

Input og output: Offset-Reflektiv-System ORS18a for relativ CIELAB fargetone $h_{ab,a,rel} = h_{ab}/360 = 68/360 = 0.19$

$H^*_{-} = R50Y_{-}$

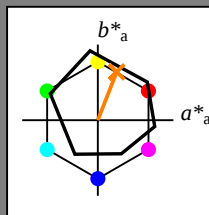
Data for ethvert apparat (d) eller
elementærfarge (e):

HIC^*_{-}

fargetonetekst for fargene
på denne siden:

$H^*_{-} = R50Y_{-}$

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):

$LabCh^*_{-,Ma}$: 68 25 63 68 68

$HIC^*_{-,Ma}$: R50Y_100_100_

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

1.0 0.5 0.0 1.0 1.0

trekantslyshet T^*

%Omfang

$u^*_{rel} = 92$

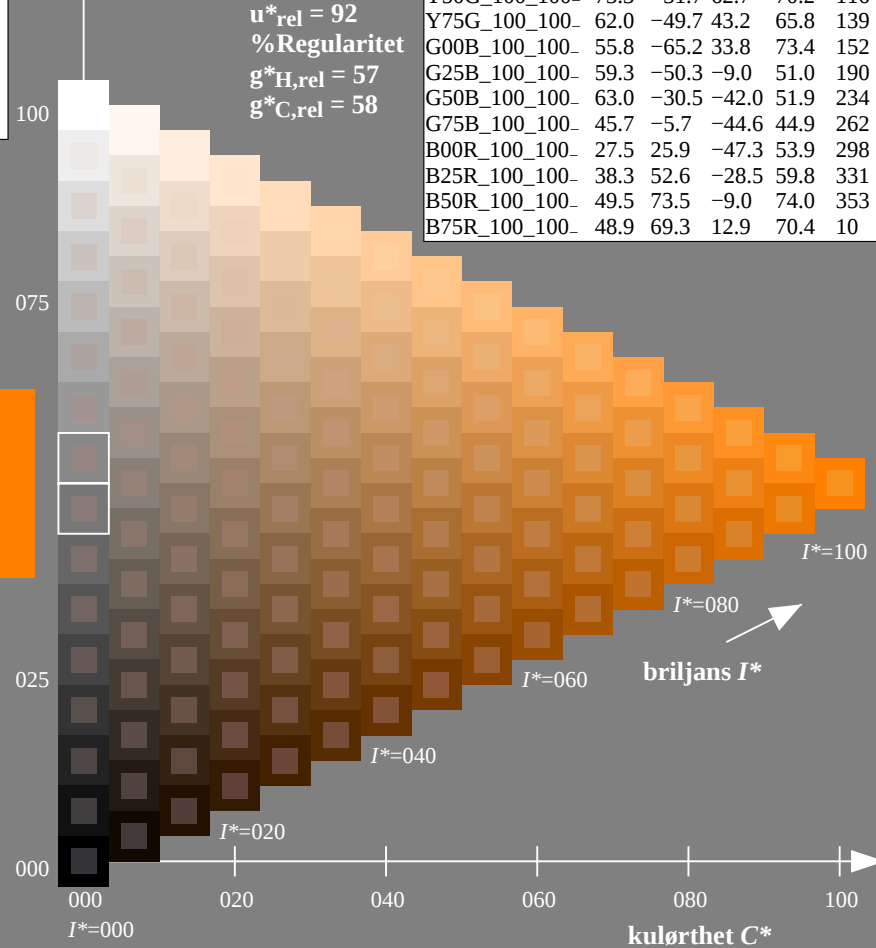
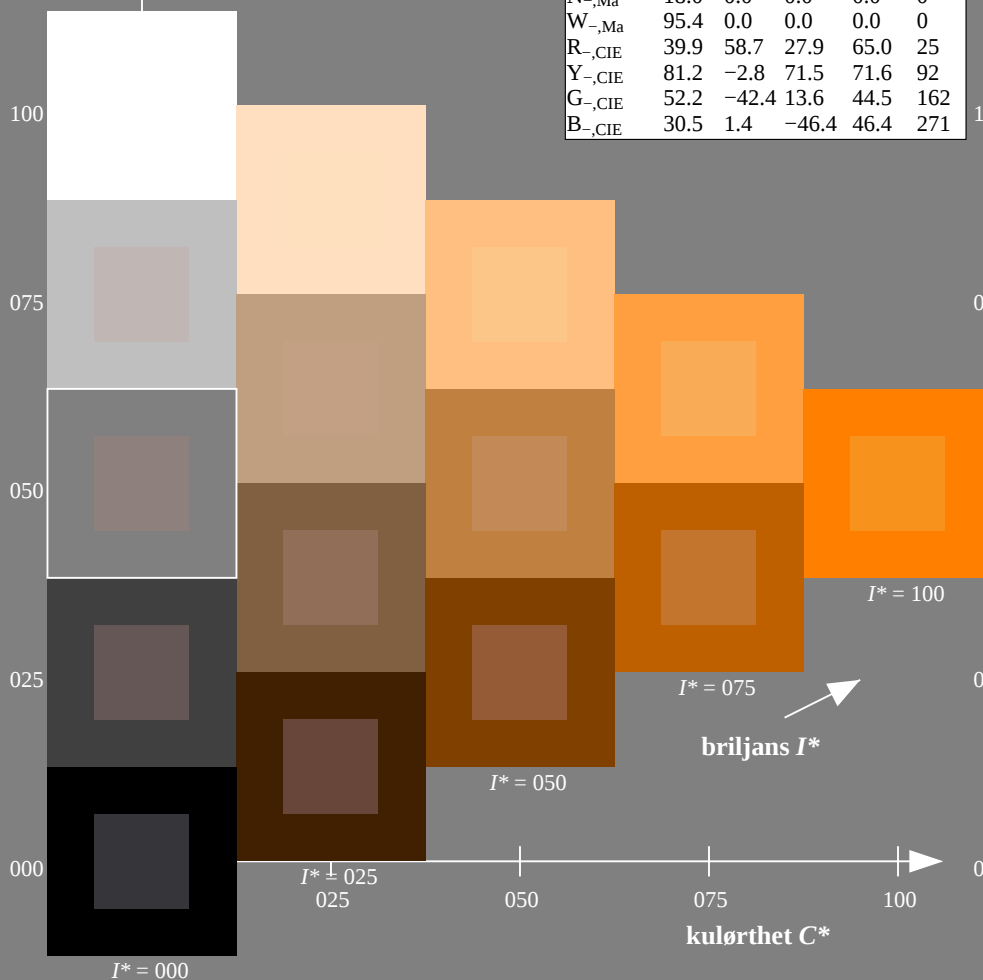
%Regularitet

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

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

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



TUB-prøveplansje QN15; farbetoneplan: $H^*_{-}=R50Y_{-}$
prøveplansje infølge DIN 33872, 3D=0, de=1, cmyk

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

TUB registrering: 20150701-QN15/QN15L0NA.TXT /.PS
anvendelse for måling av offsettrykk output

TUB-material: code=th4ta

Input og output: Offset-Reflektiv-System ORS18a for relativ CIELAB fargetone $h_{ab,a,rel} = h_{ab}/360 = 58/360 = 0.16$

$H^*_e = R50Y_e$

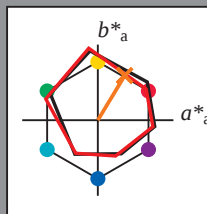
Data for ethvert apparat (d) eller
elementærfarge (e):

HIC^*_e

fargetonetekst for fargene
på denne siden:

$H^*_e = R50Y_e$

trekantslyshet T^*



ORS20a; adapterte (a) CIELAB data					
navn	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
$R_{e,Ma}$	47.6	64.9	30.9	71.9	25
$Y_{e,Ma}$	82.9	-3.5	87.8	87.9	92
$G_{e,Ma}$	52.4	-67.1	21.5	70.5	162
$C_{e,Ma}$	56.6	-39.7	-29.9	49.8	216
$B_{e,Ma}$	37.9	1.3	-45.4	45.4	271
$M_{e,Ma}$	34.8	49.2	-30.0	57.7	328
$N_{e,Ma}$	17.7	0.0	0.0	0.0	0
$W_{e,Ma}$	95.4	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):

$LabCh^*_{e,Ma}$: 60 35 59 68 58

$HIC^*_{e,Ma}$: R50Y_100_100_e

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

1.0 0.34 0.0 1.0 1.0

trekantslyshet T^*

%Omfang

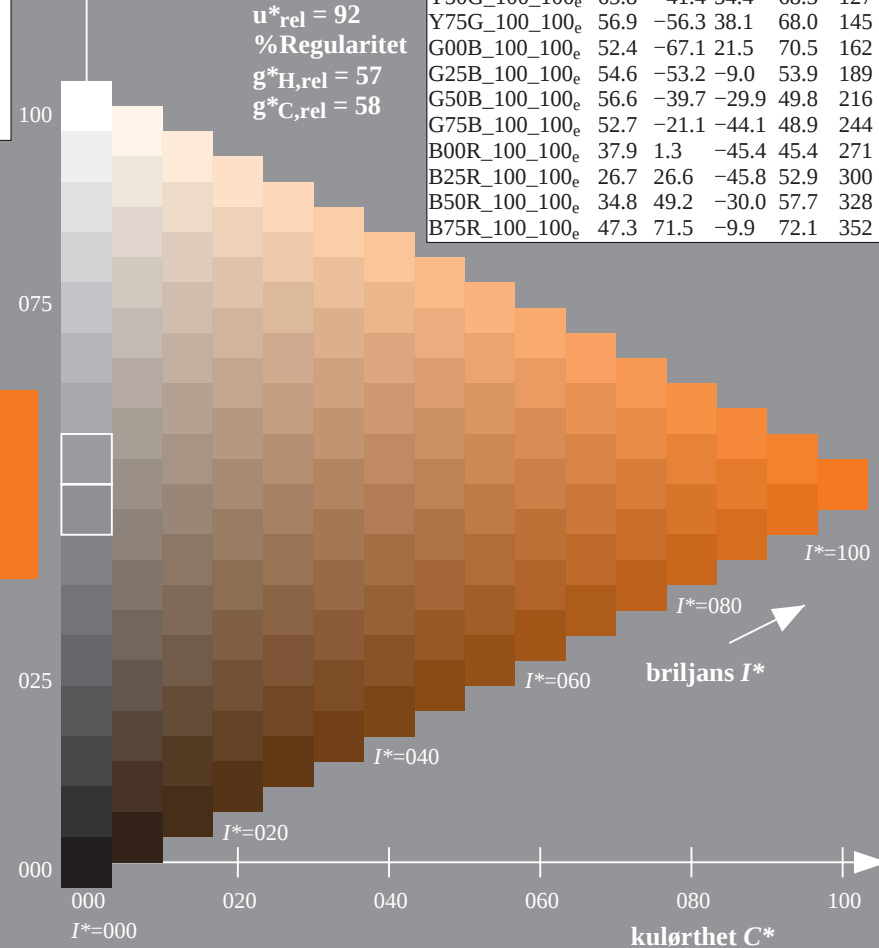
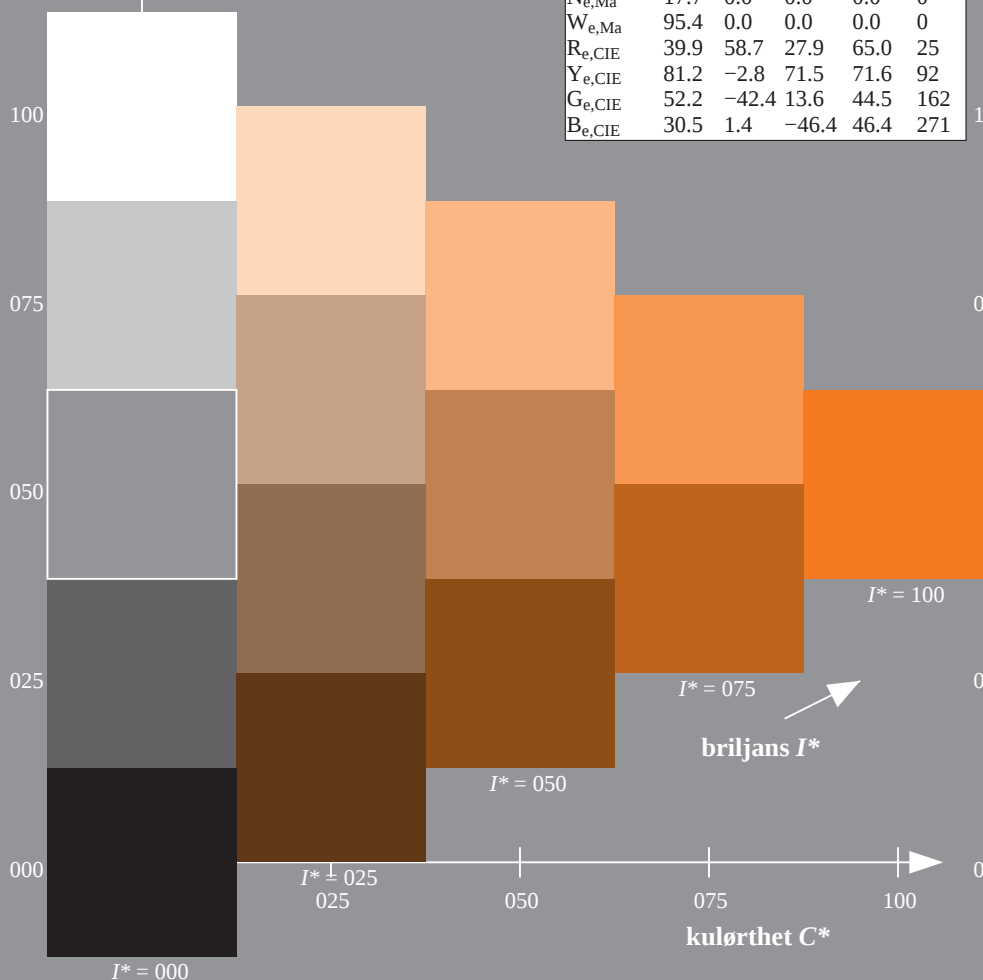
$u^*_{rel} = 92$

%Regularitet

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

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

ORS20a; adapterte (a) CIELAB data					
H^*_e	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
$R00Y_{100_100_e}$	47.6	64.9	30.9	71.9	25
$R25Y_{100_100_e}$	51.5	54.2	47.2	71.9	41
$R50Y_{100_100_e}$	60.3	35.6	59.0	68.9	58
$R75Y_{100_100_e}$	70.4	17.0	72.2	74.1	76
$Y00G_{100_100_e}$	82.9	-3.5	87.8	87.9	92
$Y25G_{100_100_e}$	76.9	-25.5	75.9	80.1	108
$Y50G_{100_100_e}$	65.8	-41.4	54.4	68.3	127
$Y75G_{100_100_e}$	56.9	-56.3	38.1	68.0	145
$G00B_{100_100_e}$	52.4	-67.1	21.5	70.5	162
$G25B_{100_100_e}$	54.6	-53.2	-9.0	53.9	189
$G50B_{100_100_e}$	56.6	-39.7	-29.9	49.8	216
$G75B_{100_100_e}$	52.7	-21.1	-44.1	48.9	244
$B00R_{100_100_e}$	37.9	1.3	-45.4	45.4	271
$B25R_{100_100_e}$	26.7	26.6	-45.8	52.9	300
$B50R_{100_100_e}$	34.8	49.2	-30.0	57.7	328
$B75R_{100_100_e}$	47.3	71.5	-9.9	72.1	352

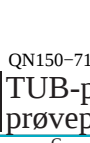
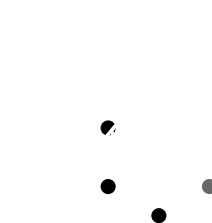
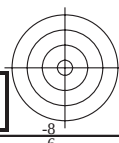
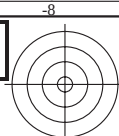


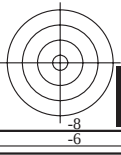
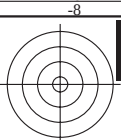
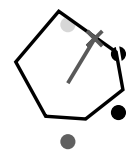
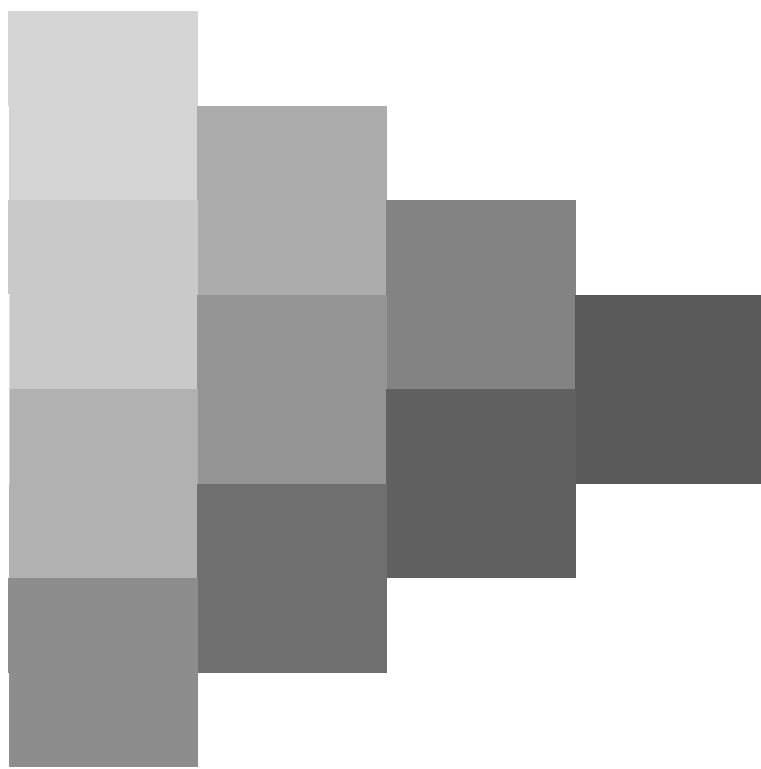
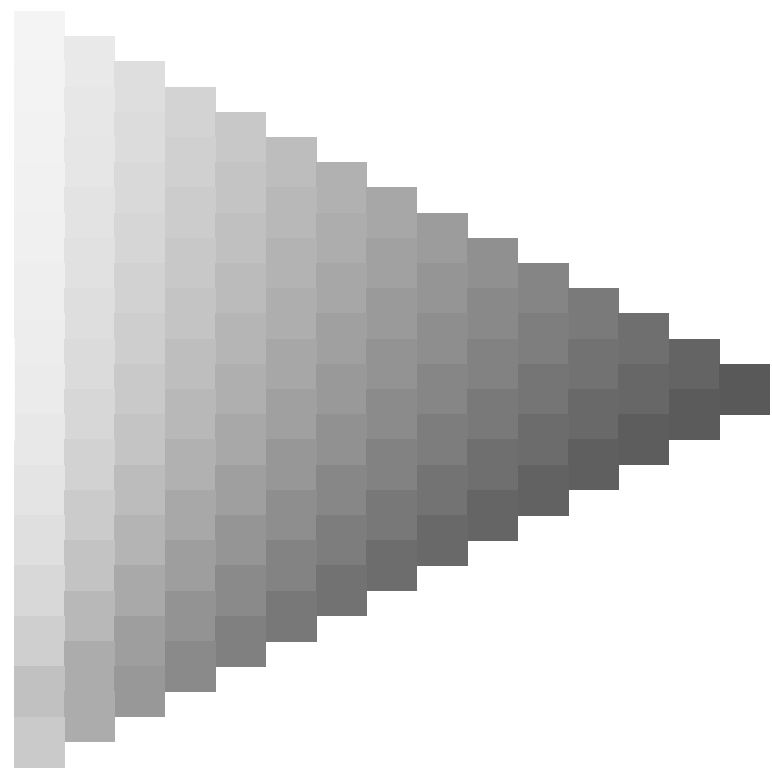
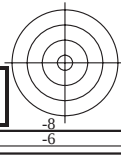
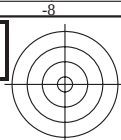
TUB-prøveplansje QN15; farbetoneplan: $H^*_e=R50Y_e$
prøveplansje infølge DIN 33872, 3D=0, de=1, cmyk

