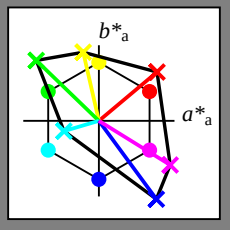
Input og output: Fjernsyn-Lysfarge-System sRGB (TLS00a)

Data for ethvert apparat (d) eller elementæfarge (e):
HIC–*
fargetonetekst for fargene på denne siden:
H–* = R00Y–, R25Y–, ..., B75R–

ORS20a; adapterte (a) CIELAB data

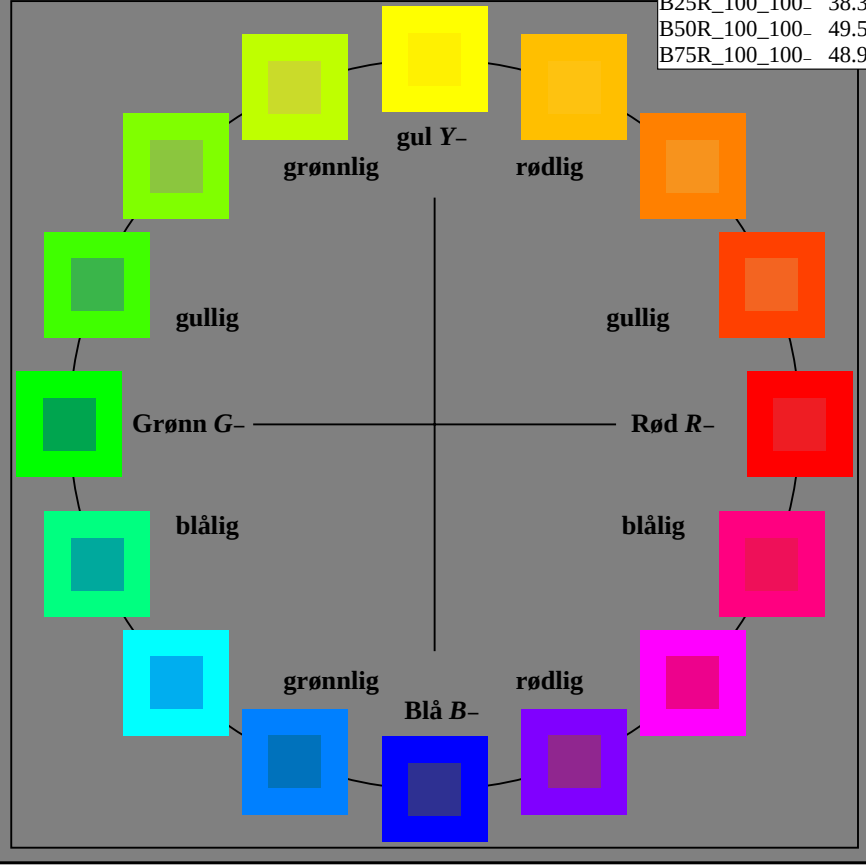
H–*	*L*=L*a*	*a*a*	*b*a*	*C*ab,a*	*h*ab,a*
R00Y_100_100–	48.4	66.1	40.2	77.3	31
R25Y_100_100–	56.8	48.0	50.5	69.6	46
R50Y_100_100–	68.6	25.0	63.9	68.6	68
R75Y_100_100–	80.6	4.8	77.2	77.3	86
Y00G_100_100–	90.2	−9.6	88.2	88.7	96
Y25G_100_100–	83.2	−18.4	79.9	81.9	102
Y50G_100_100–	73.3	−31.7	62.7	70.2	116
Y75G_100_100–	62.0	−49.7	43.2	65.8	139
G00B_100_100–	55.8	−65.2	33.8	73.4	152
G25B_100_100–	59.3	−50.3	−9.0	51.0	190
G50B_100_100–	63.0	−30.5	−42.0	51.9	234
G75B_100_100–	45.7	−5.7	−44.6	44.9	262
B00R_100_100–	27.5	25.9	−47.3	53.9	298
B25R_100_100–	38.3	52.6	−28.5	59.8	331
B50R_100_100–	49.5	73.5	−9.0	74.0	353
B75R_100_100–	48.9	69.3	12.9	70.4	10

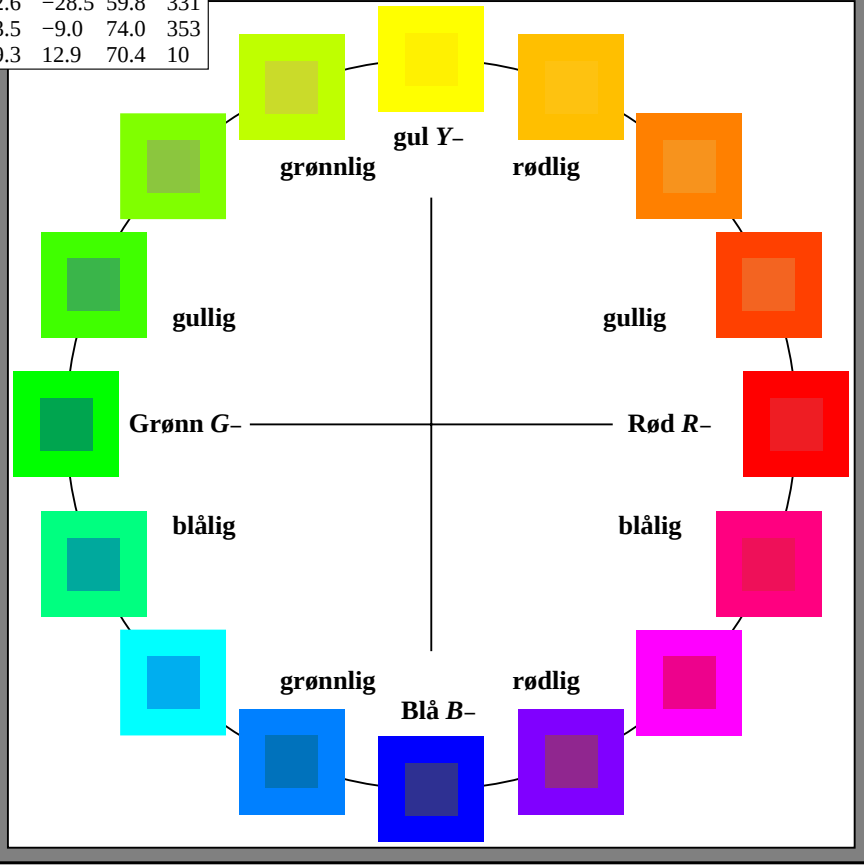


%Omfang
u^*_{rel} = 158
%Regularitet
$g^*_{H,rel}$ = 19
$g^*_{C,rel}$ = 37

sRGB (TLS00a); adapterte (a) CIELAB data

navn	*L*=L*a*	*a*a*	*b*a*	*C*ab,a*	*h*ab,a*
R–,Ma	50.5	76.9	64.5	100.4	40
Y–,Ma	92.6	−20.7	90.7	93.0	102
G–,Ma	83.6	−82.7	79.9	115.0	136
C–,Ma	86.8	−46.1	−13.5	48.1	196
B–,Ma	30.3	76.0	−103.6	128.5	306
M–,Ma	57.3	94.3	−58.4	110.9	328
N–,Ma	0.0	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





RN890−7N_RGB 5−103034−L0

TUB registrering: 20150701-RN89/RN89L0FP.PDF /.PS
anvendelse for måling av display output

TUB-material: code=rha4ta

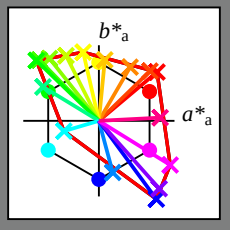
se lignende filer: http://130.149.60.45/~farbmetrik/RN89/RN89.HTM
teknisk informasjon: http://www.ps.bam.de eller http://130.149.60.45/~farbmetrik

Input og output: Fjernsyn-Lysfarge-System sRGB (TLS00a)

Data for ethvert apparat (d) eller elementæfarge (e):
***HIC**d**
fargetonetekst for fargene på denne siden:
***H**d = R00Yd, R25Yd, ..., B75Rd**

sRGB (TLS00a); adapterte (a) CIELAB data

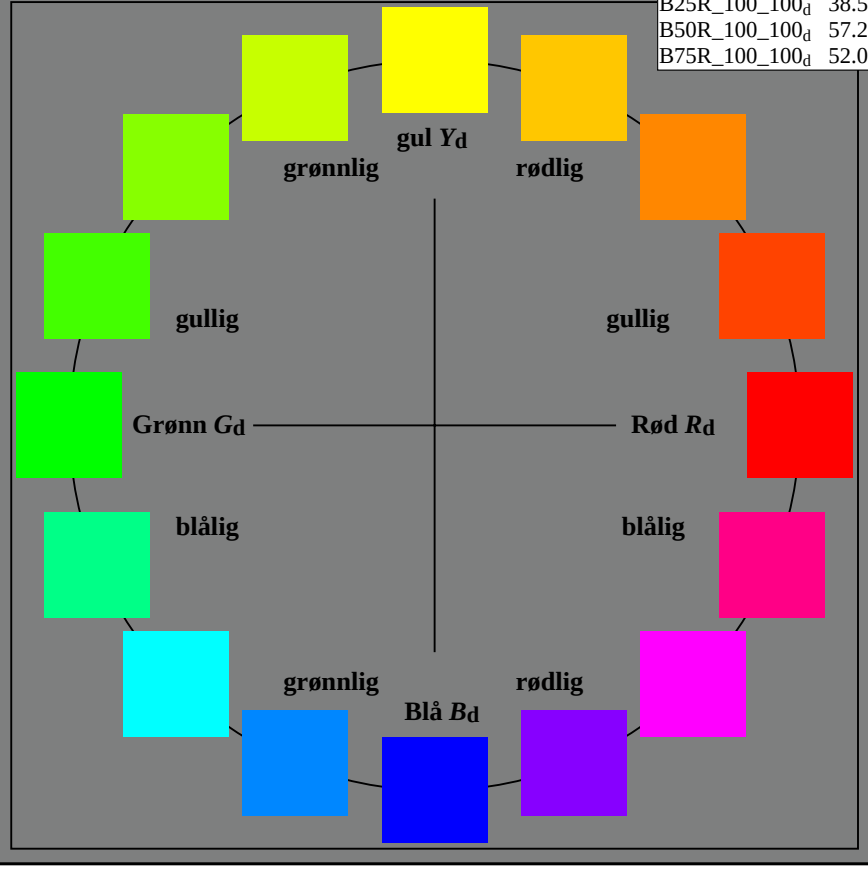
*H**d	*L**=*L**a	*a**a	*b**a	*C**ab,a	*h**ab,a
R00Y_100_100d	50.4	76.9	64.5	100.4	40
R25Y_100_100d	53.7	67.6	65.8	94.4	44
R50Y_100_100d	63.6	41.3	71.0	82.2	59
R75Y_100_100d	78.2	7.8	80.6	81.0	84
Y00G_100_100d	92.6	−20.7	90.7	93.0	102
Y25G_100_100d	88.7	−43.3	86.2	96.5	116
Y50G_100_100d	85.7	−65.2	82.4	105.1	128
Y75G_100_100d	84.0	−78.7	80.4	112.5	134
G00B_100_100d	83.6	−82.7	79.8	115.0	136
G25B_100_100d	84.3	−73.7	44.9	86.4	148
G50B_100_100d	86.8	−46.1	−13.5	48.1	196
G75B_100_100d	51.7	18.3	−68.3	70.7	285
B00R_100_100d	30.3	76.0	−103.5	128.5	306
B25R_100_100d	38.5	79.8	−89.7	120.0	311
B50R_100_100d	57.2	94.3	−58.4	110.9	328
B75R_100_100d	52.0	81.1	4.1	81.2	2

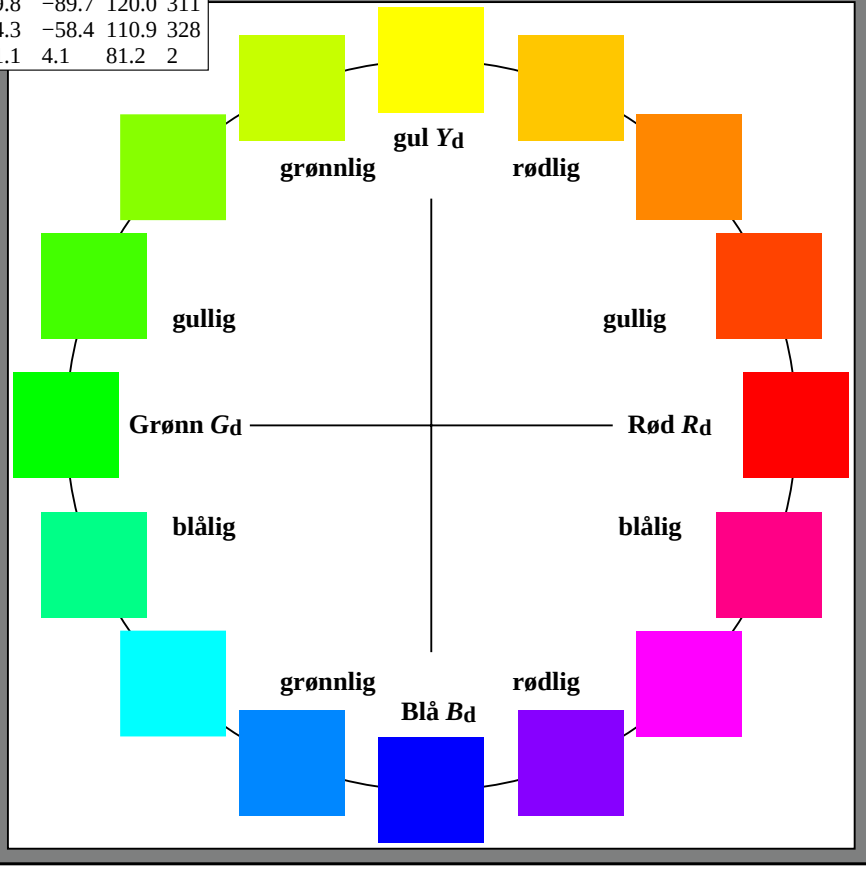


%Omfang
u*rel = 158
%Regularitet
g*H,rel = 19
g*C,rel = 37

sRGB (TLS00a); adapterte (a) CIELAB data

navn	*L**=*L**a	*a**a	*b**a	*C**ab,a	*h**ab,a
Rd,Ma	50.4	76.9	64.5	100.4	40
Yd,Ma	92.6	−20.7	90.7	93.0	102
Gd,Ma	83.6	−82.7	79.8	115.0	136
Cd,Ma	86.8	−46.1	−13.5	48.1	196
Bd,Ma	30.3	76.0	−103.5	128.5	306
Md,Ma	57.2	94.3	−58.4	110.9	328
Nd,Ma	0.0	0.0	0.0	0.0	0
Wd,Ma	95.4	0.0	0.0	0.0	0
Rd,CIE	39.9	58.7	27.9	65.0	25
Yd,CIE	81.2	−2.8	71.5	71.6	92
Gd,CIE	52.2	−42.4	13.6	44.5	162
Bd,CIE	30.5	1.4	−46.4	46.4	271





se lignende filer: http://130.149.60.45/~farbmetrik/RN89/RN89.HTM
teknisk informasjon: http://www.ps.bam.de eller http://130.149.60.45/~farbmetrik

TUB registrering: 20150701-RN89/RN89L0FP.PDF /.PS
anvendelse for måling av display output, ingen separasjon rgb* (RGB)
TUB-material: code=rha4ta

RN890−72 5−103134−L0

Input og output: Fjernsyn-Lysfarge-System sRGB (TLS00a)

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

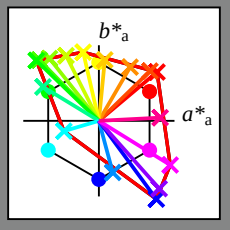
***HIC**$_d$**

fargetonetekst for fargene på denne siden:

***H**$_d$ = R00Y$_d$, R25Y$_d$, ..., B75R$_d$**

sRGB (TLS00a); adapterte (a) CIELAB data

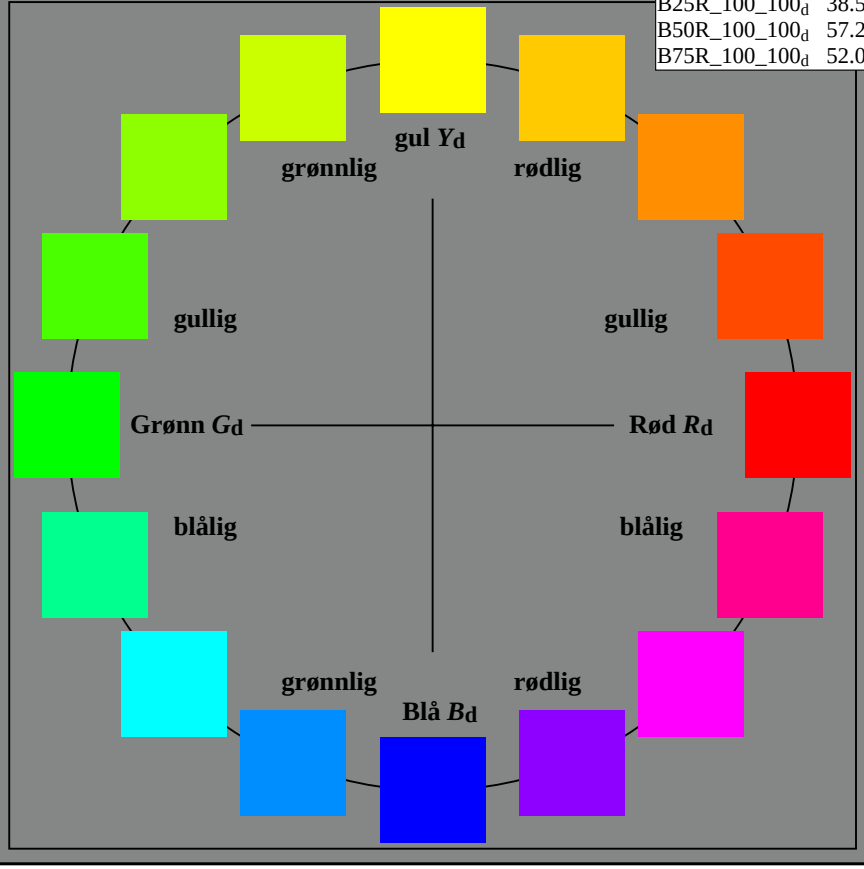
*H**$_d$	*L**=*L**$_a$	*a**$_a$	*b**$_a$	*C**$_{ab,a}$	*h**$_{ab,a}$
R00Y_100_100$_d$	50.4	76.9	64.5	100.4	40
R25Y_100_100$_d$	53.7	67.6	65.8	94.4	44
R50Y_100_100$_d$	63.6	41.3	71.0	82.2	59
R75Y_100_100$_d$	78.2	7.8	80.6	81.0	84
Y00G_100_100$_d$	92.6	−20.7	90.7	93.0	102
Y25G_100_100$_d$	88.7	−43.3	86.2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

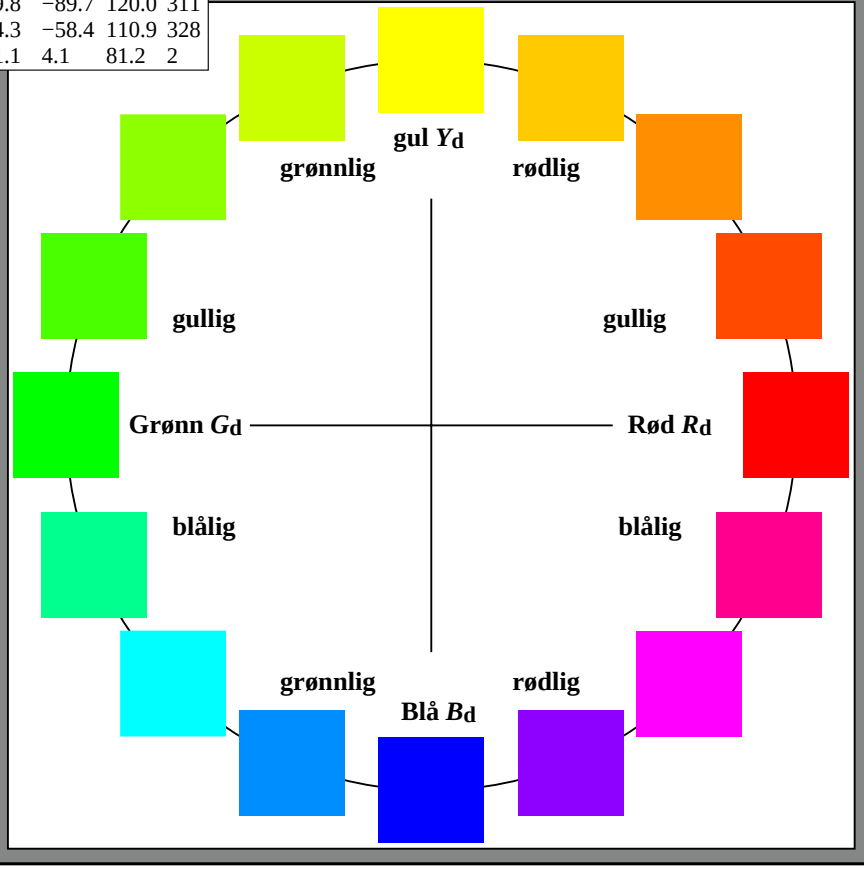


%Omfang
u*$_{rel}$ = 158
%Regularitet
g*$_{H,rel}$ = 19
g*$_{C,rel}$ = 37

sRGB (TLS00a); adapterte (a) CIELAB data

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





Input og output: Fjernsyn-Lysfarge-System sRGB (TLS00a)

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

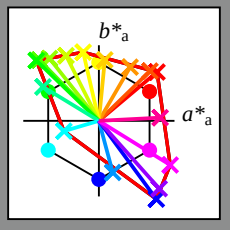
***HIC**d**

fargetonetekst for fargene på denne siden:

***H**d = R00Yd, R25Yd, ..., B75Rd**

sRGB (TLS00a); adapterte (a) CIELAB data

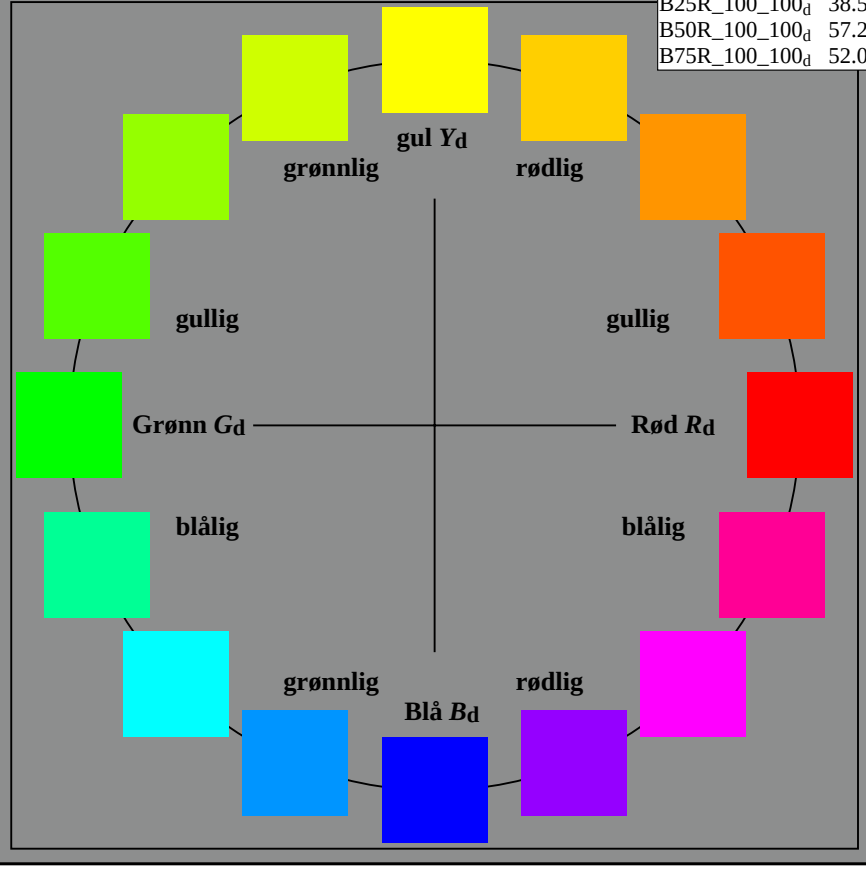
*H**d	*L**=*L**a	*a**a	*b**a	*C**ab,a	*h**ab,a
R00Y_100_100d	50.4	76.9	64.5	100.4	40
R25Y_100_100d	53.7	67.6	65.8	94.4	44
R50Y_100_100d	63.6	41.3	71.0	82.2	59
R75Y_100_100d	78.2	7.8	80.6	81.0	84
Y00G_100_100d	92.6	−20.7	90.7	93.0	102
Y25G_100_100d	88.7	−43.3	86.2	96.5	116
Y50G_100_100d	85.7	−65.2	82.4	105.1	128
Y75G_100_100d	84.0	−78.7	80.4	112.5	134
G00B_100_100d	83.6	−82.7	79.8	115.0	136
G25B_100_100d	84.3	−73.7	44.9	86.4	148
G50B_100_100d	86.8	−46.1	−13.5	48.1	196
G75B_100_100d	51.7	18.3	−68.3	70.7	285
B00R_100_100d	30.3	76.0	−103.5	128.5	306
B25R_100_100d	38.5	79.8	−89.7	120.0	311
B50R_100_100d	57.2	94.3	−58.4	110.9	328
B75R_100_100d	52.0	81.1	4.1	81.2	2

