 0.0	0.0	0.267 0.0
325	287	287	0.283 0.0	1.0	29.9	44.7	-31.1 54.4	325	0.0	0.283 0.0	0.0	0.283 0.0	0.0	0.283 0.0
326	288	288	0.3 0.0	1.0	30.4	46.0	-30.3 55.1	326	0.0	0.3 0.0	0.0	0.3 0.0	0.0	0.3 0.0
328	289	289	0.316 0.0	1.0	30.9	47.3	-29.4 55.7	328	0.0	0.317 0.0	0.0	0.317 0.0	0.0	0.317 0.0
329	290	290	0.333 0.0	1.0	31.4	48.6	-28.5 56.4	329	0.0	0.333 0.0	0.0	0.333 0.0	0.0	0.333 0.0
331	291	291	0.35 0.0	1.0	32.0	49.9	-27.5 57.0	331	0.0	0.35 0.0	0.0	0.35 0.0	0.0	0.35 0.0
332	292	292	0.366 0.0	1.0	32.5	51.2	-26.5 57.7	332	0.0	0.367 0.0	0.0	0.367 0.0	0.0	0.367 0.0
333	293	293	0.383 0.0	1.0	32.9	52.3	-25.7 58.3	333	0.0	0.383 0.0	0.0	0.383 0.0	0.0	0.383 0.0
334	294	294	0.4 0.0	1.0	33.3	53.2	-25.0 58.8	334	0.0	0.4 0.0	0.0	0.4 0.0	0.0	0.4 0.0
335	295	295	0.416 0.0	1.0	33.7	54.1	-24.4 59.4	335	0.0	0.417 0.0	0.0	0.417 0.0	0.0	0.417 0.0
336	296	296	0.433 0.0	1.0	34.0	55.0	-23.7 59.9	336	0.0	0.433 0.0	0.0	0.433 0.0	0.0	0.433 0.0
337	297	297	0.45 0.0	1.0	34.4	55.9	-23.0 60.5	337	0.0	0.45 0.0	0.0	0.45 0.0	0.0	0.45 0.0
338	298	298	0.466 0.0	1.0	34.8	56.8	-22.2 61.0	338	0.0	0.467 0.0	0.0	0.467 0.0	0.0	0.467 0.0
339	299	299	0.483 0.0	1.0	35.2	57.7	-21.5 61.6	339	0.0	0.483 0.0	0.0	0.483 0.0	0.0	0.483 0.0
340	300	300	0.5 0.0	1.0	35.6	58.6	-20.7 62.1	340	0.0	0.5 0.0	0.0	0.5 0.0	0.0	0.5 0.0

5-0131431-L0 PN980-71 LAB*la0, YN=0%, XYZnw=3.6, 4.2, 6.1, 85.4, 89.1, 104.8, LAB*nw=24.4, 0.0, 0.0, 95.6, 0.0, 0.0

TUB-prøveplansje PN98; farbetoneplan: $H^*_e=R00Y_e$
48-trinns fargetonesirkel; $rgb-LabCh^*$ tabeller