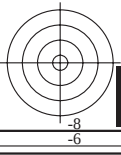
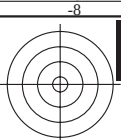
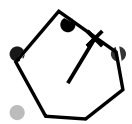
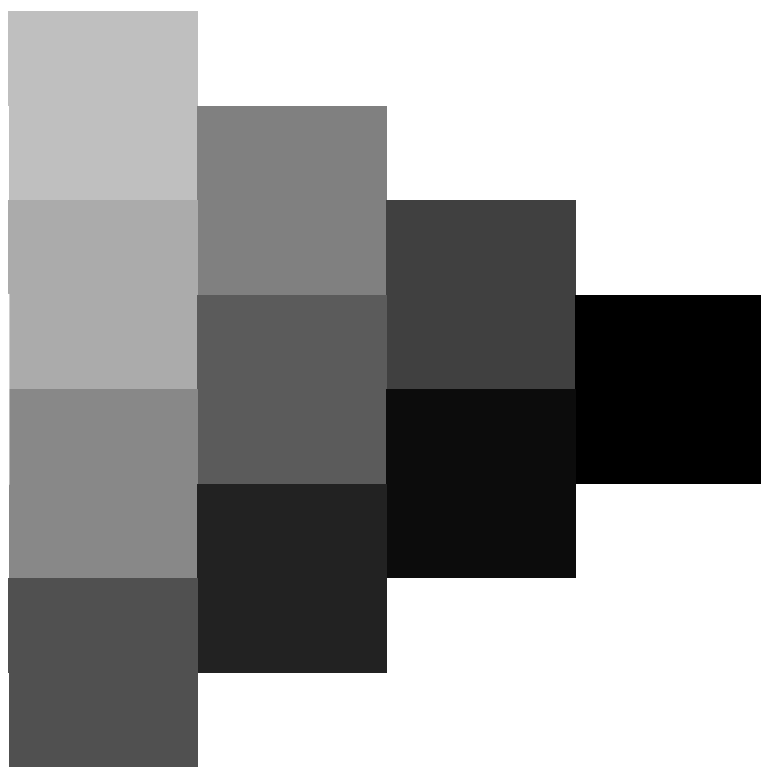
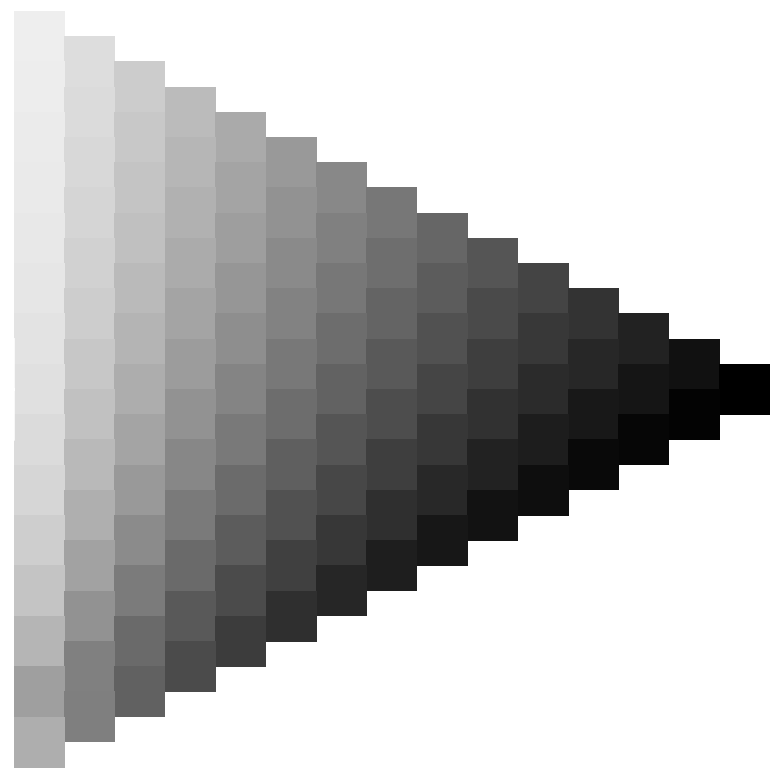
input: $rgb/cmyk \rightarrow rgb_e$
output: overføring til $cmyk_e$

TUB registrering: 20150701-QN15/QN15L0NA.TXT /.PS
anvendelse for måling av offsettrykk output, separasjon cmyk6 (CMYK)

TUB-material: code=th4ta







Input og output: Offset-Reflektiv-System ORS18a for relativ CIELAB fargetone $h_{ab,a,rel} = h_{ab}/360 = 58/360 = 0.16$

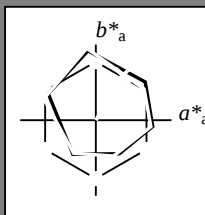
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trekantslyshet T^*



ORS20a; adapterte (a) CIELAB data					
navn	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
$R_{e,Ma}$	47.6	64.9	30.9	71.9	25
$Y_{e,Ma}$	82.9	-3.5	87.8	87.9	92
$G_{e,Ma}$	52.4	-67.1	21.5	70.5	162
$C_{e,Ma}$	56.6	-39.7	-29.9	49.8	216
$B_{e,Ma}$	37.9	1.3	-45.4	45.4	271
$M_{e,Ma}$	34.8	49.2	-30.0	57.7	328
$N_{e,Ma}$	17.7	0.0	0.0	0.0	0
$W_{e,Ma}$	95.4	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):

$LabCh^*_{e,Ma}$: 60 35 59 68 58

$HIC^*_{e,Ma}$: R50Y_100_100_e

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

1.0 0.34 0.0 1.0 1.0

trekantslyshet T^*

%Omfang

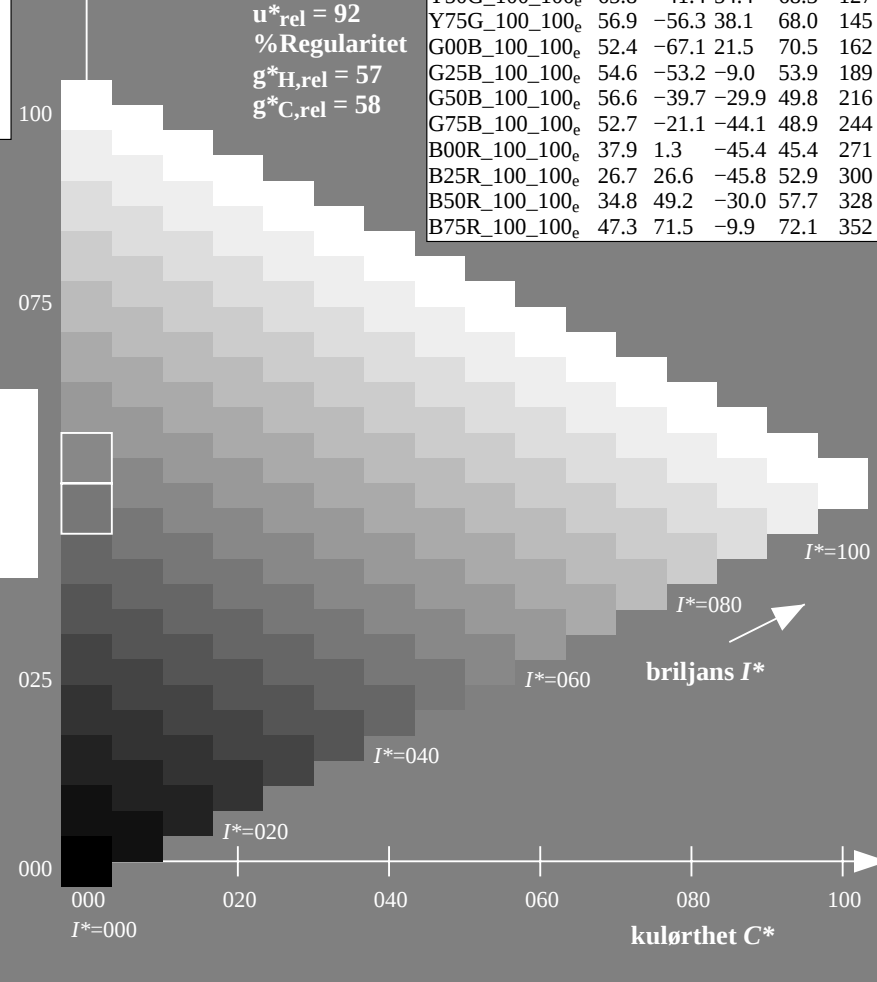
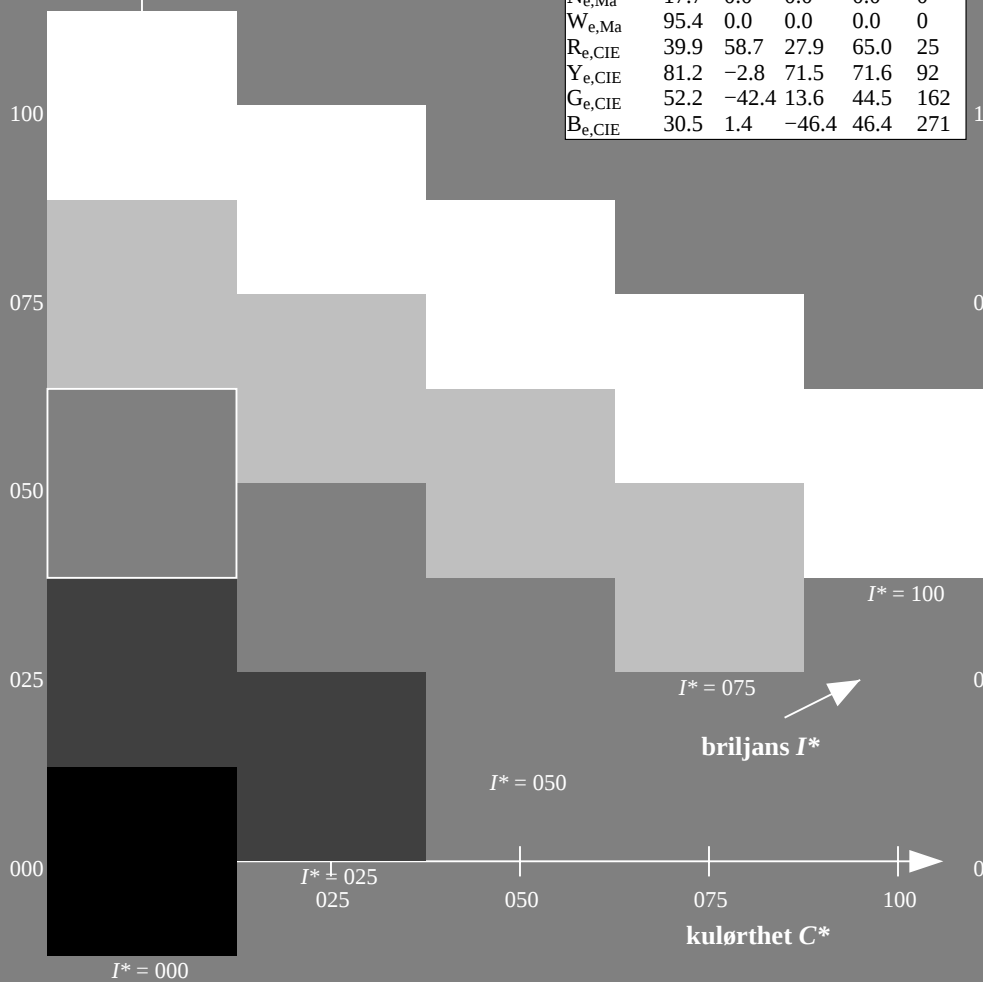
$u^*_{rel} = 92$

%Regularitet

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

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ORS20a; adapterte (a) CIELAB data					
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R50Y_100_100_e	60.3	35.6	59.0	68.9	58
R75Y_100_100_e	70.4	17.0	72.2	74.1	76
Y00G_100_100_e	82.9	-3.5	87.8	87.9	92
Y25G_100_100_e	76.9	-25.5	75.9	80.1	108
Y50G_100_100_e	65.8	-41.4	54.4	68.3	127
Y75G_100_100_e	56.9	-56.3	38.1	68.0	145
G00B_100_100_e	52.4	-67.1	21.5	70.5	162
G25B_100_100_e	54.6	-53.2	-9.0	53.9	189
G50B_100_100_e	56.6	-39.7	-29.9	49.8	216
G75B_100_100_e	52.7	-21.1	-44.1	48.9	244
B00R_100_100_e	37.9	1.3	-45.4	45.4	271
B25R_100_100_e	26.7	26.6	-45.8	52.9	300
B50R_100_100_e	34.8	49.2	-30.0	57.7	328
B75R_100_100_e	47.3	71.5	-9.9	72.1	352



Data til maksimalfargen M in fargeometrisk system Offset standard print; separation cmyn6*, 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: $h_{ab,d} = 32.8, 97.2, 157.8, 236.2, 296.4, 353.3$; seks fargetonevinkler til elementærfargene RYGBM_e: $h_{ab,e} = 25.5, 92.3, 162.2, 217.0, 271.7, 328.6$

$J=Y_d$
 $LCH^*_d = 88.3 \ 95.8 \ 97.1$
 $LAB^*_d = 88.3 \ -11.9 \ 95.1$
 $rgb^*_d = 1.0 \ 1.0 \ 0.0$

$L=G_d$
 $LCH^*_d = 51.9 \ 74.3 \ 157.7$
 $LAB^*_d = 51.9 \ -68.8 \ 28.1$
 $rgb^*_d = 0.0 \ 1.0 \ 0.0$

$C=C_d$
 $LCH^*_d = 58.3 \ 52.6 \ 236.1$
 $LAB^*_d = 58.3 \ -29.2 \ -43.7$
 $rgb^*_d = 0.0 \ 1.0 \ 1.0$

$O=R_d$
 $LCH^*_d = 47.3 \ 76.0 \ 32.8$
 $LAB^*_d = 47.3 \ 63.8 \ 41.2$
 $rgb^*_d = 1.0 \ 0.0 \ 0.0$

$M=M_d$
 $LCH^*_d = 48.2 \ 73.3 \ 353.3$
 $LAB^*_d = 48.2 \ 72.8 \ -8.5$
 $rgb^*_d = 1.0 \ 0.0 \ 1.0$

$V=B_d$
 $LCH^*_d = 25.3 \ 52.8 \ 296.4$
 $LAB^*_d = 25.3 \ 23.5 \ -47.3$
 $rgb^*_d = 0.0 \ 0.0 \ 1.0$

Y_e
 $LCH^*_e = 82.9 \ 87.9 \ 92.3$
 $LAB^*_e = 82.9 \ -3.5 \ 87.8$
 $rgb^*_{de} = 1.0 \ 0.841 \ 0.0$

G_e
 $LCH^*_e = 52.4 \ 70.5 \ 162.2$
 $LAB^*_e = 52.4 \ -67.1 \ 21.5$
 $rgb^*_{de} = 0.0 \ 1.0 \ 0.093$

C_e
 $LCH^*_e = 56.6 \ 49.8 \ 216.9$
 $LAB^*_e = 56.6 \ -39.7 \ -29.9$
 $rgb^*_{de} = 0.0 \ 1.0 \ 0.735$

B_e
 $LCH^*_e = 37.9 \ 45.4 \ 271.7$
 $LAB^*_e = 37.9 \ 1.3 \ -45.4$
 $rgb^*_{de} = 0.0 \ 0.374 \ 1.0$

R_e
 $LCH^*_e = 47.6 \ 71.9 \ 25.4$
 $LAB^*_e = 47.6 \ 64.9 \ 30.9$
 $rgb^*_{de} = 1.0 \ 0.0 \ 0.209$

M_e
 $LCH^*_e = 34.8 \ 57.7 \ 328.6$
 $LAB^*_e = 34.8 \ 49.2 \ -30.0$
 $rgb^*_{de} = 0.407 \ 0.0 \ 1.0$

Y_s
 $LCH^*_s = 80.6 \ 84.9 \ 90.0$
 $LAB^*_s = 80.6 \ 0.0 \ 84.9$
 $rgb^*_{ds} = 1.0 \ 0.784 \ 0.0$

G_s
 $LCH^*_s = 55.1 \ 70.1 \ 150.0$
 $LAB^*_s = 55.1 \ -60.7 \ 35.0$
 $rgb^*_{ds} = 0.074 \ 1.0 \ 0.0$

C_s
 $LCH^*_s = 56.1 \ 50.0 \ 210.0$
 $LAB^*_s = 56.1 \ -43.3 \ -25.0$
 $rgb^*_{ds} = 0.0 \ 1.0 \ 0.665$

R_s
 $LCH^*_s = 47.4 \ 74.2 \ 30.0$
 $LAB^*_s = 47.4 \ 64.3 \ 37.1$
 $rgb^*_{ds} = 1.0 \ 0.0 \ 0.084$

M_s
 $LCH^*_s = 35.6 \ 58.3 \ 330.0$
 $LAB^*_s = 35.6 \ 50.5 \ -29.1$
 $rgb^*_{ds} = 0.431 \ 0.0 \ 1.0$

B_s
 $LCH^*_s = 38.8 \ 45.4 \ 270.0$
 $LAB^*_s = 38.8 \ 0.0 \ -45.4$
 $rgb^*_{ds} = 0.0 \ 0.397 \ 1.0$