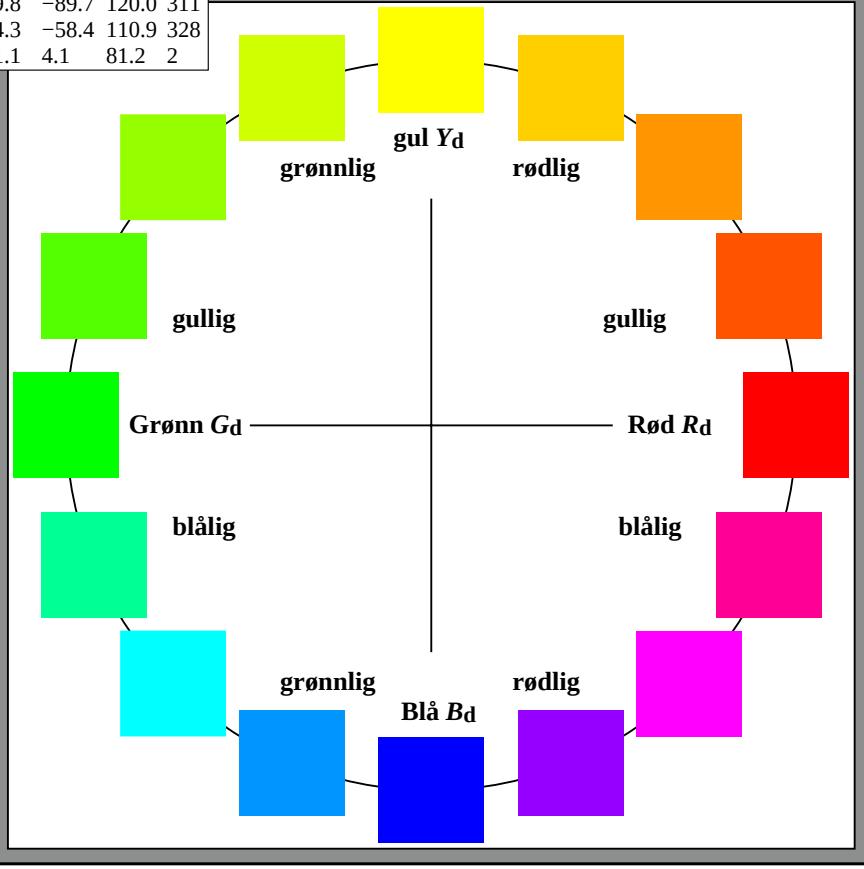


%Omfang
u*rel = 158
%Regularitet
g*H,rel = 19
g*C,rel = 37

sRGB (TLS00a); adapterte (a) CIELAB data

navn	*L**=*L**a	*a**a	*b**a	*C**ab,a	*h**ab,a
Rd,Ma	50.4	76.9	64.5	100.4	40
Yd,Ma	92.6	−20.7	90.7	93.0	102
Gd,Ma	83.6	−82.7	79.8	115.0	136
Cd,Ma	86.8	−46.1	−13.5	48.1	196
Bd,Ma	30.3	76.0	−103.5	128.5	306
Md,Ma	57.2	94.3	−58.4	110.9	328
Nd,Ma	0.0	0.0	0.0	0.0	0
Wd,Ma	95.4	0.0	0.0	0.0	0
Rd,CIE	39.9	58.7	27.9	65.0	25
Yd,CIE	81.2	−2.8	71.5	71.6	92
Gd,CIE	52.2	−42.4	13.6	44.5	162
Bd,CIE	30.5	1.4	−46.4	46.4	271





se lignende filer: http://130.149.60.45/~farbmetrik/RN89/RN89.HTM
teknisk informasjon: http://www.ps.bam.de eller http://130.149.60.45/~farbmetrik

TUB registrering: 20150701-RN89/RN89L0FP.PDF /.PS
anvendelse for måling av display output, ingen separasjon rgb* (RGB)
TUB-material: code=rha4ta

Input og output: Fjernsyn-Lysfarge-System sRGB (TLS00a)

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

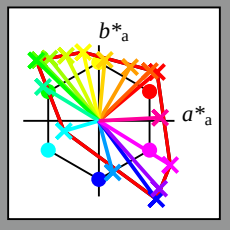
***HIC**d**

fargetonetekst for fargene på denne siden:

***H**d = R00Yd, R25Yd, ..., B75Rd**

sRGB (TLS00a); adapterte (a) CIELAB data

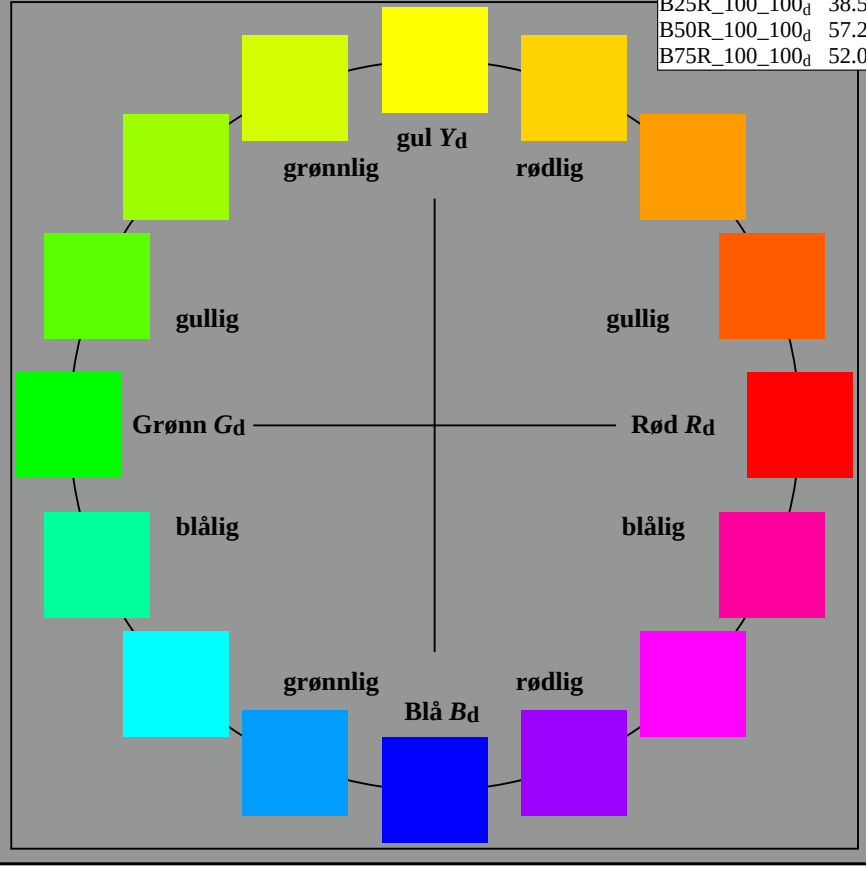
*H**d	*L**=*L**a	*a**a	*b**a	*C**ab,a	*h**ab,a
R00Y_100_100d	50.4	76.9	64.5	100.4	40
R25Y_100_100d	53.7	67.6	65.8	94.4	44
R50Y_100_100d	63.6	41.3	71.0	82.2	59
R75Y_100_100d	78.2	7.8	80.6	81.0	84
Y00G_100_100d	92.6	−20.7	90.7	93.0	102
Y25G_100_100d	88.7	−43.3	86.2	96.5	116
Y50G_100_100d	85.7	−65.2	82.4	105.1	128
Y75G_100_100d	84.0	−78.7	80.4	112.5	134
G00B_100_100d	83.6	−82.7	79.8	115.0	136
G25B_100_100d	84.3	−73.7	44.9	86.4	148
G50B_100_100d	86.8	−46.1	−13.5	48.1	196
G75B_100_100d	51.7	18.3	−68.3	70.7	285
B00R_100_100d	30.3	76.0	−103.5	128.5	306
B25R_100_100d	38.5	79.8	−89.7	120.0	311
B50R_100_100d	57.2	94.3	−58.4	110.9	328
B75R_100_100d	52.0	81.1	4.1	81.2	2

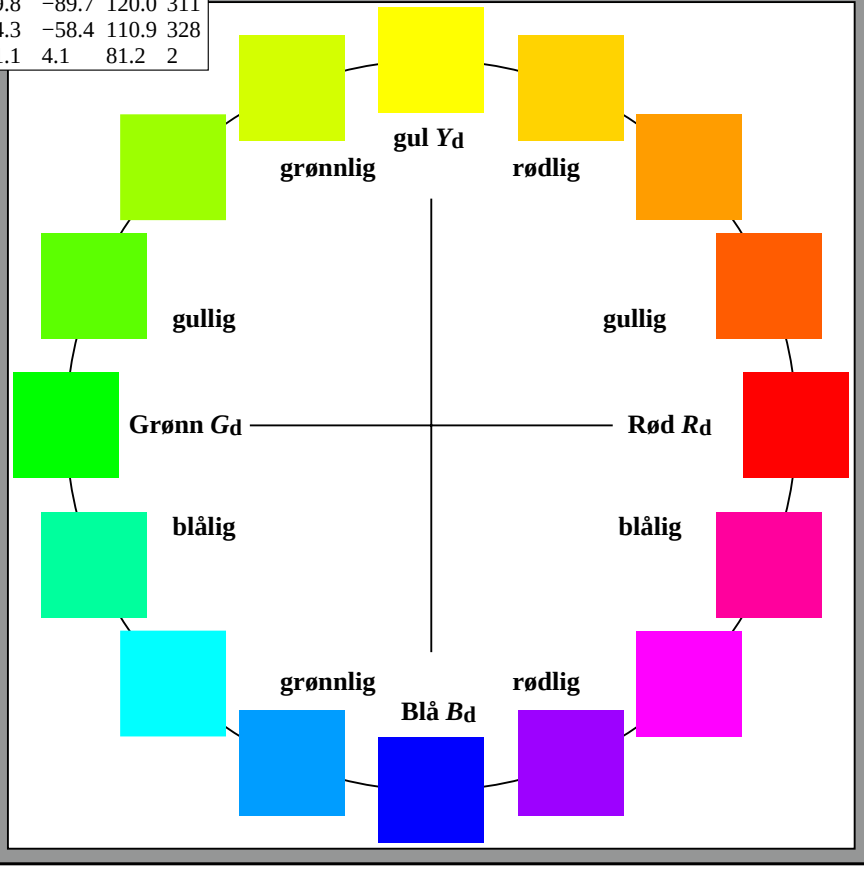


%Omfang
u*rel = 158
%Regularitet
g*H,rel = 19
g*C,rel = 37

sRGB (TLS00a); adapterte (a) CIELAB data

navn	*L**=*L**a	*a**a	*b**a	*C**ab,a	*h**ab,a
Rd,Ma	50.4	76.9	64.5	100.4	40
Yd,Ma	92.6	−20.7	90.7	93.0	102
Gd,Ma	83.6	−82.7	79.8	115.0	136
Cd,Ma	86.8	−46.1	−13.5	48.1	196
Bd,Ma	30.3	76.0	−103.5	128.5	306
Md,Ma	57.2	94.3	−58.4	110.9	328
Nd,Ma	0.0	0.0	0.0	0.0	0
Wd,Ma	95.4	0.0	0.0	0.0	0
Rd,CIE	39.9	58.7	27.9	65.0	25
Yd,CIE	81.2	−2.8	71.5	71.6	92
Gd,CIE	52.2	−42.4	13.6	44.5	162
Bd,CIE	30.5	1.4	−46.4	46.4	271





se lignende filer: http://130.149.60.45/~farbmetrik/RN89/RN89.HTM
teknisk informasjon: http://www.ps.bam.de eller http://130.149.60.45/~farbmetrik

TUB registrering: 20150701-RN89/RN89L0FP.PDF /.PS
anvendelse for måling av display output, ingen separasjon rgb* (RGB)
TUB-material: code=rha4ta

Input og output: Fjernsyn-Lysfarge-System sRGB (TLS00a)

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

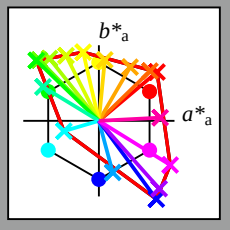
***HIC**d**

fargetonetekst for fargene på denne siden:

***H**d = R00Yd, R25Yd, ..., B75Rd**

sRGB (TLS00a); adapterte (a) CIELAB data

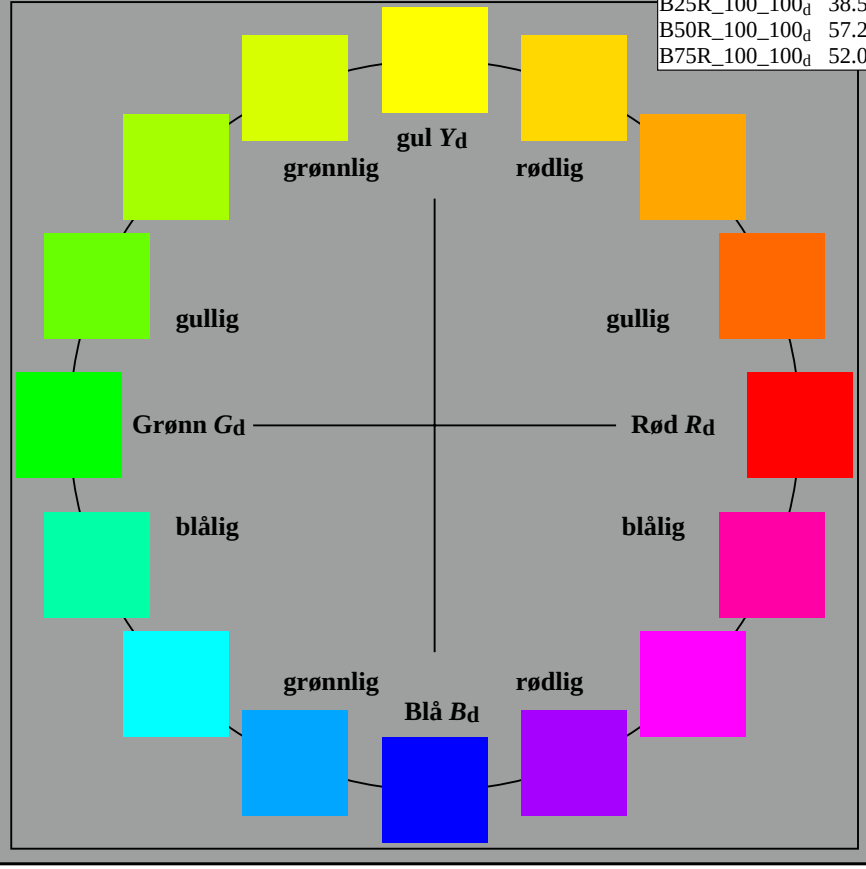
*H**d	*L**=*L**a	*a**a	*b**a	*C**ab,a	*h**ab,a
R00Y_100_100d	50.4	76.9	64.5	100.4	40
R25Y_100_100d	53.7	67.6	65.8	94.4	44
R50Y_100_100d	63.6	41.3	71.0	82.2	59
R75Y_100_100d	78.2	7.8	80.6	81.0	84
Y00G_100_100d	92.6	−20.7	90.7	93.0	102
Y25G_100_100d	88.7	−43.3	86.2	96.5	116
Y50G_100_100d	85.7	−65.2	82.4	105.1	128
Y75G_100_100d	84.0	−78.7	80.4	112.5	134
G00B_100_100d	83.6	−82.7	79.8	115.0	136
G25B_100_100d	84.3	−73.7	44.9	86.4	148
G50B_100_100d	86.8	−46.1	−13.5	48.1	196
G75B_100_100d	51.7	18.3	−68.3	70.7	285
B00R_100_100d	30.3	76.0	−103.5	128.5	306
B25R_100_100d	38.5	79.8	−89.7	120.0	311
B50R_100_100d	57.2	94.3	−58.4	110.9	328
B75R_100_100d	52.0	81.1	4.1	81.2	2

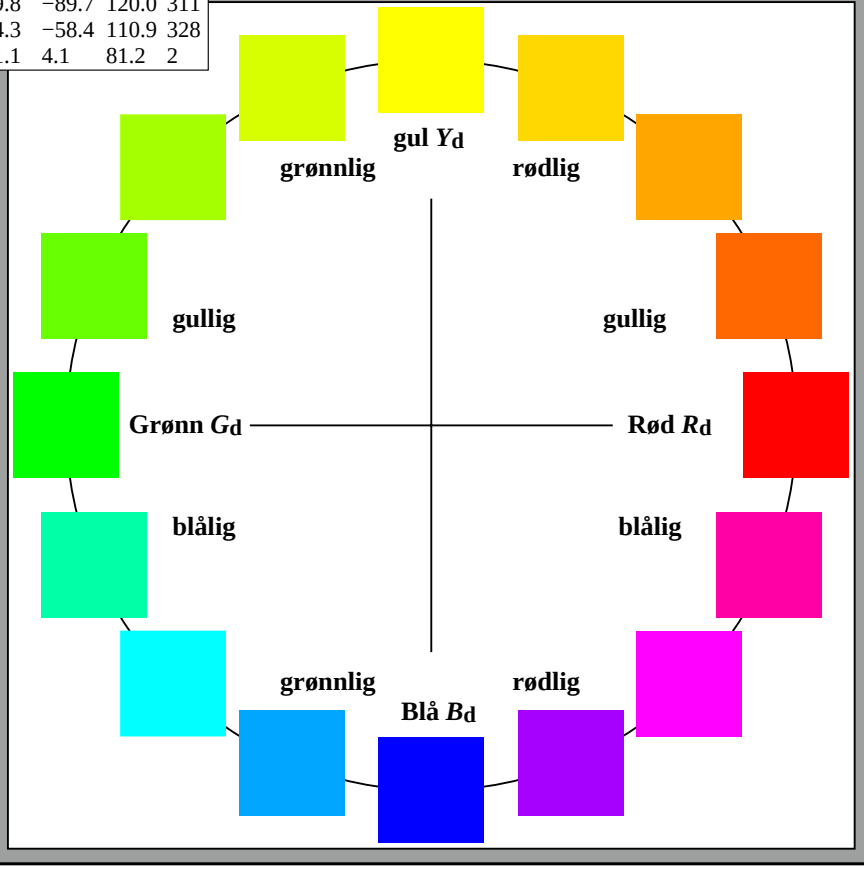


%Omfang
u*rel = 158
%Regularitet
g*H,rel = 19
g*C,rel = 37

sRGB (TLS00a); adapterte (a) CIELAB data

navn	*L**=*L**a	*a**a	*b**a	*C**ab,a	*h**ab,a
Rd,Ma	50.4	76.9	64.5	100.4	40
Yd,Ma	92.6	−20.7	90.7	93.0	102
Gd,Ma	83.6	−82.7	79.8	115.0	136
Cd,Ma	86.8	−46.1	−13.5	48.1	196
Bd,Ma	30.3	76.0	−103.5	128.5	306
Md,Ma	57.2	94.3	−58.4	110.9	328
Nd,Ma	0.0	0.0	0.0	0.0	0
Wd,Ma	95.4	0.0	0.0	0.0	0
Rd,CIE	39.9	58.7	27.9	65.0	25
Yd,CIE	81.2	−2.8	71.5	71.6	92
Gd,CIE	52.2	−42.4	13.6	44.5	162
Bd,CIE	30.5	1.4	−46.4	46.4	271

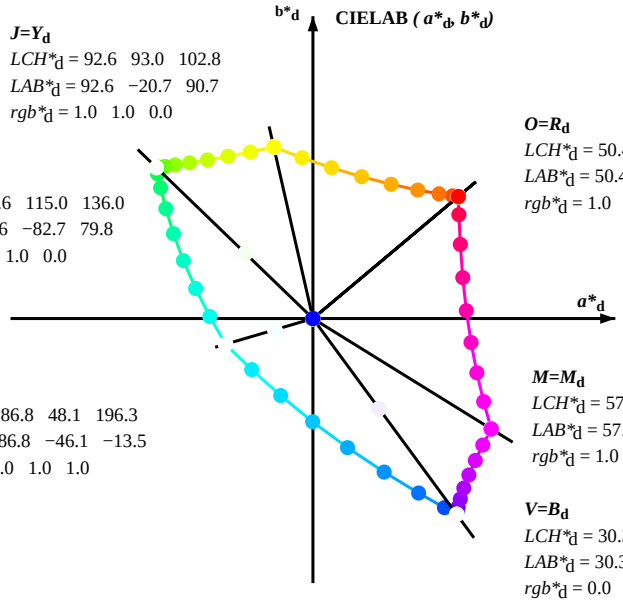




se lignende filer: http://130.149.60.45/~farbmetrik/RN89/RN89.HTM
teknisk informasjon: http://www.ps.bam.de eller http://130.149.60.45/~farbmetrik

TUB registrering: 20150701-RN89/RN89L0FP.PDF /.PS
anvendelse for måling av display output, ingen separasjon rgb* (RGB)
TUB-material: code=rha4ta

Data til maksimalfargen M in fargemetrisk system Offset standard print; separation cmyn6*, 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*$_d$: $h_{ab,d}$ = 40.0, 102.9, 136.0, 196.4, 306.3, 328.2; seks fargetonevinkler til elementærfargene *RYGCBM*$_e$: $h_{ab,e}$ = 25.5, 92.3, 162.2, 217.0, 271.7, 328.6



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

J=Y_d
LCH^*_d = 92.6 93.0 102.8
LAB^*_d = 92.6 −20.7 90.7
rgb^*_d = 1.0 1.0 0.0

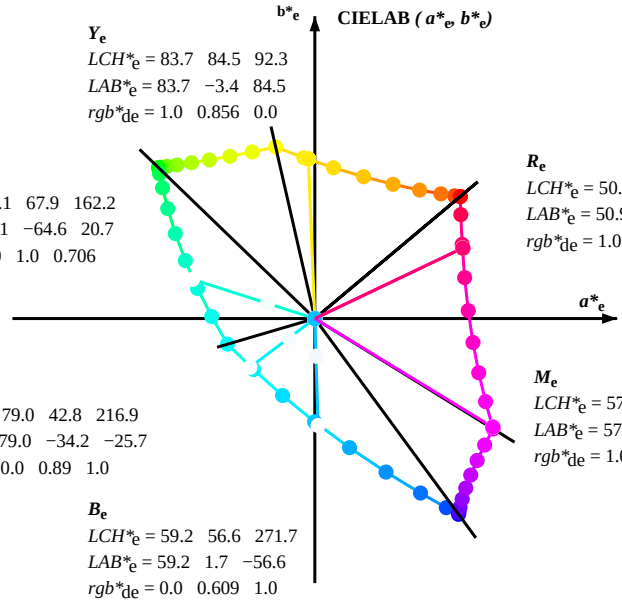
O=R_d
LCH^*_d = 50.4 100.4 40.0
LAB^*_d = 50.4 76.9 64.5
rgb^*_d = 1.0 0.0 0.0

L=G_d
LCH^*_d = 83.6 115.0 136.0
LAB^*_d = 83.6 −82.7 79.8
rgb^*_d = 0.0 1.0 0.0

M=M_d
LCH^*_d = 57.2 110.9 328.2
LAB^*_d = 57.2 94.3 −58.4
rgb^*_d = 1.0 0.0 1.0

C=C_d
LCH^*_d = 86.8 48.1 196.3
LAB^*_d = 86.8 −46.1 −13.5
rgb^*_d = 0.0 1.0 1.0

V=B_d
LCH^*_d = 30.3 128.5 306.2
LAB^*_d = 30.3 76.0 −103.5
rgb^*_d = 0.0 0.0 1.0



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

Y_e
LCH^*_e = 83.7 84.5 92.3
LAB^*_e = 83.7 −3.4 84.5
rgb^*_{de} = 1.0 0.856 0.0

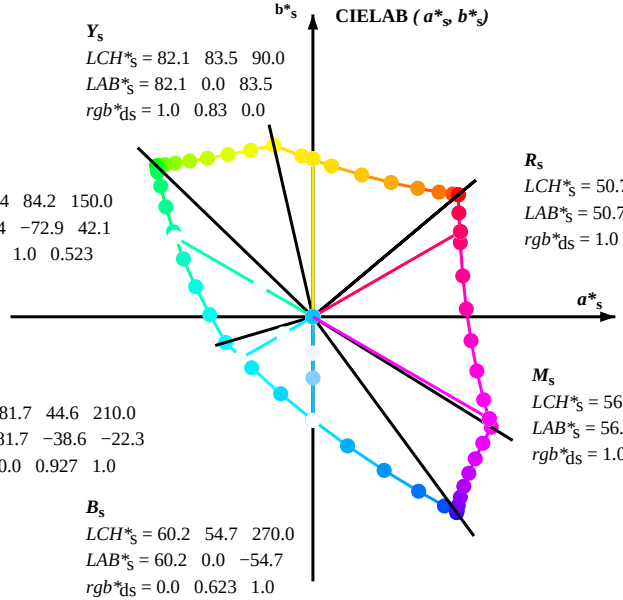
R_e
LCH^*_e = 50.9 86.7 25.4
LAB^*_e = 50.9 78.3 37.3
rgb^*_{de} = 1.0 0.0 0.263