input: $rgb/cmyk \rightarrow rgb_e$
output: overføring til $cmy0_e$

output: Offset standard print; separation cmy0*, D65, side 15/33

Data til maksimalfargen M in fargemetrisk system Offset standard print; separation cmy0*, D65 for input eller output; Seks fargetonevinkler til 60 graders standardfargene RYGCMB _s : h _{ab,ds} = 30.0, 90.0, 150.0, 210.0, 270.0, 330.0; seks fargetonevinkler til apparatfargene RYGCMB _d : h _{ab,d} = 32.3, 96.1, 155.5, 238.4, 306.2, 359.8; seks fargetonevinkler til elementærfargene RYGCMB _c : h _{ab,c} = 25.5, 92.3, 162.2, 217.0, 271.7, 328.6																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																				
h _{ab,d} h _{ab,s} h _{ab,e}			rgb*dd361M		LAB*ddx361Mi (x=LabCh)				rgb*ds361Mi				LAB*dsx361Mi (x=LabCh)				rgb*dd361Mi				rgb*de361Mi				LAB*dex361Mi (x=LabCh)				rgb*dd361Mi				rgb*dd361Mi				rgb*dd361Mi				rgb*dd361Mi				rgb*dd361Mi				rgb*dd361Mi				rgb*dd361Mi				rgb*dd361Mi				rgb*dd361Mi				rgb*dd361Mi				rgb*dd361Mi				rgb*dd361Mi				rgb*dd361Mi				rgb*dd361Mi				rgb*dd361Mi				rgb*dd361Mi				rgb*dd361Mi				rgb*dd361Mi				rgb*dd361Mi				rgb*dd361Mi				rgb*dd361Mi				rgb*dd361Mi				rgb*dd361Mi				rgb*dd361Mi				rgb*dd361Mi				rgb*dd361Mi				rgb*dd361Mi				rgb*dd361Mi				rgb*dd361Mi				rgb*dd361Mi				rgb*dd361Mi				rgb*dd361Mi				rgb*dd361Mi				rgb*dd361Mi				rgb*dd361Mi				rgb*dd361Mi				rgb*dd361Mi				rgb*dd361Mi				rgb*dd361Mi				rgb*dd361Mi				rgb*dd361Mi				rgb*dd361Mi				rgb*dd361Mi				rgb*dd361Mi				rgb*dd361Mi				rgb*dd361Mi				rgb*dd361Mi				rgb*dd361Mi				rgb*dd361Mi				rgb*dd361Mi				rgb*dd361Mi				rgb*dd361Mi				rgb*dd361Mi				rgb*dd361Mi				rgb*dd361Mi				rgb*dd361Mi				rgb*dd361Mi				rgb*dd361Mi				rgb*dd361Mi				rgb*dd361Mi				rgb*dd361Mi				rgb*dd361Mi				rgb*dd361Mi				rgb*dd361Mi				rgb*dd361Mi				rgb*dd361Mi				rgb*dd361Mi				rgb*dd361Mi				rgb*dd361Mi				rgb*dd361Mi				rgb*dd361Mi				rgb*dd361Mi				rgb*dd361Mi				rgb*dd361Mi				rgb*dd361Mi				rgb*dd361Mi				rgb*dd361Mi				rgb*dd361Mi				rgb*dd361Mi				rgb*dd361Mi				rgb*dd361Mi				rgb*dd361Mi				rgb*dd361Mi				rgb*dd361Mi				rgb*dd361Mi				rgb*dd361Mi				rgb*dd361Mi				rgb*dd361Mi				rgb*dd361Mi				rgb*dd361Mi				rgb*dd361Mi				rgb*dd361Mi				rgb*dd361Mi				rgb*dd361Mi				rgb*dd361Mi				rgb*dd361Mi				rgb*dd361Mi				rgb*dd361Mi				rgb*dd361Mi				rgb*dd361Mi				rgb*dd361Mi				rgb*dd361Mi				rgb*dd361Mi				rgb*dd361Mi				rgb*dd361Mi				rgb*dd361Mi				rgb*dd361Mi				rgb*dd361Mi				rgb*dd361Mi				rgb*dd361Mi				rgb*dd361Mi				rgb*dd361Mi				rgb*dd361Mi				rgb*dd361Mi				rgb*dd361Mi				rgb*dd361Mi				rgb*dd361Mi				rgb*dd361Mi				rgb*dd361Mi				rgb*dd361Mi				rgb*dd361Mi				rgb*dd361Mi				rgb*dd361Mi				rgb*dd361Mi				rgb*dd361Mi				rgb*dd361Mi				rgb*dd361Mi				rgb*dd361Mi				rgb*dd361Mi				rgb*dd361Mi				rgb*dd361Mi				rgb*dd361Mi				rgb*dd361Mi				rgb*dd361Mi				rgb*dd361Mi				rgb*dd361Mi				rgb*dd361Mi				rgb*dd361Mi				rgb*dd361Mi				rgb*dd361Mi				rgb*dd361Mi				rgb*dd361Mi				rgb*dd361Mi				rgb*dd361Mi				rgb*dd361Mi				rgb*dd361Mi				rgb*dd361Mi				rgb*dd361Mi				rgb*dd361Mi				rgb*dd361Mi				rgb*dd361Mi				rgb*dd361Mi				rgb*dd361Mi				rgb*dd361Mi				rgb*dd361Mi				rgb*dd361Mi				rgb*dd361Mi				rgb*dd361Mi				rgb*dd361Mi				rgb*dd361Mi				rgb*dd361Mi				rgb*dd361Mi				rgb*dd361Mi				rgb*dd361Mi				rgb*dd361Mi				rgb*dd361Mi				rgb*dd361Mi				rgb*dd361Mi				rgb*dd361Mi				rgb*dd361Mi				rgb*dd361Mi				rgb*dd361Mi				rgb*dd361Mi				rgb*dd361Mi				rgb*dd361Mi				rgb*dd361Mi				rgb*dd361Mi				rgb*dd361Mi				rgb*dd361Mi				rgb*dd361Mi				rgb*dd361Mi				rgb*dd361Mi				rgb*dd361Mi				rgb*dd361Mi				rgb*dd361Mi				rgb*dd361Mi				rgb*dd361Mi				rgb*dd361Mi				rgb*dd361Mi				rgb*dd361Mi				rgb*dd361Mi				rgb*dd361Mi				rgb*dd361Mi				rgb*dd361Mi				rgb*dd361Mi				rgb*dd361Mi				rgb*dd361Mi				rgb*dd361Mi				rgb*dd361Mi				rgb*dd361Mi				rgb*dd361Mi				rgb*dd361Mi				rgb*dd361Mi				rgb*dd361Mi				rgb*dd361Mi				rgb*dd361Mi				rgb*dd361Mi				rgb*dd361Mi				rgb*dd361Mi				rgb*dd361Mi				rgb*dd361Mi				rgb*dd361Mi				rgb*dd361Mi				rgb*dd361Mi				rgb*dd361Mi				rgb*dd361Mi				rgb*dd361Mi				rgb*dd361Mi				rgb*dd361Mi				rgb*dd361Mi				rgb*dd361Mi				rgb*dd361Mi				rgb*dd361Mi				rgb*dd361Mi				rgb*dd361Mi				rgb*dd361Mi				rgb*dd361Mi				rgb*dd361Mi				rgb*dd361Mi				rgb*dd361Mi				rgb*dd361Mi				rgb*dd361Mi				rgb*dd361Mi				rgb*dd361Mi				rgb*dd361Mi				rgb*dd361Mi				rgb*dd361Mi				rgb*dd361Mi				rgb*dd361Mi				rgb*dd361Mi				rgb*dd361Mi				rgb*dd361Mi				rgb*dd361Mi				rgb*dd361Mi				rgb*dd361Mi				rgb*dd361Mi				rgb*dd361Mi				rgb*dd361Mi				rgb*dd361Mi				rgb*dd361Mi				rgb*dd361Mi				rgb*dd361Mi				rgb*dd361Mi				rgb*dd361Mi				rgb*dd361Mi				rgb*dd361Mi				rgb*dd361Mi				rgb*dd361Mi				rgb*dd361Mi				rgb*dd361Mi				rgb*dd361Mi				rgb*dd361Mi				rgb*dd361Mi				rgb*dd361Mi				rgb*dd361Mi				rgb*dd361Mi				rgb*dd361Mi				rgb*dd361Mi				rgb*dd361Mi				rgb*dd361Mi				rgb*dd361Mi				rgb*dd361Mi				rgb*dd361Mi				rgb*dd361Mi				rgb*dd361Mi				rgb*dd361Mi				rgb*dd361Mi				rgb*dd361Mi				rgb*dd361Mi				rgb*dd361Mi				rgb*dd361Mi				rgb*dd361Mi				rgb*dd361Mi				rgb*dd361Mi				rgb*dd361Mi				rgb*dd361Mi				rgb*dd361Mi				rgb*dd361Mi				rgb*dd361Mi				rgb*dd361Mi				rgb*dd361Mi				rgb*dd361Mi				rgb*dd361Mi				rgb*dd361Mi				rgb*dd361Mi				rgb*dd361Mi				rgb*dd361Mi				rgb*dd361Mi				rgb*dd361Mi				rgb*dd361Mi				rgb*dd361Mi				rgb*dd361Mi				rgb*dd361Mi				rgb*dd361Mi				rgb*dd361Mi				rgb*dd361Mi				rgb*dd361Mi				rgb*dd361Mi				rgb*dd361Mi				rgb*dd361Mi				rgb*dd361Mi				rgb*dd361Mi				rgb*dd361Mi				rgb*dd361Mi				rgb*dd361Mi				rgb*dd361Mi				rgb*dd361Mi				rgb*dd361Mi				rgb*dd361Mi				rgb*dd361Mi				rgb*dd361Mi				rgb*dd361Mi				rgb*dd361Mi				rgb*dd361Mi				rgb*dd361Mi				rgb*dd361Mi				rgb*dd361Mi				rgb*dd361Mi				rgb*dd361Mi				rgb*dd361Mi				rgb*dd361Mi				rgb*dd361Mi				rgb*dd361Mi				rgb*dd361Mi				rgb*dd361Mi				rgb*dd361Mi				rgb*dd361Mi				rgb*dd361Mi				rgb*dd361Mi				rgb*dd361Mi				rgb*dd361Mi				rgb*dd361Mi				rgb*dd361Mi				rgb*dd361Mi				rgb*dd361Mi				rgb*dd361Mi				rgb*dd361Mi				rgb*dd361Mi				rgb*dd361Mi				rgb*dd361Mi				rgb*dd361Mi				rgb*dd361Mi				rgb*dd361Mi				rgb*dd361Mi				rgb*dd361Mi				rgb*dd361Mi				rgb*dd361Mi							