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

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

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

$h_{ab,s}$

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

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

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

$h_{ab,e}$

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

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

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

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

rgb^*_{de}

Data til maksimalfargen M in fargemetrisk system Offset standard print; separation cmyn6*, 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} = 32.8, 97.2, 157.8, 236.2, 296.4, 353.3; 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* dd64M		LAB* ddx64M (x=LabCh)		rgb* dex361M		LAB* dex361M		rgb* dd ₆₄ rgb* ds ₆₄ rgb* de ₆₄			
32.8	30.0	25.4	1.0	0.0	0.0	47.3	63.8	41.2	76.0	32.8	32.8	0.0	0.0	0.0
40.4	37.5	33.8	1.0	0.125	0.0	51.2	54.9	46.7	72.1	40.4	40.4	0.0	0.007	0.0
50.0	45.0	42.1	1.0	0.25	0.0	56.0	44.4	53.0	69.1	50.0	50.0	0.0	0.148	0.0
61.1	52.5	50.5	1.0	0.375	0.0	61.4	33.2	60.3	68.8	61.1	61.1	0.0	0.25	0.0
71.4	60.0	58.8	1.0	0.5	0.0	67.2	22.6	67.6	71.2	71.4	71.4	0.0	0.35	0.0
81.7	67.5	67.2	1.0	0.625	0.0	73.6	11.0	76.1	76.9	81.7	81.7	0.0	0.442	0.0
88.5	75.0	75.6	1.0	0.75	0.0	79.2	2.0	83.0	83.1	88.5	88.5	0.0	0.55	0.0
93.6	82.5	83.9	1.0	0.875	0.0	84.2	-5.7	89.4	89.6	93.6	93.6	0.0	0.655	0.0
97.1	90.0	92.3	1.0	1.0	0.0	88.3	-11.9	95.1	95.8	97.1	97.1	0.0	0.842	0.0
100.3	97.5	101.0	0.875	1.0	0.0	85.8	-16.2	88.6	90.0	100.3	100.3	0.871	1.0	0.0
103.3	105.0	109.7	0.75	1.0	0.0	82.9	-19.7	83.0	85.3	103.3	103.3	0.599	1.0	0.0
108.3	112.5	118.5	0.625	1.0	0.0	77.0	-25.2	76.3	80.4	108.3	108.3	0.455	1.0	0.0
115.3	120.0	127.2	0.5	1.0	0.0	72.7	-31.3	66.0	73.1	115.3	115.3	0.327	1.0	0.0
122.4	127.5	136.0	0.375	1.0	0.0	68.9	-36.9	58.1	68.8	122.4	122.4	0.244	1.0	0.0
134.9	135.0	144.7	0.25	1.0	0.0	60.8	-47.8	47.8	67.6	134.9	134.9	0.124	1.0	0.0
144.6	142.5	153.4	0.125	1.0	0.0	57.4	-54.9	38.9	67.3	144.6	144.6	0.047	1.0	0.0
157.7	150.0	162.2	0.0	1.0	0.0	51.9	-68.8	28.1	74.3	157.7	157.7	0.0	1.0	0.093
163.7	157.5	169.0	0.0	1.0	0.125	52.5	-66.4	19.3	69.1	163.7	163.7	0.0	1.0	0.209
170.9	165.0	175.9	0.0	1.0	0.25	53.2	-61.9	9.8	62.7	170.9	170.9	0.0	1.0	0.311
181.0	172.5	182.7	0.0	1.0	0.375	54.1	-56.9	-1.0	56.9	181.0	181.0	0.0	1.0	0.387
193.5	180.0	189.6	0.0	1.0	0.5	54.8	-51.0	-12.3	52.5	193.5	193.5	0.0	1.0	0.46
205.9	187.5	196.4	0.0	1.0	0.625	55.8	-45.1	-21.9	50.1	205.9	205.9	0.0	1.0	0.524
218.4	195.0	203.2	0.0	1.0	0.75	56.7	-38.9	-30.9	49.7	218.4	218.4	0.0	1.0	0.598
227.3	202.5	210.1	0.0	1.0	0.875	57.5	-34.3	-37.2	50.6	227.3	227.3	0.0	1.0	0.662
236.1	210.0	216.9	0.0	1.0	1.0	58.3	-29.2	-43.7	52.6	236.1	236.1	0.0	1.0	0.736
240.3	217.5	223.8	0.0	0.875	1.0	55.2	-25.0	-43.9	50.5	240.3	240.3	0.0	1.0	0.819
245.8	225.0	230.6	0.0	0.75	1.0	51.7	-19.7	-44.1	48.3	245.8	245.8	0.0	1.0	0.922
252.5	232.5	237.5	0.0	0.625	1.0	47.7	-13.9	-44.4	46.5	252.5	252.5	0.0	0.974	1.0
262.3	240.0	244.3	0.0	0.5	1.0	42.7	-6.0	-45.0	45.4	262.3	262.3	0.0	0.785	1.0
271.7	247.5	251.2	0.0	0.375	1.0	37.9	1.3	-45.4	45.4	271.7	271.7	0.0	0.659	1.0
281.6	255.0	258.0	0.0	0.25	1.0	33.3	9.4	-46.0	47.0	281.6	281.6	0.0	0.555	1.0
290.3	262.5	264.8	0.0	0.125	1.0	28.6	17.4	-46.9	50.1	290.3	290.3	0.0	0.472	1.0
296.4	270.0	271.7	0.0	0.0	1.0	25.3	23.5	-47.3	52.8	296.4	296.4	0.0	0.375	1.0
306.7	277.5	278.8	0.125	0.0	1.0	29.3	31.8	-42.6	53.1	306.7	306.7	0.0	0.291	1.0
312.7	285.0	285.9	0.25	0.0	1.0	31.5	36.2	-39.2	53.4	312.7	312.7	0.0	0.188	1.0
326.7	292.5	293.0	0.375	0.0	1.0	33.8	47.6	-31.2	56.9	326.7	326.7	0.0	0.079	1.0
333.9	300.0	300.1	0.5	0.0	1.0	37.8	53.8	-26.3	59.9	333.9	333.9	0.046	0.0	1.0
339.6	307.5	307.2	0.625	0.0	1.0	40.9	58.8	-21.8	62.7	339.6	339.6	0.0	0.126	1.0
347.2	315.0	314.3	0.75	0.0	1.0	43.1	65.9	-14.9	67.6	347.2	347.2	0.265	0.0	1.0
350.2	322.5	321.4	0.875	0.0	1.0	45.9	69.4	-11.9	70.5	350.2	350.2	0.324	0.0	1.0
353.3	330.0	328.6	1.0	0.0	1.0	48.2	72.8	-8.5	73.3	353.3	353.3	0.407	0.0	1.0
356.5	337.5	335.7	1.0	0.0	0.875	48.2	71.6	-4.3	71.7	356.5	356.5	0.529	0.0	1.0
360.3	345.0	342.8	1.0	0.0	0.75	48.1	70.4	0.3	70.4	360.3	360.3	0.678	0.0	1.0
365.8	352.5	349.9	1.0	0.0	0.625	48.0	68.9	7.1	69.3	365.8	365.8	0.842	0.0	1.0
371.6	360.0	357.0	1.0	0.0	0.5	47.7	67.7	14.0	69.1	371.6	371.6	0.949	0.0	1.0
378.2	367.5	364.1	1.0	0.0	0.375	47.7	66.1	21.8	69.6	378.2	378.2	1.0	0.0	0.765
383.9	375.0	371.2	1.0	0.0	0.25	47.7	65.0	28.9	71.2	383.9	383.9	1.0	0.0	0.563
388.6	382.5	378.3	1.0	0.0	0.125	47.4	64.4	35.1	73.4	388.6	388.6	1.0	0.0	0.408
392.8	390.0	385.4	1.0	0.0	0.0	47.3	63.8	41.2	76.0	392.8	392.8	1.0	0.0	0.209

5-013830-L0 QN150-71 LAB*la0, YN=0%, XYZnw=2.4, 2.5, 2.6, 85.1, 88.8, 104.3, LAB*nw=17.7, 0.0, 0.0, 95.5, 0.0, 0.0

output: Offset standard print; separation cmyn6*, D65, side 9/33

TUB-prøveplansje QN15; farbetoneplan: H*e=R50Y_e
48-trinns fargetonesirkel; rgb-LabCh*tabeller

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

TUB registrering: 20150701-QN15/QN15L0NA.TXT /.PS
anvendelse for måling av offsettrykk output, separasjon cmyn6 (CMYK)
TUB-material: code=ha4ta

Data til maksimalfargen M i fargemetrisk system Offset standard print; separation cmykn6*, D65 for input eller output; Seks fargetonevinkler til 60 graders standardfargene RYGBM_{BS}; $h_{ab,ds} = 30.0, 90.0, 150.0, 210.0, 270.0, 330.0$;

seks targetonevinkler til apparattargene RYGBM: $n_{ab,d} = 32.8, 97.2, 157.8, 236.2, 296.4, 353.3$; seks targetonevinkler til elementtargene RYGBM: $n_{ab,e} = 25.5, 92.3, 162.2, 217.0, 271.7, 328.6$																																				
$h_{ab,d}$	$h_{ab,s}$	$h_{ab,e}$	$rgb^*_{dd361Mi}$	LAB^*_{d361Mi} (x=LabCh)	$rgb^*_{ds361Mi}$	$LAB^*_{ds361Mi}$ (x=LabCh)	$rgb^*_{dd361Mi}$	LAB^*_{d361Mi} (x=LabCh)	$rgb^*_{de361Mi}$	$LAB^*_{dex361Mi}$ (x=LabCh)	$rgb^*_{dd361Mi}$	Y_d	Y_s	Y_e	Y_c	Y_p	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0												
88	75	75	1.0	0.75 0.0	79.2	2.0	83.0	83.1	88	1.0	0.543 0.0	69.4	19.0	70.7	73.2	75	1.0	0.75 0.0	1.0	0.555 0.0	70.0	17.9	71.6	73.8	76	1.0	0.767 0.0	1.0	0.564 0.0	70.5	17.0	72.2	74.2	76	1.0	0.767 0.0
89	76	76	1.0	0.766 0.0	79.9	1.0	83.9	83.9	89	1.0	0.567 0.0	70.7	16.7	72.4	74.3	77	1.0	0.783 0.0	1.0	0.577 0.0	71.2	15.8	73.1	74.8	77	1.0	0.783 0.0	1.0	0.577 0.0	71.2	15.8	73.1	74.8	77	1.0	0.783 0.0
90	78	78	1.0	0.8 0.0	81.2	-0.9	85.7	85.7	90	1.0	0.579 0.0	71.3	15.6	73.3	74.9	78	1.0	0.8 0.0	1.0	0.591 0.0	71.9	14.5	74.0	75.4	78	1.0	0.8 0.0	1.0	0.591 0.0	71.9	14.5	74.0	75.4	78	1.0	0.8 0.0
91	79	80	1.0	0.816 0.0	81.9	-1.9	86.5	86.5	91	1.0	0.591 0.0	71.9	14.4	74.1	75.5	79	1.0	0.817 0.0	1.0	0.604 0.0	72.6	13.1	74.9	76.0	80	1.0	0.817 0.0	1.0	0.604 0.0	72.6	13.1	74.9	76.0	80	1.0	0.817 0.0
91	80	81	1.0	0.833 0.0	82.6	-3.0	87.4	87.4	91	1.0	0.604 0.0	72.5	13.2	74.9	76.0	80	1.0	0.833 0.0	1.0	0.618 0.0	73.3	11.8	75.8	76.7	81	1.0	0.833 0.0	1.0	0.618 0.0	73.3	11.8	75.8	76.7	81	1.0	0.833 0.0
92	81	82	1.0	0.85 0.0	83.2	-4.0	88.2	88.3	92	1.0	0.616 0.0	73.2	12.0	75.6	76.6	81	1.0	0.85 0.0	1.0	0.635 0.0	74.1	10.4	76.8	77.5	82	1.0	0.85 0.0	1.0	0.635 0.0	74.1	10.4	76.8	77.5	82	1.0	0.85 0.0
93	82	83	1.0	0.866 0.0	83.9	-5.1	89.0	89.2	93	1.0	0.629 0.0	73.8	10.7	76.5	77.2	82	1.0	0.867 0.0	1.0	0.655 0.0	75.0	9.0	77.9	78.5	83	1.0	0.867 0.0	1.0	0.655 0.0	75.0	9.0	77.9	78.5	83	1.0	0.867 0.0
93	83	84	1.0	0.883 0.0	84.5	-6.1	89.8	90.0	93	1.0	0.648 0.0	74.7	9.5	77.5	78.1	83	1.0	0.883 0.0	1.0	0.675 0.0	75.9	7.6	79.1	79.5	84	1.0	0.883 0.0	1.0	0.675 0.0	75.9	7.6	79.1	79.5	84	1.0	0.883 0.0
94	84	85	1.0	0.9 0.0	85.1	-6.9	90.6	90.8	94	1.0	0.666 0.0	75.5	8.3	78.6	79.0	84	1.0	0.9 0.0	1.0	0.696 0.0	76.8	6.1	80.2	80.5	85	1.0	0.9 0.0	1.0	0.696 0.0	76.8	6.1	80.2	80.5	85	1.0	0.9 0.0
94	85	86	1.0	0.916 0.0	85.6	-7.7	91.3	91.7	94	1.0	0.684 0.0	76.3	7.0	79.6	79.9	85	1.0	0.917 0.0	1.0	0.716 0.0	77.8	4.6</														

5-0131030-L0	QN150-71	LAB*la0, YN=0%, XYZnw=2.4, 2.5, 2.6, 85.1, 88.8, 104.3, LAB*nw=17.7, 0.0, 0.0, 95.5, 0.0, 0.0
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TUB-prøveplansje QN15; farbetoneplan: $H^*_e=R50Y_e$
48-trinns fargetonesirkel; *rgb-LabCh**tabeller

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

output: Offset standard print; separation cmyn6*, D65, side 11/33

Data til maksimalfargen M i fargemetrisk system Offset standard print; separation cmykn6*, D65 for input eller output; Seks fargetonevinkler til 60 graders standardfargene RYGBM_{BS}; $h_{ab,ds} = 30.0, 90.0, 150.0, 210.0, 270.0, 330.0$;

[illegible]

5-0131130-L0	QN150-71	LAB*la0, YN=0%, XYZnw=2.4, 2.5, 2.6, 85.1, 88.8, 104.3, LAB*nw=17.7, 0.0, 0.0, 95.5, 0.0, 0.0
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TUB-prøveplansje QN15; farbetoneplan: $H^*_e=R50Y_e$
48-trinns fargetonesirkel; *rgb-LabCh**tabeller

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

output: Offset standard print; separation cmyk6*, D65, side 12/33

Data til maksimalfargen M i fargemetriske system Offse: standard print; separation cmykn6; D65 for input eller output; Seks fargevekselvinkler til 60 graders standardfargene RYGBCRM; $h_{ab,ds} = 30.0, 90.0, 150.0, 210.0, 270.0, 330.0$; z_{color} fargetoneindlæget til apparatet fargene RYGBCRM i h_{ab} = 32.8, 97.2, 157.9, 236.2, 296.4, 372.2; z_{color} fargetoneindlæget til fargemetriske system RYGBCRM i h_{ab} = 25.5, 92.2, 162.2, 212.0, 272.7, 332.6.

seks targetonevinkler i apparadargene K10Cbm ₁ : $r_{\text{hab},b} = 22.0, 37.2, 137.0, 230.2, 230.4, 333.3$, seks targetonevinkler i elementargene K10Cbm ₂ : $r_{\text{hab},e} = 23.3, 32.3, 162.2, 217.0, 217.7, 320.0$																
$r_{\text{hab},d}$	$r_{\text{hab},s}$	$r_{\text{hab},e}$	r_{rgb}^* dd361Mi	r_{LAB}^* ddx361Mi (x=LabCh)	r_{rgb}^* ds361Mi	r_{LAB}^* dsx361Mi (x=LabCh)	r_{rgb}^* dd361Mi	r_{rgb}^* de361Mi	r_{LAB}^* dex361Mi (x=LabCh)	r_{rgb}^* dd361Mi	r_{rgb}^* ds361Mi	r_{rgb}^* ds361Mi	r_{rgb}^* de361Mi			
170	165	175	0.0	1.0	0.25	53.2	-61.9	9.8	62.7	170	0.0	1.0	0.25			
172	166	176	0.0	1.0	0.266	53.4	-61.4	8.2	61.9	172	0.0	1.0	0.267			
173	167	177	0.0	1.0	0.283	53.5	-60.8	6.7	61.2	173	0.0	1.0	0.283			
175	168	178	0.0	1.0	0.3	53.6	-60.2	5.2	60.4	175	0.0	1.0	0.3			
176	169	179	0.0	1.0	0.316	53.7	-59.5	3.7	59.6	176	0.0	1.0	0.317			
177	170	180	0.0	1.0	0.333	53.8	-58.8	2.3	58.9	177	0.0	1.0	0.333			
179	171	181	0.0	1.0	0.35	53.9	-58.1	0.9	58.1	179	0.0	1.0	0.35			
180	172	182	0.0	1.0	0.366	54.0	-57.3	-0.4	57.3	180	0.0	1.0	0.367			
181	173	183	0.0	1.0	0.383	54.1	-56.6	-1.8	56.6	181	0.0	1.0	0.383			
183	174	184	0.0	1.0	0.4	54.2	-55.9	-3.5	56.0	183	0.0	1.0	0.4			
185	175	185	0.0	1.0	0.416	54.3	-55.2	-5.0	55.5	185	0.0	1.0	0.417			
186	176	186	0.0	1.0	0.433	54.4	-54.5	-6.6	54.9	186	0.0	1.0	0.433			
188	177	186	0.0	1.0	0.45	54.5	-53.7	-8.0	54.3	188	0.0	1.0	0.45			
190	178	187	0.0	1.0	0.466	54.6	-52.8	-9.5	53.7	190	0.0	1.0	0.467			
191	179	188	0.0	1.0	0.483	54.7	-52.0	-10.9	53.1	191	0.0	1.0	0.483			
193	180	189	0.0	1.0	0.5	54.8	-51.0	-12.3	52.5	193	0.0	1.0	0.5			
195	181	190	0.0	1.0	0.516	54.9	-50.4	-13.7	52.2	195	0.0	1.0	0.517			
196	182	191	0.0	1.0	0.533	55.1	-49.6	-15.0	51.9	196	0.0	1.0	0.533			
198	183	192	0.0	1.0	0.55	55.2	-48.9	-16.3	51.6	198	0.0	1.0	0.55			
200	184	193	0.0	1.0	0.566	55.3	-48.1	-17.6	51.2	200	0.0	1.0	0.567			
201	185	194	0.0	1.0	0.583	55.5	-47.3	-18.9	50.9	201	0.0	1.0	0.583			
203	186	195	0.0	1.0	0.6	55.6	-46.4	-20.1	50.6	203	0.0	1.0	0.6			
205	187	195	0.0	1.0	0.616	55.7	-45.5	-21.3	50.3	205	0.0	1.0	0.617			
206	188	196	0.0	1.0	0.633	55.8	-44.7	-22.5	50.1	206	0.0	1.0	0.633			
208	189	197	0.0	1.0	0.65	56.0	-44.0	-23.8	50.1	208	0.0	1.0	0.65			
210	190	198	0.0	1.0	0.666	56.1	-43.2	-25.0	50.0	210	0.0	1.0	0.667			
211	191	199	0.0	1.0	0.683	56.2	-42.4	-26.3	49.9	211	0.0	1.0	0.683			
213	192	200	0.0	1.0	0.7	56.3	-41.6	-27.5	49.9	213	0.0	1.0	0.7			
215	193	201	0.0	1.0	0.716	56.5	-40.8	-28.6	49.8	215	0.0	1.0	0.717			
216	194	202	0.0	1.0	0.733	56.6	-39.9	-29.8	49.8	216	0.0	1.0	0.733			
218	195	203	0.0	1.0	0.75	56.7	-38.9	-30.9	49.7	218	0.0	1.0	0.75			
219	196	204	0.0	1.0	0.766	56.8	-38.4	-31.7	49.8	219	0.0	1.0	0.767			
220	197	205	0.0	1.0	0.783	56.9	-37.8	-32.6	49.9	220	0.0	1.0	0.783			
221	198	206	0.0	1.0	0.8	57.0	-37.2	-33.5	50.1	221	0.0	1.0	0.8			
223	199	206	0.0	1.0	0.816	57.1	-36.6	-34.3	50.2	223	0.0	1.0	0.817			
224	200	207	0.0	1.0	0.833	57.3	-36.0	-35.2	50.3	224	0.0	1.0	0.833			
225	201	208	0.0	1.0	0.85	57.4	-35.3	-36.0	50.4	225	0.0	1.0	0.85			
226	202	209	0.0	1.0	0.866	57.5	-34.6	-36.8	50.6	226	0.0	1.0	0.867			
227	203	210	0.0	1.0	0.883	57.6	-34.0	-37.7	50.8	227	0.0	1.0	0.883			
229	204	211	0.0	1.0	0.9	57.7	-33.4	-38.6	50.1	229	0.0	1.0	0.9			
230	205	212	0.0	1.0	0.916	57.8	-32.8	-39.4	51.3	230	0.0	1.0	0.917			
231	206	213	0.0	1.0	0.933	57.9	-32.1	-40.3	51.6	231	0.0	1.0	0.933			
232	207	214	0.0	1.0	0.95	58.0	-31.4	-41.2	51.8	232	0.0	1.0	0.95			
233	208	215	0.0	1.0	0.966	58.1	-30.7	-42.0	52.1	233	0.0	1.0	0.967			
235	209	216	0.0	1.0	0.983	58.2	-30.0	-42.9	52.3	235	0.0	1.0	0.983			
236	210	216	0.0	1.0	1.0	58.3	-29.2	-43.7	52.6	236	0.0	1.0	1.0			

5-0131230-L0	QN150-71	LAB*la0, YN=0%, XYZnw=2.4, 2.5, 2.6, 85.1, 88.8, 104.3, LAB*nw=17.7, 0.0, 0.0, 95.5, 0.0, 0.0
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TUB-prøveplansje QN15; farbetoneplan: $H^*_e=R50Y_e$
48-trinns fargetonesirkel; *rgb-LabCh**tabeller

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

output: Offset standard print; separation cmyn6*, D65, side 13/33

TUB registrering: 20150701-QN15/QN15L0NA.TXT /.PS TUB-material: code=rha4ta
 anvendelse for måling av offsettrykk output, separasjon cmyn6 (CMYK)