G_e
LCH^*_e = 85.1 67.9 162.2
LAB^*_e = 85.1 −64.6 20.7
rgb^*_{de} = 0.0 1.0 0.706

M_e
LCH^*_e = 57.1 110.3 328.6
LAB^*_e = 57.1 94.1 −57.4
rgb^*_{de} = 1.0 0.0 0.991

C_e
LCH^*_e = 79.0 42.8 216.9
LAB^*_e = 79.0 −34.2 −25.7
rgb^*_{de} = 0.0 0.89 1.0

B_e
LCH^*_e = 59.2 56.6 271.7
LAB^*_e = 59.2 1.7 −56.6
rgb^*_{de} = 0.0 0.609 1.0



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

Y_s
LCH^*_s = 82.1 83.5 90.0
LAB^*_s = 82.1 0.0 83.5
rgb^*_{ds} = 1.0 0.83 0.0

R_s
LCH^*_s = 50.7 90.1 30.0
LAB^*_s = 50.7 78.0 45.0
rgb^*_{ds} = 1.0 0.0 0.202

G_s
LCH^*_s = 84.4 84.2 150.0
LAB^*_s = 84.4 −72.9 42.1
rgb^*_{ds} = 0.0 1.0 0.523

M_s
LCH^*_s = 56.7 107.7 330.0
LAB^*_s = 56.7 93.3 −53.8
rgb^*_{ds} = 1.0 0.0 0.962

C_s
LCH^*_s = 81.7 44.6 210.0
LAB^*_s = 81.7 −38.6 −22.3
rgb^*_{ds} = 0.0 0.927 1.0

B_s
LCH^*_s = 60.2 54.7 270.0
LAB^*_s = 60.2 0.0 −54.7
rgb^*_{ds} = 0.0 0.623 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

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

$h_{ab,s}$

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

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

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

$h_{ab,e}$

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

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

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

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

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 *RYGCBM*$_s$: $h_{ab,ds}$ = 30.0, 90.0, 150.0, 210.0, 270.0, 330.0; seks fargetonevinkler til apparatfargene *RYGCBM*$_d$: $h_{ab,d}$ = 40.0, 102.9, 136.0, 196.4, 306.3, 328.2; seks fargetonevinkler til elementærfargene *RYGCBM*$_e$: $h_{ab,e}$ = 25.5, 92.3, 162.2, 217.0, 271.7, 328.6

$h_{ab,d}$	$h_{ab,s}$	$h_{ab,e}$	*rgb**dd64M			*LAB**ddx64M (x=LabCh)					*rgb**ddx361M			*LAB**ddx361M (x=LabCh)					*rgb**dsx361M			*LAB**dsx361M (x=LabCh)					*rgb**dex361M			*LAB**dex361M					rgb*$_{dd}$ *rgb**$_{ds}$ *rgb**$_{de}$
40.0	30.0	25.4	1.0	0.0	0.0	50.4	76.9	64.5	100.4	40.0	1.0	0.0	0.0	50.5	76.9	64.6	100.4	40	1.0	0.0	0.203	50.8	78.0	45.1	90.1	30	1.0	0.0	0.263	50.9	78.3	37.3	86.7	25	
41.3	37.5	33.8	1.0	0.125	0.0	51.5	73.9	64.9	98.3	41.3	1.0	0.117	0.0	51.5	74.1	64.9	98.5	41	1.0	0.0	0.082	50.6	77.2	58.2	96.7	37	1.0	0.0	0.156	50.7	77.7	51.0	92.9	33	
44.6	45.0	42.1	1.0	0.25	0.0	54.0	66.7	65.9	93.8	44.6	1.0	0.25	0.0	54.1	66.7	66.0	93.8	44	1.0	0.256	0.0	54.3	66.1	66.1	93.5	45	1.0	0.157	0.0	52.2	72.0	65.3	97.2	42	
50.7	52.5	50.5	1.0	0.375	0.0	58.2	55.4	67.9	87.7	50.7	1.0	0.367	0.0	57.9	56.2	67.9	88.2	50	1.0	0.392	0.0	58.9	53.6	68.6	87.0	52	1.0	0.358	0.0	57.7	56.9	67.8	88.6	49	
59.7	60.0	58.8	1.0	0.5	0.0	63.6	41.3	71.0	82.2	59.7	1.0	0.5	0.0	63.7	41.4	71.0	82.2	59	1.0	0.502	0.0	63.8	41.1	71.2	82.2	60	1.0	0.488	0.0	63.1	42.8	70.9	82.8	58	
71.0	67.5	67.2	1.0	0.625	0.0	70.1	25.7	75.0	79.3	71.0	1.0	0.617	0.0	69.7	26.8	74.9	79.6	70	1.0	0.58	0.0	67.8	31.4	74.0	80.4	67	1.0	0.577	0.0	67.6	31.8	73.9	80.5	66	
82.9	75.0	75.6	1.0	0.75	0.0	77.2	9.8	79.7	80.4	82.9	1.0	0.75	0.0	77.2	9.8	79.8	80.4	82	1.0	0.667	0.0	72.5	20.6	77.0	79.7	75	1.0	0.673	0.0	72.8	19.8	77.3	79.8	75	
93.8	82.5	83.9	1.0	0.875	0.0	84.8	−5.7	85.0	85.2	93.8	1.0	0.867	0.0	84.3	−4.6	84.8	85.0	93	1.0	0.74	0.0	76.7	11.2	79.5	80.3	82	1.0	0.755	0.0	77.5	9.3	80.1	80.6	83	
102.8	90.0	92.3	1.0	1.0	0.0	92.6	−20.7	90.7	93.0	102.8	1.0	1.0	0.0	92.7	−20.6	90.8	93.1	102	1.0	0.831	0.0	82.1	0.0	83.5	83.5	90	1.0	0.857	0.0	83.7	−3.3	84.5	84.6	92	
110.5	97.5	101.0	0.875	1.0	0.0	90.4	−33.1	88.1	94.1	110.5	0.883	1.0	0.0	90.6	−32.2	88.4	94.1	110	1.0	0.918	0.0	87.5	−10.6	87.3	88.0	97	1.0	0.967	0.0	90.6	−16.4	89.5	91.0	100	
117.6	105.0	109.7	0.75	1.0	0.0	88.5	−44.9	85.8	96.8	117.6	0.75	1.0	0.0	88.5	−44.8	85.8	96.9	117	0.965	1.0	0.0	92.0	−24.1	90.2	93.4	105	0.888	1.0	0.0	90.7	−31.7	88.5	94.0	109	
123.6	112.5	118.5	0.625	1.0	0.0	86.9	−55.8	83.9	100.7	123.6	0.633	1.0	0.0	87.1	−55.0	84.1	100.5	123	0.85	1.0	0.0	90.1	−35.4	87.8	94.7	112	0.743	1.0	0.0	88.5	−45.4	85.8	97.1	117	
128.3	120.0	127.2	0.5	1.0	0.0	85.7	−65.2	82.4	105.1	128.3	0.5	1.0	0.0	85.7	−65.1	82.4	105.1	128	0.7	1.0	0.0	87.9	−49.1	85.3	98.4	120	0.529	1.0	0.0	86.0	−62.9	82.9	104.1	127	
131.8	127.5	136.0	0.375	1.0	0.0	84.7	−72.8	81.2	109.1	131.8	0.383	1.0	0.0	84.8	−72.2	81.4	108.9	131	0.536	1.0	0.0	86.1	−62.4	83.0	103.9	127	0.132	1.0	0.0	83.8	−81.2	80.1	114.1	135	
134.1	135.0	144.7	0.25	1.0	0.0	84.1	−78.2	80.5	112.2	134.1	0.25	1.0	0.0	84.1	−78.2	80.5	112.3	134	0.173	1.0	0.0	83.9	−80.2	80.3	113.5	135	0.0	1.0	0.41	84.1	−76.8	54.3	94.1	144	
135.5	142.5	153.4	0.125	1.0	0.0	83.7	−81.4	80.0	114.2	135.5	0.133	1.0	0.0	83.8	−81.2	80.1	114.1	135	0.0	1.0	0.335	83.9	−78.7	61.6	100.0	142	0.0	1.0	0.573	84.6	−70.9	36.3	79.8	152	
136.0	150.0	162.2	0.0	1.0	0.0	83.6	−82.7	79.8	115.0	136.0	0.0	1.0	0.0	83.6	−82.7	79.9	115.0	136	0.0	1.0	0.523	84.4	−72.9	42.1	84.3	150	0.0	1.0	0.706	85.2	−64.6	20.7	67.9	162	
137.0	157.5	169.0	0.0	1.0	0.125	83.6	−82.1	76.6	112.3	137.0	0.0	1.0	0.117	83.7	−82.1	76.8	112.5	136	0.0	1.0	0.639	84.9	−67.8	28.8	73.8	157	0.0	1.0	0.778	85.5	−60.6	12.2	61.9	168	
139.3	165.0	175.9	0.0	1.0	0.25	83.8	−80.5	69.1	106.1	139.3	0.0	1.0	0.25	83.8	−80.5	69.1	106.2	139	0.0	1.0	0.742	85.3	−62.5	16.8	64.8	165	0.0	1.0	0.847	85.9	−56.4	4.0	56.7	175	
143.2	172.5	182.7	0.0	1.0	0.375	84.0	−77.8	58.1	97.1	143.2	0.0	1.0	0.367	84.0	−77.9	58.9	97.7	142	0.0	1.0	0.81	85.7	−58.8	8.3	59.5	172	0.0	1.0	0.9	86.2	−53.2	−2.0	53.3	182	
148.6	180.0	189.6	0.0	1.0	0.5	84.3	−73.7	44.9	86.4	148.6	0.0	1.0	0.5	84.3	−73.7	45.0	86.4	148	0.0	1.0	0.883	86.1	−54.1	0.0	54.2	180	0.0	1.0	0.952	86.6	−49.8	−8.3	50.6	189	
155.8	187.5	196.4	0.0	1.0	0.625	84.7	−68.5	30.6	75.0	155.8	0.0	1.0	0.617	84.8	−68.8	31.5	75.8	155	0.0	1.0	0.933	86.4	−51.1	−6.2	51.6	187	0.0	1.0	0.997	86.9	−46.3	−13.2	48.3	195	
165.6	195.0	203.2	0.0	1.0	0.75	85.3	−62.0	15.9	64.0	165.6	0.0	1.0	0.75	85.4	−62.0	15.9	64.1	165	0.0	1.0	0.99	86.8	−46.9	−12.5	48.6	195	0.0	0.963	1.0	84.3	−42.5	−18.2	46.4	203	
178.8	202.5	210.1	0.0	1.0	0.875	86.0	−54.5	1.0	54.5	178.8	0.0	1.0	0.867	86.0	−55.1	2.0	55.2	177	0.0	0.97	1.0	84.7	−43.2	−17.4	46.7	202	0.0	0.929	1.0	81.8	−38.8	−22.1	44.7	209	
196.3	210.0	216.9	0.0	1.0	1.0	86.8	−46.1	−13.5	48.1	196.3	0.0	1.0	1.0	86.9	−46.1	−13.5	48.1	196	0.0	0.927	1.0	81.7	−38.6	−22.2	44.7	210	0.0	0.89	1.0	79.1	−34.2	−25.7	42.9	216	
219.8	217.5	223.8	0.0	0.875	1.0	77.9	−32.3	−27.0	42.1	219.8	0.0	0.883	1.0	78.6	−33.3	−26.3	42.6	218	0.0	0.89	1.0	79.1	−34.1	−25.7	42.9	217	0.0	0.859	1.0	76.9	−30.7	−29.0	42.4	223	
247.2	225.0	230.6	0.0	0.75	1.0	69.1	−17.0	−40.7	44.1	247.2	0.0	0.75	1.0	69.1	−17.0	−40.6	44.2	247	0.0	0.851	1.0	76.3	−30.0	−30.0	42.5	225	0.0	0.826	1.0	74.5	−27.1	−33.1	43.0	230	
269.8	232.5	237.5	0.0	0.625	1.0	60.3	−0.1	−54.6	54.6	269.8	0.0	0.633	1.0	60.9	−1.5	−53.8	53.9	268	0.0	0.82	1.0	74.1	−26.4	−33.8	43.1	232	0.0	0.797	1.0	72.4	−23.5	−36.3	43.4	237	
285.0	240.0	244.3	0.0	0.5	1.0	51.7	18.3	−68.3	70.7	285.0	0.0	0.5	1.0	51.8	18.3	−68.2	70.7	285	0.0	0.783	1.0	71.5	−21.7	−37.7	43.6	240	0.0	0.763	1.0	70.1	−18.9	−39.5	44.0	244	
294.8	247.5	251.2	0.0	0.375	1.0	43.8	37.6	−81.2	89.5	294.8	0.0	0.383	1.0	44.4	36.2	−80.4	88.3	294	0.0	0.751	1.0	69.2	−17.2	−40.6	44.2	247	0.0	0.731	1.0	67.8	−15.0	−43.1	45.8	250	
301.1	255.0	258.0	0.0	0.25	1.0	37.1	55.9	−92.3	107.9	301.1	0.0	0.25	1.0	37.2	55.9	−92.2	107.9	301	0.0	0.707	1.0	66.1	−12.3	−46.0	47.8	255	0.0	0.69	1.0	64.9	−10.1	−48.0	49.2	258	
304.8	262.5	264.8	0.0	0.125	1.0	32.4	69.5	−100.0	121.8	304.8	0.0	0.133	1.0	32.8	68.6	−99.5	121.0	304	0.0	0.668	1.0	63.4	−7.0	−50.4	51.0	262	0.0	0.655	1.0	62.4	−5.0	−51.8	52.1	264	
306.2	270.0	271.7	0.0	0.0	1.0	30.3	76.0	−103.5	128.5	306.2	0.0	0.0	1.0	30.4	76.1	−103.5	128.5	306	0.0	0.624	1.0	60.2	0.0	−54.7	54.8	270	0.0	0.609	1.0	59.3	1.7	−56.5	56.6	271	
306.6	277.5	278.8	0.125	0.0	1.0	31.0	76.2	−102.4	127.7	306.6	0.117	0.0	1.0	31.0	76.3	−102.5	127.8	306	0.0	0.566	1.0	56.3	7.6	−61.7	62.2	277	0.0	0.555	1.0	55.5	9.3	−62.9	63.7	278	
307.5	285.0	285.9	0.25	0.0	1.0	32.6	76.8	−99.8	125.9	307.5	0.25	0.0	1.0	32.6	76.8	−99.7	126.0	307	0.0	0.5	1.0	51.8	18.3	−68.2	70.7	285	0.0	0.488	1.0	51.0	19.9	−69.6	72.5	285	
309.2	292.5	293.0	0.375	0.0	1.0	35.1	77.9	−95.5	123.3	309.2	0.367	0.0	1.0	35.0	77.9	−95.7	123.5	309	0.0	0.412	1.0	46.2	31.5	−77.8	84.1	292	0.0	0.404	1.0	45.7	32.7	−78.5	85.2	292	
311.6	300.0	300.1	0.5	0.0	1.0	38.5	79.8	−89.7	120.0	311.6	0.5	0.0	1.0	38.6	79.9	−89.6	120.1	311	0.0	0.274	1.0	38.4	52.2	−90.4	104.5	300	0.0	0.27	1.0	38.2	52.8	−90.6	105.0	300	
314.8	307.5	307.2	0.625	0.0	1.0	42.7	82.5	−82.7	116.8	314.8	0.617	0.0	1.0	42.4	82.3	−83.2	117.1	314	0.172	0.0	1.0	31.6	76.5	−101.4	127.1	307	0.146	0.0	1.0	31.3	76.4	−102.0	127.5	306	
318.8	315.0	314.3	0.75	0.0	1.0	47.2	85.8	−75.1	114.0	318.8	0.75	0.0	1.0	47.3	85.9	−75.0	114.1	318	0.628	0.0	1.0	42.8	82.6	−82.5	116.8	315	0.605	0.0	1.0	42.1	82.1	−83.8	117.4	314	
323.3	322.5	321.4	0.875	0.0	1.0	52.1	89.8	−66.9	112.0	323.3	0.867	0.0	1.0	51.9	89.6	−67.4	112.2	323	0.838	0.0	1.0	50.7	88.8	−69.3	112.7	322	0.811	0.0	1.0	49.7	87.9	−71.0	113.1	321	
328.2	330.0	328.6	1.0	0.0	1.0	57.2	94.3	−58.4	110.9	328.2	1.0	0.0	1.0	57.3	94.4	−58.3	111.0	328	1.0	0.0	0.962	56.8	93.4	−53.8	107.8	330	1.0	0.0	0.992	57.2	94.2	−57.4	110.3	328	
334.0	337.5	335.7	1.0	0.0	0.875	55.6	90.3	−43.9	100.4	334.0	1.0	0.0	0.883	55.8	90.7	−44.8	101.1	333	1.0	0.0	0.827	55.1	89.2	−37.8	96.9	337	1.0	0.0	0.856	55.4	89.9	−41.4	99.0	335	
341.6	345.0	342.8	1.0	0.0	0.75	54.2	86.7	−28.6	91.3	341.6	1.0	0.0	0.75	54.2	86.7	−28.6	91.4	341	1.0	0.0	0.707	53.8	86.0	−23.0	89.1	345	1.0	0.0	0.735	54.1	86.5	−26.6	90.6	342	
351.4	352.5	349.9	1.0	0.0	0.625	53.0	83.6	−12.6	84.6	351.4	1.0	0.0	0.633	53.1	84.0	−13.6	85.1	350	1.0	0.0	0.619	53.0	83.6	−11.7	84.4	352	1.0	0.0	0.65	53.3	84.5	−15.6	86.0	349	
362.9	360.0	357.0	1.0	0.0	0.5	52.0	81.1	4.1	81.2	362.9	1.0	0.0	0.5	52.1	81.2	4.2	81.3	362	1.0	0.0	0.532	52.3	82.1	0.0	82.1	360	1.0	0.0	0.618	53.0	83.6	−11.6	84.4	352	
375.2	367.5	364.1	1.0	0.0	0.375	51.3	79.2	21.6	82.1	375.2	1.0	0.0	0.383	51.4	79.5	20.5	82.1	374	1.0	0.0	0.459	51.8	81.0	9.9	81.6	367	1.0	0.0	0.533	52.3	82.2	−0.1	82.2	359	
386.7	375.0	371.2	1.0	0.0	0.25	50.8	77.9	39.2	87.2	386.7	1.0	0.0	0.25	50.9	78.0	39.2	87.3	386	1.0	0.0	0.378	51.4	79.4	21.3	82.2	375	1.0	0.0	0.441	51.7	80.7	12.5	81.7	368	
395.4	382.5	378.3	1.0	0.0	0.125	50.6	77.2	54.9	94.8	395.4	1.0	0.0	0.133	50.6	77.4	53.9	94.3	394	1.0	0.0	0.301	51.1	79.0	31.9	85.2	382	1.0	0.0	0.361	51.3	79.3	23.6	82.8	376	
400.0	390.0	385.4	1.0	0.0	0.0	50.4	76.9	64.5	100.4	400.0	1.0	0.0	0.0	50.5	76.9	64.6	100.4	400	1.0	0.0	0.203	50.8	78.0	45.1	90.1	390	1.0	0.0	0.263	50.9	78.3	37.3	86.7	385	

RN890−72 5−103734−L0 LAB*la0, YN=0%, XYZnw=0.0, 0.0, 0.0, 84.2, 88.6, 96.5, LAB*nw=0.0, 0.0, 0.0, 95.4, 0.0, 0.0 output: Offset standard print; separation cmyn6*, D65, side 8/33

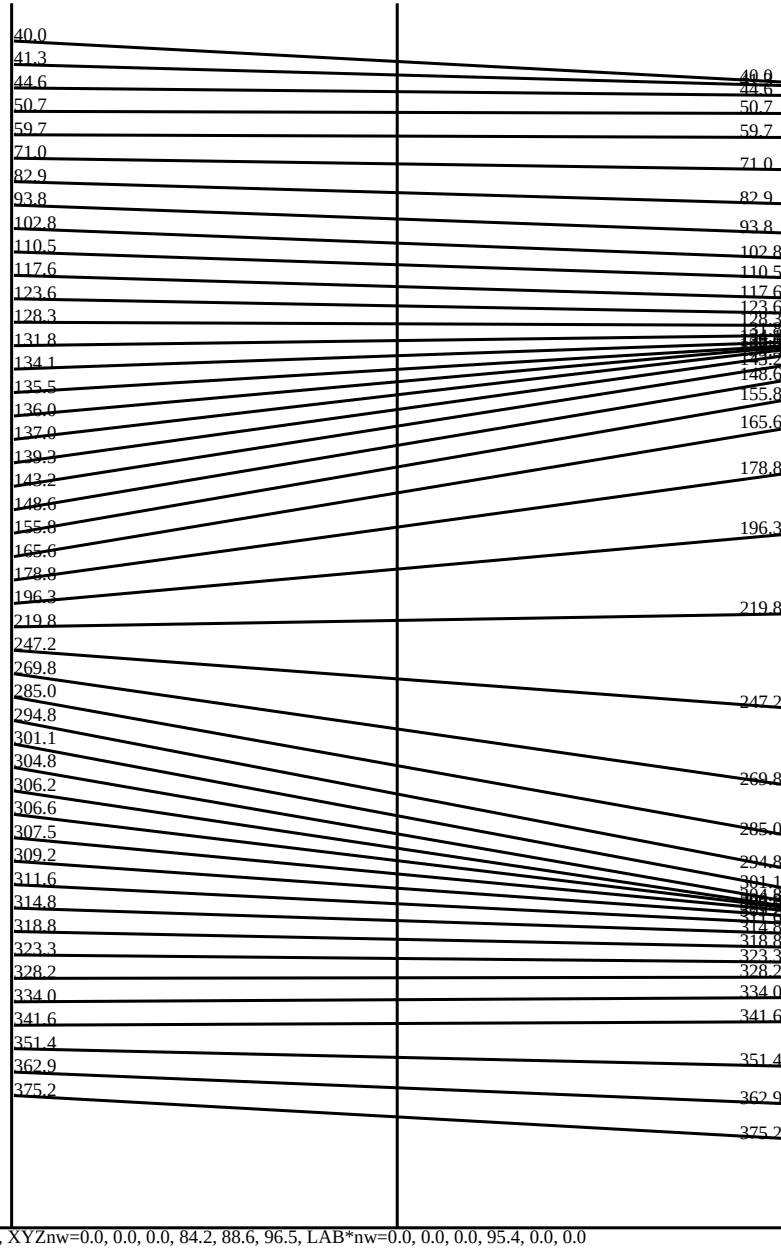
5−103734−F0

TUB-prøveplansje RN89; 16-trinns fargetonesirkel, *cf*=1
48-trinns fargetonesirkel; *rgb*−*LabCh**tabeller

input: *rgb/cmyk* −> *rgb*$_{dd}$
output: 3D-linearisering til *rgb**$_{dd}$

Data til maksimalfargen M in fargemetrisk system Offset standard print; separation cmyn6*, 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*$_d$: $h_{ab,d}$ = 40.0, 102.9, 136.0, 196.4, 306.3, 328.2; seks fargetonevinkler til elementærfargene *RYGCBM*$_e$: $h_{ab,e}$ = 25.5, 92.3, 162.2, 217.0, 271.7, 328.6