Data til maksimalfargen M in fargemetrisk system Offset standard print; separation cmy0*, D65 for input eller output; Seks fargetonevinkler til 60 graders standardfargene RYGBM _s ; h _{ab,ds} = 30.0, 90.0, 150.0, 210.0, 270.0, 330.0; seks fargetonevinkler til apparatfargene RYGBM _d ; h _{ab,d} = 32.3, 96.1, 155.5, 238.4, 306.2, 359.8; seks fargetonevinkler til elementærfargene RYGBM _c ; h _{ab,e} = 25.5, 92.3, 162.2, 217.0, 271.7, 328.6																		
h _{ab,d}	h _{ab,s}	h _{ab,e}	rgb* dd361M	LAB* dxx361Mi (x=LabCh)	rgb* ds361Mi	LAB* dsxx361Mi (x=LabCh)	rgb* dd361Mi	rgb* de361Mi	LAB* dex361Mi (x=LabCh)	rgb* dd361Mi	rgb* ds361Mi	rgb* ds361Mi	rgb* ds361Mi	rgb* ds361Mi	rgb* ds361Mi	rgb* ds361Mi	rgb* ds361Mi	rgb* ds361Mi
366	345	342	1.0	0.0	0.75	45.9	77.1	8.6	77.6	366	0.576	0.0	1.0	37.1	62.9	-16.7	65.1	345
367	346	343	1.0	0.0	0.733	45.9	77.0	9.4	77.5	367	0.593	0.0	1.0	37.5	63.8	-15.8	65.7	346
367	347	344	1.0	0.0	0.716	45.9	76.8	10.3	77.5	367	0.61	0.0	1.0	37.8	64.7	-14.8	66.4	347
368	348	345	1.0	0.0	0.7	45.9	76.6	11.1	77.4	368	0.627	0.0	1.0	38.2	65.6	-13.8	67.1	348
368	349	346	1.0	0.0	0.683	45.9	76.4	11.9	77.3	368	0.654	0.0	1.0	39.0	66.8	-12.9	68.1	349
369	350	347	1.0	0.0	0.666	45.9	76.2	12.8	77.2	369	0.681	0.0	1.0	39.8	68.0	-11.9	69.1	350
370	351	348	1.0	0.0	0.65	46.0	75.9	13.6	77.2	370	0.708	0.0	1.0	40.6	69.2	-10.9	70.1	351
370	352	349	1.0	0.0	0.633	46.0	75.7	14.4	77.1	370	0.735	0.0	1.0	41.4	70.4	-9.8	71.1	352
371	353	350	1.0	0.0	0.616	46.0	75.5	15.2	77.1	371	0.765	0.0	1.0	42.1	71.6	-8.7	72.1	353
372	354	351	1.0	0.0	0.6	45.9	75.4	16.1	77.1	372	0.8	0.0	1.0	42.8	72.7	-7.5	73.1	354
372	355	352	1.0	0.0	0.583	45.9	75.2	16.9	77.1	372	0.835	0.0	1.0	43.5	73.9	-6.4	74.2	355
373	356	353	1.0	0.0	0.566	45.9	75.0	17.8	77.1	373	0.87	0.0	1.0	44.2	75.0	-5.1	75.2	356
374	357	354	1.0	0.0	0.55	45.9	74.8	18.6	77.1	374	0.904	0.0	1.0	44.7	76.2	-3.9	76.3	357
374	358	355	1.0	0.0	0.533	45.9	74.6	19.5	77.1	374	0.938	0.0	1.0	45.2	77.3	-2.6	77.3	358
375	359	356	1.0	0.0	0.516	45.9	74.4	20.3	77.1	375	0.971	0.0	1.0	45.7	78.4	-1.3	78.4	359
375	360	352	1.0	0.0	0.5	45.9	74.2	21.1	77.1	375	1.0	0.0	0.994	46.1	79.3	0.0	79.3	360
376	361	353	1.0	0.0	0.483	45.8	74.1	22.1	77.3	376	1.0	0.0	0.955	46.1	79.0	1.4	79.0	361
377	362	354	1.0	0.0	0.466	45.8	73.9	23.1	77.4	377	1.0	0.0	0.916	46.0	78.6	2.7	78.7	362
378	363	355	1.0	0.0	0.45	45.8	73.8	24.0	77.6	378	1.0	0.0	0.876	46.0	78.3	4.1	78.4	363
378	364	356	1.0	0.0	0.433	45.8	73.6	25.0	77.7	378	1.0	0.0	0.839	46.0	78.0	5.5	78.2	364
379	365	357	1.0	0.0	0.416	45.8	73.4	25.9	77.9	379	1.0	0.0	0.802	46.0	77.7	6.8	78.0	365
380	366	358	1.0	0.0	0.4	45.8	73.2	26.9	78.0	380	1.0	0.0	0.765	46.0	77.3	8.1	77.8	366
380	367	359	1.0	0.0	0.383	45.8	73.0	27.8	78.2	380	1.0	0.0	0.734	46.0	77.0	9.5	77.6	367
381	368	360	1.0	0.0	0.366	45.8	72.9	28.7	78.4	381	1.0	0.0	0.708	46.0	76.7	10.8	77.5	368
382	369	362	1.0	0.0	0.35	45.8	72.8	29.6	78.6	382	1.0	0.0	0.681	46.0	76.4	12.1	77.4	369
382	370	363	1.0	0.0	0.333	45.7	72.7	30.4	78.8	382	1.0	0.0	0.655	46.0	76.1	13.4	77.2	370
383	371	364	1.0	0.0	0.316	45.7	72.6	31.2	79.1	383	1.0	0.0	0.628	46.0	75.7	14.7	77.1	371
383	372	365	1.0	0.0	0.3	45.7	72.5	32.1	79.3	383	1.0	0.0	0.602	46.0	75.4	16.0	77.1	372
384	373	366	1.0	0.0	0.283	45.6	72.4	32.9	79.6	384	1.0	0.0	0.576	46.0	75.2	17.4	77.1	373
385	374	367	1.0	0.0	0.266	45.6	72.3	33.8	79.8	385	1.0	0.0	0.55	45.9	74.9	18.7	77.2	374
385	375	368	1.0	0.0	0.25	45.6	72.1	34.6	80.0	385	1.0	0.0	0.524	45.9	74.5	20.0	77.2	375
386	376	369	1.0	0.0	0.233	45.6	72.1	35.3	80.3	386	1.0	0.0	0.498	45.9	74.2	21.3	77.2	376
386	377	370	1.0	0.0	0.216	45.6	72.0	36.1	80.5	386	1.0	0.0	0.475	45.9	74.0	22.6	77.4	377
387	378	372	1.0	0.0	0.2	45.6	71.9	36.8	80.8	387	1.0	0.0	0.451	45.9	73.8	24.0	77.6	378
387	379	373	1.0	0.0	0.183	45.5	71.8	37.5	81.0	387	1.0	0.0	0.428	45.9	73.6	25.3	77.8	379
388	380	374	1.0	0.0	0.166	45.5	71.7	38.2	81.3	388	1.0	0.0	0.404	45.9	73.3	26.7	78.0	380
388	381	375	1.0	0.0	0.15	45.5	71.6	39.0	81.5	388	1.0	0.0	0.38	45.8	73.1	28.0	78.3	381
389	382	376	1.0	0.0	0.133	45.5	71.5	39.7	81.8	389	1.0	0.0	0.353	45.8	72.9	29.4	78.6	382
389	383	377	1.0	0.0	0.116	45.5	71.4	40.4	82.1	389	1.0	0.0	0.325	45.8	72.7	30.9	79.0	383
389	384	378	1.0	0.0	0.1	45.5	71.3	41.0	82.3	389	1.0	0.0	0.297	45.7	72.5	32.3	79.4	384
390	385	379	1.0	0.0	0.083	45.5	71.3	41.6	82.6	390	1.0	0.0	0.268	45.7	72.3	33.7	79.8	385
390	386	381	1.0	0.0	0.066	45.5	71.2	42.3	82.8	390	1.0	0.0	0.238	45.6	72.1	35.2	80.3	386
391	387	382	1.0	0.0	0.049	45.5	71.1	42.9	83.1	391	1.0	0.0	0.204	45.6	72.0	36.7	80.8	387
391	388	383	1.0	0.0	0.033	45.4	71.1	43.5	83.4	391	1.0	0.0	0.17	45.6	71.8	38.2	81.3	388
391	389	384	1.0	0.0	0.016	45.4	71.0	44.2	83.6	391	1.0	0.0	0.135	45.6	71.6	39.7	81.8	389
392	390	385	1.0	0.0	0.0	45.4	70.9	44.8	83.9	392	1.0	0.0	0.096	45.5	71.4	41.2	82.4	390
392	390	385	1.0	0.0	0.0	45.4	70.9	44.8	83.9	392	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