Data til maksimalfargen M i fargemetrisk system Offset standard print; separation cmyn6*, D65 for input eller output; Seks fargetonevinkler til 60 graders standardfargene RYGCBM_d: $h_{ab,ds} = 30.0, 90.0, 150.0, 210.0, 270.0, 330.0$; seks fargetonevinkler til apparatfargene RYGCBM_d: $h_{ab,d} = 32.8, 97.2, 157.8, 236.2, 296.4, 353.3$; 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^*_{dd361M}	$LAB^*_{dd361Mi}$ (x=LabCh)	$rgb^*_{ds361Mi}$	$LAB^*_{ds361Mi}$ (x=LabCh)	$rgb^*_{dd361Mi}$	$LAB^*_{de361Mi}$	$rgb^*_{dex361Mi}$ (x=LabCh)	$rgb^*_{dd361Mi}$	rgb^*_{dd}	rgb^*_{ds}	rgb^*_{de}
236	210	216	0.0	1.0	1.0	58.3	-29.2	-43.7	52.6	236	0.0	1.0	1.0
236	211	217	0.0	0.983	1.0	57.9	-28.7	-43.7	52.3	236	0.0	1.0	1.0
237	212	218	0.0	0.966	1.0	57.5	-28.1	-43.8	52.0	237	0.0	1.0	1.0
237	213	219	0.0	0.95	1.0	57.1	-27.5	-43.8	51.8	237	0.0	1.0	1.0
238	214	220	0.0	0.933	1.0	56.7	-26.9	-43.9	51.5	238	0.0	1.0	1.0
238	215	221	0.0	0.916	1.0	56.2	-26.4	-43.9	51.2	238	0.0	1.0	1.0
239	216	222	0.0	0.9	1.0	55.8	-25.8	-43.9	50.9	239	0.0	1.0	1.0
240	217	223	0.0	0.883	1.0	55.4	-25.2	-43.9	50.7	240	0.0	1.0	1.0
240	218	224	0.0	0.866	1.0	55.0	-24.6	-43.9	50.4	240	0.0	1.0	1.0
241	219	225	0.0	0.85	1.0	54.5	-23.9	-44.0	50.1	241	0.0	1.0	1.0
242	220	226	0.0	0.833	1.0	54.1	-23.2	-44.0	49.8	242	0.0	1.0	1.0
242	221	227	0.0	0.816	1.0	53.6	-22.5	-44.1	49.5	242	0.0	1.0	1.0
243	222	227	0.0	0.8	1.0	53.1	-21.8	-44.1	49.2	243	0.0	1.0	1.0
244	223	228	0.0	0.783	1.0	52.7	-21.1	-44.1	48.9	244	0.0	1.0	1.0
245	224	229	0.0	0.766	1.0	52.2	-20.4	-44.1	48.6	245	0.0	1.0	1.0
245	225	230	0.0	0.75	1.0	51.7	-19.7	-44.1	48.3	245	0.0	1.0	1.0
246	226	231	0.0	0.733	1.0	51.2	-18.9	-44.2	48.1	246	0.0	1.0	1.0
247	227	232	0.0	0.716	1.0	50.7	-18.1	-44.3	47.8	247	0.0	1.0	1.0
248	228	233	0.0	0.7	1.0	50.1	-17.4	-44.3	47.6	248	0.0	1.0	1.0
249	229	234	0.0	0.683	1.0	49.6	-16.6	-44.3	47.4	249	0.0	1.0	1.0
250	230	235	0.0	0.666	1.0	49.1	-15.8	-44.4	47.1	250	0.0	1.0	1.0
251	231	236	0.0	0.65	1.0	48.5	-15.0	-44.4	46.9	251	0.0	1.0	1.0
252	232	237	0.0	0.633	1.0	48.0	-14.3	-44.4	46.6	252	0.0	1.0	1.0
253	233	237	0.0	0.616	1.0	47.4	-13.4	-44.5	46.4	253	0.0	1.0	1.0
254	234	238	0.0	0.6	1.0	46.7	-12.3	-44.6	46.3	254	0.0	1.0	1.0
255	235	239	0.0	0.583	1.0	46.1	-11.3	-44.7	46.1	255	0.0	1.0	1.0
257	236	240	0.0	0.566	1.0	45.4	-10.2	-44.8	46.0	257	0.0	1.0	1.0
258	237	241	0.0	0.55	1.0	44.7	-9.1	-44.9	45.8	258	0.0	1.0	1.0
259	238	242	0.0	0.533	1.0	44.1	-8.1	-45.0	45.7	259	0.0	1.0	1.0
261	239	243	0.0	0.516	1.0	43.4	-7.0	-45.0	45.5	261	0.0	1.0	1.0
262	240	244	0.0	0.5	1.0	42.7	-6.0	-45.0	45.4	262	0.0	1.0	1.0
263	241	245	0.0	0.483	1.0	42.1	-5.0	-45.1	45.4	263	0.0	1.0	1.0
264	242	246	0.0	0.466	1.0	41.4	-4.0	-45.2	45.4	264	0.0	1.0	1.0
266	243	247	0.0	0.45	1.0	40.8	-3.0	-45.3	45.4	266	0.0	1.0	1.0
267	244	248	0.0	0.433	1.0	40.2	-2.1	-45.3	45.4	267	0.0	1.0	1.0
268	245	248	0.0	0.416	1.0	39.5	-1.1	-45.4	45.4	268	0.0	1.0	1.0
269	246	249	0.0	0.4	1.0	38.9	-0.1	-45.4	45.4	269	0.0	1.0	1.0
271	247	250	0.0	0.383	1.0	38.2	0.8	-45.4	45.4	271	0.0	1.0	1.0
272	248	251	0.0	0.366	1.0	37.6	1.8	-45.5	45.5	272	0.0	1.0	1.0
273	249	252	0.0	0.35	1.0	37.0	2.9	-45.6	45.7	273	0.0	1.0	1.0
275	250	253	0.0	0.333	1.0	36.4	4.0	-45.7	45.9	275	0.0	1.0	1.0
276	251	254	0.0	0.316	1.0	35.7	5.1	-45.8	46.1	276	0.0	1.0	1.0
277	252	255	0.0	0.3	1.0	35.1	6.1	-45.9	46.3	277	0.0	1.0	1.0
279	253	256	0.0	0.283	1.0	34.5	7.2	-46.0	46.5	279	0.0	1.0	1.0
280	254	257	0.0	0.266	1.0	33.9	8.3	-46.0	46.7	280	0.0	1.0	1.0
281	255	258	0.0	0.25	1.0	33.3	9.4	-46.0	47.0	281	0.0	1.0	1.0

5-0131330-L0 QN150-71 LAB*la0, YN=0%, XYZnw=2.4, 2.5, 2.6, 85.1, 88.8, 104.3, LAB*nw=17.7, 0.0, 0.0, 95.5, 0.0, 0.0

TUB-prøveplansje QN15; farbetoneplan: $H^*_e=R50Y_e$
48-trinns fargetonesirkel; $rgb-LabCh^*$ tabeller

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

output: Offset standard print; separation cmyn6*, D65, side 14/33

TUB registrering: 20150701-QN15/QN15L0NA.TXT /.PS
anvendelse for måling av offsettrykk output, separasjon cmyn6 (CMYK)
TUB-material: code=ha4ta

Data til maksimalfargen M i fargemetrisk system Offset standard print; separation cmykn*, D65 for input eller output; Seks fargetonevinkler til 60 graders standardfargene RYGBM; $h_{ab,ds} = 30.0, 90.0, 150.0, 210.0, 270.0, 330.0$;

seks targeteinvinkler til apparatargene *RYGCBM*_g: *hab*_{ad}, 32.8, 9/12, 15/78, 236/2, 296/4, 353/3; seks targeteinvinkler til elementargene *RYGCBM*_e: *hab*_e = 25.5, 92.3, 162.2, 21/70, 21/17, 328/6.

281	255	258	0.0	0.25	1.0	33.3	9.4	-46.0	47.0	281	0.0	0.594	1.0	46.5	-11.9	-44.6	46.3	255	0.0	0.25	1.0	0.0	0.555	1.0	45.0	-9.4	-44.8	45.9	258	0.0	0.25	1.0
282	256	258	0.0	0.233	1.0	32.7	10.5	-46.2	47.4	282	0.0	0.581	1.0	46.0	-11.1	-44.7	46.2	256	0.0	0.233	1.0	0.0	0.543	1.0	44.5	-8.7	-44.9	45.8	258	0.0	0.233	1.0
283	257	259	0.0	0.216	1.0	32.0	11.5	-46.4	47.8	283	0.0	0.568	1.0	45.5	-10.3	-44.8	46.1	257	0.0	0.217	1.0	0.0	0.532	1.0	44.1	-7.9	-44.9	45.7	259	0.0	0.217	1.0
285	258	260	0.0	0.2	1.0	31.4	12.5	-46.5	48.2	285	0.0	0.556	1.0	45.0	-9.5	-44.8	45.9	258	0.0	0.2	1.0	0.0	0.52	1.0	43.6	-7.2	-44.9	45.6	260	0.0	0.2	1.0
286	259	261	0.0	0.183	1.0	30.8	13.6	-46.7	48.6	286	0.0	0.543	1.0	44.5	-8.6	-44.9	45.8	259	0.0	0.183	1.0	0.0	0.508	1.0	43.1	-6.5	-44.9	45.5	261	0.0	0.183	1.0
287	260	262	0.0	0.166	1.0	30.1	14.7	-46.8	49.0	287	0.0	0.53	1.0	44.0	-7.8	-44.9	45.7	260	0.0	0.167	1.0	0.0	0.497	1.0	42.7	-5.7	-45.0	45.4	262	0.0	0.167	1.0
288	261	263	0.0	0.15	1.0	29.5	15.8	-46.9	49.4	288	0.0	0.517	1.0	43.5	-7.0	-44.9	45.6	261	0.0	0.15	1.0	0.0	0.484	1.0	42.2	-5.0	-45.0	45.4	263	0.0	0.15	1.0
289	262	264	0.0	0.133	1.0	28.9	16.8	-46.9	49.9	289	0.0	0.505	1.0	43.0	-6.2	-44.9	45.5	262	0.0	0.133	1.0	0.0	0.472	1.0	41.7	-4.3	-45.1	45.4	264	0.0	0.133	1.0
290	263	265	0.0	0.116	1.0	28.3	17.8	-47.0	50.3	290	0.0	0.491	1.0	42.5	-5.4	-45.0	45.4	263	0.0	0.117	1.0	0.0	0.46	1.0	41.2	-3.6	-45.2	45.4	265	0.0	0.117	1.0
291	264	266	0.0	0.1	1.0	27.9	18.6	-47.1	50.6	291	0.0	0.478	1.0	41.9	-4.6	-45.1	45.4	264	0.0	0.1	1.0	0.0	0.448	1.0	40.8	-2.9	-45.2	45.4	266	0.0	0.1	1.0
292	265	267	0.0	0.083	1.0	27.5	19.4	-47.1	51.0	292	0.0	0.465	1.0	41.4	-3.9	-45.2	45.4	265	0.0	0.083	1.0	0.0	0.436	1.0	40.3	-2.1	-45.3	45.4	267	0.0	0.083	1.0
293	266	268	0.0	0.066	1.0	27.0	20.2	-47.2	51.4	293	0.0	0.451	1.0	40.9	-3.1	-45.2	45.4	266	0.0	0.067	1.0	0.0	0.423	1.0	39.8	-1.4	-45.3	45.4	268	0.0	0.067	1.0
293	267	269	0.0	0.049	1.0	26.6	21.0	-47.3	51.7	293	0.0	0.438	1.0	40.4	-2.3	-45.3	45.4	267	0.0	0.05	1.0	0.0	0.411	1.0	39.4	-0.7	-45.3	45.4	269	0.0	0.05	1.0
294	268	269	0.0	0.033	1.0	26.2	21.8	-47.3	52.1	294	0.0	0.425	1.0	39.9	-1.5	-45.3	45.4	268	0.0	0.033	1.0	0.0	0.399	1.0	38.9	0.0	-45.3	45.4	269	0.0	0.033	1.0
295	269	270	0.0	0.016	1.0	25.7	22.6	-47.3	52.5	295	0.0	0.411	1.0	39.4	-0.7	-45.3	45.4	269	0.0	0.017	1.0	0.0	0.387	1.0	38.4	0.7	-45.3	45.4	270	0.0	0.017	1.0
296	270	271	0.0	0.0	1.0	25.3	23.5	-47.3	52.8	296	0.0	0.398	1.0	38.8	0.0	-45.3	45.4	270	0.0	0.0	1.0	0.0	0.375	1.0	37.9	1.4	-45.3	45.5	271	0.0	0.0	1.0
297	271	272	0.016	0.0	1.0	25.8	24.6	-46.8	52.9	297	0.0	0.385	1.0	38.3	0.8	-45.3	45.4	271	0.017	0.0	1.0	0.0	0.363	1.0	37.5	2.1	-45.5	45.6	272	0.017	0.0	1.0
299	272	273	0.033	0.0	1.0	26.3	25.8	-46.2	52.9	299	0.0	0.371	1.0	37.8	1.6	-45.4	45.5	272	0.033	0.0	1.0	0.0	0.351	1.0	37.1	2.9	-45.6	45.8	273	0.033	0.0	1.0
300	273	274	0.05	0.0	1.0	26.9	26.9	-45.6	52.9	300	0.0	0.359	1.0	37.3	2.4	-45.5	45.7	273	0.05	0.0	1.0	0.0	0.339	1.0	36.6	3.7	-45.7	45.9	274	0.05	0.0	1.0
301	274	275	0.066	0.0	1.0	27.4	28.0	-45.0	53.0	301	0.0	0.346	1.0	36.9	3.2	-45.6	45.8	274	0.067	0.0	1.0	0.0	0.327	1.0	36.2	4.4	-45.7	46.0	275	0.067	0.0	1.0
303	275	276	0.083	0.0	1.0	27.9	29.1	-44.3	53.0	303	0.0	0.334	1.0	36.4	4.0	-45.7	46.0	275	0.083	0.0	1.0	0.0	0.315	1.0	35.7	5.2	-45.8	46.2	276	0.083	0.0	1.0
304	276	277	0.1	0.0	1.0	28.5	30.2	-43.6	53.1	304	0.0	0.321	1.0	36.0	4.8	-45.8	46.1	276	0.1	0.0	1.0	0.0	0.303	1.0	35.3	6.0	-45.9	46.3	277	0.1	0.0	1.0
306	277	278	0.116	0.0	1.0	29.0	31.2	-42.9	53.1	306	0.0	0.309	1.0	35.5	5.6	-45.8	46.3	277	0.117	0.0	1.0	0.0	0.291	1.0	34.9	6.8	-45.9	46.5	278	0.117	0.0	1.0
307	278	279	0.133	0.0	1.0	29.4	32.1	-42.3	53.1	307	0.0	0.296	1.0	35.0	6.5	-45.9	46.4	278	0.133	0.0	1.0	0.0	0.279	1.0	34.4	7.6	-45.9	46.6	279	0.133	0.0	1.0
307	279	280	0.15	0.0	1.0	29.7	32.7	-41.9	53.2	307	0.0	0.283	1.0	34.6	7.3	-45.9	46.6	279	0.15	0.0	1.0	0.0	0.267	1.0	34.0	8.3	-45.9	46.8	280	0.15	0.0	1.0
308	280	281	0.166	0.0	1.0	30.0	33.3	-41.5	53.2	308	0.0	0.271	1.0	34.1	8.1	-45.9	46.7	280	0.167	0.0	1.0	0.0	0.256	1.0	33.5	9.1	-45.9	46.9	281	0.167	0.0	1.0
309	281	282	0.183	0.0	1.0	30.3	33.9	-41.0	53.2	309	0.0	0.258	1.0	33.6	8.9	-45.9	46.9	281	0.183	0.0	1.0	0.0	0.243	1.0	33.1	9.9	-46.0	47.2	282	0.183	0.0	1.0
310	282	283	0.2	0.0	1.0	30.6	34.5	-40.6	53.3	310	0.0	0.245	1.0	33.1	9.8	-46.0	47.1	282	0.2	0.0	1.0	0.0	0.229	1.0	32.5	10.8	-46.2	47.5	283	0.2	0.0	1.0
311	283	284	0.216	0.0	1.0	30.9	35.0	-40.1	53.3	311	0.0	0.231	1.0	32.6	10.7	-46.2	47.5	283	0.217	0.0	1.0	0.0	0.215	1.0	32.0	11.6	-46.3	47.9	284	0.217	0.0	1.0
311	284	285	0.233	0.0	1.0	31.2	35.6	-39.6	53.3	311	0.0	0.216	1.0	32.1	11.6	-46.3	47.8	284	0.233	0.0	1.0	0.0	0.202	1.0	31.5	12.5	-46.5	48.2	285	0.233	0.0	1.0
312	285	285	0.25	0.0	1.0	31.5	36.2	-39.2	53.4	312	0.0	0.202	1.0	31.5	12.5	-46.5	48.2	285	0.25	0.0	1.0	0.0	0.188	1.0	31.0	13.3	-46.6	48.5	285	0.25	0.0	1.0
314	286	286	0.266	0.0	1.0	31.8	37.8	-38.3	53.8	314	0.0	0.188	1.0	31.0	13.4	-46.6	48.6	286	0.267	0.0	1.0	0.0	0.175	1.0	30.5	14.2	-46.7	48.9	286	0.267	0.0	1.0
316	287	287	0.283	0.0	1.0	32.1	39.4	-37.4	54.3	316	0.0	0.173	1.0	30.4	14.3	-46.7	48.9	287	0.283	0.0	1.0	0.0	0.161	1.0	30.0	15.1	-46.8	49.2	287	0.283	0.0	1.0
318	288	288	0.3	0.0	1.0	32.4	40.9	-36.4	54.8	318	0.0	0.159	1.0	29.9	15.2	-46.8	49.3	288	0.3	0.0	1.0	0.0	0.147	1.0	29.5	16.0	-46.8	49.6	288	0.3	0.0	1.0
320	289	289	0.316	0.0	1.0	32.7	42.4	-35.3	55.3	320	0.0	0.145	1.0	29.4	16.2	-46.8	49.6	289	0.317	0.0	1.0	0.0	0.134	1.0	28.9	16.9	-46.9	49.9	289	0.317	0.0	1.0
322	290	290	0.333	0.0	1.0	33.0	43.9	-34.2	55.7	322	0.0	0.13	1.0	28.8	17.1	-46.9	50.0	290	0.333	0.0	1.0	0.0	0.118	1.0	28.4	17.8	-46.9	50.3	290	0.333	0.0	1.0
323	291	291	0.35	0.0	1.0	33.3	45.4	-33.1	56.2	323	0.0	0.112	1.0	28.3	18.1	-47.0	50.4	291	0.35	0.0	1.0	0.0	0.098	1.0	27.9	18.7	-47.0	50.7	291	0.35	0.0	1.0
325	292	292	0.366	0.0	1.0	33.6	46.9	-31.8	56.7	325	0.0	0.091	1.0	27.7	19.1	-47.1	50.9	292	0.367	0.0	1.0	0.0	0.079	1.0	27.4	19.6	-47.1	51.1	292	0.367	0.0	1.0
327	293	293	0.383	0.0	1.0	34.0	48.0	-30.9	57.1	327	0.0	0.07	1.0	27.2	20.1	-47.1	51.3	293	0.383	0.0	1.0	0.0	0.059	1.0	26.9	20.6	-47.2	51.6	293	0.383	0.0	1.0
328	294	294	0.4	0.0	1.0	34.6	48.9	-30.3	57.5	328	0.0	0.05	1.0	26.6	21.1	-47.2	51.8	294	0.4	0.0	1.0	0.0	0.04	1.0	26.4	21.6	-47.2	52.0	294	0.4	0.0	1.0
329	295	295	0.416	0.0	1.0	35.1	49.7	-29.7	57.9	329	0.0	0.029	1.0	26.1	22.1	-47.2	52.2	295	0.417	0.0	1.0	0.0	0.02	1.0	25.9	22.5	-47.3	52.4	295	0.417	0.0	1.0
330	296	296	0.433	0.0	1.0	35.7	50.5	-29.0	58.3	330	0.0	0.008	1.0	25.6	23.1	-47.3	52.7	296	0.433	0.0	1.0	0.0	0.001	1.0	25.3	23.5	-47.3	52.9	296	0.433	0.0	1.0
331	297	297	0.45	0.0	1.0	36.2	51.4	-28.4	58.7	331	0.007	0.0	1.0	25.6	24.0	-47.0	52.9	297	0.45	0.0	1.0	0.011	0.0	1.0	25.7	24.3	-46.9	52.9	297	0.45	0.0	1.0
332	298	298	0.466																													

5-0131430-L0	QN150-71	LAB*la0, YN=0%, XYZnw=2.4, 2.5, 2.6, 85.1, 88.8, 104.3, LAB*nw=17.7, 0.0, 0.0, 95.5, 0.0, 0.0
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TUB-prøveplansje QN15; farbetoneplan: H^{*}_e=R50Y_e
48-trinns fargetonesirkel; *rgb-LabCh**tabeller

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

output: Offset standard print; separation cmyn6*, D65, side 15/33

TUB registrering: 20150701-QN15/QN15L0NA.TXT/.PS
 anvendelse for måling av offsettrykk output, separasjon cr

TUB-material: code=rha4ta
(CMV)