$h_{ab,d}$	$h_{ab,s}$	$h_{ab,e}$	*rgb** dd64M			*LAB** ddx64M (x=LabCh)				
40.0	30.0	25.4	1.0	0.0	0.0	50.4	76.9	64.5	100.4	40.0
41.3	37.5	33.8	1.0	0.125	0.0	51.5	73.9	64.9	98.3	41.3
44.6	45.0	42.1	1.0	0.25	0.0	54.0	66.7	65.9	93.8	44.6
50.7	52.5	50.5	1.0	0.375	0.0	58.2	55.4	67.9	87.7	50.7
59.7	60.0	58.8	1.0	0.5	0.0	63.6	41.3	71.0	82.2	59.7
71.0	67.5	67.2	1.0	0.625	0.0	70.1	25.7	75.0	79.3	71.0
82.9	75.0	75.6	1.0	0.75	0.0	77.2	9.8	79.7	80.4	82.9
93.8	82.5	83.9	1.0	0.875	0.0	84.8	−5.7	85.0	85.2	93.8
102.8	90.0	92.3	1.0	1.0	0.0	92.6	−20.7	90.7	93.0	102.8
110.5	97.5	101.0	0.875	1.0	0.0	90.4	−33.1	88.1	94.1	110.5
117.6	105.0	109.7	0.75	1.0	0.0	88.5	−44.9	85.8	96.8	117.6
123.6	112.5	118.5	0.625	1.0	0.0	86.9	−55.8	83.9	100.7	123.6
128.3	120.0	127.2	0.5	1.0	0.0	85.7	−65.2	82.4	105.1	128.3
131.8	127.5	136.0	0.375	1.0	0.0	84.7	−72.8	81.2	109.1	131.8
134.1	135.0	144.7	0.25	1.0	0.0	84.1	−78.2	80.5	112.2	134.1
135.5	142.5	153.4	0.125	1.0	0.0	83.7	−81.4	80.0	114.2	135.5
136.0	150.0	162.2	0.0	1.0	0.0	83.6	−82.7	79.8	115.0	136.0
137.0	157.5	169.0	0.0	1.0	0.125	83.6	−82.1	76.6	112.3	137.0
139.3	165.0	175.9	0.0	1.0	0.25	83.8	−80.5	69.1	106.1	139.3
143.2	172.5	182.7	0.0	1.0	0.375	84.0	−77.8	58.1	97.1	143.2
148.6	180.0	189.6	0.0	1.0	0.5	84.3	−73.7	44.9	86.4	148.6
155.8	187.5	196.4	0.0	1.0	0.625	84.7	−68.5	30.6	75.0	155.8
165.6	195.0	203.2	0.0	1.0	0.75	85.3	−62.0	15.9	64.0	165.6
178.8	202.5	210.1	0.0	1.0	0.875	86.0	−54.5	1.0	54.5	178.8
196.3	210.0	216.9	0.0	1.0	1.0	86.8	−46.1	−13.5	48.1	196.3
219.8	217.5	223.8	0.0	0.875	1.0	77.9	−32.3	−27.0	42.1	219.8
247.2	225.0	230.6	0.0	0.75	1.0	69.1	−17.0	−40.7	44.1	247.2
269.8	232.5	237.5	0.0	0.625	1.0	60.3	−0.1	−54.6	54.6	269.8
285.0	240.0	244.3	0.0	0.5	1.0	51.7	18.3	−68.3	70.7	285.0
294.8	247.5	251.2	0.0	0.375	1.0	43.8	37.6	−81.2	89.5	294.8
301.1	255.0	258.0	0.0	0.25	1.0	37.1	55.9	−92.3	107.9	301.1
304.8	262.5	264.8	0.0	0.125	1.0	32.4	69.5	−100.0	121.8	304.8
306.2	270.0	271.7	0.0	0.0	1.0	30.3	76.0	−103.5	128.5	306.2
306.6	277.5	278.8	0.125	0.0	1.0	31.0	76.2	−102.4	127.7	306.6
307.5	285.0	285.9	0.25	0.0	1.0	32.6	76.8	−99.8	125.9	307.5
309.2	292.5	293.0	0.375	0.0	1.0	35.1	77.9	−95.5	123.3	309.2
311.6	300.0	300.1	0.5	0.0	1.0	38.5	79.8	−89.7	120.0	311.6
314.8	307.5	307.2	0.625	0.0	1.0	42.7	82.5	−82.7	116.8	314.8
318.8	315.0	314.3	0.75	0.0	1.0	47.2	85.8	−75.1	114.0	318.8
323.3	322.5	321.4	0.875	0.0	1.0	52.1	89.8	−66.9	112.0	323.3
328.2	330.0	328.6	1.0	0.0	1.0	57.2	94.3	−58.4	110.9	328.2
334.0	337.5	335.7	1.0	0.0	0.875	55.6	90.3	−43.9	100.4	334.0
341.6	345.0	342.8	1.0	0.0	0.75	54.2	86.7	−28.6	91.3	341.6
351.4	352.5	349.9	1.0	0.0	0.625	53.0	83.6	−12.6	84.6	351.4
362.9	360.0	357.0	1.0	0.0	0.5	52.0	81.1	4.1	81.2	362.9
375.2	367.5	364.1	1.0	0.0	0.375	51.3	79.2	21.6	82.1	375.2
386.7	375.0	371.2	1.0	0.0	0.25	50.8	77.9	39.2	87.2	386.7
395.4	382.5	378.3	1.0	0.0	0.125	50.6	77.2	54.9	94.8	395.4
400.0	390.0	385.4	1.0	0.0	0.0	50.4	76.9	64.5	100.4	400.0



*rgb** dex361M			*LAB** dex361M				
1.0	0.0	0.263	50.9	78.3	37.3	86.7	25
1.0	0.0	0.156	50.7	77.7	51.0	92.9	33
1.0	0.157	0.0	52.2	72.0	65.3	97.2	42
1.0	0.358	0.0	57.7	56.9	67.8	88.6	49
1.0	0.488	0.0	63.1	42.8	70.9	82.8	58
1.0	0.577	0.0	67.6	31.8	73.9	80.5	66
1.0	0.673	0.0	72.8	19.8	77.3	79.8	75
1.0	0.755	0.0	77.5	9.3	80.1	80.6	83
1.0	0.857	0.0	83.7	−3.3	84.5	84.6	92
1.0	0.967	0.0	90.6	−16.4	89.5	91.0	100
0.888	1.0	0.0	90.7	−31.7	88.5	94.0	109
0.743	1.0	0.0	88.5	−45.4	85.8	97.1	117
0.529	1.0	0.0	86.0	−62.9	82.9	104.1	127
0.132	1.0	0.0	83.8	−81.2	80.1	114.1	135
0.0	1.0	0.41	84.1	−76.8	54.3	94.1	144
0.0	1.0	0.573	84.6	−70.9	36.3	79.8	152
0.0	1.0	0.706	85.2	−64.6	20.7	67.9	162
0.0	1.0	0.778	85.5	−60.6	12.2	61.9	168
0.0	1.0	0.847	85.9	−56.4	4.0	56.7	175
0.0	1.0	0.9	86.2	−53.2	−2.0	53.3	182
0.0	1.0	0.952	86.6	−49.8	−8.3	50.6	189
0.0	1.0	0.997	86.9	−46.3	−13.2	48.3	195
0.0	0.963	1.0	84.3	−42.5	−18.2	46.4	203
0.0	0.929	1.0	81.8	−38.8	−22.1	44.7	209
0.0	0.89	1.0	79.1	−34.2	−25.7	42.9	216
0.0	0.859	1.0	76.9	−30.7	−29.0	42.4	223
0.0	0.826	1.0	74.5	−27.1	−33.1	43.0	230
0.0	0.797	1.0	72.4	−23.5	−36.3	43.4	237
0.0	0.763	1.0	70.1	−18.9	−39.5	44.0	244
0.0	0.731	1.0	67.8	−15.0	−43.1	45.8	250
0.0	0.69	1.0	64.9	−10.1	−48.0	49.2	258
0.0	0.655	1.0	62.4	−5.0	−51.8	52.1	264
0.0	0.609	1.0	59.3	1.7	−56.5	56.6	271
0.0	0.555	1.0	55.5	9.3	−62.9	63.7	278
0.0	0.488	1.0	51.0	19.9	−69.6	72.5	285
0.0	0.404	1.0	45.7	32.7	−78.5	85.2	292
0.0	0.27	1.0	38.2	52.8	−90.6	105.0	300
0.146	0.0	1.0	31.3	76.4	−102.0	127.5	306
0.605	0.0	1.0	42.1	82.1	−83.8	117.4	314
0.811	0.0	1.0	49.7	87.9	−71.0	113.1	321
1.0	0.0	0.992	57.2	94.2	−57.4	110.3	328
1.0	0.0	0.856	55.4	89.9	−41.4	99.0	335
1.0	0.0	0.735	54.1	86.5	−26.6	90.6	342
1.0	0.0	0.65	53.3	84.5	−15.6	86.0	349
1.0	0.0	0.618	53.0	83.6	−11.6	84.4	352
1.0	0.0	0.533	52.3	82.2	−0.1	82.2	359
1.0	0.0	0.441	51.7	80.7	12.5	81.7	368
1.0	0.0	0.361	51.3	79.3	23.6	82.8	376
1.0	0.0	0.263	50.9	78.3	37.3	86.7	385

*rgb**$_{dd}$ *rgb**$_{ds}$ *rgb**$_{de}$

TUB-prøveplansje RN89; 16-trinns fargetonesirkel, *cf*=1
48-trinns fargetonesirkel; *rgb−LabCh**tabeller

input: *rgb/cmyk −> rgb*$_{dd}$
output: 3D-linearisering til *rgb**$_{dd}$

5−103834−F0

Data til maksimalfargen M in fargemetrisk system Offset standard print; separation cmyn6*, 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*$_d$: $h_{ab,d}$ = 40.0, 102.9, 136.0, 196.4, 306.3, 328.2; seks fargetonevinkler til elementærfargene *RYGCBM*$_e$: $h_{ab,e}$ = 25.5, 92.3, 162.2, 217.0, 271.7, 328.6

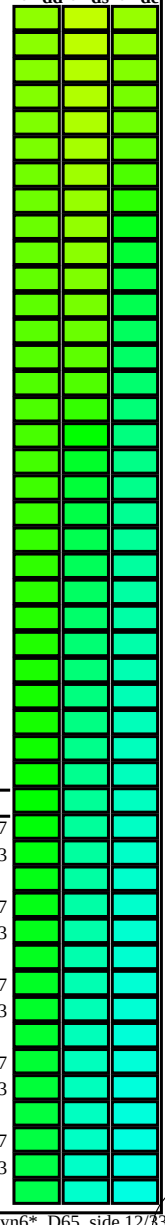
$h_{ab,d}$	$h_{ab,s}$	$h_{ab,e}$	*rgb**dd361M			*LAB**ddx361Mi (x=LabCh)					R_d	*rgb**ds361Mi			*LAB**dsx361Mi (x=LabCh)					R_s	*rgb**dd361Mi			*rgb**de361Mi			*LAB**dex361Mi (x=LabCh)					R_e	*rgb**dd361Mi			*rgb**dd	*rgb**ds	*rgb**de
40	30	25	1.0	0.0	0.0	50.4	76.9	64.5	100.4	40		1.0	0.0	0.203	50.8	78.0	45.1	90.1	30		1.0	0.0	0.0	1.0	0.0	0.263	50.9	78.3	37.3	86.7	25		1.0	0.0	0.0			
40	31	26	1.0	0.016	0.0	50.6	76.5	64.6	100.1	40		1.0	0.0	0.189	50.7	78.0	46.9	91.0	31		1.0	0.017	0.0	1.0	0.0	0.251	50.9	78.0	39.0	87.2	26		1.0	0.017	0.0			
40	32	27	1.0	0.033	0.0	50.7	76.1	64.6	99.8	40		1.0	0.0	0.174	50.7	77.9	48.7	91.8	32		1.0	0.033	0.0	1.0	0.0	0.236	50.8	78.0	41.0	88.1	27		1.0	0.033	0.0			
40	33	28	1.0	0.05	0.0	50.9	75.7	64.7	99.6	40		1.0	0.0	0.16	50.7	77.7	50.5	92.7	33		1.0	0.05	0.0	1.0	0.0	0.22	50.8	78.1	43.0	89.1	28		1.0	0.05	0.0			
40	34	29	1.0	0.066	0.0	51.0	75.3	64.7	99.3	40		1.0	0.0	0.146	50.6	77.6	52.3	93.6	34		1.0	0.067	0.0	1.0	0.0	0.204	50.8	78.0	44.9	90.1	29		1.0	0.067	0.0			
40	35	31	1.0	0.083	0.0	51.1	74.9	64.8	99.0	40		1.0	0.0	0.131	50.6	77.3	54.2	94.4	35		1.0	0.083	0.0	1.0	0.0	0.188	50.7	78.0	46.9	91.0	31		1.0	0.083	0.0			
41	36	32	1.0	0.1	0.0	51.3	74.5	64.8	98.7	41		1.0	0.0	0.11	50.6	77.3	56.1	95.5	36		1.0	0.1	0.0	1.0	0.0	0.172	50.7	77.9	49.0	92.0	32		1.0	0.1	0.0			
41	37	33	1.0	0.116	0.0	51.4	74.1	64.9	98.5	41		1.0	0.0	0.082	50.6	77.2	58.2	96.7	37		1.0	0.117	0.0	1.0	0.0	0.156	50.7	77.7	51.0	92.9	33		1.0	0.117	0.0			
41	38	34	1.0	0.133	0.0	51.7	73.4	65.0	98.0	41		1.0	0.0	0.055	50.5	77.2	60.3	98.0	38		1.0	0.133	0.0	1.0	0.0	0.14	50.6	77.5	53.0	93.9	34		1.0	0.133	0.0			
41	39	35	1.0	0.15	0.0	52.0	72.4	65.2	97.4	41		1.0	0.0	0.028	50.5	77.1	62.4	99.2	39		1.0	0.15	0.0	1.0	0.0	0.123	50.6	77.2	55.1	94.9	35		1.0	0.15	0.0			
42	40	36	1.0	0.166	0.0	52.3	71.4	65.3	96.8	42		1.0	0.0	0.0	50.5	76.9	64.6	100.4	40		1.0	0.167	0.0	1.0	0.0	0.093	50.6	77.3	57.4	96.3	36		1.0	0.167	0.0			
42	41	37	1.0	0.183	0.0	52.7	70.5	65.5	96.2	42		1.0	0.095	0.0	51.3	74.6	64.9	98.9	41		1.0	0.183	0.0	1.0	0.0	0.062	50.5	77.2	59.7	97.6	37		1.0	0.183	0.0			
43	42	38	1.0	0.2	0.0	53.0	69.5	65.6	95.6	43		1.0	0.151	0.0	52.1	72.4	65.2	97.5	42		1.0	0.2	0.0	1.0	0.0	0.032	50.5	77.1	62.1	99.0	38		1.0	0.2	0.0			
43	43	39	1.0	0.216	0.0	53.4	68.6	65.7	95.0	43		1.0	0.188	0.0	52.8	70.3	65.5	96.1	43		1.0	0.217	0.0	1.0	0.0	0.001	50.5	76.9	64.5	100.4	39		1.0	0.217	0.0			
44	44	41	1.0	0.233	0.0	53.7	67.6	65.8	94.4	44		1.0	0.225	0.0	53.6	68.2	65.8	94.8	44		1.0	0.233	0.0	1.0	0.102	0.0	51.4	74.4	64.9	98.8	41		1.0	0.233	0.0			
44	45	42	1.0	0.25	0.0	54.0	66.7	65.9	93.8	44		1.0	0.256	0.0	54.3	66.1	66.1	93.5	45		1.0	0.25	0.0	1.0	0.157	0.0	52.2	72.0	65.3	97.2	42		1.0	0.25	0.0			
45	46	43	1.0	0.266	0.0	54.6	65.1	66.3	93.0	45		1.0	0.277	0.0	55.0	64.3	66.6	92.5	46		1.0	0.267	0.0	1.0	0.199	0.0	53.0	69.6	65.6	95.7	43		1.0	0.267	0.0			
46	47	44	1.0	0.283	0.0	55.1	63.6	66.6	92.2	46		1.0	0.297	0.0	55.6	62.4	66.9	91.5	47		1.0	0.283	0.0	1.0	0.24	0.0	53.9	67.3	65.9	94.2	44		1.0	0.283	0.0			
47	48	45	1.0	0.3	0.0	55.7	62.1	66.9	91.3	47		1.0	0.318	0.0	56.3	60.6	67.3	90.5	48		1.0	0.3	0.0	1.0	0.267	0.0	54.7	65.1	66.4	93.0	45		1.0	0.3	0.0			
47	49	46	1.0	0.316	0.0	56.2	60.6	67.2	90.5	47		1.0	0.338	0.0	57.0	58.7	67.6	89.5	49		1.0	0.317	0.0	1.0	0.29	0.0	55.4	63.1	66.8	91.9	46		1.0	0.317	0.0			
48	50	47	1.0	0.333	0.0	56.8	59.1	67.5	89.7	48		1.0	0.359	0.0	57.7	56.9	67.8	88.5	50		1.0	0.333	0.0	1.0	0.313	0.0	56.2	61.0	67.2	90.8	47		1.0	0.333	0.0			
49	51	48	1.0	0.35	0.0	57.3	57.6	67.7	88.9	49		1.0	0.378	0.0	58.3	55.1	68.1	87.6	51		1.0	0.35	0.0	1.0	0.336	0.0	56.9	59.0	67.5	89.7	48		1.0	0.35	0.0			
50	52	49	1.0	0.366	0.0	57.9	56.2	67.9	88.1	50		1.0	0.392	0.0	58.9	53.6	68.6	87.0	52		1.0	0.367	0.0	1.0	0.358	0.0	57.7	56.9	67.8	88.6	49		1.0	0.367	0.0			
51	53	51	1.0	0.383	0.0	58.5	54.5	68.2	87.3	51		1.0	0.406	0.0	59.6	52.0	69.0	86.4	53		1.0	0.383	0.0	1.0	0.379	0.0	58.4	55.0	68.1	87.6	51		1.0	0.383	0.0			
52	54	52	1.0	0.4	0.0	59.3	52.6	68.8	86.6	52		1.0	0.42	0.0	60.2	50.4	69.4	85.8	54		1.0	0.4	0.0	1.0	0.395	0.0	59.1	53.2	68.7	86.9	52		1.0	0.4	0.0			
53	55	53	1.0	0.416	0.0	60.0	50.7	69.3	85.9	53		1.0	0.433	0.0	60.8	48.8	69.8	85.2	55		1.0	0.417	0.0	1.0	0.41	0.0	59.7	51.5	69.1	86.2	53		1.0	0.417	0.0			
54	56	54	1.0	0.433	0.0	60.7	48.8	69.7	85.1	54		1.0	0.447	0.0	61.4	47.3	70.1	84.5	56		1.0	0.433	0.0	1.0	0.426	0.0	60.4	49.7	69.6	85.5	54		1.0	0.433	0.0			
56	57	55	1.0	0.45	0.0	61.4	46.9	70.1	84.4	56		1.0	0.461	0.0	62.0	45.7	70.4	83.9	57		1.0	0.45	0.0	1.0	0.441	0.0	61.1	48.0	69.9	84.8	55		1.0	0.45	0.0			
57	58	56	1.0	0.466	0.0	62.2	45.1	70.4	83.6	57		1.0	0.475	0.0	62.6	44.1	70.7	83.3	58		1.0	0.467	0.0	1.0	0.457	0.0	61.8	46.2	70.3	84.1	56		1.0	0.467	0.0			
58	59	57	1.0	0.483	0.0	62.9	43.2	70.7	82.9	58		1.0	0.489	0.0	63.2	42.6	70.9	82.7	59		1.0	0.483	0.0	1.0	0.472	0.0	62.5	44.5	70.6	83.4	57		1.0	0.483	0.0			
59	60	58	1.0	0.5	0.0	63.6	41.3	71.0	82.2	59		1.0	0.502	0.0	63.8	41.1	71.2	82.2	60		1.0	0.5	0.0	1.0	0.488	0.0	63.1	42.8	70.9	82.8	58		1.0	0.5	0.0			
61	61	60	1.0	0.516	0.0	64.5	39.3	71.7	81.8	61		1.0	0.513	0.0	64.4	39.7	71.6	81.9	61		1.0	0.517	0.0	1.0	0.502	0.0	63.8	41.1	71.2	82.2	60		1.0	0.517	0.0			
62	62	61	1.0	0.533	0.0	65.3	37.2	72.4	81.4	62		1.0	0.525	0.0	64.9	38.3	72.1	81.7	62		1.0	0.533	0.0	1.0	0.515	0.0	64.4	39.5	71.7	81.9	61		1.0	0.533	0.0			
64	63	62	1.0	0.55	0.0	66.2	35.1	73.0	81.0	64		1.0	0.536	0.0	65.5	37.0	72.5	81.4	63		1.0	0.55	0.0	1.0	0.527	0.0	65.1	38.0	72.2	81.6	62		1.0	0.55	0.0			
65	64	63	1.0	0.566	0.0	67.1	33.0	73.5	80.6	65		1.0	0.547	0.0	66.1	35.6	72.9	81.1	64		1.0	0.567	0.0	1.0	0.54	0.0	65.7	36.5	72.7	81.3	63		1.0	0.567	0.0			
67	65	64	1.0	0.583	0.0	67.9	31.0	74.0	80.3	67		1.0	0.558	0.0	66.7	34.2	73.3	80.9	65		1.0	0.583	0.0	1.0	0.552	0.0	66.4	34.9	73.1	81.0	64		1.0	0.583	0.0			
68	66	65	1.0	0.6	0.0	68.8	28.9	74.5	79.9	68		1.0	0.569	0.0	67.2	32.8	73.7	80.6	66		1.0	0.6	0.0	1.0	0.564	0.0	67.0	33.4	73.5	80.7	65		1.0	0.6	0.0			
70	67	66	1.0	0.616	0.0	69.6	26.8	74.8	79.5	70		1.0	0.58	0.0	67.8	31.4	74.0	80.4	67		1.0	0.617	0.0	1.0	0.577	0.0	67.6	31.8	73.9	80.5	66		1.0	0.617	0.0			
71	68	67	1.0	0.633	0.0	70.5	24.7	75.4	79.4	71		1.0	0.591	0.0	68.4	30.0	74.3	80.1	68		1.0	0.633	0.0	1.0	0.589	0.0	68.3	30.3	74.2	80.2	67		1.0	0.633	0.0			
73	69	68	1.0	0.65	0.0	71.5	22.7	76.2	79.5	73		1.0	0.602	0.0	69.0	28.6	74.6	79.9	69		1.0	0.65	0.0	1.0	0.602	0.0	68.9	28.7	74.5	79.9	68		1.0	0.65	0.0			
75	70	70	1.0	0.666	0.0	72.4	20.6	76.9	79.7	75		1.0	0.614	0.0	69.5	27.2	74.8	79.6	70		1.0	0.667	0.0	1.0	0.614	0.0	69.5	27.2	74.8	79.6	70		1.0	0.667	0.0			
76	71	71	1.0	0.683	0.0	73.4	18.5	77.6	79.8	76		1.0	0.625	0.0	70.1	25.8	75.0	79.4	71		1.0	0.683	0.0	1.0	0.626	0.0	70.2	25.6	75.1	79.4	71		1.0	0.683	0.0			
78	72	72	1.0	0.7	0.0	74.3	16.3	78.2	79.9	78		1.0	0.635	0.0	70.7	24.5	75.6	79.4	72		1.0	0.7	0.0	1.0	0.638	0.0	70.9	24.2	75.7	79.5	72		1.0	0.7	0.0			
79	73	73	1.0	0.716	0.0	75.3	14.2	78.8	80.1	79		1.0	0.646	0.0	71.3	23.3	76.1	79.5	73		1.0	0.717	0.0	1.0	0.65	0.0	71.5	22.8	76.2	79.6	73		1.0	0.717	0.0			
81	74	74	1.0	0.733	0.0	76.2	12.0	79.3	80.2	81		1.0	0.656	0.0	71.9	21.9	76.5	79.6	74		1.0	0.733	0.0	1.0	0.661	0.0	72.2	21.3	76.8	79.7	74		1.0	0.733	0.0			
82	75	75	1.0	0.75	0.0	77.2	9.8	79.7	80.4	82		1.0	0.667	0.0	72.5	20.6	77.0	79.7	75		1.0	0.75	0.0	1.0	0.673	0.0	72.8	19.8	77.3	79.8	75		1.0	0.75	0.0			

Data til maksimalfargen M in fargemetrisk system Offset standard print; separation cmyn6*, 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*$_d$: $h_{ab,d}$ = 40.0, 102.9, 136.0, 196.4, 306.3, 328.2; seks fargetonevinkler til elementærfargene *RYGCBM*$_e$: $h_{ab,e}$ = 25.5, 92.3, 162.2, 217.0, 271.7, 328.6