5-0131631-L0 PN980-71 LAB*la0, YN=0%, XYZnw=3.6, 4.2, 6.1, 85.4, 89.1, 104.8, LAB*nw=24.4, 0.0, 0.0, 95.6, 0.0, 0.0

TUB-prøveplansje PN98; farbetoneplan: H*e=R00Ye
48-trinns fargetonesirkel; rgb-LabCh*tabeller

input: rgb/cmyk -> rgb
output: overføring til cmy0e

output: Offset standard print; separation cmy0*, D65, side 17/33

se lignende filer: <http://130.149.60.45/~farbmetrik/PN98/PN98.HTM>
teknisk informasjon: <http://www.ps.bam.de> eller <http://130.149.60.45/~farbmetrik>

http://130.149.60.45/~farbmetrik/PN98/PN98LONP.PDF /PS; overføring output
N: ingen 3D-linearisering (OL) i fil (F) eller PS-startup (S), side 20/33

TUB-prøveplansje PN98; farbetoneplan: $H_e^* = R00Y_e$

input: $rgb/cmyk \rightarrow rgb_e$
output: overføring til $cmy0_e$

[illegible]

F 0101031 F0

DATE OF THE ORDER

$$\Delta E^* = 10.9$$



TUB-material: code=rha4ta
CMY0)

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

1043

[illegible]

se lignende filer: <http://130.149.60.45/~farbmetrik/PN98/PN98.HTM>
teknisk informasjon: <http://www.ps.bam.de> eller <http://130.149.60.45/~farbmetrik>

http://130.149.60.45/~farbmetrik/PN98/PN98L0NP.PDF /PS; overføring output N: ingen 3D-linearisering (OL) i fil (F) eller PS-startup (S), side 23/33

TUB-prøveplansje PN98: farbetoneplan: $H_e^* = R00Y_e$
 input: $rgb/cmyk \rightarrow rgb_e$
 output: overføring til $cmy0_e$
 farger og fargeavstander: ΔE^* ,