Data til maksimalfargen M in fargemetrisk system Offset standard print; separation cmyn6*, D65 for input eller output; Seks fargetonevinkler til 60 graders standardfargene RYGCBM _d : h _{ab,ds} = 30.0, 90.0, 150.0, 210.0, 270.0, 330.0; seks fargetonevinkler til apparatfargene RYGCBM _d : h _{ab,d} = 32.8, 97.2, 157.8, 236.2, 296.4, 353.3; 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* dd361Mi	LAB* ddx361Mi (x=LabCh)	rgb* ds361Mi	LAB* dsx361Mi (x=LabCh)	rgb* dd361Mi	LAB* de361Mi	LAB* dex361Mi (x=LabCh)	rgb* dd361Mi	rgb* de361Mi
333	300	300	0.5 0.0 1.0	37.8 53.8 -26.3 59.9 333	0.043 0.0 1.0	26.7 26.5 -45.8 53.0 300	0.5 0.0 1.0	0.046 0.0 1.0	26.8 26.6 -45.7 53.0 300	0.5 0.0 1.0	0.046 0.0 1.0
334	301	301	0.516 0.0 1.0	38.3 54.5 -25.7 60.3 334	0.056 0.0 1.0	27.1 27.3 -45.3 53.0 301	0.517 0.0 1.0	0.057 0.0 1.0	27.2 27.4 -45.3 53.0 301	0.517 0.0 1.0	0.057 0.0 1.0
335	302	302	0.533 0.0 1.0	38.7 55.2 -25.2 60.6 335	0.068 0.0 1.0	27.5 28.1 -44.9 53.0 302	0.533 0.0 1.0	0.068 0.0 1.0	27.5 28.2 -44.8 53.0 302	0.533 0.0 1.0	0.068 0.0 1.0
336	303	303	0.55 0.0 1.0	39.1 55.8 -24.6 61.0 336	0.08 0.0 1.0	27.9 28.9 -44.4 53.1 303	0.55 0.0 1.0	0.08 0.0 1.0	27.9 28.9 -44.4 53.1 303	0.55 0.0 1.0	0.08 0.0 1.0
336	304	303	0.566 0.0 1.0	39.5 56.5 -24.0 61.4 336	0.092 0.0 1.0	28.3 29.7 -43.9 53.1 304	0.567 0.0 1.0	0.091 0.0 1.0	28.3 29.7 -43.9 53.1 303	0.567 0.0 1.0	0.091 0.0 1.0
337	305	304	0.583 0.0 1.0	39.9 57.2 -23.4 61.8 337	0.104 0.0 1.0	28.7 30.5 -43.4 53.1 305	0.583 0.0 1.0	0.103 0.0 1.0	28.6 30.4 -43.5 53.1 304	0.583 0.0 1.0	0.103 0.0 1.0
338	306	305	0.6 0.0 1.0	40.3 57.8 -22.8 62.2 338	0.116 0.0 1.0	29.0 31.2 -42.9 53.1 306	0.6 0.0 1.0	0.114 0.0 1.0	29.0 31.1 -43.0 53.1 305	0.6 0.0 1.0	0.114 0.0 1.0
339	307	306	0.616 0.0 1.0	40.7 58.5 -22.1 62.5 339	0.13 0.0 1.0	29.4 32.0 -42.4 53.2 307	0.617 0.0 1.0	0.126 0.0 1.0	29.4 31.9 -42.5 53.2 306	0.617 0.0 1.0	0.126 0.0 1.0
340	308	307	0.633 0.0 1.0	41.1 59.3 -21.4 63.0 340	0.151 0.0 1.0	29.8 32.8 -41.8 53.2 308	0.633 0.0 1.0	0.146 0.0 1.0	29.7 32.6 -42.0 53.2 307	0.633 0.0 1.0	0.146 0.0 1.0
341	309	308	0.65 0.0 1.0	41.4 60.3 -20.5 63.7 341	0.172 0.0 1.0	30.2 33.5 -41.3 53.3 309	0.65 0.0 1.0	0.166 0.0 1.0	30.1 33.3 -41.5 53.2 308	0.65 0.0 1.0	0.166 0.0 1.0
342	310	309	0.666 0.0 1.0	41.7 61.3 -19.7 64.3 342	0.193 0.0 1.0	30.6 34.3 -40.7 53.3 310	0.667 0.0 1.0	0.186 0.0 1.0	30.4 34.0 -40.9 53.3 309	0.667 0.0 1.0	0.186 0.0 1.0
343	311	310	0.683 0.0 1.0	41.9 62.2 -18.8 65.0 343	0.214 0.0 1.0	30.9 35.0 -40.2 53.3 311	0.683 0.0 1.0	0.205 0.0 1.0	30.8 34.7 -40.4 53.3 310	0.683 0.0 1.0	0.205 0.0 1.0
344	312	311	0.7 0.0 1.0	42.2 63.2 -17.8 65.6 344	0.234 0.0 1.0	31.3 35.7 -39.6 53.4 312	0.7 0.0 1.0	0.225 0.0 1.0	31.1 35.4 -39.8 53.4 311	0.7 0.0 1.0	0.225 0.0 1.0
345	313	312	0.716 0.0 1.0	42.5 64.1 -16.9 66.3 345	0.252 0.0 1.0	31.6 36.5 -39.0 53.5 313	0.717 0.0 1.0	0.245 0.0 1.0	31.5 36.1 -39.3 53.4 312	0.717 0.0 1.0	0.245 0.0 1.0
346	314	313	0.733 0.0 1.0	42.8 65.0 -15.9 66.9 346	0.261 0.0 1.0	31.8 37.3 -38.5 53.7 314	0.733 0.0 1.0	0.256 0.0 1.0	31.7 36.8 -38.8 53.6 313	0.733 0.0 1.0	0.256 0.0 1.0
347	315	314	0.75 0.0 1.0	43.1 65.9 -14.9 67.6 347	0.27 0.0 1.0	31.9 38.2 -38.1 54.0 315	0.75 0.0 1.0	0.265 0.0 1.0	31.8 37.7 -38.4 53.8 314	0.75 0.0 1.0	0.265 0.0 1.0
347	316	315	0.766 0.0 1.0	43.5 66.4 -14.5 68.0 347	0.279 0.0 1.0	32.1 39.0 -37.6 54.2 316	0.767 0.0 1.0	0.273 0.0 1.0	32.0 38.5 -37.9 54.1 315	0.767 0.0 1.0	0.273 0.0 1.0
348	317	316	0.783 0.0 1.0	43.8 66.9 -14.1 68.4 348	0.288 0.0 1.0	32.3 39.8 -37.1 54.5 317	0.783 0.0 1.0	0.282 0.0 1.0	32.1 39.3 -37.4 54.3 316	0.783 0.0 1.0	0.282 0.0 1.0
348	318	317	0.8 0.0 1.0	44.2 67.3 -13.7 68.7 348	0.297 0.0 1.0	32.4 40.7 -36.5 54.7 318	0.8 0.0 1.0	0.29 0.0 1.0	32.3 40.0 -36.9 54.5 317	0.8 0.0 1.0	0.29 0.0 1.0
348	319	318	0.816 0.0 1.0	44.6 67.8 -13.3 69.1 348	0.306 0.0 1.0	32.6 41.5 -36.0 55.0 319	0.817 0.0 1.0	0.299 0.0 1.0	32.4 40.8 -36.4 54.8 318	0.817 0.0 1.0	0.299 0.0 1.0
349	320	319	0.833 0.0 1.0	45.0 68.3 -12.9 69.5 349	0.315 0.0 1.0	32.7 42.3 -35.4 55.2 320	0.833 0.0 1.0	0.307 0.0 1.0	32.6 41.6 -35.9 55.0 319	0.833 0.0 1.0	0.307 0.0 1.0
349	321	320	0.85 0.0 1.0	45.3 68.8 -12.5 69.9 349	0.324 0.0 1.0	32.9 43.1 -34.8 55.5 321	0.85 0.0 1.0	0.315 0.0 1.0	32.7 42.4 -35.4 55.3 320	0.85 0.0 1.0	0.315 0.0 1.0
350	322	321	0.866 0.0 1.0	45.7 69.2 -12.1 70.3 350	0.333 0.0 1.0	33.1 43.9 -34.2 55.8 322	0.867 0.0 1.0	0.324 0.0 1.0	32.9 43.2 -34.8 55.5 321	0.867 0.0 1.0	0.324 0.0 1.0
350	323	321	0.883 0.0 1.0	46.1 69.7 -11.7 70.7 350	0.342 0.0 1.0	33.2 44.7 -33.6 56.0 323	0.883 0.0 1.0	0.332 0.0 1.0	33.0 43.9 -34.2 55.7 321	0.883 0.0 1.0	0.332 0.0 1.0
350	324	322	0.9 0.0 1.0	46.4 70.1 -11.2 71.0 350	0.351 0.0 1.0	33.4 45.5 -33.0 56.3 324	0.9 0.0 1.0	0.341 0.0 1.0	33.2 44.7 -33.7 56.0 322	0.9 0.0 1.0	0.341 0.0 1.0
351	325	323	0.916 0.0 1.0	46.7 70.6 -10.8 71.4 351	0.359 0.0 1.0	33.5 46.3 -32.3 56.5 325	0.917 0.0 1.0	0.349 0.0 1.0	33.4 45.4 -33.1 56.2 323	0.917 0.0 1.0	0.349 0.0 1.0
351	326	324	0.933 0.0 1.0	47.0 71.0 -10.3 71.8 351	0.368 0.0 1.0	33.7 47.1 -31.6 56.8 326	0.933 0.0 1.0	0.358 0.0 1.0	33.5 46.2 -32.4 56.5 324	0.933 0.0 1.0	0.358 0.0 1.0
352	327	325	0.95 0.0 1.0	47.3 71.5 -9.9 72.2 352	0.379 0.0 1.0	34.0 47.9 -31.0 57.1 327	0.95 0.0 1.0	0.366 0.0 1.0	33.7 46.9 -31.8 56.7 325	0.95 0.0 1.0	0.366 0.0 1.0
352	328	326	0.966 0.0 1.0	47.6 71.9 -9.4 72.5 352	0.397 0.0 1.0	34.5 48.7 -30.4 57.5 328	0.967 0.0 1.0	0.375 0.0 1.0	33.8 47.6 -31.2 57.0 326	0.967 0.0 1.0	0.375 0.0 1.0
352	329	327	0.983 0.0 1.0	47.9 72.4 -9.0 72.9 352	0.414 0.0 1.0	35.1 49.6 -29.7 57.9 329	0.983 0.0 1.0	0.391 0.0 1.0	34.3 48.4 -30.6 57.3 327	0.983 0.0 1.0	0.391 0.0 1.0
353	330	328	1.0 0.0 1.0	48.2 72.8 -8.5 73.3 353	0.432 0.0 1.0	35.7 50.5 -29.1 58.3 330	1.0 0.0 1.0	0.407 0.0 1.0	34.9 49.3 -30.0 57.7 328	1.0 0.0 1.0	0.407 0.0 1.0
353	331	329	1.0 0.0 0.983	48.2 72.7 -7.9 73.1 353	0.449 0.0 1.0	36.2 51.4 -28.4 58.7 331	1.0 0.0 0.983	0.424 0.0 1.0	35.4 50.1 -29.4 58.1 329	1.0 0.0 0.983	0.424 0.0 1.0
354	332	330	1.0 0.0 0.966	48.2 72.5 -7.4 72.9 354	0.467 0.0 1.0	36.8 52.2 -27.7 59.1 332	1.0 0.0 0.967	0.441 0.0 1.0	35.9 50.9 -28.7 58.5 330	1.0 0.0 0.967	0.441 0.0 1.0
354	333	331	1.0 0.0 0.95	48.2 72.4 -6.8 72.7 354	0.484 0.0 1.0	37.4 53.1 -26.9 59.6 333	1.0 0.0 0.95	0.457 0.0 1.0	36.5 51.8 -28.1 58.9 331	1.0 0.0 0.95	0.457 0.0 1.0
355	334	332	1.0 0.0 0.933	48.2 72.2 -6.2 72.5 355	0.502 0.0 1.0	37.9 53.9 -26.2 60.0 334	1.0 0.0 0.933	0.474 0.0 1.0	37.0 52.6 -27.4 59.3 332	1.0 0.0 0.933	0.474 0.0 1.0
355	335	333	1.0 0.0 0.916	48.2 72.0 -5.7 72.3 355	0.524 0.0 1.0	38.5 54.8 -25.5 60.5 335	1.0 0.0 0.917	0.49 0.0 1.0	37.6 53.4 -26.7 59.7 333	1.0 0.0 0.917	0.49 0.0 1.0
355	336	334	1.0 0.0 0.9	48.2 71.9 -5.1 72.1 355	0.546 0.0 1.0	39.0 55.7 -24.7 61.0 336	1.0 0.0 0.9	0.508 0.0 1.0	38.1 54.2 -26.0 60.1 334	1.0 0.0 0.9	0.508 0.0 1.0
356	337	335	1.0 0.0 0.883	48.2 71.7 -4.6 71.8 356	0.567 0.0 1.0	39.6 56.6 -23.9 61.5 337	1.0 0.0 0.883	0.529 0.0 1.0	38.6 55.0 -25.3 60.6 335	1.0 0.0 0.883	0.529 0.0 1.0
356	338	336	1.0 0.0 0.866	48.2 71.5 -4.0 71.7 356	0.589 0.0 1.0	40.1 57.5 -23.1 62.0 338	1.0 0.0 0.867	0.55 0.0 1.0	39.1 55.9 -24.6 61.1 336	1.0 0.0 0.867	0.55 0.0 1.0
357	339	337	1.0 0.0 0.85	48.2 71.4 -3.3 71.5 357	0.611 0.0 1.0	40.7 58.3 -22.3 62.5 339	1.0 0.0 0.85	0.57 0.0 1.0	39.6 56.7 -23.8 61.5 337	1.0 0.0 0.85	0.57 0.0 1.0
357	340	338	1.0 0.0 0.833	48.2 71.3 -2.7 71.3 357	0.631 0.0 1.0	41.1 59.2 -21.5 63.0 340	1.0 0.0 0.833	0.591 0.0 1.0	40.2 57.5 -23.0 62.0 338	1.0 0.0 0.833	0.591 0.0 1.0
358	341	339	1.0 0.0 0.816	48.2 71.1 -2.1 71.1 358	0.648 0.0 1.0	41.4 60.2 -20.6 63.7 341	1.0 0.0 0.817	0.612 0.0 1.0	40.7 58.3 -22.3 62.5 339	1.0 0.0 0.817	0.612 0.0 1.0
358	342	339	1.0 0.0 0.8	48.2 70.9 -1.4 71.0 358	0.664 0.0 1.0	41.7 61.1 -19.8 64.3 342	1.0 0.0 0.8	0.631 0.0 1.0	41.1 59.2 -21.5 63.0 339	1.0 0.0 0.8	0.631 0.0 1.0
359	343	340	1.0 0.0 0.783	48.1 70.8 -0.8 70.8 359	0.68 0.0 1.0	41.9 62.1 -18.9 64.9 343	1.0 0.0 0.783	0.646 0.0 1.0	41.4 60.1 -20.7 63.6 340	1.0 0.0 0.783	0.646 0.0 1.0
359	344	341	1.0 0.0 0.766	48.1 70.6 -0.2 70.6 359	0.697 0.0 1.0	42.2 63.0 -18.0 65.6 344	1.0 0.0 0.767	0.662 0.0 1.0	41.6 61.0 -19.9 64.2 341	1.0 0.0 0.767	0.662 0.0 1.0
360	345	342	1.0 0.0 0.75	48.1 70.4 0.3 70.4 360	0.713 0.0 1.0	42.5 64.0 -17.0 66.2 345	1.0 0.0 0.75	0.678 0.0 1.0	41.9 61.9 -19.0 64.8 342	1.0 0.0 0.75	0.678 0.0 1.0

5-0131530-L0 QN150-71 LAB*la0, YN=0%, XYZnw=2.4, 2.5, 2.6, 85.1, 88.8, 104.3, LAB*nw=17.7, 0.0, 0.0, 95.5, 0.0, 0.0

TUB-prøveplansje QN15; farbetoneplan: H*e=R50Ye
48-trinns fargetonesirkel; rgb-LabCh*tabeller

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

output: Offset standard print; separation cmyn6*, D65, side 16/33

TUB registrering: 20150701-QN15/QN15L0NA.TXT /.PS
anvendelse for måling av offsettrykk output, separasjon cmyn6 (CMYK)
TUB-material: code=ha4ta

Data til maksimalfargen M i fargemetrisk system Offset standard print; separation cmy*n*, D65 for input eller output; Seks fargetonevinkler til 60 graders standardfargene $RYGCBM_s$: $h_{ab,d,s} = 30.0, 90.0, 150.0, 210.0, 270.0, 330.0$; seks fargetonevinkler til apparatfargene $RYGCBM_d$: $h_{ab,d} = 32.8, 97.2, 157.8, 236.2, 296.4, 353.3$; seks fargetonevinkler til elementærfargene $RYGCBM_c$: $h_{ab,c} = 25.5, 92.3, 162.2, 217.0, 271.7, 328.6$

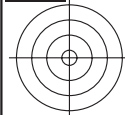
[illegible]

5-0131630-L0	QN150-71	LAB*la0, YN=0%, XYZnw=2.4, 2.5, 2.6, 85.1, 88.8, 104.3, LAB*nw=17.7, 0.0, 0.0, 95.5, 0.0, 0.0
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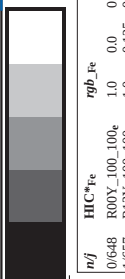
TUB-prøveplansje QN15; farbetoneplan: $H^*_e=R50Y_e$
48-trinns fargetonesirkel; *rgb-LabCh**tabeller

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

output: Offset standard print; separation cmyn6*, D65, side 17/33



se lignende filer: <http://130.149.60.45/~farbmetrik/QN15/QN15.HTM>
teknisk informasjon: <http://www.ps.bam.de> eller <http://130.149.60.45/~farbmetrik>

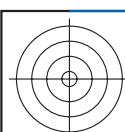


<http://130.149.60.45/~farbmetrik/QN15/QN15L0NA.TXT> /PS; overføring output
N: ingen 3D-linearisering (OL) i fil (F) eller PS-startup (S), side 18/33