$h_{ab,d}$	$h_{ab,s}$	$h_{ab,e}$	*rgb**dd361M			*LAB**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
82	75	75	1.0	0.75	0.0	77.2	9.8	79.7	80.4	82	1.0	0.667	0.0	72.5	20.6	77.0	79.7	75	1.0	0.75	0.0	1.0	0.673	0.0	72.8	19.8	77.3	79.8	75	1.0	0.75	0.0			
84	76	76	1.0	0.766	0.0	78.2	7.8	80.6	81.0	84	1.0	0.677	0.0	73.1	19.3	77.4	79.8	76	1.0	0.767	0.0	1.0	0.685	0.0	73.5	18.3	77.7	79.9	76	1.0	0.767	0.0			
85	77	77	1.0	0.783	0.0	79.2	5.8	81.4	81.7	85	1.0	0.688	0.0	73.7	18.0	77.8	79.9	77	1.0	0.783	0.0	1.0	0.696	0.0	74.2	16.9	78.2	80.0	77	1.0	0.783	0.0			
87	78	78	1.0	0.8	0.0	80.2	3.8	82.2	82.3	87	1.0	0.698	0.0	74.3	16.6	78.2	80.0	78	1.0	0.8	0.0	1.0	0.708	0.0	74.8	15.3	78.6	80.1	78	1.0	0.8	0.0			
88	79	80	1.0	0.816	0.0	81.2	1.7	82.9	83.0	88	1.0	0.708	0.0	74.9	15.3	78.6	80.1	79	1.0	0.817	0.0	1.0	0.72	0.0	75.5	13.8	78.9	80.1	80	1.0	0.817	0.0			
90	80	81	1.0	0.833	0.0	82.2	−0.3	83.6	83.6	90	1.0	0.719	0.0	75.5	13.9	78.9	80.1	80	1.0	0.833	0.0	1.0	0.731	0.0	76.2	12.3	79.3	80.2	81	1.0	0.833	0.0			
91	81	82	1.0	0.85	0.0	83.3	−2.5	84.2	84.3	91	1.0	0.729	0.0	76.1	12.6	79.2	80.2	81	1.0	0.85	0.0	1.0	0.743	0.0	76.8	10.8	79.6	80.3	82	1.0	0.85	0.0			
93	82	83	1.0	0.866	0.0	84.3	−4.6	84.8	84.9	93	1.0	0.74	0.0	76.7	11.2	79.5	80.3	82	1.0	0.867	0.0	1.0	0.755	0.0	77.5	9.3	80.1	80.6	83	1.0	0.867	0.0			
94	83	84	1.0	0.883	0.0	85.3	−6.7	85.5	85.8	94	1.0	0.75	0.0	77.3	9.8	79.8	80.4	83	1.0	0.883	0.0	1.0	0.768	0.0	78.3	7.8	80.7	81.1	84	1.0	0.883	0.0			
95	84	85	1.0	0.9	0.0	86.3	−8.5	86.4	86.8	95	1.0	0.762	0.0	78.0	8.5	80.4	80.9	84	1.0	0.9	0.0	1.0	0.78	0.0	79.1	6.2	81.4	81.6	85	1.0	0.9	0.0			
96	85	86	1.0	0.916	0.0	87.4	−10.5	87.2	87.8	96	1.0	0.773	0.0	78.7	7.1	81.0	81.3	85	1.0	0.917	0.0	1.0	0.793	0.0	79.9	4.7	82.0	82.1	86	1.0	0.917	0.0			
98	86	87	1.0	0.933	0.0	88.4	−12.4	88.0	88.9	98	1.0	0.785	0.0	79.3	5.7	81.6	81.8	86	1.0	0.933	0.0	1.0	0.806	0.0	80.6	3.1	82.5	82.6	87	1.0	0.933	0.0			
99	87	88	1.0	0.95	0.0	89.5	−14.4	88.7	89.9	99	1.0	0.796	0.0	80.0	4.3	82.1	82.2	87	1.0	0.95	0.0	1.0	0.819	0.0	81.4	1.5	83.1	83.1	88	1.0	0.95	0.0			
100	88	90	1.0	0.966	0.0	90.5	−16.5	89.4	91.0	100	1.0	0.808	0.0	80.7	2.9	82.6	82.7	88	1.0	0.967	0.0	1.0	0.831	0.0	82.2	0.0	83.6	83.6	90	1.0	0.967	0.0			
101	89	91	1.0	0.983	0.0	91.6	−18.5	90.1	92.0	101	1.0	0.819	0.0	81.4	1.5	83.1	83.1	89	1.0	0.983	0.0	1.0	0.844	0.0	83.0	−1.7	84.1	84.1	91	1.0	0.983	0.0			
102	90	92	1.0	1.0	0.0	92.6	−20.7	90.7	93.0	102	Y_d	1.0	0.831	0.0	82.1	0.0	83.5	83.5	90	Y_s	1.0	1.0	0.0	1.0	0.857	0.0	83.7	−3.3	84.5	84.6	92	Y_e	1.0	1.0	0.0			
103	91	93	0.983	1.0	0.0	92.3	−22.3	90.5	93.2	103	1.0	0.842	0.0	82.8	−1.4	84.0	84.0	91	0.983	1.0	0.0	1.0	0.87	0.0	84.5	−5.1	84.9	85.1	93	0.983	1.0	0.0			
104	92	94	0.966	1.0	0.0	92.0	−24.0	90.2	93.3	104	1.0	0.853	0.0	83.5	−2.8	84.4	84.4	92	0.967	1.0	0.0	1.0	0.886	0.0	85.5	−6.9	85.7	85.9	94	0.967	1.0	0.0			
105	93	95	0.95	1.0	0.0	91.7	−25.6	89.9	93.5	105	1.0	0.865	0.0	84.2	−4.3	84.8	84.9	93	0.95	1.0	0.0	1.0	0.902	0.0	86.5	−8.7	86.5	87.0	95	0.95	1.0	0.0			
106	94	96	0.933	1.0	0.0	91.4	−27.3	89.5	93.6	106	1.0	0.877	0.0	84.9	−5.9	85.2	85.4	94	0.933	1.0	0.0	1.0	0.918	0.0	87.5	−10.6	87.3	88.0	96	0.933	1.0	0.0			
108	95	98	0.916	1.0	0.0	91.1	−28.9	89.1	93.7	108	1.0	0.891	0.0	85.8	−7.4	85.9	86.3	95	0.917	1.0	0.0	1.0	0.934	0.0	88.5	−12.5	88.1	89.0	98	0.917	1.0	0.0			
109	96	99	0.9	1.0	0.0	90.8	−30.6	88.7	93.9	109	1.0	0.904	0.0	86.7	−9.0	86.6	87.1	96	0.9	1.0	0.0	1.0	0.951	0.0	89.6	−14.4	88.8	90.0	99	0.9	1.0	0.0			
110	97	100	0.883	1.0	0.0	90.5	−32.2	88.3	94.0	110	1.0	0.918	0.0	87.5	−10.6	87.3	88.0	97	0.883	1.0	0.0	1.0	0.967	0.0	90.6	−16.4	89.5	91.0	100	0.883	1.0	0.0			
111	98	101	0.866	1.0	0.0	90.3	−33.8	88.0	94.3	111	1.0	0.932	0.0	88.4	−12.3	88.0	88.9	98	0.867	1.0	0.0	1.0	0.983	0.0	91.6	−18.5	90.1	92.0	101	0.867	1.0	0.0			
111	99	102	0.85	1.0	0.0	90.0	−35.4	87.7	94.6	111	1.0	0.946	0.0	89.3	−13.9	88.6	89.7	99	0.85	1.0	0.0	1.0	0.999	0.0	92.6	−20.5	90.7	93.0	102	0.85	1.0	0.0			
112	100	103	0.833	1.0	0.0	89.8	−37.0	87.5	95.0	112	1.0	0.96	0.0	90.2	−15.6	89.2	90.6	100	0.833	1.0	0.0	0.982	1.0	0.0	92.3	−22.4	90.5	93.2	103	0.833	1.0	0.0			
113	101	105	0.816	1.0	0.0	89.5	−38.6	87.2	95.4	113	1.0	0.974	0.0	91.0	−17.4	89.8	91.5	101	0.817	1.0	0.0	0.963	1.0	0.0	92.0	−24.3	90.2	93.4	105	0.817	1.0	0.0			
114	102	106	0.8	1.0	0.0	89.3	−40.1	86.9	95.7	114	1.0	0.988	0.0	91.9	−19.1	90.3	92.3	102	0.8	1.0	0.0	0.944	1.0	0.0	91.7	−26.1	89.8	93.6	106	0.8	1.0	0.0			
115	103	107	0.783	1.0	0.0	89.0	−41.7	86.6	96.1	115	0.998	1.0	0.0	92.6	−20.8	90.7	93.1	103	0.783	1.0	0.0	0.926	1.0	0.0	91.3	−28.0	89.4	93.7	107	0.783	1.0	0.0			
116	104	108	0.766	1.0	0.0	88.7	−43.3	86.2	96.5	116	0.981	1.0	0.0	92.3	−22.5	90.5	93.2	104	0.767	1.0	0.0	0.907	1.0	0.0	91.0	−29.9	89.0	93.9	108	0.767	1.0	0.0			
117	105	109	0.75	1.0	0.0	88.5	−44.9	85.8	96.8	117	0.965	1.0	0.0	92.0	−24.1	90.2	93.4	105	0.75	1.0	0.0	0.888	1.0	0.0	90.7	−31.7	88.5	94.0	109	0.75	1.0	0.0			
118	106	110	0.733	1.0	0.0	88.3	−46.3	85.6	97.4	118	0.949	1.0	0.0	91.8	−25.7	89.9	93.5	106	0.733	1.0	0.0	0.868	1.0	0.0	90.3	−33.6	88.0	94.3	110	0.733	1.0	0.0			
119	107	112	0.716	1.0	0.0	88.1	−47.8	85.4	97.9	119	0.933	1.0	0.0	91.5	−27.3	89.6	93.6	107	0.717	1.0	0.0	0.848	1.0	0.0	90.0	−35.6	87.8	94.7	112	0.717	1.0	0.0			
120	108	113	0.7	1.0	0.0	87.9	−49.2	85.2	98.4	120	0.917	1.0	0.0	91.2	−28.9	89.2	93.8	108	0.7	1.0	0.0	0.827	1.0	0.0	89.7	−37.5	87.4	95.2	113	0.7	1.0	0.0			
120	109	114	0.683	1.0	0.0	87.6	−50.7	84.9	98.9	120	0.901	1.0	0.0	90.9	−30.5	88.8	93.9	109	0.683	1.0	0.0	0.806	1.0	0.0	89.4	−39.5	87.1	95.7	114	0.683	1.0	0.0			
121	110	115	0.666	1.0	0.0	87.4	−52.1	84.7	99.4	121	0.884	1.0	0.0	90.6	−32.1	88.4	94.1	110	0.667	1.0	0.0	0.786	1.0	0.0	89.1	−41.5	86.7	96.1	115	0.667	1.0	0.0			
122	111	116	0.65	1.0	0.0	87.2	−53.6	84.4	100.0	122	0.868	1.0	0.0	90.3	−33.7	88.0	94.3	111	0.65	1.0	0.0	0.765	1.0	0.0	88.8	−43.4	86.2	96.6	116	0.65	1.0	0.0			
123	112	117	0.633	1.0	0.0	87.0	−55.0	84.1	100.5	123	0.85	1.0	0.0	90.1	−35.4	87.8	94.7	112	0.633	1.0	0.0	0.743	1.0	0.0	88.5	−45.4	85.8	97.1	117	0.633	1.0	0.0			
123	113	119	0.616	1.0	0.0	86.8	−56.4	83.8	101.0	123	0.832	1.0	0.0	89.8	−37.1	87.5	95.1	113	0.617	1.0	0.0	0.719	1.0	0.0	88.2	−47.5	85.5	97.9	119	0.617	1.0	0.0			
124	114	120	0.6	1.0	0.0	86.7	−57.6	83.7	101.6	124	0.814	1.0	0.0	89.5	−38.7	87.2	95.5	114	0.6	1.0	0.0	0.695	1.0	0.0	87.8	−49.6	85.2	98.6	120	0.6	1.0	0.0			
125	115	121	0.583	1.0	0.0	86.5	−58.9	83.5	102.2	125	0.797	1.0	0.0	89.3	−40.4	86.9	95.9	115	0.583	1.0	0.0	0.67	1.0	0.0	87.5	−51.7	84.8	99.4	121	0.583	1.0	0.0			
125	116	122	0.566	1.0	0.0	86.3	−60.1	83.3	102.8	125	0.779	1.0	0.0	89.0	−42.1	86.5	96.3	116	0.567	1.0	0.0	0.646	1.0	0.0	87.2	−53.9	84.4	100.1	122	0.567	1.0	0.0			
126	117	123	0.55	1.0	0.0	86.2	−61.4	83.1	103.3	126	0.761	1.0	0.0	88.7	−43.8	86.1	96.6	117	0.55	1.0	0.0	0.621	1.0	0.0	86.9	−56.0	83.9	100.9	123	0.55	1.0	0.0			
127	118	124	0.533	1.0	0.0	86.0	−62.7	82.9	103.9	127	0.742	1.0	0.0	88.4	−45.5	85.8	97.1	118	0.533	1.0	0.0	0.59	1.0	0.0	86.6	−58.3	83.6	102.0	124	0.533	1.0	0.0			
127	119	126	0.516	1.0	0.0	85.8	−63.9	82.6	104.5	127	0.721	1.0	0.0	88.2	−47.3	85.5	97.8	119	0.517	1.0	0.0	0.56	1.0	0.0	86.3	−60.6	83.3	103.1	126	0.517	1.0	0.0			
128	120	127	0.5	1.0	0.0	85.7	−65.2	82.4	105.1	128	0.7	1.0	0.0	87.9	−49.1	85.3	98.4	120	0.5	1.0	0.0	0.529	1.0	0.0	86.0	−62.9	82.9	104.1	127	0.5	1.0	0.0			

Data til maksimalfargen M in fargemetrisk system Offset standard print; separation cmyn6*, 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*$_d$: $h_{ab,d}$ = 40.0, 102.9, 136.0, 196.4, 306.3, 328.2; seks fargetonevinkler til elementærfargene *RYGCBM*$_e$: $h_{ab,e}$ = 25.5, 92.3, 162.2, 217.0, 271.7, 328.6

$h_{ab,d}$	$h_{ab,s}$	$h_{ab,e}$	*rgb**dd361M	*LAB**ddx361Mi (x=LabCh)	*rgb**ds361Mi	*LAB**dsx361Mi (x=LabCh)	*rgb**dd361Mi	*rgb**de361Mi	*LAB**dex361Mi (x=LabCh)	*rgb**dd361Mi
128	120	127	0.5 1.0 0.0	85.7 −65.2 82.4 105.1 128	0.7 1.0 0.0	87.9 −49.1 85.3 98.4 120	0.5 1.0 0.0	0.529 1.0 0.0	86.0 −62.9 82.9 104.1 127	0.5 1.0 0.0
128	121	128	0.483 1.0 0.0	85.5 −66.2 82.3 105.6 128	0.68 1.0 0.0	87.7 −50.9 84.9 99.1 121	0.483 1.0 0.0	0.498 1.0 0.0	85.7 −65.3 82.4 105.2 128	0.483 1.0 0.0
129	122	129	0.466 1.0 0.0	85.4 −67.2 82.1 106.1 129	0.659 1.0 0.0	87.4 −52.8 84.6 99.7 122	0.467 1.0 0.0	0.456 1.0 0.0	85.4 −67.8 82.1 106.5 129	0.467 1.0 0.0
129	123	130	0.45 1.0 0.0	85.3 −68.2 82.0 106.7 129	0.638 1.0 0.0	87.1 −54.6 84.2 100.4 123	0.45 1.0 0.0	0.414 1.0 0.0	85.1 −70.3 81.7 107.9 130	0.45 1.0 0.0
130	124	131	0.433 1.0 0.0	85.2 −69.2 81.8 107.2 130	0.615 1.0 0.0	86.9 −56.5 83.9 101.1 124	0.433 1.0 0.0	0.372 1.0 0.0	84.7 −72.9 81.3 109.2 131	0.433 1.0 0.0
130	125	133	0.416 1.0 0.0	85.0 −70.2 81.7 107.8 130	0.589 1.0 0.0	86.6 −58.4 83.6 102.1 125	0.417 1.0 0.0	0.309 1.0 0.0	84.4 −75.6 80.9 110.8 133	0.417 1.0 0.0
131	126	134	0.4 1.0 0.0	84.9 −71.3 81.5 108.3 131	0.562 1.0 0.0	86.3 −60.4 83.3 103.0 126	0.4 1.0 0.0	0.244 1.0 0.0	84.1 −78.3 80.5 112.4 134	0.4 1.0 0.0
131	127	135	0.383 1.0 0.0	84.8 −72.3 81.3 108.8 131	0.536 1.0 0.0	86.1 −62.4 83.0 103.9 127	0.383 1.0 0.0	0.132 1.0 0.0	83.8 −81.2 80.1 114.1 135	0.383 1.0 0.0
132	128	136	0.366 1.0 0.0	84.7 −73.2 81.2 109.3 132	0.51 1.0 0.0	85.8 −64.4 82.6 104.8 128	0.367 1.0 0.0	0.0 1.0 0.073	83.7 −82.3 78.0 113.5 136	0.367 1.0 0.0
132	129	137	0.35 1.0 0.0	84.6 −73.9 81.1 109.7 132	0.477 1.0 0.0	85.5 −66.5 82.3 105.8 129	0.35 1.0 0.0	0.0 1.0 0.165	83.7 −81.6 74.2 110.4 137	0.35 1.0 0.0
132	130	138	0.333 1.0 0.0	84.5 −74.6 81.0 110.1 132	0.442 1.0 0.0	85.3 −68.7 82.0 107.0 130	0.333 1.0 0.0	0.0 1.0 0.227	83.8 −80.8 70.5 107.3 138	0.333 1.0 0.0
132	131	140	0.316 1.0 0.0	84.4 −75.3 80.9 110.6 132	0.406 1.0 0.0	85.0 −70.9 81.6 108.1 131	0.317 1.0 0.0	0.0 1.0 0.273	83.8 −80.0 67.0 104.5 140	0.317 1.0 0.0
133	132	141	0.3 1.0 0.0	84.3 −76.0 80.8 111.0 133	0.368 1.0 0.0	84.7 −73.1 81.2 109.3 132	0.3 1.0 0.0	0.0 1.0 0.311	83.9 −79.3 63.7 101.8 141	0.3 1.0 0.0
133	133	142	0.283 1.0 0.0	84.2 −76.8 80.7 111.4 133	0.314 1.0 0.0	84.5 −75.4 80.9 110.7 133	0.283 1.0 0.0	0.0 1.0 0.349	84.0 −78.4 60.4 99.0 142	0.283 1.0 0.0
133	134	143	0.266 1.0 0.0	84.2 −77.5 80.6 111.8 133	0.261 1.0 0.0	84.2 −77.7 80.6 112.0 134	0.267 1.0 0.0	0.0 1.0 0.383	84.0 −77.5 57.3 96.4 143	0.267 1.0 0.0
134	135	144	0.25 1.0 0.0	84.1 −78.2 80.5 112.2 134	0.173 1.0 0.0	83.9 −80.2 80.3 113.5 135	0.25 1.0 0.0	0.0 1.0 0.41	84.1 −76.8 54.3 94.1 144	0.25 1.0 0.0
134	136	145	0.233 1.0 0.0	84.0 −78.7 80.4 112.5 134	0.004 1.0 0.0	83.6 −82.6 79.9 115.0 136	0.233 1.0 0.0	0.0 1.0 0.437	84.2 −75.9 51.5 91.8 145	0.233 1.0 0.0
134	137	147	0.216 1.0 0.0	84.0 −79.1 80.4 112.8 134	0.0 1.0 0.125	83.7 −82.1 76.6 112.3 137	0.217 1.0 0.0	0.0 1.0 0.464	84.2 −75.0 48.7 89.5 147	0.217 1.0 0.0
134	138	148	0.2 1.0 0.0	83.9 −79.5 80.3 113.0 134	0.0 1.0 0.178	83.7 −81.4 73.4 109.7 138	0.2 1.0 0.0	0.0 1.0 0.491	84.3 −74.1 45.9 87.2 148	0.2 1.0 0.0
134	139	149	0.183 1.0 0.0	83.9 −79.9 80.2 113.3 134	0.0 1.0 0.231	83.8 −80.7 70.3 107.1 139	0.183 1.0 0.0	0.0 1.0 0.513	84.4 −73.3 43.4 85.2 149	0.183 1.0 0.0
135	140	150	0.166 1.0 0.0	83.8 −80.4 80.2 113.5 135	0.0 1.0 0.271	83.8 −80.1 67.3 104.7 140	0.167 1.0 0.0	0.0 1.0 0.533	84.5 −72.5 41.0 83.4 150	0.167 1.0 0.0
135	141	151	0.15 1.0 0.0	83.8 −80.8 80.1 113.8 135	0.0 1.0 0.303	83.9 −79.4 64.4 102.3 141	0.15 1.0 0.0	0.0 1.0 0.553	84.5 −71.7 38.6 81.6 151	0.15 1.0 0.0
135	142	152	0.133 1.0 0.0	83.7 −81.2 80.1 114.1 135	0.0 1.0 0.335	83.9 −78.7 61.6 100.0 142	0.133 1.0 0.0	0.0 1.0 0.573	84.6 −70.9 36.3 79.8 152	0.133 1.0 0.0
135	143	154	0.116 1.0 0.0	83.7 −81.5 80.0 114.2 135	0.0 1.0 0.368	84.0 −77.9 58.8 97.7 143	0.117 1.0 0.0	0.0 1.0 0.593	84.7 −70.0 34.1 77.9 154	0.117 1.0 0.0
135	144	155	0.1 1.0 0.0	83.7 −81.7 80.0 114.4 135	0.0 1.0 0.393	84.1 −77.3 56.2 95.6 144	0.1 1.0 0.0	0.0 1.0 0.614	84.7 −69.0 31.9 76.1 155	0.1 1.0 0.0
135	145	156	0.083 1.0 0.0	83.7 −81.9 80.0 114.5 135	0.0 1.0 0.416	84.1 −76.6 53.7 93.6 145	0.083 1.0 0.0	0.0 1.0 0.631	84.8 −68.2 29.8 74.5 156	0.083 1.0 0.0
135	146	157	0.066 1.0 0.0	83.7 −82.0 79.9 114.6 135	0.0 1.0 0.439	84.2 −75.9 51.3 91.7 146	0.067 1.0 0.0	0.0 1.0 0.646	84.9 −67.5 27.9 73.2 157	0.067 1.0 0.0
135	147	158	0.049 1.0 0.0	83.6 −82.2 79.9 114.7 135	0.0 1.0 0.462	84.2 −75.1 48.8 89.7 147	0.05 1.0 0.0	0.0 1.0 0.661	85.0 −66.9 26.1 71.9 158	0.05 1.0 0.0
135	148	159	0.033 1.0 0.0	83.6 −82.4 79.9 114.8 135	0.0 1.0 0.485	84.3 −74.3 46.5 87.7 148	0.033 1.0 0.0	0.0 1.0 0.676	85.0 −66.2 24.3 70.6 159	0.033 1.0 0.0
135	149	161	0.016 1.0 0.0	83.6 −82.6 79.9 114.9 135	0.0 1.0 0.506	84.4 −73.5 44.2 85.9 149	0.017 1.0 0.0	0.0 1.0 0.691	85.1 −65.4 22.5 69.2 161	0.017 1.0 0.0
136	150	162	0.0 1.0 0.0	83.6 −82.7 79.8 115.0 136	G_d 0.0 1.0 0.523	84.4 −72.9 42.1 84.3 150	G_s 0.0 1.0 0.0	0.0 1.0 0.706	85.2 −64.6 20.7 67.9 162	G_e 0.0 1.0 0.0
136	151	163	0.0 1.0 0.016	83.6 −82.7 79.4 114.6 136	0.0 1.0 0.541	84.5 −72.3 40.1 82.7 151	0.0 1.0 0.017	0.0 1.0 0.718	85.2 −63.9 19.4 66.9 163	0.0 1.0 0.017
136	152	164	0.0 1.0 0.033	83.6 −82.6 79.0 114.3 136	0.0 1.0 0.558	84.5 −71.6 38.1 81.2 152	0.0 1.0 0.033	0.0 1.0 0.73	85.3 −63.2 18.1 65.9 164	0.0 1.0 0.033
136	153	164	0.0 1.0 0.05	83.6 −82.5 78.5 113.9 136	0.0 1.0 0.575	84.6 −70.8 36.1 79.6 153	0.0 1.0 0.05	0.0 1.0 0.741	85.3 −62.5 16.8 64.8 164	0.0 1.0 0.05
136	154	165	0.0 1.0 0.066	83.6 −82.4 78.1 113.5 136	0.0 1.0 0.592	84.7 −70.0 34.2 78.0 154	0.0 1.0 0.067	0.0 1.0 0.752	85.4 −61.9 15.6 63.9 165	0.0 1.0 0.067
136	155	166	0.0 1.0 0.083	83.6 −82.3 77.6 113.2 136	0.0 1.0 0.61	84.7 −69.2 32.3 76.5 155	0.0 1.0 0.083	0.0 1.0 0.761	85.4 −61.5 14.5 63.2 166	0.0 1.0 0.083
136	156	167	0.0 1.0 0.1	83.6 −82.2 77.2 112.8 136	0.0 1.0 0.626	84.8 −68.4 30.5 74.9 156	0.0 1.0 0.1	0.0 1.0 0.77	85.5 −61.1 13.3 62.6 167	0.0 1.0 0.1
136	157	168	0.0 1.0 0.116	83.6 −82.1 76.8 112.5 136	0.0 1.0 0.639	84.9 −67.8 28.8 73.8 157	0.0 1.0 0.117	0.0 1.0 0.778	85.5 −60.6 12.2 61.9 168	0.0 1.0 0.117
137	158	169	0.0 1.0 0.133	83.6 −82.0 76.0 111.9 137	0.0 1.0 0.652	84.9 −67.3 27.2 72.7 158	0.0 1.0 0.133	0.0 1.0 0.787	85.6 −60.2 11.1 61.3 169	0.0 1.0 0.133
137	159	170	0.0 1.0 0.15	83.7 −81.8 75.0 111.0 137	0.0 1.0 0.665	85.0 −66.7 25.6 71.6 159	0.0 1.0 0.15	0.0 1.0 0.795	85.6 −59.7 10.1 60.6 170	0.0 1.0 0.15
137	160	171	0.0 1.0 0.166	83.7 −81.6 74.0 110.2 137	0.0 1.0 0.678	85.0 −66.1 24.1 70.4 160	0.0 1.0 0.167	0.0 1.0 0.804	85.7 −59.2 9.0 60.0 171	0.0 1.0 0.167
138	161	172	0.0 1.0 0.183	83.7 −81.4 73.0 109.4 138	0.0 1.0 0.691	85.1 −65.4 22.6 69.3 161	0.0 1.0 0.183	0.0 1.0 0.813	85.7 −58.7 8.0 59.3 172	0.0 1.0 0.183
138	162	173	0.0 1.0 0.2	83.7 −81.2 72.0 108.6 138	0.0 1.0 0.703	85.1 −64.7 21.1 68.2 162	0.0 1.0 0.2	0.0 1.0 0.821	85.8 −58.1 7.0 58.7 173	0.0 1.0 0.2
138	163	174	0.0 1.0 0.216	83.7 −81.0 71.1 107.8 138	0.0 1.0 0.716	85.2 −64.0 19.6 67.0 163	0.0 1.0 0.217	0.0 1.0 0.83	85.8 −57.6 6.0 58.0 174	0.0 1.0 0.217
139	164	175	0.0 1.0 0.233	83.7 −80.8 70.1 106.9 139	0.0 1.0 0.729	85.3 −63.3 18.2 65.9 164	0.0 1.0 0.233	0.0 1.0 0.839	85.8 −57.0 5.0 57.3 175	0.0 1.0 0.233
139	165	175	0.0 1.0 0.25	83.8 −80.5 69.1 106.1 139	0.0 1.0 0.742	85.3 −62.5 16.8 64.8 165	0.0 1.0 0.25	0.0 1.0 0.847	85.9 −56.4 4.0 56.7 175	0.0 1.0 0.25