HC ^{Fe}	rgb ^{Fe}	ict ^{Fe}	hs ^{Fe}	rgb ^{Fe}	LabCh ^{Fe}	LabCh ^{Fe}	rgb ^{Fe}	LabCh ^{Fe}	DE ^{Fe}	h _{max} ^{Fe}	rgb ^{Fe}	LabCh ^{Fe}	n																					
R00Y_037_037 ^{Fe}	0.375	0.0	0.375	0.375	0.0095	32.3	27.0	12.9	30.0	25.4	0.375	0.0	31.7	36.2	13.7	40.3	26.1	10.8	13.4	379	1.0	0.0	0.254	456	77.2	34.4	80.0	25.4						
R18Y_037_037 ^{Fe}	0.375	0.0125	0.375	0.375	0.187	390	32.4	29.2	24.2	29.2	4.3	0.375	0.0	31.6	36.7	17.2	39.0	39.3	11.9	20.1	306	0.603	0.0	1.0	0.827	45.6	77.8	5.8	78.1	4.3				
B65R_037_037 ^{Fe}	0.375	0.025	0.375	0.375	0.187	349	24.1	-5.9	24.7	346.6	0.375	0.0	31.7	38.5	8.1	39.3	43.9	26.4	288	0.321	0.0	1.0	0.311	0.477	-15.3	66.1	346.6	15.3	346.6					
B50R_037_037 ^{Fe}	0.375	0.0375	0.375	0.375	0.187	330	26.9	17.9	-10.7	20.9	328.6	0.375	0.0	31.7	39.8	3.0	39.9	43.0	355.5	29.3	277	0.1305	0.0	1.0	0.799	36.5	-36.1	51.4	316.8					
B30R_050_050 ^{Fe}	0.375	0.0	0.5	0.25	316	0067	0.0	0.625	24.9	18.7	-25.1	31.3	306.8	0.375	0.0	32.2	42.9	-3.3	43.0	355.5	29.3	277	0.0008	0.0	1.0	25.2	30.0	-40.1	50.1	306.8				
B23K_075_075 ^{Fe}	0.375	0.0	0.625	0.625	0.312	307	17.6	-30.1	17.6	30.0	0.375	0.0	32.4	45.1	-9.5	46.1	41.6	49.6	34.1	33.2	264	0.0	0.105	1.0	28.1	23.2	-40.4	46.7	300.1					
B23K_087_087 ^{Fe}	0.375	0.0	0.75	0.75	0.375	295	0.0	0.079	27.5	17.6	-30.1	35.0	391.1	0.375	0.0	32.5	49.3	-21.4	53.8	336.5	35.5	260	0.0	0.173	1.0	30.2	19.2	-40.4	44.7	295.4				
B18R_100_100 ^{Fe}	0.375	0.0	0.5	0.25	292	0.0	0.21	1.0	31.5	16.8	-40.4	43.7	292.5	0.375	0.0	32.7	58.0	-26.0	58.0	333.9	37.3	258	0.0	0.21	1.0	31.5	16.8	-40.4	43.7	292.5				
R31Y_037_037 ^{Fe}	0.375	0.0125	0.375	0.375	0.187	49	0.375	0.092	0.0	35.3	19.6	20.7	28.5	46.6	0.375	0.0	34.8	28.0	21.3	35.2	37.3	8.4	43	1.0	0.246	0.0	53.5	52.2	55.3	76.1	46.6			
R00Y_037_025 ^{Fe}	0.375	0.0125	0.375	0.025	390	0.375	0.124	0.188	38.6	18.0	8.6	20.0	25.4	0.375	0.0	34.8	28.0	21.3	35.2	37.3	8.4	43	1.0	0.246	0.0	53.5	52.2	55.3	76.1	46.6				
R00Y_037_025 ^{Fe}	0.375	0.0125	0.375	0.025	390	0.375	0.124	0.188	38.6	18.0	8.6	20.0	25.4	0.375	0.0	34.8	28.0	21.3	35.2	37.3	8.4	43	1.0	0.246	0.0	53.5	52.2	55.3	76.1	46.6				
B50R_037_025 ^{Fe}	0.375	0.0125	0.375	0.025	390	0.375	0.124	0.188	38.6	18.0	8.6	20.0	25.4	0.375	0.0	34.8	28.0	21.3	35.2	37.3	8.4	43	1.0	0.246	0.0	53.5	52.2	55.3	76.1	46.6				
B34R_050_037 ^{Fe}	0.375	0.0125	0.375	0.025	330	0.0	0.149	0.124	0.375	34.9	11.9	-7.2	13.9	328.6	0.375	0.0	35.2	31.2	-5.0	31.6	9.2	22.9	288	0.0	0.376	0.0	1.0	41.4	70.4	-9.8	71.1	352.0		
B23K_062_050 ^{Fe}	0.375	0.0125	0.625	0.625	0.	307	17.6	-30.1	17.6	30.0	0.375	0.0	32.4	45.1	-9.5	46.1	41.6	49.6	34.1	33.2	264	0.0	0.105	1.0	28.1	23.2	-40.4	46.7	300.1					
B19R_075_056 ^{Fe}	0.375	0.0125	0.625	0.625	0.	293	0.0	0.125	0.248	0.75	37.4	11.0	-25.2	27.5	293.5	0.375	0.0	36.6	37.1	-15.7	40.3	337.0	27.8	259	0.0	0.198	1.0	31.1	17.6	-40.4	44.1	293.5		
B15R_087_056 ^{Fe}	0.375	0.0125	0.875	0.875	0.75	289	0.0	0.125	0.311	0.875	39.6	10.8	-35.3	36.9	398.8	0.375	0.0	36.9	39.8	-21.4	45.2	331.6	30.4	256	0.0	0.248	1.0	32.8	14.4	-40.2	42.7	289.7		
B13R_100_087 ^{Fe}	0.375	0.0125	1.0	1.0	0.875	0.562	286	0.0	0.125	0.337	1.0	41.6	10.7	0.875	0.375	0.125	1.0	36.8	42.2	-26.6	49.9	327.7	33.0	254	0.0	0.281	1.0	33.9	12.2	-40.2	42.7	286.9		
R68Y_037_037 ^{Fe}	0.375	0.025	0.0	0.375	0.375	0.187	71	0.375	0.203	0.0	40.5	9.2	26.9	28.4	71.1	0.375	0.25	0.0	39.9	16.0	27.6	31.9	59.7	6.9	62	1.0	0.543	0.0	67.4	24.5	71.9	75.9	71.1	
R00Y_037_025 ^{Fe}	0.375	0.025	0.125	0.375	0.25	392	0.375	0.125	0.375	0.25	0.125	39.9	17.1	21.7	21.7	0.375	0.25	0.0	39.9	16.0	27.6	31.9	59.7	6.9	62	1.0	0.543	0.0	67.4	24.5	71.9	75.9	71.1	
R00Y_037_025 ^{Fe}	0.375	0.025	0.125	0.375	0.25	392	0.375	0.125	0.375	0.25	0.125	39.9	17.1	21.7	21.7	0.375	0.25	0.0	39.9	16.0	27.6	31.9	59.7	6.9	62	1.0	0.543	0.0	67.4	24.5	71.9	75.9	71.1	