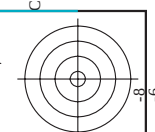
Y

M

C



TUB registrering: 20150701-QN15/QN15L0NA.TXT /PS TUB-material: code=rha4ta
anvendelse for måling av offsettrykk output, separasjon cmyn6 (CMYK)



nf	HfC*Fe	rgb_Fe	icr_Fe	hsa_Fa	rgb_Fe	LabCH*Fe	30.9	71.9	25.4	rgb_Fe	LabCH*Fe	30.9	71.9	25.4
0/648	R00Y_100_100e	1.0	0.0	0.0	1.0	0.0	0.0	0.0	0.0	1.0	0.0	0.0	0.0	0.0
1/657	R13Y_100_100e	1.0	0.125	0.0	1.0	0.0	0.0	0.0	0.0	1.0	0.0	0.0	0.0	0.0
2/666	R25Y_100_100e	1.0	0.25	0.0	1.0	0.0	0.0	0.0	0.0	1.0	0.0	0.0	0.0	0.0
3/675	R38Y_100_100e	1.0	0.375	0.0	1.0	0.0	0.0	0.0	0.0	1.0	0.0	0.0	0.0	0.0
4/684	R50Y_100_100e	1.0	0.5	0.0	1.0	0.0	0.0	0.0	0.0	1.0	0.0	0.0	0.0	0.0
5/693	R63Y_100_100e	1.0	0.625	0.0	1.0	0.0	0.0	0.0	0.0	1.0	0.0	0.0	0.0	0.0
6/702	R75Y_100_100e	1.0	0.75	0.0	1.0	0.0	0.0	0.0	0.0	1.0	0.0	0.0	0.0	0.0
7/711	R88Y_100_100e	1.0	0.875	0.0	1.0	0.0	0.0	0.0	0.0	1.0	0.0	0.0	0.0	0.0
8/720	Y00C_100_100e	1.0	1.0	0.0	1.0	0.0	0.0	0.0	0.0	1.0	0.0	0.0	0.0	0.0
9/639	Y13C_100_100e	0.875	1.0	0.0	1.0	0.0	0.0	0.0	0.0	1.0	0.0	0.0	0.0	0.0
10/558	Y25C_100_100e	0.75	1.0	0.0	1.0	0.0	0.0	0.0	0.0	1.0	0.0	0.0	0.0	0.0
11/477	Y38C_100_100e	0.625	1.0	0.0	1.0	0.0	0.0	0.0	0.0	1.0	0.0	0.0	0.0	0.0
12/396	Y50C_100_100e	0.5	1.0	0.0	1.0	0.0	0.0	0.0	0.0	1.0	0.0	0.0	0.0	0.0
13/315	Y63C_100_100e	0.375	1.0	0.0	1.0	0.0	0.0	0.0	0.0	1.0	0.0	0.0	0.0	0.0
14/234	Y75C_100_100e	0.25	1.0	0.0	1.0	0.0	0.0	0.0	0.0	1.0	0.0	0.0	0.0	0.0
15/153	Y88C_100_100e	0.125	1.0	0.0	1.0	0.0	0.0	0.0	0.0	1.0	0.0	0.0	0.0	0.0
16/72	G00C_100_100e	0.0	1.0	0.0	1.0	0.0	0.0	0.0	0.0	1.0	0.0	0.0	0.0	0.0
17/73	G13C_100_100e	0.0	1.0	0.0	1.0	0.0	0.0	0.0	0.0	1.0	0.0	0.0	0.0	0.0
18/74	G25C_100_100e	0.0	1.0	0.0	1.0	0.0	0.0	0.0	0.0	1.0	0.0	0.0	0.0	0.0
19/75	G38C_100_100e	0.0	1.0	0.0	1.0	0.0	0.0	0.0	0.0	1.0	0.0	0.0	0.0	0.0
20/76	G50C_100_100e	0.0	1.0	0.0	1.0	0.0	0.0	0.0	0.0	1.0	0.0	0.0	0.0	0.0
21/77	G63C_100_100e	0.0	1.0	0.0	1.0	0.0	0.0	0.0	0.0	1.0	0.0	0.0	0.0	0.0
22/78	G75C_100_100e	0.0	1.0	0.0	1.0	0.0	0.0	0.0	0.0	1.0	0.0	0.0	0.0	0.0
23/79	G88C_100_100e	0.0	1.0	0.0	1.0	0.0	0.0	0.0	0.0	1.0	0.0	0.0	0.0	0.0
24/80	C00B_100_100e	0.0	1.0	0.0	1.0	0.0	0.0	0.0	0.0	1.0	0.0	0.0	0.0	0.0
25/71	C13B_100_100e	0.0	1.0	0.0	1.0	0.0	0.0	0.0	0.0	1.0	0.0	0.0	0.0	0.0
26/62	C25B_100_100e	0.0	1.0	0.0	1.0	0.0	0.0	0.0	0.0	1.0	0.0	0.0	0.0	0.0
27/53	C38B_100_100e	0.0	1.0	0.0	1.0	0.0	0.0	0.0	0.0	1.0	0.0	0.0	0.0	0.0
28/44	C50B_100_100e	0.0	1.0	0.0	1.0	0.0	0.0	0.0	0.0	1.0	0.0	0.0	0.0	0.0
29/35	C63B_100_100e	0.0	1.0	0.0	1.0	0.0	0.0	0.0	0.0	1.0	0.0	0.0	0.0	0.0
30/26	C75B_100_100e	0.0	1.0	0.0	1.0	0.0	0.0	0.0	0.0	1.0	0.0	0.0	0.0	0.0
31/17	C88B_100_100e	0.0	1.0	0.0	1.0	0.0	0.0	0.0	0.0	1.0	0.0	0.0	0.0	0.0
32/8	B00M_100_100e	0.0	0.0	1.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
33/89	B13M_100_100e	0.125	0.0	1.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
34/170	B25M_100_100e	0.25	0.0	1.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
35/251	B38M_100_100e	0.375	0.0	1.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
36/332	B50M_100_100e	0.5	0.0	1.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
37/413	B63M_100_100e	0.625	0.0	1.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
38/494	B75M_100_100e	0.75	0.0	1.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
39/575	B88M_100_100e	0.875	0.0	1.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
40/656	M00R_100_100e	1.0	0.0	1.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
41/655	M13R_100_100e	1.0	0.0	0.875	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
42/654	M25R_100_100e	1.0	0.0	0.75	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
43/653	M38R_100_100e	1.0	0.0	0.625	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
44/652	M50R_100_100e	1.0	0.0	0.5	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
45/651	M63R_100_100e	1.0	0.0	0.375	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
46/650	M75R_100_100e	1.0	0.0	0.25	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47/649	M88R_100_100e	1.0	0.0	0.125	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
48/648	R00Y_100_100e	1.0	0.0	0.0	1.0	0.0	0.0	0.0	0.0	1.0	0.0	0.0	0.0	0.0
49/0	NW_000e	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
50/91	NW_012e	0.125	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
51/182	NW_025e	0.25	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
52/273	NW_038e	0.375	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
53/364	NW_050e	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
54/455	NW_063e	0.625	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55/546	NW_075e	0.75	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
56/637	NW_088e	0.875	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57/728	NW_100e	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

5-0131730-F0

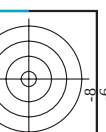
QN150-7N, 18/33-F

TUB-prøveplansje QN15; farbetoneplan: H*=R50Ye
farger og fargeavstander, ΔE^*

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

L

V



5-0131730-F0

M

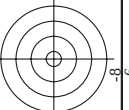
Y

O

L

V





TUB-material: code=rha4ta

se lignende filer: <http://130.149.60.45/~farbmetrik/QN15/QN15.HTM>

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

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

QN15; farbetoneplan: H_e^{*}=R50Y_e

TUB-prøveplansje QN15; farger og fargeavstander ΔE^* ,

[illegible]

<i>nj</i>	<i>HIC^{Fe}</i>	<i>rgb^{Fe}</i>	<i>ic^{Fe}</i>	<i>ha_{Fe}</i>	<i>rgb^{Fe}</i>	<i>LabCh^{Fe}</i>	<i>DE^{Fe}</i>	<i>hsa_{Fe}</i>	<i>rgb^{Fe}</i>	<i>LabCh^{Fe}</i>	<i>DE^{Fe}</i>	<i>hsa_{Fe}</i>	<i>rgb^{Fe}</i>	<i>LabCh^{Fe}</i>	<i>DE^{Fe}</i>	<i>hsa_{Fe}</i>	<i>rgb^{Fe}</i>	<i>LabCh^{Fe}</i>	<i>DE^{Fe}</i>	<i>hsa_{Fe}</i>	
0/648	R25Y_100_100e	1.0	0.0	0.0	1.0	0.0	0.0	0.0	1.0	0.0	0.0	0.0	1.0	0.0	0.0	0.0	1.0	0.0	0.0	0.0	
1/666	R25Y_100_100e	1.0	0.25	0.0	1.0	0.133	0.0	0.0	1.0	0.133	0.0	0.0	1.0	0.133	0.0	0.0	1.0	0.133	0.0	0.0	
2/684	R50Y_100_100e	1.0	0.5	0.0	1.0	0.349	0.0	0.0	1.0	0.349	0.0	0.0	1.0	0.349	0.0	0.0	1.0	0.349	0.0	0.0	
3/702	R75Y_100_100e	1.0	0.75	0.0	1.0	0.563	0.0	0.0	1.0	0.563	0.0	0.0	1.0	0.563	0.0	0.0	1.0	0.563	0.0	0.0	
4/720	R100Y_100_100e	1.0	1.0	0.0	1.0	0.841	0.0	0.0	1.0	0.841	0.0	0.0	1.0	0.841	0.0	0.0	1.0	0.841	0.0	0.0	
5/558	Y25G_100_100e	0.75	1.0	0.0	1.0	0.619	1.0	0.0	0.75	0.619	1.0	0.0	0.619	1.0	0.0	0.75	0.619	1.0	0.0	0.0	
6/396	Y50G_100_100e	0.5	1.0	0.0	1.0	0.326	1.0	0.0	0.5	0.326	1.0	0.0	0.326	1.0	0.0	0.5	0.326	1.0	0.0	0.0	
7/234	Y75G_100_100e	0.25	1.0	0.0	1.0	0.113	1.0	0.0	0.25	0.113	1.0	0.0	0.113	1.0	0.0	0.25	0.113	1.0	0.0	0.0	
8/72	G00B_100_100e	0.0	1.0	0.0	1.0	0.093	52.4	68.7	0.0	0.093	52.4	68.7	0.0	0.093	52.4	68.7	0.0	0.093	52.4	68.7	
9/72	G00B_100_100e	0.0	1.0	0.0	1.0	0.093	52.4	68.7	0.0	0.093	52.4	68.7	0.0	0.093	52.4	68.7	0.0	0.093	52.4	68.7	
10/76	G25B_100_100e	0.0	1.0	0.5	1.0	0.46	54.6	-53.2	0.0	0.46	54.6	-53.2	0.0	0.46	54.6	-53.2	0.0	0.46	54.6	-53.2	
11/84	G50B_100_100e	0.0	1.0	1.0	1.0	0.735	56.6	-39.7	0.0	0.735	56.6	-39.7	0.0	0.735	56.6	-39.7	0.0	0.735	56.6	-39.7	
12/44	G75B_100_100e	0.0	0.5	1.0	1.0	0.784	1.0	52.7	0.0	0.784	1.0	52.7	0.0	0.784	1.0	52.7	0.0	0.784	1.0	52.7	
13/38	B00M_100_100e	0.0	0.0	1.0	1.0	0.374	1.0	37.9	1.3	-47.3	52.8	266.3	1.0	0.374	1.0	37.9	1.3	-47.3	52.8	266.3	
14/32	E25R_100_100e	0.5	0.0	1.0	1.0	0.045	1.0	0.0	0.045	1.0	0.0	0.0	0.045	1.0	0.0	0.0	0.045	1.0	0.0	0.0	
15/656	B75R_100_100e	1.0	0.0	1.0	1.0	0.047	0.0	1.0	0.047	0.0	1.0	0.0	0.047	0.0	1.0	0.0	0.047	0.0	1.0	0.0	
16/652	B75R_100_100e	1.0	0.0	1.0	1.0	0.047	0.0	1.0	0.047	0.0	1.0	0.0	0.047	0.0	1.0	0.0	0.047	0.0	1.0	0.0	
17/648	R00Y_100_100e	1.0	0.0	1.0	1.0	0.0	0.209	64.9	30.9	64.9	30.9	64.9	30.9	0.0	0.209	64.9	30.9	64.9	30.9	64.9	
18/688	R00Y_100_050e	1.0	0.5	1.0	0.5	0.604	71.5	32.4	15.4	35.9	25.4	35.9	25.4	0.0	0.604	71.5	32.4	15.4	35.9	25.4	
19/666	R00Y_100_050e	1.0	0.75	1.0	0.75	0.816	73.3	33.1	16.5	38.1	28.9	38.1	28.9	0.0	0.816	73.3	33.1	16.5	38.1	28.9	
20/662	R00Y_100_050e	1.0	1.0	0.0	1.0	0.92	74.8	34.9	17.2	39.3	29.3	39.3	29.3	0.0	0.92	74.8	34.9	17.2	39.3	29.3	
21/562	G00B_100_050e	0.75	1.0	0.5	1.0	0.5	80.6	-20.7	27.2	34.1	127.2	0.5	1.0	0.5	80.6	-20.7	27.2	34.1	127.2	0.5	1.0
22/400	Y00G_100_050e	0.5	1.0	0.5	1.0	0.546	73.9	-33.5	10.7	35.2	162.2	0.5	1.0	0.546	73.9	-33.5	10.7	35.2	162.2	0.5	1.0
23/404	G50B_100_050e	0.5	1.0	0.75	1.0	0.867	76.0	-19.8	-14.9	24.9	216.9	0.5	1.0	0.867	76.0	-19.8	-14.9	24.9	216.9	0.5	1.0
24/368	B00R_100_050e	0.5	0.5	1.0	1.0	0.687	1.0	0.0	0.687	1.0	0.0	0.0	0.687	1.0	0.0	0.0	0.687	1.0	0.0	0.0	
25/692	B50R_100_050e	1.0	0.5	1.0	0.75	0.703	0.5	1.0	0.703	0.5	1.0	0.5	0.703	0.5	1.0	0.5	0.703	0.5	1.0	0.5	
26/688	R00Y_100_050e	1.0	0.5	1.0	0.5	0.604	71.5	32.4	15.4	35.9	25.4	35.9	25.4	0.0	0.604	71.5	32.4	15.4	35.9	25.4	
27/506	R00Y_075_050e	0.75	0.25	0.75	0.5	0.75	0.25	0.354	52.1	32.4	15.4	35.9	25.4	0.0	0.75	0.25	0.354	52.1	32.4	15.4	
28/542	Y00G_075_050e	0.75	0.75	0.25	0.5	0.75	0.67	0.25	69.7	-1.7	43.9	43.9	92.3	0.75	0.67	0.25	69.7	-1.7	43.9	43.9	
30/380	Y50G_075_050e	0.5	0.75	0.25	0.5	0.413	0.75	0.25	61.2	-20.7	27.2	34.1	127.2	0.5	0.413	0.75	0.25	61.2	-20.7	27.2	
31/218	G00B_075_050e	0.25	0.75	0.25	0.5	0.25	0.75	0.296	54.5	-33.5	10.7	35.2	162.2	0.25	0.75	0.296	54.5	-33.5	10.7	35.2	
32/222	G50B_075_050e	0.25	0.75	0.75	0.5	0.25	0.75	0.617	56.6	-19.8	-14.9	24.9	216.9	0.25	0.75	0.617	56.6	-19.8	-14.9	24.9	
33/186	B00R_075_050e	0.25	0.75	0.75	0.5	0.25	0.437	0.75	47.2	0.6	-22.7	22.7	271.7	0.25	0.437	0.75	47.2	0.6	-22.7	22.7	
34/510	B00R_075_050e	0.75	0.25	0.75	0.5	0.453	0.25	0.75	45.7	24.6	-15.0	28.8	328.6	0.75	0.453	0.25	0.75	45.7	24.6	-15.0	
35/506	R00Y_075_050e	0.75	0.25	0.75	0.5	0.75	0.25	0.354	52.1	32.4	15.4	35.9	25.4	0.0	0.75	0.25	0.354	52.1	32.4	15.4	
36/324	R00Y_050_050e	0.5	0.0	0.5	0.25	0.5	0.0	0.104	32.6	32.4	15.4	35.9	25.4	0.0	0.5	0.0	0.104	32.6	32.4	15.4	
37/342	R50Y_050_050e	0.5	0.25	0.5	0.25	0.5	0.174	0.0	39.0	17.8	29.5	34.4	58.8	0.5	0.174	0.0	39.0	17.8	29.5	34.4	
38/360	Y00G_050_050e	0.5	0.5	0.5	0.25	0.5	0.42	0.0	50.3	-1.7	43.9	43.9	92.3	0.5	0.42	0.0	50.3	-1.7	43.9	43.9	
39/198	Y50G_050_050e	0.25	0.5	0.5	0.25	0.163	0.5	0.0	41.7	-20.7	27.2	34.1	127.2	0.25	0.5	0.0	41.7	-20.7	27.2	34.1	
40/36	G00B_050_050e	0.0	0.5	0.25	1.0	0.0	0.5	0.046	35.0	-33.5	10.7	35.2	162.2	0.0	0.5	0.0	35.0	-33.5	10.7	35.2	
41/40	G50B_050_050e	0.0	0.5	0.5	1.0	0.0	0.5	0.367	37.1	-19.8	-14.9	24.9	216.9	0.0	0.5	0.0	37.1	-19.8	-14.9	24.9	
42/4	B00R_050_050e	0.0	0.5	0.5	1.0	0.0	0.187	0.5	27.8	0.6	-22.7	22.7	271.7	0.0	0.187	0.5	27.8	0.6	-22.7	22.7	
43/328	B50R_050_050e	0.5	0.0	0.5	0.25	0.203	0.0	0.5	26.2	24.6	-15.0	28.8	328.6	0.5	0.203	0.0	26.2	24.6	-15.0	28.8	
44/324	R00Y_050_050e	0.5	0.0	0.5	0.25	0.5	0.0	0.104	32.6	32.4	15.4	35.9	25.4	0.0	0.5	0.0	0.104	32.6	32.4	15.4	
45/0	NW_000e	0.0	0.0	0.0	0.0	0.0	0.0	0.0	17.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	17.7	0.0	0.0	0.0	
46/91	NW_013e	0.125	0.125	0.125	0.125	0.125	0.125	0.125	28.0	-0.2	-0.4	0.5	238.7	0.0	0.0	0.0	28.0	-0.2	-0.4	0.5	
47/182	NW_025e	0.25	0.25	0.25	0.25	0.25	0.25	0.25	42.2	-0.5	-0.7	0.9	235.1	0.0	0.0	0.0	42.2	-0.5	-0.7	0.9	
48/273	NW_038e	0.375	0.375	0.375	0.375	0.375	0.375	0.375	55.0	-0.4	-0.6	0.7	234.3	0.0	0.0	0.0	55.0	-0.4	-0.6	0.7	
49/364	NW_050e	0.5	0.5	0.5	0.5	0.5	0.5	0.5	63.4	-0.4	-0.6	0.7	235.9	0.0	0.0	0.0	63.4	-0.4	-0.6	0.7	
50/455	NW_063e	0.625	0.625	0.625	0.625	0.625	0.625	0.625	72.2	-0.3	-0.4	0.5	236.5	0.0	0.0	0.0	72.2	-0.3	-0.4	0.5	
51/546	NW_075e	0.75	0.75	0.75	0.75	0.75	0.75	0.75	80.8	-0.2	-0.4	0.5	237.4	0.0	0.0	0.0	80.8	-0.2	-0.4	0.5	
52/637	NW_086e	0.875	0.875	0.875	0.875	0.875	0.875	0.875	88.7	-0.1	-0.1	0.2	234.3	0.0	0.0	0.0	88.7	-0.1	-0.1	0.2	
53/728	NW_100e	1.0	1.0	1.0	1.0	1.0	1.0	1.0	95.4	0.0	0.0	0.0	235.0	0.0	0.0	0.0	95.4	0.0	0.0	0.0	

delta E** = 12.3

se lignende filer: <http://130.149.60.45/~farbmetrik/QN15/QN15.HTM>
teknisk informasjon: <http://www.ps.bam.de> eller <http://130.149.60.45/~farbmetrik>

http://130.149.60.45/~farbmatrik/QN15/QN15L0NA.TXT /PS; overføring output
N: ingen 3D-linearisering (OL) i fil (F) eller PS-startup (S), side 22/33

TUB-prøveplansje QN15; farbetoneplan: $H^* = R50Y_6$

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

[illegible]

se lignende filer: <http://130.149.60.45/~farbmetrik/QN15/QN15.HTM>
teknisk informasjon: <http://www.ps.bam.de> eller <http://130.149.60.45/~farbmetrik>

http://130.149.60.45/~farbmatrik/QN15/QN15L0NA.TXT /PS; overføring output
N: ingen 3D-linearisering (OL) i fil (F) eller PS-startup (S), side 23/33

TUB-prøveplansje QN15; farbetoneplan: $H^*_e=R50Y_e$
input: $rgb/cmyk \rightarrow rgb_e$
output: overføring til $cmyk_e$
farger og fargeavstander, ΔE^* ,

n	HIC-Fe	rgb-Fe	lcr-Fe	hsa-Fe	rgb+Fe	LabCh-Fe	LabCh+Fe	rgb+Ne	DE*Ne	hsaNe	rgb+Ne	LabCh+Ne								
243	R00Y_037_037e	0.375	0.0	0.375	0.375	0.187	371	0.375	0.0	0.0	0.0	209	476	694	309	719	25.4			
244	R18Y_037_037e	0.375	0.125	0.375	0.375	0.187	371	0.375	0.0	0.0	0.0	209	476	694	52	696	4.3			
245	B65R_037_037e	0.375	0.025	0.375	0.375	0.187	349	0.375	0.0	0.0	0.0	209	476	694	15.5	377	346.6			
246	B65R_037_037e	0.375	0.0	0.375	0.375	0.187	330	0.375	0.0	0.0	0.0	209	476	694	38.0	540	315.3			
247	B38R_050_050e	0.375	0.05	0.5	0.25	316	0.136	0.0	0.0	0.0	0.0	209	476	694	38.0	540	315.3			
248	B38R_062_062e	0.375	0.0625	0.625	0.312	307	0.078	0.0	0.0	0.0	0.0	209	476	694	38.0	540	315.3			
249	B25R_075_075e	0.375	0.075	0.75	0.375	300	0.034	0.0	0.0	0.0	0.0	209	476	694	38.0	540	315.3			
250	B20R_087_087e	0.375	0.0875	0.875	0.437	295	0.0	0.0	0.0	0.0	0.0	209	476	694	38.0	540	315.3			
251	B18R_100_100e	0.375	0.1	1.0	0.5	292	0.0	0.0	0.0	0.0	0.0	209	476	694	38.0	540	315.3			
252	R31Y_037_037e	0.375	0.125	0.0	0.375	0.075	187	0.375	0.0	0.0	0.0	209	476	694	38.0	540	315.3			
253	R00Y_037_025e	0.375	0.125	0.125	0.375	0.125	360	0.375	0.0	0.0	0.0	209	476	694	38.0	540	315.3			
254	R00Y_037_025e	0.375	0.125	0.25	0.375	0.125	360	0.375	0.0	0.0	0.0	209	476	694	38.0	540	315.3			
255	B34R_050_037e	0.375	0.125	0.375	0.25	330	0.226	0.124	0.375	31.7	12.3	7.5	14.4	38.6	19.4	5.1	20.1	345.2		
256	B34R_050_037e	0.375	0.125	0.5	0.375	0.312	311	0.201	0.124	0.375	31.7	12.3	7.5	14.4	38.6	19.4	5.1	20.1	345.2	
257	B25R_062_050e	0.375	0.125	0.625	0.375	0.300	0.147	0.125	0.625	31.9	13.8	22.9	26.4	30.0	1.0	0.0	0.0	0.0	0.0	
258	B19R_075_062e	0.375	0.125	0.75	0.75	0.625	293	0.375	0.125	0.625	31.9	13.8	22.9	26.4	30.0	1.0	0.0	0.0	0.0	
259	B15R_087_075e	0.375	0.125	0.875	0.875	0.75	0.5	0.375	0.125	0.625	31.9	13.8	22.9	26.4	30.0	1.0	0.0	0.0	0.0	
260	B13R_100_087e	0.375	0.125	1.0	1.0	0.875	0.562	0.875	0.125	0.625	31.9	13.8	22.9	26.4	30.0	1.0	0.0	0.0	0.0	
261	R80Y_037_037e	0.375	0.25	0.0	0.375	0.187	71	0.375	0.185	0.0	0.0	0.0	209	476	694	38.0	540	315.3		
262	R00Y_037_025e	0.375	0.25	0.125	0.375	0.125	360	0.375	0.212	0.124	0.375	31.7	12.3	7.5	14.4	38.6	19.4	5.1	20.1	345.2
263	R00Y_037_012e	0.375	0.25	0.375	0.125	0.312	330	0.375	0.249	0.375	38.2	6.1	3.7	8.2	32.6	19.4	5.1	20.1	345.2	
264	B25R_050_025e	0.375	0.25	0.5	0.25	0.375	300	0.375	0.249	0.375	38.2	6.1	3.7	8.2	32.6	19.4	5.1	20.1	345.2	
265	B25R_050_025e	0.																		