Data til maksimalfargen M in fargemetrisk system Offset standard print; separation cmyn6*, 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*$_d$: $h_{ab,d}$ = 40.0, 102.9, 136.0, 196.4, 306.3, 328.2; seks fargetonevinkler til elementærfargene *RYGCBM*$_e$: $h_{ab,e}$ = 25.5, 92.3, 162.2, 217.0, 271.7, 328.6

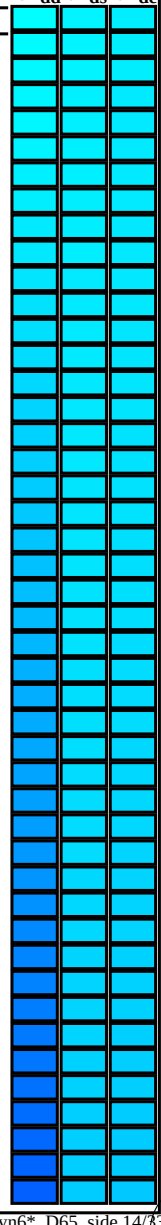
$h_{ab,d}$	$h_{ab,s}$	$h_{ab,e}$	*rgb**dd361M			*LAB**ddx361Mi (x=LabCh)				*rgb**ds361Mi			*LAB**dsx361Mi (x=LabCh)				*rgb**dd361Mi			*rgb**de361Mi			*LAB**dex361Mi (x=LabCh)				*rgb**dd361Mi			*rgb**$_{dd}$ *rgb**$_{ds}$ *rgb**$_{de}$
139	165	175	0.0	1.0	0.25	83.8	−80.5	69.1	106.1	139	0.0	1.0	0.742	85.3	−62.5	16.8	64.8	165	0.0	1.0	0.25	0.0	1.0	0.847	85.9	−56.4	4.0	56.7	175	0.0	1.0	0.25	
139	166	176	0.0	1.0	0.266	83.8	−80.2	67.6	104.9	139	0.0	1.0	0.753	85.4	−61.8	15.4	63.8	166	0.0	1.0	0.267	0.0	1.0	0.856	85.9	−55.9	3.1	56.0	176	0.0	1.0	0.267	
140	167	177	0.0	1.0	0.283	83.8	−79.9	66.1	103.7	140	0.0	1.0	0.763	85.4	−61.4	14.2	63.1	167	0.0	1.0	0.283	0.0	1.0	0.864	86.0	−55.2	2.2	55.4	177	0.0	1.0	0.283	
140	168	178	0.0	1.0	0.3	83.8	−79.6	64.6	102.5	140	0.0	1.0	0.772	85.5	−60.9	13.0	62.4	168	0.0	1.0	0.3	0.0	1.0	0.873	86.0	−54.6	1.3	54.7	178	0.0	1.0	0.3	
141	169	179	0.0	1.0	0.316	83.9	−79.2	63.1	101.3	141	0.0	1.0	0.782	85.5	−60.4	11.8	61.7	169	0.0	1.0	0.317	0.0	1.0	0.88	86.1	−54.2	0.4	54.3	179	0.0	1.0	0.317	
141	170	180	0.0	1.0	0.333	83.9	−78.8	61.7	100.1	141	0.0	1.0	0.791	85.6	−59.9	10.6	60.9	170	0.0	1.0	0.333	0.0	1.0	0.887	86.1	−53.9	−0.3	54.0	180	0.0	1.0	0.333	
142	171	181	0.0	1.0	0.35	83.9	−78.4	60.2	98.9	142	0.0	1.0	0.801	85.6	−59.4	9.4	60.2	171	0.0	1.0	0.35	0.0	1.0	0.893	86.2	−53.5	−1.2	53.6	181	0.0	1.0	0.35	
142	172	182	0.0	1.0	0.366	84.0	−78.0	58.8	97.7	142	0.0	1.0	0.81	85.7	−58.8	8.3	59.5	172	0.0	1.0	0.367	0.0	1.0	0.9	86.2	−53.2	−2.0	53.3	182	0.0	1.0	0.367	
143	173	183	0.0	1.0	0.383	84.0	−77.6	57.2	96.4	143	0.0	1.0	0.82	85.7	−58.2	7.2	58.8	173	0.0	1.0	0.383	0.0	1.0	0.906	86.3	−52.8	−2.9	53.0	183	0.0	1.0	0.383	
144	174	184	0.0	1.0	0.4	84.0	−77.1	55.4	94.9	144	0.0	1.0	0.829	85.8	−57.6	6.1	58.1	174	0.0	1.0	0.4	0.0	1.0	0.913	86.3	−52.4	−3.7	52.6	184	0.0	1.0	0.4	
145	175	185	0.0	1.0	0.416	84.1	−76.6	53.6	93.5	145	0.0	1.0	0.839	85.8	−57.0	5.0	57.3	175	0.0	1.0	0.417	0.0	1.0	0.919	86.3	−52.0	−4.5	52.3	185	0.0	1.0	0.417	
145	176	185	0.0	1.0	0.433	84.1	−76.1	51.8	92.1	145	0.0	1.0	0.848	85.9	−56.4	4.0	56.6	176	0.0	1.0	0.433	0.0	1.0	0.926	86.4	−51.6	−5.3	52.0	185	0.0	1.0	0.433	
146	177	186	0.0	1.0	0.45	84.2	−75.6	50.0	90.6	146	0.0	1.0	0.857	86.0	−55.7	2.9	55.9	177	0.0	1.0	0.45	0.0	1.0	0.932	86.4	−51.2	−6.1	51.6	186	0.0	1.0	0.45	
147	178	187	0.0	1.0	0.466	84.2	−75.0	48.3	89.2	147	0.0	1.0	0.867	86.0	−55.1	1.9	55.2	178	0.0	1.0	0.467	0.0	1.0	0.939	86.5	−50.7	−6.8	51.3	187	0.0	1.0	0.467	
147	179	188	0.0	1.0	0.483	84.3	−74.4	46.6	87.8	147	0.0	1.0	0.876	86.1	−54.4	1.0	54.5	179	0.0	1.0	0.483	0.0	1.0	0.945	86.5	−50.3	−7.6	51.0	188	0.0	1.0	0.483	
148	180	189	0.0	1.0	0.5	84.3	−73.7	44.9	86.4	148	0.0	1.0	0.883	86.1	−54.1	0.0	54.2	180	0.0	1.0	0.5	0.0	1.0	0.952	86.6	−49.8	−8.3	50.6	189	0.0	1.0	0.5	
149	181	190	0.0	1.0	0.516	84.4	−73.2	42.9	84.8	149	0.0	1.0	0.89	86.2	−53.7	−0.8	53.8	181	0.0	1.0	0.517	0.0	1.0	0.958	86.6	−49.3	−9.1	50.3	190	0.0	1.0	0.517	
150	182	191	0.0	1.0	0.533	84.4	−72.6	40.9	83.3	150	0.0	1.0	0.897	86.2	−53.3	−1.8	53.4	182	0.0	1.0	0.533	0.0	1.0	0.965	86.6	−48.9	−9.8	50.0	191	0.0	1.0	0.533	
151	183	192	0.0	1.0	0.55	84.5	−71.9	39.0	81.8	151	0.0	1.0	0.905	86.2	−52.9	−2.7	53.1	183	0.0	1.0	0.55	0.0	1.0	0.971	86.7	−48.4	−10.5	49.6	192	0.0	1.0	0.55	
152	184	193	0.0	1.0	0.566	84.5	−71.2	37.0	80.3	152	0.0	1.0	0.912	86.3	−52.5	−3.6	52.7	184	0.0	1.0	0.567	0.0	1.0	0.978	86.7	−47.9	−11.2	49.3	193	0.0	1.0	0.567	
153	185	194	0.0	1.0	0.583	84.6	−70.5	35.2	78.8	153	0.0	1.0	0.919	86.3	−52.0	−4.5	52.3	185	0.0	1.0	0.583	0.0	1.0	0.984	86.8	−47.4	−11.9	48.9	194	0.0	1.0	0.583	
154	186	195	0.0	1.0	0.6	84.6	−69.7	33.3	77.3	154	0.0	1.0	0.926	86.4	−51.6	−5.3	52.0	186	0.0	1.0	0.6	0.0	1.0	0.991	86.8	−46.8	−12.5	48.6	195	0.0	1.0	0.6	
155	187	195	0.0	1.0	0.616	84.7	−68.9	31.5	75.8	155	0.0	1.0	0.933	86.4	−51.1	−6.2	51.6	187	0.0	1.0	0.617	0.0	1.0	0.997	86.9	−46.3	−13.2	48.3	195	0.0	1.0	0.617	
156	188	196	0.0	1.0	0.633	84.8	−68.1	29.5	74.3	156	0.0	1.0	0.94	86.5	−50.6	−7.0	51.2	188	0.0	1.0	0.633	0.0	0.997	1.0	86.7	−45.8	−13.9	48.0	196	0.0	1.0	0.633	
157	189	197	0.0	1.0	0.65	84.8	−67.4	27.4	72.8	157	0.0	1.0	0.947	86.5	−50.1	−7.9	50.8	189	0.0	1.0	0.65	0.0	0.992	1.0	86.3	−45.4	−14.5	47.8	197	0.0	1.0	0.65	
159	190	198	0.0	1.0	0.666	84.9	−66.7	25.4	71.3	159	0.0	1.0	0.955	86.6	−49.6	−8.7	50.5	190	0.0	1.0	0.667	0.0	0.987	1.0	86.0	−44.9	−15.2	47.5	198	0.0	1.0	0.667	
160	191	199	0.0	1.0	0.683	85.0	−65.8	23.4	69.9	160	0.0	1.0	0.962	86.6	−49.1	−9.5	50.1	191	0.0	1.0	0.683	0.0	0.983	1.0	85.6	−44.4	−15.8	47.3	199	0.0	1.0	0.683	
161	192	200	0.0	1.0	0.7	85.1	−65.0	21.4	68.4	161	0.0	1.0	0.969	86.7	−48.6	−10.2	49.7	192	0.0	1.0	0.7	0.0	0.978	1.0	85.3	−44.0	−16.4	47.1	200	0.0	1.0	0.7	
163	193	201	0.0	1.0	0.716	85.2	−64.0	19.5	67.0	163	0.0	1.0	0.976	86.7	−48.0	−11.0	49.4	193	0.0	1.0	0.717	0.0	0.973	1.0	85.0	−43.5	−17.0	46.8	201	0.0	1.0	0.717	
164	194	202	0.0	1.0	0.733	85.2	−63.1	17.6	65.5	164	0.0	1.0	0.983	86.8	−47.5	−11.8	49.0	194	0.0	1.0	0.733	0.0	0.968	1.0	84.6	−43.0	−17.6	46.6	202	0.0	1.0	0.733	
165	195	203	0.0	1.0	0.75	85.3	−62.0	15.9	64.0	165	0.0	1.0	0.99	86.8	−46.9	−12.5	48.6	195	0.0	1.0	0.75	0.0	0.963	1.0	84.3	−42.5	−18.2	46.4	203	0.0	1.0	0.75	
167	196	204	0.0	1.0	0.766	85.4	−61.2	13.7	62.8	167	0.0	1.0	0.997	86.9	−46.3	−13.2	48.3	196	0.0	1.0	0.767	0.0	0.958	1.0	83.9	−42.0	−18.8	46.1	204	0.0	1.0	0.767	
169	197	205	0.0	1.0	0.783	85.5	−60.4	11.5	61.5	169	0.0	0.997	1.0	86.6	−45.8	−13.9	48.0	197	0.0	1.0	0.783	0.0	0.953	1.0	83.6	−41.5	−19.4	45.9	205	0.0	1.0	0.783	
170	198	206	0.0	1.0	0.8	85.6	−59.5	9.5	60.2	170	0.0	0.991	1.0	86.3	−45.3	−14.6	47.7	198	0.0	1.0	0.8	0.0	0.949	1.0	83.2	−40.9	−19.9	45.7	206	0.0	1.0	0.8	
172	199	206	0.0	1.0	0.816	85.7	−58.5	7.5	59.0	172	0.0	0.986	1.0	85.9	−44.8	−15.4	47.5	199	0.0	1.0	0.817	0.0	0.944	1.0	82.9	−40.4	−20.5	45.4	206	0.0	1.0	0.817	
174	200	207	0.0	1.0	0.833	85.8	−57.4	5.5	57.7	174	0.0	0.981	1.0	85.5	−44.3	−16.0	47.2	200	0.0	1.0	0.833	0.0	0.939	1.0	82.5	−39.9	−21.0	45.2	207	0.0	1.0	0.833	
176	201	208	0.0	1.0	0.85	85.9	−56.3	3.7	56.4	176	0.0	0.975	1.0	85.1	−43.7	−16.7	47.0	201	0.0	1.0	0.85	0.0	0.934	1.0	82.2	−39.3	−21.5	45.0	208	0.0	1.0	0.85	
177	202	209	0.0	1.0	0.866	86.0	−55.1	1.9	55.2	177	0.0	0.97	1.0	84.7	−43.2	−17.4	46.7	202	0.0	1.0	0.867	0.0	0.929	1.0	81.8	−38.8	−22.1	44.7	209	0.0	1.0	0.867	
180	203	210	0.0	1.0	0.883	86.1	−54.1	0.0	54.1	180	0.0	0.965	1.0	84.4	−42.7	−18.0	46.4	203	0.0	1.0	0.883	0.0	0.924	1.0	81.5	−38.2	−22.6	44.5	210	0.0	1.0	0.883	
182	204	211	0.0	1.0	0.9	86.2	−53.2	−2.1	53.2	182	0.0	0.959	1.0	84.0	−42.1	−18.7	46.2	204	0.0	1.0	0.9	0.0	0.919	1.0	81.2	−37.7	−23.0	44.3	211	0.0	1.0	0.9	
184	205	212	0.0	1.0	0.916	86.3	−52.2	−4.2	52.4	184	0.0	0.954	1.0	83.6	−41.5	−19.3	45.9	205	0.0	1.0	0.917	0.0	0.915	1.0	80.8	−37.1	−23.5	44.0	212	0.0	1.0	0.917	
187	206	213	0.0	1.0	0.933	86.4	−51.1	−6.3	51.5	187	0.0	0.949	1.0	83.2	−41.0	−19.9	45.7	206	0.0	1.0	0.933	0.0	0.91	1.0	80.5	−36.5	−24.0	43.8	213	0.0	1.0	0.933	
189	207	214	0.0	1.0	0.95	86.5	−50.0	−8.2	50.7	189	0.0	0.943	1.0	82.9	−40.4	−20.5	45.4	207	0.0	1.0	0.95	0.0	0.905	1.0	80.1	−35.9	−24.4	43.6	214	0.0	1.0	0.95	
191	208	215	0.0	1.0	0.966	86.6	−48.8	−10.1	49.8	191	0.0	0.938	1.0	82.5	−39.8	−21.1	45.2	208	0.0	1.0	0.967	0.0	0.9	1.0	79.8	−35.3	−24.9	43.3	215	0.0	1.0	0.967	
194	209	216	0.0	1.0	0.983	86.7	−47.5	−11.8	48.9	194	0.0	0.933	1.0	82.1	−39.2	−21.7	44.9	209	0.0	1.0	0.983	0.0	0.895	1.0	79.4	−34.8	−25.3	43.1	216	0.0	1.0	0.983	
196	210	216	0.0	1.0	1.0	86.8	−46.1	−13.5	48.1	196	C_d	0.0	0.927	1.0	81.7	−38.6	−22.2	44.7	210	C_s	0.0	1.0	1.0	0.0	0.89	1.0	79.1	−34.2	−25.7	42.9	216	C_e	0.0	1.0	1.0	

TUB-prøveplansje RN89; 16-trinns fargetonesirkel, *cf*=1
48-trinns fargetonesirkel; *rgb*−*LabCh**tabeller

input: *rgb/cmyk* −> *rgb*$_{dd}$
output: 3D-linearisering til *rgb**$_{dd}$

Data til maksimalfargen M in fargemetrisk system Offset standard print; separation cmyn6*, 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*$_d$: $h_{ab,d}$ = 40.0, 102.9, 136.0, 196.4, 306.3, 328.2; seks fargetonevinkler til elementærfargene *RYGCBM*$_e$: $h_{ab,e}$ = 25.5, 92.3, 162.2, 217.0, 271.7, 328.6

$h_{ab,d}$	$h_{ab,s}$	$h_{ab,e}$	*rgb** dd361M			*LAB** 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
196	210	216	0.0	1.0	1.0	86.8	−46.1	−13.5	48.1	196	C_d	0.0	0.927	1.0	81.7	−38.6	−22.2	44.7	210	C_s	0.0	1.0	1.0	0.0	0.89	1.0	79.1	−34.2	−25.7	42.9	216	C_e	0.0	1.0	1.0			
199	211	217	0.0	0.983	1.0	85.6	−44.6	−15.8	47.3	199		0.0	0.922	1.0	81.3	−38.0	−22.8	44.4	211		0.0	0.983	1.0	0.0	0.885	1.0	78.7	−33.6	−26.1	42.7	217		0.0	0.983	1.0			
202	212	218	0.0	0.966	1.0	84.5	−42.9	−17.9	46.5	202		0.0	0.917	1.0	81.0	−37.3	−23.3	44.2	212		0.0	0.967	1.0	0.0	0.881	1.0	78.4	−33.0	−26.5	42.4	218		0.0	0.967	1.0			
205	213	219	0.0	0.95	1.0	83.3	−41.1	−19.8	45.7	205		0.0	0.911	1.0	80.6	−36.7	−23.8	43.9	213		0.0	0.95	1.0	0.0	0.876	1.0	78.0	−32.3	−26.9	42.2	219		0.0	0.95	1.0			
208	214	220	0.0	0.933	1.0	82.1	−39.3	−21.7	44.9	208		0.0	0.906	1.0	80.2	−36.1	−24.3	43.6	214		0.0	0.933	1.0	0.0	0.871	1.0	77.7	−31.9	−27.4	42.2	220		0.0	0.933	1.0			
212	215	221	0.0	0.916	1.0	80.9	−37.4	−23.4	44.1	212		0.0	0.901	1.0	79.8	−35.4	−24.8	43.4	215		0.0	0.917	1.0	0.0	0.867	1.0	77.4	−31.5	−27.9	42.3	221		0.0	0.917	1.0			
215	216	222	0.0	0.9	1.0	79.7	−35.4	−24.9	43.3	215		0.0	0.895	1.0	79.5	−34.8	−25.3	43.1	216		0.0	0.9	1.0	0.0	0.863	1.0	77.2	−31.1	−28.5	42.3	222		0.0	0.9	1.0			
218	217	223	0.0	0.883	1.0	78.5	−33.4	−26.3	42.5	218		0.0	0.89	1.0	79.1	−34.1	−25.7	42.9	217		0.0	0.883	1.0	0.0	0.859	1.0	76.9	−30.7	−29.0	42.4	223		0.0	0.883	1.0			
221	218	224	0.0	0.866	1.0	77.4	−31.5	−28.1	42.2	221		0.0	0.885	1.0	78.7	−33.5	−26.1	42.6	218		0.0	0.867	1.0	0.0	0.855	1.0	76.6	−30.3	−29.6	42.5	224		0.0	0.867	1.0			
225	219	225	0.0	0.85	1.0	76.2	−29.9	−30.2	42.5	225		0.0	0.879	1.0	78.3	−32.8	−26.6	42.4	219		0.0	0.85	1.0	0.0	0.851	1.0	76.3	−29.9	−30.1	42.6	225		0.0	0.85	1.0			
228	220	226	0.0	0.833	1.0	75.0	−28.1	−32.3	42.8	228		0.0	0.874	1.0	77.9	−32.2	−27.0	42.2	220		0.0	0.833	1.0	0.0	0.846	1.0	76.0	−29.4	−30.6	42.6	226		0.0	0.833	1.0			
232	221	227	0.0	0.816	1.0	73.8	−26.1	−34.2	43.1	232		0.0	0.87	1.0	77.6	−31.8	−27.6	42.2	221		0.0	0.817	1.0	0.0	0.842	1.0	75.7	−29.0	−31.1	42.7	227		0.0	0.817	1.0			
236	222	227	0.0	0.8	1.0	72.6	−24.0	−36.0	43.3	236		0.0	0.865	1.0	77.3	−31.3	−28.2	42.3	222		0.0	0.8	1.0	0.0	0.838	1.0	75.4	−28.5	−31.6	42.8	227		0.0	0.8	1.0			
239	223	228	0.0	0.783	1.0	71.4	−21.8	−37.7	43.6	239		0.0	0.861	1.0	77.0	−30.9	−28.8	42.4	223		0.0	0.783	1.0	0.0	0.834	1.0	75.1	−28.1	−32.1	42.8	228		0.0	0.783	1.0			
243	224	229	0.0	0.766	1.0	70.2	−19.5	−39.3	43.9	243		0.0	0.856	1.0	76.7	−30.4	−29.4	42.5	224		0.0	0.767	1.0	0.0	0.83	1.0	74.8	−27.6	−32.6	42.9	229		0.0	0.767	1.0			
247	225	230	0.0	0.75	1.0	69.1	−17.0	−40.7	44.1	247		0.0	0.851	1.0	76.3	−30.0	−30.0	42.5	225		0.0	0.75	1.0	0.0	0.826	1.0	74.5	−27.1	−33.1	43.0	230		0.0	0.75	1.0			
250	226	231	0.0	0.733	1.0	67.9	−15.3	−42.9	45.5	250		0.0	0.847	1.0	76.0	−29.5	−30.6	42.6	226		0.0	0.733	1.0	0.0	0.821	1.0	74.2	−26.6	−33.6	43.0	231		0.0	0.733	1.0			
253	227	232	0.0	0.716	1.0	66.7	−13.5	−44.9	46.9	253		0.0	0.842	1.0	75.7	−29.0	−31.1	42.7	227		0.0	0.717	1.0	0.0	0.817	1.0	73.9	−26.1	−34.1	43.1	232		0.0	0.717	1.0			
256	228	233	0.0	0.7	1.0	65.5	−11.4	−46.9	48.3	256		0.0	0.838	1.0	75.4	−28.5	−31.7	42.8	228		0.0	0.7	1.0	0.0	0.813	1.0	73.6	−25.6	−34.6	43.2	233		0.0	0.7	1.0			
259	229	234	0.0	0.683	1.0	64.4	−9.2	−48.8	49.7	259		0.0	0.833	1.0	75.0	−28.0	−32.2	42.8	229		0.0	0.683	1.0	0.0	0.809	1.0	73.3	−25.1	−35.0	43.2	234		0.0	0.683	1.0			
262	230	235	0.0	0.666	1.0	63.2	−6.8	−50.6	51.1	262		0.0	0.829	1.0	74.7	−27.5	−32.8	42.9	230		0.0	0.667	1.0	0.0	0.805	1.0	73.0	−24.6	−35.5	43.3	235		0.0	0.667	1.0			
265	231	236	0.0	0.65	1.0	62.0	−4.2	−52.3	52.5	265		0.0	0.824	1.0	74.4	−26.9	−33.3	43.0	231		0.0	0.65	1.0	0.0	0.801	1.0	72.7	−24.1	−35.9	43.4	236		0.0	0.65	1.0			
268	232	237	0.0	0.633	1.0	60.9	−1.5	−53.9	53.9	268		0.0	0.82	1.0	74.1	−26.4	−33.8	43.1	232		0.0	0.633	1.0	0.0	0.797	1.0	72.4	−23.5	−36.3	43.4	237		0.0	0.633	1.0			
270	233	237	0.0	0.616	1.0	59.7	0.8	−55.6	55.7	270		0.0	0.815	1.0	73.7	−25.9	−34.3	43.1	233		0.0	0.617	1.0	0.0	0.792	1.0	72.1	−23.0	−36.8	43.5	237		0.0	0.617	1.0			
272	234	238	0.0	0.6	1.0	58.6	2.9	−57.7	57.8	272		0.0	0.81	1.0	73.4	−25.3	−34.9	43.2	234		0.0	0.6	1.0	0.0	0.788	1.0	71.8	−22.4	−37.2	43.6	238		0.0	0.6	1.0			
274	235	239	0.0	0.583	1.0	57.4	5.1	−59.7	59.9	274		0.0	0.806	1.0	73.1	−24.7	−35.4	43.3	235		0.0	0.583	1.0	0.0	0.784	1.0	71.5	−21.8	−37.6	43.6	239		0.0	0.583	1.0			
276	236	240	0.0	0.566	1.0	56.3	7.4	−61.6	62.1	276		0.0	0.801	1.0	72.8	−24.1	−35.8	43.4	236		0.0	0.567	1.0	0.0	0.78	1.0	71.2	−21.3	−38.0	43.7	240		0.0	0.567	1.0			
278	237	241	0.0	0.55	1.0	55.2	10.0	−63.5	64.2	278		0.0	0.797	1.0	72.4	−23.6	−36.3	43.4	237		0.0	0.55	1.0	0.0	0.776	1.0	70.9	−20.7	−38.4	43.8	241		0.0	0.55	1.0			
280	238	242	0.0	0.533	1.0	54.0	12.6	−65.2	66.4	280		0.0	0.792	1.0	72.1	−23.0	−36.8	43.5	238		0.0	0.533	1.0	0.0	0.772	1.0	70.6	−20.1	−38.8	43.8	242		0.0	0.533	1.0			
283	239	243	0.0	0.516	1.0	52.9	15.4	−66.8	68.5	283		0.0	0.788	1.0	71.8	−22.3	−37.2	43.6	239		0.0	0.517	1.0	0.0	0.767	1.0	70.3	−19.5	−39.2	43.9	243		0.0	0.517	1.0			
285	240	244	0.0	0.5	1.0	51.7	18.3	−68.3	70.7	285		0.0	0.783	1.0	71.5	−21.7	−37.7	43.6	240		0.0	0.5	1.0	0.0	0.763	1.0	70.1	−18.9	−39.5	44.0	244		0.0	0.5	1.0			
286	241	245	0.0	0.483	1.0	50.7	20.6	−70.2	73.2	286		0.0	0.779	1.0	71.1	−21.1	−38.1	43.7	241		0.0	0.483	1.0	0.0	0.759	1.0	69.8	−18.3	−39.9	44.0	245		0.0	0.483	1.0			
287	242	246	0.0	0.466	1.0	49.6	22.9	−72.1	75.7	287		0.0	0.774	1.0	70.8	−20.5	−38.6	43.8	242		0.0	0.467	1.0	0.0	0.755	1.0	69.5	−17.7	−40.2	44.1	246		0.0	0.467	1.0			
288	243	247	0.0	0.45	1.0	48.6	25.4	−74.0	78.2	288		0.0	0.769	1.0	70.5	−19.8	−39.0	43.9	243		0.0	0.45	1.0	0.0	0.751	1.0	69.2	−17.1	−40.6	44.2	247		0.0	0.45	1.0			
290	244	248	0.0	0.433	1.0	47.5	28.0	−75.7	80.7	290		0.0	0.765	1.0	70.2	−19.2	−39.4	43.9	244		0.0	0.433	1.0	0.0	0.746	1.0	68.8	−16.6	−41.2	44.5	248		0.0	0.433	1.0			
291	245	248	0.0	0.416	1.0	46.5	30.6	−77.4	83.2	291		0.0	0.76	1.0	69.8	−18.5	−39.8	44.0	245		0.0	0.417	1.0	0.0	0.741	1.0	68.5	−16.1	−41.8	45.0	248		0.0	0.417	1.0			
292	246	249	0.0	0.4	1.0	45.4	33.3	−79.0	85.7	292		0.0	0.756	1.0	69.5	−17.8	−40.2	44.1	246		0.0	0.4	1.0	0.0	0.736	1.0	68.1	−15.5	−42.5	45.4	249		0.0	0.4	1.0			
294	247	250	0.0	0.383	1.0	44.3	36.2	−80.5	88.2	294		0.0	0.751	1.0	69.2	−17.2	−40.6	44.2	247		0.0	0.383	1.0	0.0	0.731	1.0	67.8	−15.0	−43.1	45.8	250		0.0	0.383	1.0			
295	248	251	0.0	0.366	1.0	43.4	38.7	−82.0	90.7	295		0.0	0.746	1.0	68.8	−16.6	−41.2	44.5	248		0.0	0.367	1.0	0.0	0.726	1.0	67.4	−14.4	−43.8	46.2	251		0.0	0.367	1.0			
296	249	252	0.0	0.35	1.0	42.5	41.0	−83.6	93.2	296		0.0	0.74	1.0	68.4	−16.0	−41.9	45.0	249		0.0	0.35	1.0	0.0	0.721	1.0	67.0	−13.9	−44.4	46.6	252		0.0	0.35	1.0			
296	250	253	0.0	0.333	1.0	41.6	43.4	−85.2	95.6	296		0.0	0.735	1.0	68.0	−15.4	−42.6	45.5	250		0.0	0.333	1.0	0.0	0.716	1.0	66.7	−13.3	−45.0	47.1	253		0.0	0.333	1.0			
297	251	254	0.0	0.316	1.0	40.7	45.8	−86.7	98.1	297		0.0	0.729	1.0	67.7	−14.8	−43.3	45.9	251		0.0	0.317	1.0	0.0	0.71	1.0	66.3	−12.7	−45.6	47.5	254		0.0	0.317	1.0			
298	252	255	0.0	0.3	1.0	39.8	48.2	−88.2	100.5	298		0.0	0.724	1.0	67.3	−14.2	−44.0	46.4	252		0.0	0.3	1.0	0.0	0.705	1.0	66.0	−12.0	−46.2	47.9	255		0.0	0.3	1.0			
299	253	256	0.0	0.283	1.0	38.9	50.7	−89.6	103.0	299		0.0	0.718	1.0	66.9	−13.6	−44.7	46.8	253		0.0	0.283	1.0	0.0	0.7	1.0	65.6	−11.4	−46.8	48.3	256		0.0	0.283	1.0			
300	254	257	0.0	0.266	1.0	38.0	53.3	−91.0	105.4	300		0.0	0.713	1.0	66.5	−12.9	−45.4	47.3	254		0.0	0.267	1.0	0.0	0.695	1.0	65.3	−10.8	−47.4	48.8	257		0.0	0.267	1.0			
301	255	258	0.0	0.25	1.0	37.1	55.9	−92.3	107.9	301		0.0	0.707	1.0	66.1	−12.3	−46.0	47.8	255		0.0	0.25	1.0	0.0	0.69	1.0	64.9	−10.1	−48.0	49.2	258		0.0	0.25	1.0			