B50R_037_012 ^{Fe}	0.375	0.025	0.375	0.125	0.312	390	0.375	0.249	0.381	44.8	9.0	4.3	10.0	25.4	0.375	0.25	0.0	40.0	18.1	15.1	23.9	39.3	15.1	37.5	1.0	0.398	0.0	60.2	38.2	63.4	74.1	58.8	25.4	
B23K_062_037 ^{Fe}	0.375	0.025	0.5	0.25	0.375	300	0.249	0.276	0.5	43.1	5.8	-10.0	11.6	30.0	0.375	0.25	0.0	40.0	18.1	15.1	23.9	39.3	15.1	37.5	1.0	0.398	0.0	60.2	38.2	63.4	74.1	58.8	25.4	
B11K_075_056 ^{Fe}	0.375	0.025	0.625	0.625	0.375	289	0.0	0.249	0.381	44.8	9.0	4.3	10.0	25.4	0.375	0.25	0.0	40.0	18.1	15.1	23.9	39.3	15.1	37.5	1.0	0.398	0.0	60.2	38.2	63.4	74.1	58.8	25.4	
B09R_087_056 ^{Fe}	0.375	0.025	0.875	0.875	0.625	281	0.0	0.249	0.381	44.8	9.0	4.3	10.0	25.4	0.375	0.25	0.0	40.0	18.1	15.1	23.9	39.3	15.1	37.5	1.0	0.398	0.0	60.2	38.2	63.4	74.1	58.8	25.4	
B07K_100_07 ^{Fe}	0.375	0.025	1.0	1.0	0.75	279	0.0	0.625	0.562	0.875	49.4	5.4	-25.2	25.8	282.1	0.375	0.25	0.0	40.0	18.1	15.1	23.9	39.3	15.1	37.5	1.0	0.398	0.0	60.2	38.2	63.4	74.1	58.8	25.4
Y00C_037_037 ^{Fe}	0.375	0.0375	0.0	0.375	0.375	0.187	90	0.375	0.329	0.0	46.5	-1.3	33.9	30.9	92.3	0.375	0.375	0.0	44.1	31.3	-26.0	40.7	32.3	27.5	249	0.0	0.386	0.0	83.6	-3.6	90.4	90.4	92.3	92.3
Y00C_037_025 ^{Fe}	0.375	0.0375	0.0	0.375	0.375	0.187	90	0.375	0.329	0.0	46.5	-1.3	33.9	30.9	92.3	0.375	0.375	0.0	44.1	31.3	-26.0	40.7	32.3	27.5	249	0.0	0.386	0.0	83.6	-3.6	90.4	90.4	92.3	92.3
Y00C_037_025 ^{Fe}	0.375	0.0375	0.0	0.375	0.375	0.187	90	0.375	0.329	0.0	46.5	-1.3	33.9	30.9	92.3	0.375	0.375	0.0	44.1	31.3	-26.0	40.7	32.3	27.5	249	0.0	0.386	0.0	83.6	-3.6	90.4	90.4	92.3	92.3
Y00C_037_012 ^{Fe}	0.375	0.0375	0.0	0.375	0.375	0.187	90	0.375	0.329	0.0	46.5	-1.3	33.9	30.9	92.3	0.375	0.375	0.0	44.1	31.3	-26.0	40.7	32.3	27.5	249	0.0	0.386	0.0	83.6	-3.6	90.4	90.4	92.3	92.3
Y00C_037_012 ^{Fe}	0.375	0.0375	0.0	0.375	0.375	0.187	90	0.375	0.329	0.0	46.5	-1.3	33.9	30.9	92.3	0.375	0.375	0.0	44.1	31.3	-26.0	40.7	32.3	27.5	249	0.0	0.386	0.0	83.6	-3.6	90.4	90.4	92.3	92.3
Y00C_037_012 ^{Fe}	0.375	0.0375	0.0	0.375	0.375	0.187	90	0.375	0.329	0.0	46.5	-1.3	33.9	30.9	92.3	0.375	0.375	0.0	44.1	31.3	-26.0	40.7	32.3	27.5	249	0.0	0.386	0.0	83.6	-3.6	90.4	90.4	92.3	92.3
Y00C_037_012 ^{Fe}	0.375	0.0375	0.0	0.375	0.375	0.187	90	0.375	0.329	0.0	46.5	-1.3	33.9	30.9	92.3	0.375	0.375	0.0	44.1	31.3	-26.0	40.7	32.3	27.5	249	0.0	0.386	0.0	83.6	-3.6	90.4	90.4	92.3	92.3
Y00C_037_012 ^{Fe}	0.375	0.0375	0.0	0.375	0.375	0.187	90	0.375	0.329	0.0	46.5	-1.3	33.9	30.9	92.3	0.375	0.375	0.0	44.1	31.3	-26.0	40.7	32.3	27.5	249	0.0	0.386	0.0	83.6	-3.6	90.4	90.4	92.3	92.3
Y00C_037_012 ^{Fe}	0.375	0.0375	0.0	0.375	0.375	0.187	90	0.375	0.329	0.0	46.5	-1.3	33.9	30.9	92.3	0.375	0.375	0.0	44.1	31.3	-26.0	40.7	32.3	27.5	249	0.0	0.386	0.0	83.6	-3.6	90.4	90.4	92.3	92.3
Y00C_037_012 ^{Fe}	0.375	0.0375	0.0	0.375	0.375	0.187	90	0.375	0.329	0.0	46.5	-1.3	33.9	30.9	92.3	0.375	0.375	0.0	44.1	31.3	-26.0	40.7	32.3	27.5	249	0.0	0.386	0.0	83.6	-3.6	90.4	90.4	92.3	92.3
Y00C_037_012 ^{Fe}	0.375	0.0375	0.0	0.375	0.375	0.187	90	0.375	0.329	0.0	46.5	-1.3	33.9	30.9	92.3	0.375	0.375	0.0	44.1	31.3	-26.0	40.7	32.3	27.5	249	0.0	0.386	0.0	83.6	-3.6	90.4	90.4	92.3	92.3
Y00C_037_012 ^{Fe}	0.375	0.0375	0.0	0.375	0.375	0.187	90	0.375	0.329	0.0	46.5	-1.3	33.9	30.9	92.3	0.375	0.375	0.0	44.1	31.3	-26.0	40.7	32.3	27.5	249	0.0	0.386	0.0	83.6	-3.6	90.4	90.4	92.3	92.3
Y00C_037_012 ^{Fe}	0.375	0.0375	0.0	0.375	0.375	0.187	90	0.375	0.329	0.0	46.5	-1.3	33.9	30.9	92.3	0.375	0.375	0.0	44.1	31.3	-26.0	40.7	32.3	27.5	249	0.0	0.386	0.0	83.6	-3.6	90.4	90.4	92.3	92.3
Y00C_037_012 ^{Fe}	0.375	0.0375	0.0	0.375	0.375	0.187	90	0.375	0.329	0.0	46.5	-1.3	33.9	30.9	92.3	0.375</																		