400:0 0:1 0:1
0N150-7N 23/33-F

5-0132230-F0

se lignende filer: <http://130.149.60.45/~farbmetrik/QN15/QN15.HTM>
teknisk informasjon: <http://www.ps.bam.de> eller <http://130.149.60.45/~farbmetrik>

http://130.149.60.45/~farbmatrik/QN15/QN15L0NA.TXT /PS; overføring output N: ingen 3D-linearisering (OL) i fil (F) eller PS-startup (S), side 24/33

TUB-prøveplansje QN15; farbetoneplan: $H^*_e=R50Y_e$

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

[illegible]

0132330-F0

ON150-7N 24/33-E

delta E^*

12.8

5

anvendelse for måling av offsettrykk output, separasjon cmyk6 (CMYK)

http://130.149.60.45/~farbmatrik/QN15/QN15L0NA.TXT /PS; overføring output

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

DN15: farbetoneplan: $H^*_e=R50Y_e$

[illegible]

anvendelse for måling av offsettrykk output, separasjon cmyn6 (CMYK)

se lignende filer: <http://130.149.60.45/~farbmetrik/QN15/QN15.HTM>
teknisk informasjon: <http://www.ps.bam.de> eller <http://130.149.60.45/~farbmetrik>

input: *rgb/cmyk* -> *rgb*_e
output: overføring til *cmyk*_e

TUB-prøveplansje QN15; farbetoneplan: $H_e^* = R50Y_e$

se lignende filer: <http://130.149.60.45/~farbmetrik/QN15/QN15.HTM>
teknisk informasjon: <http://www.ps.bam.de> eller <http://130.149.60.45/~farbmetrik>

http://130.149.60.45/~farbmetrik/QN15/QN15L0NA.TXT /PS; overføring output
N: ingen 3D-linearisering (OL) i fil (F) eller PS-startup (S), side 28/33

TUB-prøveplansje QN15; farbetoneplan: H*_e=R50Y_e

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

	HC ^{Fe}	rgb ^{Fe}	icr ^{Fe}	hs ^{Fe}	LabCh ^{Fe}	rgb ^{Fe}	LabCh ^{Fe}	rgb ^{Fe}	LabCh ^{Fe}	DE ^{Fe}	h _{max} ^{Fe}	rgb ^{He}	LabCh ^{He}	
n	648	649	650	651	652	653	654	655	656	657	658	659	660	661
R00Y_100_100e	1.0	0.5	383	390	64.9	71.9	25.4	1.0	0.0	47.3	63.8	41.2	76.0	32.8
R00Y_100_100e	1.0	0.5	383	390	20.1	69.6	17.6	1.0	0.0	0.125	47.4	63.8	41.2	35.1
R00Y_100_100e	1.0	0.5	383	390	31.1	69.6	17.6	1.0	0.0	0.125	47.4	63.8	41.2	35.1
R00Y_100_100e	1.0	0.5	383	390	20.1	69.6	17.6	1.0	0.0	0.125	47.4	63.8	41.2	35.1
R00Y_100_100e	1.0	0.5	383	390	31.1	69.6	17.6	1.0	0.0	0.125	47.4	63.8	41.2	35.1
R00Y_100_100e	1.0	0.5	383	390	20.1	69.6	17.6	1.0	0.0	0.125	47.4	63.8	41.2	35.1
R00Y_100_100e	1.0	0.5	383	390	31.1	69.6	17.6	1.0	0.0	0.125	47.4	63.8	41.2	35.1
R00Y_100_100e	1.0	0.5	383	390	20.1	69.6	17.6	1.0	0.0	0.125	47.4	63.8	41.2	35.1
R00Y_100_100e	1.0	0.5	383	390	31.1	69.6	17.6	1.0	0.0	0.125	47.4	63.8	41.2	35.1
R00Y_100_100e	1.0	0.5	383	390	20.1	69.6	17.6	1.0	0.0	0.125	47.4	63.8	41.2	35.1
R00Y_100_100e	1.0	0.5	383	390	31.1	69.6	17.6	1.0	0.0	0.125	47.4	63.8	41.2	35.1
R00Y_100_100e	1.0	0.5	383	390	20.1	69.6	17.6	1.0	0.0	0.125	47.4	63.8	41.2	35.1
R00Y_100_100e	1.0	0.5	383	390	31.1	69.6	17.6	1.0	0.0	0.125	47.4	63.8	41.2	35.1
R00Y_100_100e	1.0	0.5	383	390	20.1	69.6	17.6	1.0	0.0	0.125	47.4	63.8	41.2	35.1
R00Y_100_100e	1.0	0.5	383	390	31.1	69.6	17.6	1.0	0.0	0.125	47.4	63.8	41.2	35.1
R00Y_100_100e	1.0	0.5	383	390	20.1	69.6	17.6	1.0	0.0	0.125	47.4	63.8	41.2	35.1
R00Y_100_100e	1.0	0.5	383	390	31.1	69.6	17.6	1.0	0.0	0.125	47.4	63.8	41.2	35.1
R00Y_100_100e	1.0	0.5	383	390	20.1	69.6	17.6	1.0	0.0	0.125	47.4	63.8	41.2	35.1
R00Y_100_100e	1.0	0.5	383	390	31.1	69.6	17.6	1.0	0.0	0.125	47.4	63.8	41.2	35.1
R00Y_100_100e	1.0	0.5	383	390	20.1	69.6	17.6	1.0	0.0	0.125	47.4	63.8	41.2	35.1
R00Y_100_100e	1.0	0.5	383	390	31.1	69.6	17.6	1.0	0.0	0.125	47.4	63.8	41.2	35.1
R00Y_100_100e	1.0	0.5	383	390	20.1	69.6	17.6	1.0	0.0	0.125	47.4	63.8	41.2	35.1
R00Y_100_100e	1.0	0.5	383	390	31.1	69.6	17.6	1.0	0.0	0.125	47.4	63.8	41.2	35.1
R00Y_100_100e	1.0	0.5	383	390	20.1	69.6	17.6	1.0	0.0	0.125	47.4	63.8	41.2	35.1
R00Y_100_100e	1.0	0.5	383	390	31.1	69.6	17.6	1.0	0.0	0.125	47.4	63.8	41.2	35.1
R00Y_100_100e	1.0	0.5	383	390	20.1	69.6	17.6	1.0	0.0	0.125	47.4	63.8	41.2	35.1
R00Y_100_100e	1.0	0.5	383	390	31.1	69.6	17.6	1.0	0.0	0.1				

http://130.149.60.45/~farbmetrik/QN15/QN15L0NA.TXT /.PS; overføring output
N: ingen 3D-linearisering (OL) i fil (F) eller PS-startup (S), side 31/33

n	H*CH*Fe	rgb-Fe	icr-Fe	hsa-Fe	LabCH*Fe	rgb*Fe	LabCH*Fe	rgb*Fe	DF*Fe	hsa*Fe	rgb*Fe	LabCH*Fe
891	NW_100e	1.0	1.0	360	95.4	1.0	95.4	1.0	139.6	360	1.0	95.4
892	B50R_100.012e	1.0	0.125	0.937	87.9	0.125	87.9	0.125	6.4	342.7	0.125	87.9
893	B50R_100.025e	1.0	0.25	0.875	80.3	0.25	80.3	0.25	19.9	342.7	0.25	80.3
894	B50R_100.037e	1.0	0.375	0.812	72.7	0.375	72.7	0.375	34.6	342.7	0.375	72.7
895	B50R_100.050e	1.0	0.5	0.75	65.1	0.5	65.1	0.5	49.1	342.7	0.5	65.1
896	B50R_100.062e	1.0	0.625	0.687	57.5	0.625	57.5	0.625	63.8	342.7	0.625	57.5
897	B50R_100.075e	1.0	0.75	0.625	50.0	0.75	50.0	0.75	78.5	342.7	0.75	50.0
898	B50R_100.087e	1.0	0.875	0.562	42.4	0.875	42.4	0.875	93.2	342.7	0.875	42.4
899	B50R_100.100e	1.0	1.0	0.5	34.8	1.0	34.8	1.0	107.9	342.7	1.0	34.8
900	GOB_100.012e	0.875	0.125	0.937	95.4	0.125	95.4	0.125	6.4	342.7	0.125	95.4
901	NW_087e	0.875	0.875	360	87.9	0.875	87.9	0.875	6.4	342.7	0.875	87.9
902	B50R_087.012e	0.875	0.125	0.812	80.3	0.125	80.3	0.125	19.9	342.7	0.125	80.3
903	B50R_087.025e	0.875	0.25	0.75	72.7	0.25	72.7	0.25	34.6	342.7	0.25	72.7
904	B50R_087.037e	0.875	0.375	0.687	65.1	0.375	65.1	0.375	49.1	342.7	0.375	65.1
905	B50R_087.050e	0.875	0.5	0.625	57.5	0.5	57.5	0.5	63.8	342.7	0.5	57.5
906	B50R_087.062e	0.875	0.625	0.562	50.0	0.625	50.0	0.625	78.5	342.7	0.625	50.0
907	B50R_087.075e	0.875	0.75	0.5	42.4	0.75	42.4	0.75	93.2	342.7	0.75	42.4
908	B50R_087.087e	0.875	0.875	0.437	34.8	0.875	34.8	0.875	107.9	342.7	0.875	34.8
909	GOB_100.025e	0.75	0.125	0.875	95.4	0.125	95.4	0.125	6.4	342.7	0.125	95.4
910	GOB_100.037e	0.75	0.25	0.812	80.3	0.25	80.3	0.25	19.9	342.7	0.25	80.3
911	B50R_075.012e	0.75	0.125	0.875	87.9	0.125	87.9	0.125	6.4	342.7	0.125	87.9
912	B50R_075.025e	0.75	0.25	0.812	80.3	0.25	80.3	0.25	19.9	342.7	0.25	80.3
913	B50R_075.037e	0.75	0.375	0.75	72.7	0.375	72.7	0.375	34.6	342.7	0.375	72.7
914	B50R_075.050e	0.75	0.5	0.687	65.1	0.5	65.1	0.5	49.1	342.7	0.5	65.1
915	B50R_075.062e	0.75	0.625	0.625	57.5	0.625	57.5	0.625	63.8	342.7	0.625	57.5
916	B50R_075.075e	0.75	0.75	0.562	50.0	0.75	50.0	0.75	78.5	342.7	0.75	50.0
917	B50R_075.087e	0.75	0.875	0.5	42.4	0.875	42.4	0.875	93.2	342.7	0.875	42.4
918	GOB_100.037e	0.625	0.125	0.937	95.4	0.125	95.4	0.125	6.4	342.7	0.125	95.4
919	GOB_100.050e	0.625	0.25	0.875	80.3	0.25	80.3	0.25	19.9	342.7	0.25	80.3
920	GOB_100.062e	0.625	0.375	0.812	72.7	0.375	72.7	0.375	34.6	342.7	0.375	72.7
921	GOB_100.075e	0.625	0.5	0.75	65.1	0.5	65.1	0.5	49.1	342.7	0.5	65.1
922	B50R_062.012e	0.625	0.125	0.875	87.9	0.125	87.9	0.125	6.4	342.7	0.125	87.9
923	B50R_062.025e	0.625	0.25	0.812	80.3	0.25	80.3	0.25	19.9	342.7	0.25	80.3
924	B50R_062.037e	0.625	0.375	0.75	72.7	0.375	72.7	0.375	34.6	342.7	0.375	72.7
925	B50R_062.050e	0.625	0.5	0.687	65.1	0.5	65.1	0.5	49.1	342.7	0.5	65.1
926	B50R_062.062e	0.625	0.625	0.625	57.5	0.625	57.5	0.625	63.8	342.7	0.625	57.5
927	GOB_100.050e	0.5	0.125	0.937	95.4	0.125	95.4	0.125	6.4	342.7	0.125	95.4
928	GOB_087.037e	0.5	0.375	0.875	87.9	0.375	87.9	0.375	6.4	342.7	0.375	87.9
929	GOB_087.050e	0.5	0.5	0.812	80.3	0.5	80.3	0.5	19.9	342.7	0.5	80.3
930	GOB_087.062e	0.5	0.625	0.75	72.7	0.625	72.7	0.625	34.6	342.7	0.625	72.7
931	NW_050e	0.5	0.5	0.5	56.5	0.5	56.5	0.5	49.1	342.7	0.5	56.5
932	B50R_050.012e	0.5	0.125	0.937	95.4	0.125	95.4	0.125	6.4	342.7	0.125	95.4
933	B50R_050.025e	0.5	0.25	0.875	80.3	0.25	80.3	0.25	19.9	342.7	0.25	80.3
934	B50R_050.037e	0.5	0.375	0.812	72.7	0.375	72.7	0.375	34.6	342.7	0.375	72.7
935	B50R_050.050e	0.5	0.5	0.75	65.1	0.5	65.1	0.5	49.1	342.7	0.5	65.1
936	B50R_050.062e	0.375	0.125	0.937	95.4	0.125	95.4	0.125	6.4	342.7	0.125	95.4
937	GOB_087.050e	0.375	0.375	0.875	87.9	0.375	87.9	0.375	6.4	342.7	0.375	87.9
938	GOB_087.062e	0.375	0.5	0.812	80.3	0.5	80.3	0.5	19.9	342.7	0.5	80.3
939	GOB_087.075e	0.375	0.625	0.75	72.7	0.625	72.7	0.625	34.6	342.7	0.625	72.7
940	NW_037e	0.375	0.375	0.375	56.5	0.375	56.5	0.375	49.1	342.7	0.375	56.5
941	B50R_037.012e	0.375	0.125	0.937	95.4	0.125	95.4	0.125	6.4	342.7	0.125	95.4
942	B50R_037.025e	0.375	0.25	0.875	80.3	0.25	80.3	0.25	19.9	342.7	0.25	80.3
943	B50R_037.037e	0.375	0.375	0.812	72.7	0.375	72.7	0.375	34.6	342.7	0.375	72.7
944	GOB_100.075e	0.25	0.125	0.937	95.4	0.125	95.4	0.125	6.4	342.7	0.125	95.4
945	GOB_100.087e	0.25	0.25	0.875	80.3	0.25	80.3	0.25	19.9	342.7	0.25	80.3
946	GOB_100.100e	0.25	0.375	0.812	72.7	0.375	72.7	0.375	34.6	342.7	0.375	72.7
947	GOB_062.037e	0.25	0.375	0.875	87.9	0.375	87.9	0.375	6.4	342.7	0.375	87.9
948	GOB_062.050e	0.25	0.5	0.812	80.3	0.5	80.3	0.5	19.9	342.7	0.5	80.3
949	GOB_062.062e	0.25	0.625	0.75	72.7	0.625	72.7	0.625	34.6	342.7	0.625	72.7
950	GOB_062.075e	0.25	0.75	0.687	65.1	0.75	65.1	0.75	49.1	342.7	0.75	65.1
951	B50R_025.012e	0.25	0.125	0.937	95.4	0.125	95.4	0.125	6.4	342.7	0.125	95.4
952	B50R_025.025e	0.25	0.25	0.875	80.3	0.25	80.3	0.25	19.9	342.7	0.25	80.3
953	B50R_025.037e	0.25	0.375	0.812	72.7	0.375	72.7	0.375	34.6	342.7	0.375	72.7
954	GOB_100.087e	0.125	0.125	0.937	95.4	0.125	95.4	0.125	6.4	342.7	0.125	95.4
955	GOB_100.100e	0.125	0.25	0.875	80.3	0.25	80.3	0.25	19.9	342.7	0.25	80.3
956	GOB_100.112e	0.125	0.375	0.812	72.7	0.375	72.7	0.375	34.6	342.7	0.375	72.7
957	GOB_050.037e	0.125	0.375	0.875	87.9	0.375	87.9	0.375	6.4	342.7	0.375	87.9
958	GOB_050.050e	0.125	0.5	0.812	80.3	0.5	80.3	0.5	19.9	342.7	0.5	80.3
959	GOB_050.062e	0.125	0.625	0.75	72.7	0.625	72.7	0.625	34.6	342.7	0.625	72.7
960	GOB_050.075e	0.125	0.75	0.687	65.1	0.75	65.1	0.75	49.1	342.7	0.75	65.1
961	NW_012e	0.125	0.125	0.125	56.5	0.125	56.5	0.125	49.1	342.7	0.125	56.5
962	B50R_012.012e	0.125	0.125	0.937	95.4	0.125	95.4	0.125	6.4	342.7	0.125	95.4
963	GOB_100.100e	0.0	0.0	0.0	95.4	0.0	95.4	0.0	0.0	342.7	0.0	95.4
964	GOB_087.087e	0.0	0.875	0.875	87.9	0.875	87.9	0.875	6.4	342.7	0.875	87.9
965	GOB_075.075e	0.0	0.75	0.75	72.7	0.75	72.7	0.75	34.6	342.7	0.75	72.7
966	GOB_062.062e	0.0	0.625	0.625	57.5	0.625	57.5	0.625	63.8	342.7	0.625	57.5
967	GOB_050.050e	0.0	0.5	0.5	49.1	0.5	49.1	0.5	78.5	342.7	0.5	49.1
968	GOB_037.037e	0.0	0.375	0.375	34.8	0.375	34.8	0.375	107.9	342.7	0.375	34.8
969	GOB_025.025e	0.0	0.25	0.25	26.3	0.25	26.3	0.25	154.0	342.7	0.25	26.3
970	GOB_012.012e	0.0	0.125	0.125	15.4	0.125	15.4	0.125	233.0	342.7	0.125	15.4
971	NW_000e	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	342.7	0.0	0.0