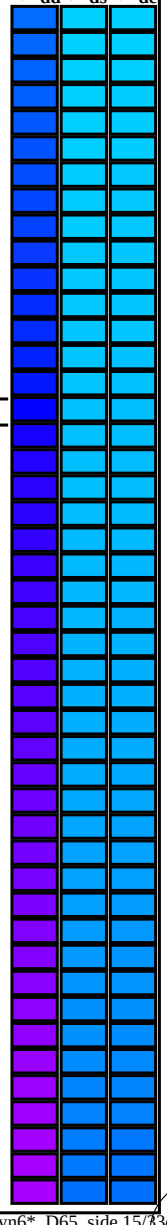


TUB-prøveplansje RN89; 16-trinns fargetonesirkel, *cf*=1
48-trinns fargetonesirkel; *rgb*−*LabCh**tabeller

input: *rgb/cmyk* −> *rgb*$_{dd}$
output: 3D-linearisering til *rgb**$_{dd}$

Data til maksimalfargen M in fargemetrisk system Offset standard print; separation cmyn6*, 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*$_d$: $h_{ab,d}$ = 40.0, 102.9, 136.0, 196.4, 306.3, 328.2; seks fargetonevinkler til elementærfargene *RYGCBM*$_e$: $h_{ab,e}$ = 25.5, 92.3, 162.2, 217.0, 271.7, 328.6

$h_{ab,d}$	$h_{ab,s}$	$h_{ab,e}$	*rgb**dd361M			*LAB**ddx361Mi (x=LabCh)					*rgb**ds361Mi			*LAB**dsx361Mi (x=LabCh)					*rgb**dd361Mi			*rgb**de361Mi			*LAB**dex361Mi (x=LabCh)					*rgb**dd361Mi		
301	255	258	0.0	0.25	1.0	37.1	55.9	−92.3	107.9	301	0.0	0.707	1.0	66.1	−12.3	−46.0	47.8	255	0.0	0.25	1.0	0.0	0.69	1.0	64.9	−10.1	−48.0	49.2	258	0.0	0.25	1.0
301	256	258	0.0	0.233	1.0	36.5	57.6	−93.4	109.7	301	0.0	0.702	1.0	65.7	−11.6	−46.7	48.2	256	0.0	0.233	1.0	0.0	0.685	1.0	64.6	−9.4	−48.6	49.6	258	0.0	0.233	1.0
302	257	259	0.0	0.216	1.0	35.9	59.4	−94.5	111.6	302	0.0	0.696	1.0	65.3	−10.9	−47.3	48.7	257	0.0	0.217	1.0	0.0	0.68	1.0	64.2	−8.7	−49.1	50.0	259	0.0	0.217	1.0
302	258	260	0.0	0.2	1.0	35.2	61.2	−95.5	113.5	302	0.0	0.691	1.0	64.9	−10.1	−48.0	49.1	258	0.0	0.2	1.0	0.0	0.675	1.0	63.8	−8.0	−49.7	50.4	260	0.0	0.2	1.0
303	259	261	0.0	0.183	1.0	34.6	63.0	−96.6	115.3	303	0.0	0.685	1.0	64.5	−9.4	−48.6	49.6	259	0.0	0.183	1.0	0.0	0.67	1.0	63.5	−7.2	−50.2	50.9	261	0.0	0.183	1.0
303	260	262	0.0	0.166	1.0	34.0	64.8	−97.6	117.2	303	0.0	0.679	1.0	64.2	−8.6	−49.2	50.1	260	0.0	0.167	1.0	0.0	0.665	1.0	63.1	−6.5	−50.8	51.3	262	0.0	0.167	1.0
304	261	263	0.0	0.15	1.0	33.4	66.7	−98.6	119.1	304	0.0	0.674	1.0	63.8	−7.8	−49.8	50.5	261	0.0	0.15	1.0	0.0	0.66	1.0	62.8	−5.7	−51.3	51.7	263	0.0	0.15	1.0
304	262	264	0.0	0.133	1.0	32.8	68.6	−99.6	120.9	304	0.0	0.668	1.0	63.4	−7.0	−50.4	51.0	262	0.0	0.133	1.0	0.0	0.655	1.0	62.4	−5.0	−51.8	52.1	264	0.0	0.133	1.0
304	263	265	0.0	0.116	1.0	32.3	70.0	−100.3	122.3	304	0.0	0.663	1.0	63.0	−6.2	−51.0	51.5	263	0.0	0.117	1.0	0.0	0.65	1.0	62.1	−4.2	−52.3	52.5	265	0.0	0.117	1.0
305	264	266	0.0	0.1	1.0	32.0	70.8	−100.8	123.2	305	0.0	0.657	1.0	62.6	−5.3	−51.5	51.9	264	0.0	0.1	1.0	0.0	0.645	1.0	61.7	−3.4	−52.8	53.0	266	0.0	0.1	1.0
305	265	267	0.0	0.083	1.0	31.7	71.7	−101.2	124.1	305	0.0	0.652	1.0	62.2	−4.5	−52.1	52.4	265	0.0	0.083	1.0	0.0	0.64	1.0	61.4	−2.5	−53.2	53.4	267	0.0	0.083	1.0
305	266	268	0.0	0.066	1.0	31.5	72.5	−101.7	124.9	305	0.0	0.646	1.0	61.8	−3.6	−52.6	52.8	266	0.0	0.067	1.0	0.0	0.635	1.0	61.0	−1.7	−53.7	53.8	268	0.0	0.067	1.0
305	267	269	0.0	0.049	1.0	31.2	73.4	−102.2	125.8	305	0.0	0.641	1.0	61.4	−2.7	−53.1	53.3	267	0.0	0.05	1.0	0.0	0.63	1.0	60.6	−0.8	−54.1	54.2	269	0.0	0.05	1.0
305	268	269	0.0	0.033	1.0	30.9	74.3	−102.6	126.7	305	0.0	0.635	1.0	61.0	−1.8	−53.6	53.8	268	0.0	0.033	1.0	0.0	0.624	1.0	60.3	0.0	−54.6	54.7	269	0.0	0.033	1.0
306	269	270	0.0	0.016	1.0	30.6	75.1	−103.1	127.6	306	0.0	0.63	1.0	60.6	−0.8	−54.1	54.2	269	0.0	0.017	1.0	0.0	0.617	1.0	59.8	0.8	−55.6	55.7	270	0.0	0.017	1.0
306	270	271	0.0	0.0	1.0	30.3	76.0	−103.5	128.5	306	B_d	0.624	1.0	60.2	0.0	−54.7	54.8	270	B_s	0.0	0.0	1.0	0.609	1.0	59.3	1.7	−56.5	56.6	271	B_e	0.0	0.0	1.0
306	271	272	0.016	0.0	1.0	30.4	76.0	−103.4	128.4	306	0.0	0.615	1.0	59.7	1.0	−55.7	55.9	271	0.017	0.0	1.0	0.0	0.602	1.0	58.7	2.7	−57.5	57.6	272	0.017	0.0	1.0
306	272	273	0.033	0.0	1.0	30.5	76.1	−103.3	128.3	306	0.0	0.607	1.0	59.1	2.0	−56.8	56.9	272	0.033	0.0	1.0	0.0	0.594	1.0	58.2	3.7	−58.4	58.6	273	0.033	0.0	1.0
306	273	274	0.05	0.0	1.0	30.6	76.1	−103.1	128.2	306	0.0	0.599	1.0	58.5	3.0	−57.8	58.0	273	0.05	0.0	1.0	0.0	0.586	1.0	57.7	4.8	−59.4	59.7	274	0.05	0.0	1.0
306	274	275	0.066	0.0	1.0	30.7	76.1	−103.0	128.1	306	0.0	0.591	1.0	58.0	4.1	−58.8	59.0	274	0.067	0.0	1.0	0.0	0.578	1.0	57.1	5.8	−60.3	60.7	275	0.067	0.0	1.0
306	275	276	0.083	0.0	1.0	30.8	76.2	−102.8	128.0	306	0.0	0.583	1.0	57.4	5.2	−59.8	60.1	275	0.083	0.0	1.0	0.0	0.57	1.0	56.6	7.0	−61.2	61.7	276	0.083	0.0	1.0
306	276	277	0.1	0.0	1.0	30.9	76.2	−102.7	127.9	306	0.0	0.574	1.0	56.9	6.4	−60.7	61.2	276	0.1	0.0	1.0	0.0	0.563	1.0	56.1	8.1	−62.0	62.7	277	0.1	0.0	1.0
306	277	278	0.116	0.0	1.0	30.9	76.2	−102.5	127.8	306	0.0	0.566	1.0	56.3	7.6	−61.7	62.2	277	0.117	0.0	1.0	0.0	0.555	1.0	55.5	9.3	−62.9	63.7	278	0.117	0.0	1.0
306	278	279	0.133	0.0	1.0	31.1	76.3	−102.3	127.6	306	0.0	0.558	1.0	55.7	8.8	−62.6	63.3	278	0.133	0.0	1.0	0.0	0.547	1.0	55.0	10.5	−63.7	64.7	279	0.133	0.0	1.0
306	279	280	0.15	0.0	1.0	31.3	76.3	−101.9	127.4	306	0.0	0.55	1.0	55.2	10.1	−63.5	64.3	279	0.15	0.0	1.0	0.0	0.539	1.0	54.5	11.7	−64.5	65.7	280	0.15	0.0	1.0
306	280	281	0.166	0.0	1.0	31.5	76.4	−101.6	127.1	306	0.0	0.541	1.0	54.6	11.4	−64.3	65.4	280	0.167	0.0	1.0	0.0	0.531	1.0	53.9	13.0	−65.3	66.7	281	0.167	0.0	1.0
307	281	282	0.183	0.0	1.0	31.7	76.5	−101.2	126.9	307	0.0	0.533	1.0	54.1	12.7	−65.1	66.5	281	0.183	0.0	1.0	0.0	0.524	1.0	53.4	14.3	−66.1	67.7	282	0.183	0.0	1.0
307	282	283	0.2	0.0	1.0	31.9	76.6	−100.9	126.7	307	0.0	0.525	1.0	53.5	14.0	−66.0	67.5	282	0.2	0.0	1.0	0.0	0.516	1.0	52.9	15.6	−66.8	68.7	283	0.2	0.0	1.0
307	283	284	0.216	0.0	1.0	32.1	76.6	−100.5	126.4	307	0.0	0.517	1.0	52.9	15.4	−66.7	68.6	283	0.217	0.0	1.0	0.0	0.508	1.0	52.3	16.9	−67.5	69.7	284	0.217	0.0	1.0
307	284	285	0.233	0.0	1.0	32.3	76.7	−100.1	126.2	307	0.0	0.508	1.0	52.4	16.9	−67.5	69.7	284	0.233	0.0	1.0	0.0	0.5	1.0	51.8	18.3	−68.2	70.7	285	0.233	0.0	1.0
307	285	285	0.25	0.0	1.0	32.6	76.8	−99.8	125.9	307	0.0	0.5	1.0	51.8	18.3	−68.2	70.7	285	0.25	0.0	1.0	0.0	0.488	1.0	51.0	19.9	−69.6	72.5	285	0.25	0.0	1.0
307	286	286	0.266	0.0	1.0	32.9	77.0	−99.2	125.6	307	0.0	0.488	1.0	51.0	20.0	−69.7	72.6	286	0.267	0.0	1.0	0.0	0.476	1.0	50.3	21.6	−71.0	74.3	286	0.267	0.0	1.0
308	287	287	0.283	0.0	1.0	33.2	77.1	−98.6	125.2	308	0.0	0.475	1.0	50.2	21.8	−71.2	74.5	287	0.283	0.0	1.0	0.0	0.464	1.0	49.5	23.3	−72.4	76.1	287	0.283	0.0	1.0
308	288	288	0.3	0.0	1.0	33.6	77.3	−98.1	124.9	308	0.0	0.462	1.0	49.4	23.6	−72.6	76.4	288	0.3	0.0	1.0	0.0	0.452	1.0	48.8	25.1	−73.7	77.9	288	0.3	0.0	1.0
308	289	289	0.316	0.0	1.0	33.9	77.4	−97.5	124.5	308	0.0	0.45	1.0	48.6	25.5	−74.0	78.3	289	0.317	0.0	1.0	0.0	0.44	1.0	48.0	26.9	−75.0	79.8	289	0.317	0.0	1.0
308	290	290	0.333	0.0	1.0	34.3	77.6	−96.9	124.1	308	0.0	0.437	1.0	47.8	27.4	−75.3	80.2	290	0.333	0.0	1.0	0.0	0.428	1.0	47.2	28.8	−76.2	81.6	290	0.333	0.0	1.0
308	291	291	0.35	0.0	1.0	34.6	77.7	−96.3	123.8	308	0.0	0.424	1.0	47.0	29.4	−76.6	82.1	291	0.35	0.0	1.0	0.0	0.416	1.0	46.5	30.7	−77.4	83.4	291	0.35	0.0	1.0
309	292	292	0.366	0.0	1.0	34.9	77.9	−95.7	123.4	309	0.0	0.412	1.0	46.2	31.5	−77.8	84.1	292	0.367	0.0	1.0	0.0	0.404	1.0	45.7	32.7	−78.5	85.2	292	0.367	0.0	1.0
309	293	293	0.383	0.0	1.0	35.3	78.1	−95.1	123.0	309	0.0	0.399	1.0	45.4	33.6	−79.0	86.0	293	0.383	0.0	1.0	0.0	0.392	1.0	44.9	34.7	−79.7	87.0	293	0.383	0.0	1.0
309	294	294	0.4	0.0	1.0	35.8	78.3	−94.3	122.6	309	0.0	0.386	1.0	44.6	35.7	−80.2	87.9	294	0.4	0.0	1.0	0.0	0.38	1.0	44.2	36.8	−80.7	88.8	294	0.4	0.0	1.0
310	295	295	0.416	0.0	1.0	36.3	78.6	−93.5	122.2	310	0.0	0.373	1.0	43.7	38.0	−81.4	89.9	295	0.417	0.0	1.0	0.0	0.364	1.0	43.3	39.2	−82.2	91.2	295	0.417	0.0	1.0
310	296	296	0.433	0.0	1.0	36.7	78.9	−92.7	121.8	310	0.0	0.353	1.0	42.7	40.7	−83.3	92.8	296	0.433	0.0	1.0	0.0	0.345	1.0	42.3	41.7	−84.0	93.9	296	0.433	0.0	1.0
310	297	297	0.45	0.0	1.0	37.2	79.1	−92.0	121.3	310	0.0	0.333	1.0	41.6	43.5	−85.2	95.7	297	0.45	0.0	1.0	0.0	0.327	1.0	41.3	44.4	−85.8	96.7	297	0.45	0.0	1.0
311	298	298	0.466	0.0	1.0	37.6	79.3	−91.2	120.9	311	0.0	0.313	1.0	40.5	46.3	−87.0	98.6	298	0.467	0.0	1.0	0.0	0.308	1.0	40.3	47.1	−87.5	99.4	298	0.467	0.0	1.0
311	299	299	0.483	0.0	1.0	38.1	79.6	−90.4	120.5	311	0.0	0.293	1.0	39.5	49.2	−88.7	101.5	299	0.483	0.0	1.0	0.0	0.289	1.0	39.2	49.9	−89.1	102.2	299	0.483	0.0	1.0
311	300	300	0.5	0.0	1.0	38.5	79.8	−89.7	120.0	311	0.0	0.274	1.0	38.4	52.2	−90.4	104.5	300	0.5	0.0	1.0	0.0	0.27	1.0	38.2	52.8	−90.6	105.0	300	0.5	0.0	1.0



Data til maksimalfargen M in fargemetrisk system Offset standard print; separation cmyn6*, 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*$_d$: $h_{ab,d}$ = 40.0, 102.9, 136.0, 196.4, 306.3, 328.2; seks fargetonevinkler til elementærfargene *RYGCBM*$_e$: $h_{ab,e}$ = 25.5, 92.3, 162.2, 217.0, 271.7, 328.6