se lignende filer: <http://130.149.60.45/~farbmetrik/PN98/PN98.HTM>
teknisk informasjon: <http://www.ps.bam.de> eller <http://130.149.60.45/~farbmetrik>

input: $rgb/cmyk \rightarrow rgb_e$
output: overføring til $cmy0_e$

PN98; farbetoneplan: $H_e^* = R00Y_e$

TUB-prøveplansje H
farger og fargeavstander

n	HIC ^{Fe}	rgb_{Fe}	lcr_{Fe}	h_{Fe}	rgb_{Fe}	$LabCh^{Fe}$	$LabCh^{Fe}$	rgb_{Fe}	DE^{Fe}	h_{Fe}	rgb_{Fe}	$LabCh^{Fe}$												
567	R00Y_087_087e	0.875	0.0	0.875	0.875	0.437	390	0.875	0.0	0.222	42.9	63.1	70.0	25.4	0.875	0.0	0.0	0.254	45.6	72.2	34.4	80.0	25.4	
568	R36Y_087_087e	0.875	0.125	0.875	0.875	0.437	382	0.875	0.0	0.424	43.2	64.8	91.0	67.6	16.5	0.875	0.0	0.0	0.485	45.6	74.1	22.0	77.3	16.5
569	R23Y_087_087e	0.875	0.0	0.875	0.875	0.437	374	0.875	0.0	0.627	43.2	67.2	9.0	67.8	7.6	0.875	0.0	0.0	0.716	45.6	76.8	10.3	76.5	7.6
570	R03Y_087_087e	0.875	0.375	0.875	0.875	0.437	365	0.875	0.0	0.875	42.4	67.2	-2.0	67.3	35.6	0.875	0.0	0.0	0.925	45.6	76.8	-13.1	76.9	35.6
571	B70R_087_087e	0.875	0.0	0.875	0.875	0.437	355	0.875	0.0	0.875	39.4	61.8	-8.2	62.4	352.3	0.875	0.0	0.0	1.0	45.6	70.7	-9.5	71.3	352.3
572	B63R_087_087e	0.875	0.0	0.875	0.875	0.437	346	0.875	0.0	0.875	35.1	54.0	-15.7	56.2	343.7	0.875	0.0	0.0	1.0	45.6	70.7	-17.9	71.3	343.7
573	B56R_087_087e	0.875	0.0	0.875	0.875	0.437	338	0.875	0.0	0.875	32.7	47.7	-21.0	52.2	328.6	0.875	0.0	0.0	1.0	45.6	70.7	-29.0	71.3	328.6
574	B50R_087_087e	0.875	0.0	0.875	0.875	0.437	330	0.875	0.0	0.875	30.2	41.8	-25.5	48.8	326.1	0.875	0.0	0.0	1.0	45.6	70.7	-37.1	71.3	326.1
575	B44R_100_100e	0.875	0.0	1.0	0.5	323	326	0.875	0.0	0.875	30.2	41.8	-25.5	48.8	326.1	0.875	0.0	0.0	1.0	45.6	70.7	-37.1	71.3	326.1
576	R13Y_087_087e	0.875	0.125	0.875	0.875	0.437	38	0.875	0.038	0.0	43.9	59.5	-40.7	72.2	34.3	0.875	0.0	0.0	1.0	45.6	70.7	-46.0	71.3	34.3
577	R00Y_087_075e	0.875	0.125	0.875	0.875	0.437	390	0.875	0.125	0.316	48.2	54.1	25.8	60.0	25.4	0.875	0.125	0.0	0.254	45.6	72.2	34.4	80.0	25.4
578	R03Y_087_075e	0.875	0.375	0.875	0.875	0.437	382	0.875	0.125	0.316	48.2	54.1	25.8	60.0	25.4	0.875	0.125	0.0	0.254	45.6	72.2	34.4	80.0	25.4
579	R13Y_087_075e	0.875	0.125	0.875	0.875	0.437	390	0.875	0.125	0.316	48.2	54.1	25.8	60.0	25.4	0.875	0.125	0.0	0.254	45.6	72.2	34.4	80.0	25.4
580	R00Y_087_075e	0.875	0.125	0.875	0.875	0.437	390	0.875	0.125	0.316	48.2	54.1	25.8	60.0	25.4	0.875	0.125	0.0	0.254	45.6	72.2	34.4	80.0	25.4
581	B65R_087_075e	0.875	0.125	0.875	0.875	0.437	390	0.875	0.125	0.316	48.2	54.1	25.8	60.0	25.4	0.875	0.125	0.0	0.254	45.6	72.2	34.4	80.0	25.4
582	B57R_087_075e	0.875	0.125	0.875	0.875	0.437	390	0.875	0.125	0.316	48.2	54.1	25.8	60.0	25.4	0.875	0.125	0.0	0.254	45.6	72.2	34.4	80.0	25.4
583	B50R_087_075e	0.875	0.125	0.875	0.875	0.437	390	0.87																

<http://130.149.60.45/~farbmetrik/PN98/PN98L0NP.PDF> /.PS; overføring output
N: ingen 3D-linearisering (OL) i fil (F) eller PS-startup (S), side 31/33