QN150-7N, 31/33-F

TUB-prøveplanse QN15; farbetoneplan: H*=R50Ye
farger og fargeavstander, ΔE*
input: rgb/cmyk -> rgb
output: overføring til cmyke

n	H* _{Fe}	rgb _{Fe}	ic _{Fe}	h _{Fe}	Lab _{Fe}	Lab _{CH_{Fe}}	rgb _{Fe}	Lab _{CH_{Fe}}	DF _{Fe}	h _{ANe}	rgb _{Ne}	Lab _{CH_{Ne}}
972	NW 000 _e	0.0	0.0	0.0	0.0	17.7	0.0	17.7	0.0	0.0	0.0	0.0
973	NW 012 _e	0.125	0.125	0.125	0.0	17.7	0.0	17.7	0.0	0.0	0.0	0.0
974	NW 025 _e	0.25	0.25	0.25	0.0	17.7	0.0	17.7	0.0	0.0	0.0	0.0
975	NW 037 _e	0.375	0.375	0.375	0.0	17.7	0.0	17.7	0.0	0.0	0.0	0.0
976	NW 050 _e	0.5	0.5	0.5	0.0	17.7	0.0	17.7	0.0	0.0	0.0	0.0
977	NW 062 _e	0.625	0.625	0.625	0.0	17.7	0.0	17.7	0.0	0.0	0.0	0.0
978	NW 075 _e	0.75	0.75	0.75	0.0	17.7	0.0	17.7	0.0	0.0	0.0	0.0
979	NW 087 _e	0.875	0.875	0.875	0.0	17.7	0.0	17.7	0.0	0.0	0.0	0.0
980	NW 100 _e	1.0	1.0	1.0	0.0	17.7	0.0	17.7	0.0	0.0	0.0	0.0
981	NW 000 _e	0.0	0.0	0.0	0.0	17.7	0.0	17.7	0.0	0.0	0.0	0.0
982	NW 012 _e	0.125	0.125	0.125	0.0	17.7	0.0	17.7	0.0	0.0	0.0	0.0
983	NW 025 _e	0.25	0.25	0.25	0.0	17.7	0.0	17.7	0.0	0.0	0.0	0.0
984	NW 037 _e	0.375	0.375	0.375	0.0	17.7	0.0	17.7	0.0	0.0	0.0	0.0
985	NW 050 _e	0.5	0.5	0.5	0.0	17.7	0.0	17.7	0.0	0.0	0.0	0.0
986	NW 062 _e	0.625	0.625	0.625	0.0	17.7	0.0	17.7	0.0	0.0	0.0	0.0
987	NW 075 _e	0.75	0.75	0.75	0.0	17.7	0.0	17.7	0.0	0.0	0.0	0.0
988	NW 087 _e	0.875	0.875	0.875	0.0	17.7	0.0	17.7	0.0	0.0	0.0	0.0
989	NW 100 _e	1.0	1.0	1.0	0.0	17.7	0.0	17.7	0.0	0.0	0.0	0.0
990	NW 000 _e	0.0	0.0	0.0	0.0	17.7	0.0	17.7	0.0	0.0	0.0	0.0
991	NW 012 _e	0.125	0.125	0.125	0.0	17.7	0.0	17.7	0.0	0.0	0.0	0.0
992	NW 025 _e	0.25	0.25	0.25	0.0	17.7	0.0	17.7	0.0	0.0	0.0	0.0
993	NW 037 _e	0.375	0.375	0.375	0.0	17.7	0.0	17.7	0.0	0.0	0.0	0.0
994	NW 050 _e	0.5	0.5	0.5	0.0	17.7	0.0	17.7	0.0	0.0	0.0	0.0
995	NW 062 _e	0.625	0.625	0.625	0.0	17.7	0.0	17.7	0.0	0.0	0.0	0.0
996	NW 075 _e	0.75	0.75	0.75	0.0	17.7	0.0	17.7	0.0	0.0	0.0	0.0
997	NW 087 _e	0.875	0.875	0.875	0.0	17.7	0.0	17.7	0.0	0.0	0.0	0.0
998	NW 100 _e	1.0	1.0	1.0	0.0	17.7	0.0	17.7	0.0	0.0	0.0	0.0
999	NW 000 _e	0.0	0.0	0.0	0.0	17.7	0.0	17.7	0.0	0.0	0.0	0.0
1000	NW 012 _e	0.125	0.125	0.125	0.0	17.7	0.0	17.7	0.0	0.0	0.0	0.0
1001	NW 025 _e	0.25	0.25	0.25	0.0	17.7	0.0	17.7	0.0	0.0	0.0	0.0
1002	NW 037 _e	0.375	0.375	0.375	0.0	17.7	0.0	17.7	0.0	0.0	0.0	0.0
1003	NW 050 _e	0.5	0.5	0.5	0.0	17.7	0.0	17.7	0.0	0.0	0.0	0.0
1004	NW 062 _e	0.625	0.625	0.625	0.0	17.7	0.0	17.7	0.0	0.0	0.0	0.0
1005	NW 075 _e	0.75	0.75	0.75	0.0	17.7	0.0	17.7	0.0	0.0	0.0	0.0
1006	NW 087 _e	0.875	0.875	0.875	0.0	17.7	0.0	17.7	0.0	0.0	0.0	0.0
1007	NW 100 _e	1.0	1.0	1.0	0.0	17.7	0.0	17.7	0.0	0.0	0.0	0.0
1008	NW 000 _e	0.0	0.0	0.0	0.0	17.7	0.0	17.7	0.0	0.0	0.0	0.0
1009	NW 012 _e	0.125	0.125	0.125	0.0	17.7	0.0	17.7	0.0	0.0	0.0	0.0
1010	NW 025 _e	0.25	0.25	0.25	0.0	17.7	0.0	17.7	0.0	0.0	0.0	0.0
1011	NW 037 _e	0.375	0.375	0.375	0.0	17.7	0.0	17.7	0.0	0.0	0.0	0.0
1012	NW 050 _e	0.5	0.5	0.5	0.0	17.7	0.0	17.7	0.0	0.0	0.0	0.0
1013	NW 062 _e	0.625	0.625	0.625	0.0	17.7	0.0	17.7	0.0	0.0	0.0	0.0
1014	NW 075 _e	0.75	0.75	0.75	0.0	17.7	0.0	17.7	0.0	0.0	0.0	0.0
1015	NW 087 _e	0.875	0.875	0.875	0.0	17.7	0.0	17.7	0.0	0.0	0.0	0.0
1016	NW 100 _e	1.0	1.0	1.0	0.0	17.7	0.0	17.7	0.0	0.0	0.0	0.0
1017	NW 000 _e	0.0	0.0	0.0	0.0	17.7	0.0	17.7	0.0	0.0	0.0	0.0
1018	NW 012 _e	0.125	0.125	0.125	0.0	17.7	0.0	17.7	0.0	0.0	0.0	0.0
1019	NW 025 _e	0.25	0.25	0.25	0.0	17.7	0.0	17.7	0.0	0.0	0.0	0.0
1020	NW 037 _e	0.375	0.375	0.375	0.0	17.7	0.0	17.7	0.0	0.0	0.0	0.0
1021	NW 050 _e	0.5	0.5	0.5	0.0	17.7	0.0	17.7	0.0	0.0	0.0	0.0
1022	NW 062 _e	0.625	0.625	0.625	0.0	17.7	0.0	17.7	0.0	0.0	0.0	0.0
1023	NW 075 _e	0.75	0.75	0.75	0.0	17.7	0.0	17.7	0.0	0.0	0.0	0.0
1024	NW 087 _e	0.875	0.875	0.875	0.0	17.7	0.0	17.7	0.0	0.0	0.0	0.0
1025	NW 100 _e	1.0	1.0	1.0	0.0	17.7	0.0	17.7	0.0	0.0	0.0	0.0
1026	NW 000 _e	0.0	0.0	0.0	0.0	17.7	0.0	17.7	0.0	0.0	0.0	0.0
1027	NW 012 _e	0.125	0.125	0.125	0.0	17.7	0.0	17.7	0.0	0.0	0.0	0.0
1028	NW 025 _e	0.25	0.25	0.25	0.0	17.7	0.0	17.7	0.0	0.0	0.0	0.0
1029	NW 037 _e	0.375	0.375	0.375	0.0	17.7	0.0	17.7	0.0	0.0	0.0	0.0
1030	NW 050 _e	0.5	0.5	0.5	0.0	17.7	0.0	17.7	0.0	0.0	0.0	0.0
1031	NW 062 _e	0.625	0.625	0.625	0.0	17.7	0.0	17.7	0.0	0.0	0.0	0.0
1032	NW 075 _e	0.75	0.75	0.75	0.0	17.7	0.0	17.7	0.0	0.0	0.0	0.0
1033	NW 087 _e	0.875	0.875	0.875	0.0	17.7	0.0	17.7	0.0	0.0	0.0	0.0
1034	NW 100 _e	1.0	1.0	1.0	0.0	17.7	0.0	17.7	0.0	0.0	0.0	0.0
1035	NW 000 _e	0.0	0.0	0.0	0.0	17.7	0.0	17.7	0.0	0.0	0.0	0.0
1036	NW 012 _e	0.125	0.125	0.125	0.0	17.7	0.0	17.7	0.0	0.0	0.0	0.0
1037	NW 025 _e	0.25	0.25	0.25	0.0	17.7	0.0	17.7	0.0	0.0	0.0	0.0
1038	NW 037 _e	0.375	0.375	0.375	0.0	17.7	0.0	17.7	0.0	0.0	0.0	0.0
1039	NW 050 _e	0.5	0.5	0.5	0.0	17.7	0.0	17.7	0.0	0.0	0.0	0.0
1040	NW 062 _e	0.625	0.625	0.625	0.0	17.7	0.0	17.7	0.0	0.0	0.0	0.0
1041	NW 075 _e	0.75	0.75	0.75	0.0	17.7	0.0	17.7	0.0	0.0	0.0	0.0
1042	NW 087 _e	0.875	0.875	0.875	0.0	17.7	0.0	17.7	0.0	0.0	0.0	0.0
1043	NW 100 _e	1.0	1.0	1.0	0.0	17.7	0.0	17.7	0.0	0.0	0.0	0.0
1044	NW 000 _e	0.0	0.0	0.0	0.0	17.7	0.0	17.7	0.0	0.0	0.0	0.0
1045	NW 012 _e	0.125	0.125	0.125	0.0	17.7	0.0	17.7	0.0	0.0	0.0	0.0
1046	NW 025 _e	0.25	0.25	0.25	0.0	17.7	0.0	17.7	0.0	0.0	0.0	0.0
1047	NW 037 _e	0.375	0.375	0.375	0.0	17.7	0.0	17.7	0.0	0.0	0.0	0.0
1048	NW 050 _e	0.5	0.5	0.5	0.0	17.7	0.0	17.7	0.0	0.0	0.0	0.0
1049	NW 062 _e	0.625	0.625	0.625	0.0	17.7	0.0	17.7	0.0	0.0	0.0	0.0
1050	NW 075 _e	0.75	0.75	0.75	0.0	17.7	0.0	17.7	0.0	0.0	0.0	0.0
1051	NW 087 _e	0.875	0.875	0.875	0.0	17.7	0.0	17.7	0.0	0.0	0.0	0.0
1052	NW 100 _e	1.0	1.0	1.0	0.0	17.7	0.0	17.7	0.0	0.0	0.0	0.0

delta E**= 5.5

TUB registrering: 20150701-QN15/QN15L0NA.TXT /.PS
anvendelse for måling av offsettrykk output, separasjon cmyn6 (CMYK)

TUB-material: code=rha4ta

se lignende filer: <http://130.149.60.45/~farbmetrik/QN15/QN15.HTM>
teknisk informasjon: <http://www.ps.bam.de> eller <http://130.149.60.45/~farbmetrik>

n	H* _{CC} *Fe	rgb_*Fe	LabCh*Fe	h ₅₄ *Fe	rgb*Fe	LabCh*Fe	h ₅₄ *Fe	rgb*Fe	LabCh*Fe	DF*Fe	h ₅₄ *e	rgb*Me	LabCh*Me
1053	NW_086e	0.866 0.866 0.866	0.866 0.866 0.866	360	0.866 0.866 0.866	85.0 0.0 0.0	360	0.866 0.866 0.866	89.4 -0.1 0.0	0.1 204.5 4.4	360	1.0 1.0 1.0	95.4 0.0 0.0
1054	NW_093e	0.933 0.933 0.933	0.933 0.933 0.933	360	0.933 0.933 0.933	90.2 0.0 0.0	360	0.933 0.933 0.933	92.2 0.0 0.0	0.0 177.8 1.9	360	1.0 1.0 1.0	95.4 0.0 0.0
1055	NW_100e	1.0 1.0 1.0	1.0 1.0 1.0	360	1.0 1.0 1.0	95.4 0.0 0.0	360	1.0 1.0 1.0	95.4 0.0 0.0	0.0 61.5 0.0	360	1.0 1.0 1.0	95.4 0.0 0.0
1056	NW_000e	0.0 0.0 0.0	0.0 0.0 0.0	360	0.0 0.0 0.0	0.0 0.0 0.0	360	0.0 0.0 0.0	0.0 0.0 0.0	0.1 96.3 1.0	360	1.0 1.0 1.0	95.4 0.0 0.0
1057	NW_006e	0.066 0.066 0.066	0.066 0.066 0.066	360	0.066 0.066 0.066	22.8 0.0 0.0	360	0.066 0.066 0.066	22.3 -0.1 0.0	0.1 151.6 0.5	360	1.0 1.0 1.0	95.4 0.0 0.0
1058	NW_013e	0.133 0.133 0.133	0.133 0.133 0.133	360	0.133 0.133 0.133	33.2 0.0 0.0	360	0.133 0.133 0.133	30.4 -0.2 -0.5	0.6 242.3 2.4	360	1.0 1.0 1.0	95.4 0.0 0.0
1059	NW_020e	0.2 0.2 0.2	0.2 0.2 0.2	360	0.2 0.2 0.2	33.2 0.0 0.0	360	0.2 0.2 0.2	30.4 -0.2 -0.5	0.6 242.3 2.4	360	1.0 1.0 1.0	95.4 0.0 0.0
1060	NW_026e	0.266 0.266 0.266	0.266 0.266 0.266	360	0.266 0.266 0.266	38.3 0.0 0.0	360	0.266 0.266 0.266	35.9 -0.4 -0.8	0.9 240.2 7.2	360	1.0 1.0 1.0	95.4 0.0 0.0
1061	NW_033e	0.333 0.333 0.333	0.333 0.333 0.333	360	0.333 0.333 0.333	43.6 0.0 0.0	360	0.333 0.333 0.333	40.4 -0.6 -0.8	0.8 234.3 8.6	360	1.0 1.0 1.0	95.4 0.0 0.0
1062	NW_040e	0.4 0.4 0.4	0.4 0.4 0.4	360	0.4 0.4 0.4	48.8 0.0 0.0	360	0.4 0.4 0.4	45.7 -0.4 -0.6	0.7 235.2 7.8	360	1.0 1.0 1.0	95.4 0.0 0.0
1063	NW_046e	0.466 0.466 0.466	0.466 0.466 0.466	360	0.466 0.466 0.466	53.9 0.0 0.0	360	0.466 0.466 0.466	51.9 -0.5 0.6	231.6 7.7	360	1.0 1.0 1.0	95.4 0.0 0.0
1064	NW_053e	0.533 0.533 0.533	0.533 0.533 0.533	360	0.533 0.533 0.533	59.1 0.0 0.0	360	0.533 0.533 0.533	57.0 -0.3 -0.4	0.5 233.5 7.3	360	1.0 1.0 1.0	95.4 0.0 0.0
1065	NW_060e	0.6 0.6 0.6	0.6 0.6 0.6	360	0.6 0.6 0.6	64.3 0.0 0.0	360	0.6 0.6 0.6	61.7 -0.3 -0.4	0.5 235.3 6.1	360	1.0 1.0 1.0	95.4 0.0 0.0
1066	NW_066e	0.666 0.666 0.666	0.666 0.666 0.666	360	0.666 0.666 0.666	69.5 0.0 0.0	360	0.666 0.666 0.666	67.7 -0.2 -0.3	0.2 221.2 4.9	360	1.0 1.0 1.0	95.4 0.0 0.0
1067	NW_073e	0.734 0.734 0.734	0.734 0.734 0.734	360	0.734 0.734 0.734	74.7 0.0 0.0	360	0.734 0.734 0.734	72.1 -0.2 -0.1	0.2 220.3 4.3	360	1.0 1.0 1.0	95.4 0.0 0.0
1068	NW_080e	0.8 0.8 0.8	0.8 0.8 0.8	360	0.8 0.8 0.8	79.9 0.0 0.0	360	0.8 0.8 0.8	78.4 -0.1 -0.1	0.1 220.3 4.3	360	1.0 1.0 1.0	95.4 0.0 0.0
1069	NW_086e	0.866 0.866 0.866	0.866 0.866 0.866	360	0.866 0.866 0.866	85.0 0.0 0.0	360	0.866 0.866 0.866	83.3 -0.1 0.0	0.0 125.8 2.0	360	1.0 1.0 1.0	95.4 0.0 0.0
1070	NW_093e	0.933 0.933 0.933	0.933 0.933 0.933	360	0.933 0.933 0.933	90.2 0.0 0.0	360	0.933 0.933 0.933	92.2 0.0 0.0	0.0 92.4 0.0	360	1.0 1.0 1.0	95.4 0.0 0.0
1071	NW_100e	1.0 1.0 1.0	1.0 1.0 1.0	360	1.0 1.0 1.0	95.4 0.0 0.0	360	1.0 1.0 1.0	95.4 0.0 0.0	0.5 78.4 2.3	360	1.0 1.0 1.0	95.4 0.0 0.0
1072	NW_000e	0.0 0.0 0.0	0.0 0.0 0.0	360	0.0 0.0 0.0	0.0 0.0 0.0	360	0.0 0.0 0.0	0.0 0.0 0.0	0.1 75.2 0.1	378	1.0 0.0 0.209	47.6 30.9 71.9
1073	RO0Y_100_100e	1.0 0.0 0.0	1.0 0.0 0.0	360	1.0 0.0 0.0	95.4 0.0 0.0	360	1.0 0.0 0.0	95.4 0.0 0.0	53.6 237.9 19.1	175	0.0 0.0 0.35	56.6 38.7 29.9
1074	RO0Y_100_100e	1.0 0.0 0.0	1.0 0.0 0.0	360	1.0 0.0 0.0	95.4 0.0 0.0	360	1.0 0.0 0.0	95.4 0.0 0.0	96.5 11.7 81	81	1.0 0.0 0.0	92.9 87.9 92.3
1075	Y00C_100_100e	0.0 1.0 0.0	0.0 1.0 0.0	360	0.0 1.0 0.0	0.0 95.4 0.0	360	0.0 1.0 0.0	0.0 95.4 0.0	25.3 25.1 74.6	25.3	0.0 0.374 0.0	37.9 1.3 25.4
1076	Y00C_100_100e	0.0 1.0 0.0	0.0 1.0 0.0	360	0.0 1.0 0.0	0.0 95.4 0.0	360	0.0 1.0 0.0	0.0 95.4 0.0	357.5 38.7 29.3	293	0.0 0.0 0.0	52.4 70.5 328.6
1077	B00R_100_100e	0.0 0.0 1.0	0.0 0.0 1.0	360	0.0 0.0 1.0	0.0 0.0 95.4	360	0.0 0.0 1.0	0.0 0.0 95.4	75.3 -3.2 75.3	75.3	0.407 0.0 1.0	34.8 49.2 -30.0
1078	B00R_100_100e	0.0 0.0 1.0	0.0 0.0 1.0	360	0.0 0.0 1.0	0.0 0.0 95.4	360	0.0 0.0 1.0	0.0 0.0 95.4	delta E** = 7.6			
1079	B50R_100_100e	1.0 0.0 1.0	1.0 0.0 1.0	360	1.0 0.0 1.0	34.8 49.2 -30.0	360	1.0 0.0 1.0	75.3 -3.2 75.3				

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QN150-7N_33/33-F

TUB-prøveplansje QN15; farbetoneplan: H*e=R50Ye
farger og fargeavstander, ΔE*

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