input: *rgb/cmyk* -> *rgbe*
output: overføring til *cmy0e*

TUB-prøveplansje PN98; farbetoneplan: H*=R00Ye
farger og fargeavstander, ΔE*

PN980-7N, 31/33-F

n	H1C*Fe	rgb-Fe	ic1-Fe	hs1-Fe	LabCH*Fe	rgb*Fe	LabCH*Fe	DF*Fe	hsM*Fe	rgb*He	LabCH*He
891	NW_100e	1.0	1.0	360	95.6	1.0	95.6	0.1	360	1.0	95.6
892	B50R_100.012e	1.0	0.125	0.937	87.5	0.0	90.7	0.1	360	1.0	95.6
893	B50R_100.025e	1.0	0.25	0.875	79.5	0.0	84.2	0.1	360	1.0	95.6
894	B50R_100.037e	1.0	0.375	0.812	71.5	0.0	76.5	0.1	360	1.0	95.6
895	B50R_100.050e	1.0	0.5	0.75	63.5	0.0	68.5	0.1	360	1.0	95.6
896	B50R_100.062e	1.0	0.625	0.687	55.5	0.0	60.5	0.1	360	1.0	95.6
897	B50R_100.075e	1.0	0.75	0.625	47.5	0.0	52.5	0.1	360	1.0	95.6
898	B50R_100.087e	1.0	0.875	0.562	39.5	0.0	44.5	0.1	360	1.0	95.6
899	B50R_100.100e	1.0	1.0	0.5	31.5	0.0	36.5	0.1	360	1.0	95.6
900	G00B_100.012e	0.875	1.0	0.125	93.7	0.0	96.7	0.1	360	1.0	95.6
901	NW_087e	0.875	0.875	0.875	87.5	0.0	90.5	0.1	360	1.0	95.6
902	B50R_087.012e	0.875	0.75	0.875	79.5	0.0	82.5	0.1	360	1.0	95.6
903	B50R_087.025e	0.875	0.625	0.875	71.5	0.0	74.5	0.1	360	1.0	95.6
904	B50R_087.037e	0.875	0.5	0.875	63.5	0.0	66.5	0.1	360	1.0	95.6
905	B50R_087.050e	0.875	0.375	0.875	55.5	0.0	58.5	0.1	360	1.0	95.6
906	B50R_087.062e	0.875	0.25	0.875	47.5	0.0	50.5	0.1	360	1.0	95.6
907	B50R_087.075e	0.875	0.125	0.875	39.5	0.0	42.5	0.1	360	1.0	95.6
908	B50R_087.087e	0.875	0.0	0.875	31.5	0.0	34.5	0.1	360	1.0	95.6
909	G00B_100.025e	0.75	1.0	0.25	87.5	0.0	90.5	0.1	360	1.0	95.6
910	G00B_100.037e	0.75	0.875	0.25	79.5	0.0	82.5	0.1	360	1.0	95.6
911	NW_075e	0.75	0.75	0.75	79.5	0.0	82.5	0.1	360	1.0	95.6
912	B50R_075.012e	0.75	0.625	0.75	71.5	0.0	74.5	0.1	360	1.0	95.6
913	B50R_075.025e	0.75	0.5	0.75	63.5	0.0	66.5	0.1	360	1.0	95.6
914	B50R_075.037e	0.75	0.375	0.75	55.5	0.0	58.5	0.1	360	1.0	95.6
915	B50R_075.050e	0.75	0.25	0.75	47.5	0.0	50.5	0.1	360	1.0	95.6
916	B50R_075.062e	0.75	0.125	0.75	39.5	0.0	42.5	0.1	360	1.0	95.6
917	B50R_075.075e	0.75	0.0	0.75	31.5	0.0	34.5	0.1	360	1.0	95.6
918	G00B_100.037e	0.625	1.0	0.375	87.5	0.0	90.5	0.1	360	1.0	95.6
919	G00B_100.050e	0.625	0.875	0.625	79.5	0.0	82.5	0.1	360	1.0	95.6
920	G00B_075.012e	0.625	0.75	0.625	71.5	0.0	74.5	0.1	360	1.0	95.6
921	NW_062e	0.625	0.625	0.625	63.5	0.0	66.5	0.1	360	1.0	95.6
922	B50R_062.012e	0.625	0.5	0.625	55.5	0.0	58.5	0.1	360	1.0	95.6
923	B50R_062.025e	0.625	0.375	0.625	47.5	0.0	50.5	0.1	360	1.0	95.6
924	B50R_062.037e	0.625	0.25	0.625	39.5	0.0	42.5	0.1	360	1.0	95.6
925	B50R_062.050e	0.625	0.125	0.625	31.5	0.0	34.5	0.1	360	1.0	95.6
926	B50R_062.062e	0.625	0.0	0.625	23.5	0.0	26.5	0.1	360	1.0	95.6
927	G00B_100.050e	0.5	1.0	0.5	87.5	0.0	90.5	0.1	360	1.0	95.6
928	G00B_087.037e	0.5	0.875	0.375	79.5	0.0	82.5	0.1	360	1.0	95.6
929	G00B_075.025e	0.5	0.75	0.25	71.5	0.0	74.5	0.1	360	1.0	95.6
930	G00B_062.012e	0.5	0.625	0.125	63.5	0.0	66.5	0.1	360	1.0	95.6
931	NW_050e	0.5	0.5	0.5	63.5	0.0	66.5	0.1	360	1.0	95.6
932	B50R_050.012e	0.5	0.375	0.5	55.5	0.0	58.5	0.1	360	1.0	95.6
933	B50R_050.025e	0.5	0.25	0.5	47.5	0.0	50.5	0.1	360	1.0	95.6
934	B50R_050.037e	0.5	0.125	0.5	39.5	0.0	42.5	0.1	360	1.0	95.6
935	B50R_050.050e	0.5	0.0	0.5	31.5	0.0	34.5	0.1	360	1.0	95.6
936	G00B_100.062e	0.375	1.0	0.625	87.5	0.0	90.5	0.1	360	1.0	95.6
937	G00B_087.050e	0.375	0.875	0.375	79.5	0.0	82.5	0.1	360	1.0	95.6
938	G00B_062.025e	0.375	0.75	0.375	71.5	0.0	74.5	0.1	360	1.0	95.6
939	G00B_062.037e	0.375	0.625	0.375	63.5	0.0	66.5	0.1	360	1.0	95.6
940	NW_037e	0.375	0.5	0.375	55.5	0.0	58.5	0.1	360	1.0	95.6
941	B50R_037.012e	0.375	0.375	0.375	47.5	0.0	50.5	0.1	360	1.0	95.6
942	B50R_037.025e	0.375	0.25	0.375	39.5	0.0	42.5	0.1	360	1.0	95.6
943	B50R_037.037e	0.375	0.125	0.375	31.5	0.0	34.5	0.1	360	1.0	95.6
944	G00B_100.075e	0.25	1.0	0.75	87.5	0.0	90.5	0.1	360	1.0	95.6
945	G00B_087.062e	0.25	0.875	0.25	79.5	0.0	82.5	0.1	360	1.0	95.6
946	G00B_062.050e	0.25	0.75	0.25	71.5	0.0	74.5	0.1	360	1.0	95.6
947	G00B_062.062e	0.25	0.625	0.25	63.5	0.0	66.5	0.1	360	1.0	95.6
948	G00B_050.012e	0.25	0.5	0.25	55.5	0.0	58.5	0.1	360	1.0	95.6
949	G00B_037.012e	0.25	0.375	0.25	47.5	0.0	50.5	0.1	360	1.0	95.6
950	NW_025e	0.25	0.25	0.25	47.5	0.0	50.5	0.1	360	1.0	95.6
951	B50R_025.012e	0.25	0.125	0.25	39.5	0.0	42.5	0.1	360	1.0	95.6
952	B50R_025.025e	0.25	0.0	0.25	31.5	0.0	34.5	0.1	360	1.0	95.6
953	G00B_100.087e	0.125	1.0	0.875	87.5	0.0	90.5	0.1	360	1.0	95.6
954	G00B_087.075e	0.125	0.875	0.125	79.5	0.0	82.5	0.1	360	1.0	95.6
955	G00B_075.062e	0.125	0.75	0.125	71.5	0.0	74.5	0.1	360	1.0	95.6
956	G00B_062.050e	0.125	0.625	0.125	63.5	0.0	66.5	0.1	360	1.0	95.6
957	G00B_050.037e	0.125	0.5	0.125	55.5	0.0	58.5	0.1	360	1.0	95.6
958	G00B_037.025e	0.125	0.375	0.125	47.5	0.0	50.5	0.1	360	1.0	95.6
959	G00B_025.012e	0.125	0.25	0.125	39.5	0.0	42.5	0.1	360	1.0	95.6
960	NW_012e	0.125	0.125	0.125	39.5	0.0	42.5	0.1	360	1.0	95.6
961	B50R_012.012e	0.125	0.125	0.125	31.5	0.0	34.5	0.1	360	1.0	95.6
962	G00B_100.100e	0.0	1.0	1.0	87.5	0.0	90.5	0.1	360	1.0	95.6
963	G00B_087.087e	0.0	0.875	0.0	79.5	0.0	82.5	0.1	360	1.0	95.6
964	G00B_075.075e	0.0	0.75	0.0	71.5	0.0	74.5	0.1	360	1.0	95.6
965	G00B_062.062e	0.0	0.625	0.0	63.5	0.0	66.5	0.1	360	1.0	95.6
966	G00B_050.050e	0.0	0.5	0.0	55.5	0.0	58.5	0.1	360	1.0	95.6
967	G00B_037.037e	0.0	0.375	0.0	47.5	0.0	50.5	0.1	360	1.0	95.6
968	G00B_025.025e	0.0	0.25	0.0	39.5	0.0	42.5	0.1	360	1.0	95.6
969	G00B_012.012e	0.0	0.125	0.0	31.5	0.0	34.5	0.1	360	1.0	95.6
970	NW_000e	0.0	0.0	0.0	31.5	0.0	34.5	0.1	360	1.0	95.6
971		0.0	0.0	0.0	31.5	0.0	34.5	0.1	360	1.0	95.6

delta E* = 15.4

se lignende filer: <http://130.149.60.45/~farbmetrik/PN98/PN98.HTM>
teknisk informasjon: <http://www.ps.bam.de> eller <http://130.149.60.45/~farbmetrik>

<http://130.149.60.45/~farbmatrik/PN98/PN98L0NP.PDF> / PS; overføring output N: ingen 3D-linearisering (OL) i fil (F) eller PS-startup (S), side 32/33

arbejdsplan: $H_e^* = R00Y_e$
input: $rgb/cmyk -> rgb_e$
output: overføring til $cmy\mathcal{O}_e$

[illegible]



TUB-material: code=rha4ta

se lignende filer: <http://130.149.60.45/~farbmetrik/PN98/PN98.HTM>

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

opN98; farbetoneplan: $H^*_e=R00Y_e$

TUB-prøveplansje PN98; f

DN080-7N 33/33-F

5-0133231-F0

[illegible]