$h_{ab,d}$	$h_{ab,s}$	$h_{ab,e}$	*rgb**dd361M			*LAB**ddx361Mi (x=LabCh)					*rgb**ds361Mi			*LAB**dsx361Mi (x=LabCh)					*rgb**dd361Mi			*rgb**de361Mi			*LAB**dex361Mi (x=LabCh)					*rgb**dd361Mi		
311	300	300	0.5	0.0	1.0	38.5	79.8	−89.7	120.0	311	0.0	0.274	1.0	38.4	52.2	−90.4	104.5	300	0.5	0.0	1.0	0.0	0.27	1.0	38.2	52.8	−90.6	105.0	300	0.5	0.0	1.0
312	301	301	0.516	0.0	1.0	39.1	80.2	−88.7	119.6	312	0.0	0.254	1.0	37.4	55.3	−91.9	107.4	301	0.517	0.0	1.0	0.0	0.251	1.0	37.2	55.7	−92.1	107.7	301	0.517	0.0	1.0
312	302	302	0.533	0.0	1.0	39.6	80.6	−87.8	119.2	312	0.0	0.222	1.0	36.1	58.8	−94.1	111.0	302	0.533	0.0	1.0	0.0	0.22	1.0	36.0	59.1	−94.2	111.3	302	0.533	0.0	1.0
312	303	303	0.55	0.0	1.0	40.2	80.9	−86.9	118.8	312	0.0	0.188	1.0	34.8	62.6	−96.3	114.9	303	0.55	0.0	1.0	0.0	0.187	1.0	34.8	62.6	−96.3	115.0	303	0.55	0.0	1.0
313	304	303	0.566	0.0	1.0	40.7	81.3	−86.0	118.3	313	0.0	0.153	1.0	33.5	66.4	−98.4	118.8	304	0.567	0.0	1.0	0.0	0.154	1.0	33.6	66.3	−98.3	118.6	303	0.567	0.0	1.0
313	305	304	0.583	0.0	1.0	41.3	81.6	−85.1	117.9	313	0.0	0.109	1.0	32.2	70.4	−100.4	122.7	305	0.583	0.0	1.0	0.0	0.117	1.0	32.4	70.0	−100.2	122.3	304	0.583	0.0	1.0
314	306	305	0.6	0.0	1.0	41.8	82.0	−84.1	117.5	314	0.0	0.024	1.0	30.8	74.8	−102.8	127.2	306	0.6	0.0	1.0	0.0	0.036	1.0	31.0	74.2	−102.5	126.6	305	0.6	0.0	1.0
314	307	306	0.616	0.0	1.0	42.4	82.3	−83.2	117.0	314	0.172	0.0	1.0	31.6	76.5	−101.4	127.1	307	0.617	0.0	1.0	0.146	0.0	1.0	31.3	76.4	−102.0	127.5	306	0.617	0.0	1.0
315	308	307	0.633	0.0	1.0	43.0	82.7	−82.2	116.6	315	0.282	0.0	1.0	33.2	77.2	−98.6	125.3	308	0.633	0.0	1.0	0.263	0.0	1.0	32.9	77.0	−99.3	125.7	307	0.633	0.0	1.0
315	309	308	0.65	0.0	1.0	43.6	83.2	−81.2	116.3	315	0.357	0.0	1.0	34.8	77.8	−96.0	123.7	309	0.65	0.0	1.0	0.335	0.0	1.0	34.3	77.6	−96.8	124.2	308	0.65	0.0	1.0
316	310	309	0.666	0.0	1.0	44.2	83.7	−80.2	115.9	316	0.414	0.0	1.0	36.2	78.6	−93.6	122.3	310	0.667	0.0	1.0	0.396	0.0	1.0	35.8	78.3	−94.4	122.8	309	0.667	0.0	1.0
316	311	310	0.683	0.0	1.0	44.8	84.1	−79.2	115.5	316	0.465	0.0	1.0	37.6	79.4	−91.2	121.0	311	0.683	0.0	1.0	0.445	0.0	1.0	37.1	79.1	−92.2	121.5	310	0.683	0.0	1.0
317	312	311	0.7	0.0	1.0	45.4	84.6	−78.1	115.2	317	0.513	0.0	1.0	39.0	80.1	−88.9	119.8	312	0.7	0.0	1.0	0.493	0.0	1.0	38.4	79.8	−89.9	120.3	311	0.7	0.0	1.0
317	313	312	0.716	0.0	1.0	46.0	85.0	−77.1	114.8	317	0.551	0.0	1.0	40.3	81.0	−86.8	118.8	313	0.717	0.0	1.0	0.532	0.0	1.0	39.6	80.6	−87.9	119.3	312	0.717	0.0	1.0
318	314	313	0.733	0.0	1.0	46.6	85.4	−76.1	114.4	318	0.59	0.0	1.0	41.6	81.8	−84.6	117.8	314	0.733	0.0	1.0	0.569	0.0	1.0	40.8	81.4	−85.8	118.3	313	0.733	0.0	1.0
318	315	314	0.75	0.0	1.0	47.2	85.8	−75.1	114.0	318	0.628	0.0	1.0	42.8	82.6	−82.5	116.8	315	0.75	0.0	1.0	0.605	0.0	1.0	42.1	82.1	−83.8	117.4	314	0.75	0.0	1.0
319	316	315	0.766	0.0	1.0	47.9	86.4	−74.0	113.8	319	0.66	0.0	1.0	44.0	83.5	−80.6	116.1	316	0.767	0.0	1.0	0.639	0.0	1.0	43.2	82.9	−81.8	116.6	315	0.767	0.0	1.0
320	317	316	0.783	0.0	1.0	48.5	87.0	−72.9	113.5	320	0.692	0.0	1.0	45.2	84.4	−78.6	115.4	317	0.783	0.0	1.0	0.669	0.0	1.0	44.3	83.8	−80.0	115.9	316	0.783	0.0	1.0
320	318	317	0.8	0.0	1.0	49.2	87.5	−71.8	113.2	320	0.724	0.0	1.0	46.3	85.2	−76.6	114.7	318	0.8	0.0	1.0	0.699	0.0	1.0	45.4	84.6	−78.1	115.2	317	0.8	0.0	1.0
321	319	318	0.816	0.0	1.0	49.8	88.1	−70.7	113.0	321	0.755	0.0	1.0	47.5	86.0	−74.7	114.0	319	0.817	0.0	1.0	0.729	0.0	1.0	46.5	85.4	−76.3	114.5	318	0.817	0.0	1.0
321	320	319	0.833	0.0	1.0	50.5	88.6	−69.6	112.7	321	0.783	0.0	1.0	48.6	87.0	−72.9	113.6	320	0.833	0.0	1.0	0.758	0.0	1.0	47.6	86.2	−74.5	114.0	319	0.833	0.0	1.0
322	321	320	0.85	0.0	1.0	51.2	89.1	−68.5	112.4	322	0.81	0.0	1.0	49.7	87.9	−71.1	113.1	321	0.85	0.0	1.0	0.785	0.0	1.0	48.6	87.1	−72.8	113.5	320	0.85	0.0	1.0
323	322	321	0.866	0.0	1.0	51.8	89.6	−67.4	112.1	323	0.838	0.0	1.0	50.7	88.8	−69.3	112.7	322	0.867	0.0	1.0	0.811	0.0	1.0	49.7	87.9	−71.0	113.1	321	0.867	0.0	1.0
323	323	321	0.883	0.0	1.0	52.5	90.1	−66.3	111.9	323	0.866	0.0	1.0	51.8	89.6	−67.4	112.2	323	0.883	0.0	1.0	0.837	0.0	1.0	50.7	88.8	−69.3	112.7	321	0.883	0.0	1.0
324	324	322	0.9	0.0	1.0	53.2	90.8	−65.2	111.8	324	0.892	0.0	1.0	52.9	90.5	−65.7	111.9	324	0.9	0.0	1.0	0.864	0.0	1.0	51.7	89.5	−67.6	112.2	322	0.9	0.0	1.0
324	325	323	0.916	0.0	1.0	53.8	91.4	−64.1	111.6	324	0.918	0.0	1.0	53.9	91.5	−64.0	111.7	325	0.917	0.0	1.0	0.889	0.0	1.0	52.8	90.4	−65.9	111.9	323	0.917	0.0	1.0
325	326	324	0.933	0.0	1.0	54.5	92.0	−62.9	111.5	325	0.943	0.0	1.0	55.0	92.4	−62.2	111.5	326	0.933	0.0	1.0	0.913	0.0	1.0	53.7	91.3	−64.3	111.7	324	0.933	0.0	1.0
326	327	325	0.95	0.0	1.0	55.2	92.6	−61.8	111.4	326	0.969	0.0	1.0	56.0	93.3	−60.5	111.3	327	0.95	0.0	1.0	0.937	0.0	1.0	54.7	92.2	−62.6	111.5	325	0.95	0.0	1.0
326	328	326	0.966	0.0	1.0	55.9	93.2	−60.7	111.2	326	0.994	0.0	1.0	57.1	94.2	−58.7	111.0	328	0.967	0.0	1.0	0.961	0.0	1.0	55.7	93.1	−61.0	111.3	326	0.967	0.0	1.0
327	329	327	0.983	0.0	1.0	56.6	93.8	−59.5	111.1	327	1.0	0.0	0.984	57.1	93.9	−56.4	109.6	329	0.983	0.0	1.0	0.985	0.0	1.0	56.7	93.9	−59.3	111.1	327	0.983	0.0	1.0
328	330	328	1.0	0.0	1.0	57.2	94.3	−58.4	110.9	328	***M*$_d$**	1.0	0.0	0.962	56.8	93.4	−53.8	107.8	330	***M*$_s$**	1.0	0.0	1.0	1.0	0.0	0.992	57.2	94.2	−57.4	110.3	328	***M*$_e$**	1.0	0.0	1.0
329	331	329	1.0	0.0	0.983	57.0	93.9	−56.4	109.5	329	1.0	0.0	0.941	56.5	92.7	−51.3	106.0	331	1.0	0.0	0.983	1.0	0.0	0.972	56.9	93.6	−54.9	108.6	329	1.0	0.0	0.983
329	332	330	1.0	0.0	0.966	56.8	93.4	−54.4	108.1	329	1.0	0.0	0.919	56.2	92.0	−48.8	104.2	332	1.0	0.0	0.967	1.0	0.0	0.951	56.7	93.0	−52.5	106.9	330	1.0	0.0	0.967
330	333	331	1.0	0.0	0.95	56.6	92.9	−52.4	106.7	330	1.0	0.0	0.898	55.9	91.2	−46.4	102.4	333	1.0	0.0	0.95	1.0	0.0	0.931	56.4	92.4	−50.2	105.2	331	1.0	0.0	0.95
331	334	332	1.0	0.0	0.933	56.4	92.4	−50.5	105.3	331	1.0	0.0	0.876	55.7	90.4	−44.0	100.5	334	1.0	0.0	0.933	1.0	0.0	0.911	56.1	91.7	−47.8	103.4	332	1.0	0.0	0.933
332	335	333	1.0	0.0	0.916	56.1	91.8	−48.6	103.9	332	1.0	0.0	0.86	55.5	90.0	−41.9	99.3	335	1.0	0.0	0.917	1.0	0.0	0.89	55.8	90.9	−45.5	101.7	333	1.0	0.0	0.917
332	336	334	1.0	0.0	0.9	55.9	91.2	−46.7	102.5	332	1.0	0.0	0.843	55.3	89.6	−39.8	98.1	336	1.0	0.0	0.9	1.0	0.0	0.871	55.6	90.2	−43.3	100.2	334	1.0	0.0	0.9
333	337	335	1.0	0.0	0.883	55.7	90.6	−44.8	101.1	333	1.0	0.0	0.827	55.1	89.2	−37.8	96.9	337	1.0	0.0	0.883	1.0	0.0	0.856	55.4	89.9	−41.4	99.0	335	1.0	0.0	0.883
334	338	336	1.0	0.0	0.866	55.5	90.1	−42.8	99.8	334	1.0	0.0	0.811	54.9	88.8	−35.8	95.8	338	1.0	0.0	0.867	1.0	0.0	0.84	55.2	89.6	−39.4	97.9	336	1.0	0.0	0.867
335	339	337	1.0	0.0	0.85	55.3	89.8	−40.7	98.6	335	1.0	0.0	0.794	54.7	88.3	−33.8	94.6	339	1.0	0.0	0.85	1.0	0.0	0.825	55.1	89.2	−37.5	96.8	337	1.0	0.0	0.85
336	340	338	1.0	0.0	0.833	55.1	89.4	−38.6	97.4	336	1.0	0.0	0.778	54.5	87.7	−31.8	93.4	340	1.0	0.0	0.833	1.0	0.0	0.809	54.9	88.7	−35.6	95.7	338	1.0	0.0	0.833
337	341	339	1.0	0.0	0.816	54.9	88.9	−36.6	96.2	337	1.0	0.0	0.761	54.3	87.2	−29.9	92.2	341	1.0	0.0	0.817	1.0	0.0	0.794	54.7	88.3	−33.7	94.5	339	1.0	0.0	0.817
338	342	339	1.0	0.0	0.8	54.7	88.4	−34.5	94.9	338	1.0	0.0	0.746	54.2	86.7	−28.1	91.1	342	1.0	0.0	0.8	1.0	0.0	0.778	54.5	87.8	−31.9	93.4	339	1.0	0.0	0.8
339	343	340	1.0	0.0	0.783	54.5	87.9	−32.5	93.7	339	1.0	0.0	0.733	54.1	86.5	−26.3	90.5	343	1.0	0.0	0.783	1.0	0.0	0.763	54.4	87.2	−30.0	92.3	340	1.0	0.0	0.783
340	344	341	1.0	0.0	0.766	54.4	87.3	−30.6	92.5	340	1.0	0.0	0.72	53.9	86.3	−24.6	89.8	344	1.0	0.0	0.767	1.0	0.0	0.748	54.2	86.7	−28.3	91.2	341	1.0	0.0	0.767
341	345	342	1.0	0.0	0.75	54.2	86.7	−28.6	91.3	341	1.0	0.0	0.707	53.8	86.0	−23.0	89.1	345	1.0	0.0	0.75	1.0	0.0	0.735	54.1	86.5	−26.6	90.6	342	1.0	0.0	0.75

*rgb**dd *rgb**ds *rgb**de

TUB-prøveplansje RN89; 16-trinns fargetonesirkel, *cf*=1
48-trinns fargetonesirkel; *rgb−LabCh**tabeller

input: *rgb/cmyk −> rgb*$_{dd}$
output: 3D-linearisering til *rgb**$_{dd}$

Data til maksimalfargen M in fargemetrisk system Offset standard print; separation cmyn6*, 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*$_d$: $h_{ab,d}$ = 40.0, 102.9, 136.0, 196.4, 306.3, 328.2; seks fargetonevinkler til elementærfargene *RYGCBM*$_e$: $h_{ab,e}$ = 25.5, 92.3, 162.2, 217.0, 271.7, 328.6

$h_{ab,d}$	$h_{ab,s}$	$h_{ab,e}$	*rgb** dd361M			*LAB** 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
341	345	342	1.0	0.0	0.75	54.2	86.7	−28.6	91.3	341		1.0	0.0	0.707	53.8	86.0	−23.0	89.1	345		1.0	0.0	0.75	1.0	0.0	0.735	54.1	86.5	−26.6	90.6	342		1.0	0.0	0.75			
342	346	343	1.0	0.0	0.733	54.0	86.5	−26.4	90.4	342		1.0	0.0	0.695	53.7	85.7	−21.3	88.4	346		1.0	0.0	0.733	1.0	0.0	0.723	54.0	86.3	−25.0	89.9	343		1.0	0.0	0.733			
344	347	344	1.0	0.0	0.716	53.8	86.2	−24.2	89.5	344		1.0	0.0	0.682	53.6	85.4	−19.6	87.7	347		1.0	0.0	0.717	1.0	0.0	0.711	53.8	86.1	−23.4	89.3	344		1.0	0.0	0.717			
345	348	345	1.0	0.0	0.7	53.7	85.8	−22.0	88.6	345		1.0	0.0	0.669	53.4	85.1	−18.0	87.0	348		1.0	0.0	0.7	1.0	0.0	0.699	53.7	85.8	−21.8	88.6	345		1.0	0.0	0.7			
346	349	346	1.0	0.0	0.683	53.5	85.4	−19.9	87.7	346		1.0	0.0	0.656	53.3	84.7	−16.4	86.3	349		1.0	0.0	0.683	1.0	0.0	0.687	53.6	85.6	−20.3	87.9	346		1.0	0.0	0.683			
348	350	347	1.0	0.0	0.666	53.4	85.0	−17.8	86.8	348		1.0	0.0	0.643	53.2	84.3	−14.8	85.6	350		1.0	0.0	0.667	1.0	0.0	0.674	53.5	85.2	−18.7	87.3	347		1.0	0.0	0.667			
349	351	348	1.0	0.0	0.65	53.2	84.5	−15.7	85.9	349		1.0	0.0	0.63	53.1	83.9	−13.2	84.9	351		1.0	0.0	0.65	1.0	0.0	0.662	53.4	84.9	−17.2	86.6	348		1.0	0.0	0.65			
350	352	349	1.0	0.0	0.633	53.0	83.9	−13.6	85.0	350		1.0	0.0	0.619	53.0	83.6	−11.7	84.4	352		1.0	0.0	0.633	1.0	0.0	0.65	53.3	84.5	−15.6	86.0	349		1.0	0.0	0.633			
352	353	350	1.0	0.0	0.616	52.9	83.6	−11.4	84.3	352		1.0	0.0	0.608	52.9	83.5	−10.2	84.2	353		1.0	0.0	0.617	1.0	0.0	0.638	53.1	84.1	−14.1	85.3	350		1.0	0.0	0.617			
353	354	351	1.0	0.0	0.6	52.8	83.4	−9.1	83.9	353		1.0	0.0	0.597	52.8	83.4	−8.7	83.9	354		1.0	0.0	0.6	1.0	0.0	0.626	53.0	83.7	−12.6	84.7	351		1.0	0.0	0.6			
355	355	352	1.0	0.0	0.583	52.7	83.2	−6.9	83.5	355		1.0	0.0	0.586	52.7	83.3	−7.2	83.6	355		1.0	0.0	0.583	1.0	0.0	0.615	52.9	83.6	−11.2	84.4	352		1.0	0.0	0.583			
356	356	353	1.0	0.0	0.566	52.5	82.9	−4.6	83.0	356		1.0	0.0	0.575	52.6	83.1	−5.7	83.3	356		1.0	0.0	0.567	1.0	0.0	0.605	52.9	83.5	−9.8	84.1	353		1.0	0.0	0.567			
358	357	354	1.0	0.0	0.55	52.4	82.5	−2.4	82.6	358		1.0	0.0	0.564	52.6	82.9	−4.2	83.0	357		1.0	0.0	0.55	1.0	0.0	0.595	52.8	83.4	−8.4	83.8	354		1.0	0.0	0.55			
359	358	355	1.0	0.0	0.533	52.3	82.1	−0.1	82.1	359		1.0	0.0	0.554	52.5	82.7	−2.8	82.7	358		1.0	0.0	0.533	1.0	0.0	0.584	52.7	83.2	−7.0	83.5	355		1.0	0.0	0.533			
361	359	356	1.0	0.0	0.516	52.1	81.6	2.0	81.7	361		1.0	0.0	0.543	52.4	82.4	−1.3	82.4	359		1.0	0.0	0.517	1.0	0.0	0.574	52.6	83.1	−5.6	83.3	356		1.0	0.0	0.517			
362	360	352	1.0	0.0	0.5	52.0	81.1	4.1	81.2	362		1.0	0.0	0.532	52.3	82.1	0.0	82.1	360		1.0	0.0	0.5	1.0	0.0	0.618	53.0	83.6	−11.6	84.4	352		1.0	0.0	0.5			
364	361	353	1.0	0.0	0.483	51.9	81.1	6.5	81.3	364		1.0	0.0	0.521	52.2	81.8	1.4	81.8	361		1.0	0.0	0.483	1.0	0.0	0.606	52.9	83.5	−9.9	84.1	353		1.0	0.0	0.483			
366	362	354	1.0	0.0	0.466	51.8	81.0	8.8	81.5	366		1.0	0.0	0.51	52.1	81.5	2.8	81.6	362		1.0	0.0	0.467	1.0	0.0	0.594	52.8	83.4	−8.2	83.8	354		1.0	0.0	0.467			
367	363	355	1.0	0.0	0.45	51.7	80.8	11.1	81.6	367		1.0	0.0	0.499	52.1	81.2	4.3	81.3	363		1.0	0.0	0.45	1.0	0.0	0.582	52.7	83.2	−6.6	83.5	355		1.0	0.0	0.45			
369	364	356	1.0	0.0	0.433	51.6	80.6	13.5	81.7	369		1.0	0.0	0.489	52.0	81.2	5.7	81.4	364		1.0	0.0	0.433	1.0	0.0	0.57	52.6	83.0	−5.0	83.1	356		1.0	0.0	0.433			
371	365	357	1.0	0.0	0.416	51.5	80.3	15.8	81.8	371		1.0	0.0	0.479	51.9	81.1	7.1	81.4	365		1.0	0.0	0.417	1.0	0.0	0.558	52.5	82.7	−3.3	82.8	357		1.0	0.0	0.417			
372	366	358	1.0	0.0	0.4	51.4	79.9	18.1	81.9	372		1.0	0.0	0.469	51.9	81.1	8.5	81.5	366		1.0	0.0	0.4	1.0	0.0	0.546	52.4	82.5	−1.7	82.5	358		1.0	0.0	0.4			
374	367	359	1.0	0.0	0.383	51.4	79.5	20.4	82.1	374		1.0	0.0	0.459	51.8	81.0	9.9	81.6	367		1.0	0.0	0.383	1.0	0.0	0.533	52.3	82.2	−0.1	82.2	359		1.0	0.0	0.383			
376	368	360	1.0	0.0	0.366	51.3	79.3	22.7	82.5	376		1.0	0.0	0.449	51.8	80.9	11.4	81.6	368		1.0	0.0	0.367	1.0	0.0	0.521	52.2	81.8	1.4	81.9	360		1.0	0.0	0.367			
377	369	362	1.0	0.0	0.35	51.2	79.3	25.1	83.2	377		1.0	0.0	0.439	51.7	80.7	12.8	81.7	369		1.0	0.0	0.35	1.0	0.0	0.509	52.1	81.5	3.0	81.5	362		1.0	0.0	0.35			
379	370	363	1.0	0.0	0.333	51.1	79.2	27.4	83.8	379		1.0	0.0	0.429	51.7	80.6	14.2	81.8	370		1.0	0.0	0.333	1.0	0.0	0.497	52.1	81.2	4.5	81.3	363		1.0	0.0	0.333			
380	371	364	1.0	0.0	0.316	51.1	79.1	29.7	84.5	380		1.0	0.0	0.418	51.6	80.4	15.6	81.9	371		1.0	0.0	0.317	1.0	0.0	0.486	52.0	81.1	6.1	81.4	364		1.0	0.0	0.317			
382	372	365	1.0	0.0	0.3	51.0	78.9	32.1	85.2	382		1.0	0.0	0.408	51.5	80.1	17.0	81.9	372		1.0	0.0	0.3	1.0	0.0	0.475	51.9	81.1	7.7	81.5	365		1.0	0.0	0.3			
383	373	366	1.0	0.0	0.283	51.0	78.7	34.4	85.9	383		1.0	0.0	0.398	51.5	79.9	18.4	82.0	373		1.0	0.0	0.283	1.0	0.0	0.464	51.9	81.0	9.3	81.5	366		1.0	0.0	0.283			
385	374	367	1.0	0.0	0.266	50.9	78.3	36.8	86.6	385		1.0	0.0	0.388	51.4	79.6	19.9	82.1	374		1.0	0.0	0.267	1.0	0.0	0.452	51.8	80.9	10.9	81.6	367		1.0	0.0	0.267			
386	375	368	1.0	0.0	0.25	50.8	77.9	39.2	87.2	386		1.0	0.0	0.378	51.4	79.4	21.3	82.2	375		1.0	0.0	0.25	1.0	0.0	0.441	51.7	80.7	12.5	81.7	368		1.0	0.0	0.25			
387	376	369	1.0	0.0	0.233	50.8	78.0	41.2	88.2	387		1.0	0.0	0.367	51.3	79.3	22.7	82.5	376		1.0	0.0	0.233	1.0	0.0	0.43	51.7	80.6	14.0	81.8	369		1.0	0.0	0.233			
389	377	370	1.0	0.0	0.216	50.8	78.0	43.3	89.2	389		1.0	0.0	0.356	51.3	79.3	24.3	82.9	377		1.0	0.0	0.217	1.0	0.0	0.418	51.6	80.4	15.6	81.9	370		1.0	0.0	0.217			
390	378	372	1.0	0.0	0.2	50.7	78.0	45.4	90.2	390		1.0	0.0	0.345	51.2	79.3	25.8	83.4	378		1.0	0.0	0.2	1.0	0.0	0.407	51.5	80.1	17.2	81.9	372		1.0	0.0	0.2			
391	379	373	1.0	0.0	0.183	50.7	77.9	47.5	91.2	391		1.0	0.0	0.334	51.2	79.3	27.3	83.8	379		1.0	0.0	0.183	1.0	0.0	0.396	51.5	79.9	18.8	82.0	373		1.0	0.0	0.183			
392	380	374	1.0	0.0	0.166	50.6	77.8	49.6	92.2	392		1.0	0.0	0.323	51.2	79.2	28.8	84.3	380		1.0	0.0	0.167	1.0	0.0	0.385	51.4	79.6	20.3	82.1	374		1.0	0.0	0.167			
393	381	375	1.0	0.0	0.15	50.6	77.6	51.7	93.3	393		1.0	0.0	0.312	51.1	79.1	30.4	84.7	381		1.0	0.0	0.15	1.0	0.0	0.373	51.3	79.3	21.9	82.3	375		1.0	0.0	0.15			
394	382	376	1.0	0.0	0.133	50.6	77.3	53.9	94.3	394		1.0	0.0	0.301	51.1	79.0	31.9	85.2	382		1.0	0.0	0.133	1.0	0.0	0.361	51.3	79.3	23.6	82.8	376		1.0	0.0	0.133			
395	383	377	1.0	0.0	0.116	50.5	77.2	55.6	95.1	395		1.0	0.0	0.291	51.0	78.8	33.5	85.6	383		1.0	0.0	0.117	1.0	0.0	0.349	51.3	79.3	25.3	83.3	377		1.0	0.0	0.117			
396	384	378	1.0	0.0	0.1	50.5	77.2	56.8	95.9	396		1.0	0.0	0.28	51.0	78.6	35.0	86.1	384		1.0	0.0	0.1	1.0	0.0	0.337	51.2	79.3	27.0	83.8	378		1.0	0.0	0.1			
396	385	379	1.0	0.0	0.083	50.5	77.2	58.1	96.6	396		1.0	0.0	0.269	50.9	78.4	36.6	86.5	385		1.0	0.0	0.083	1.0	0.0	0.324	51.2	79.2	28.7	84.2	379		1.0	0.0	0.083			
397	386	381	1.0	0.0	0.066	50.5	77.2	59.4	97.4	397		1.0	0.0	0.258	50.9	78.2	38.1	87.0	386		1.0	0.0	0.067	1.0	0.0	0.312	51.1	79.1	30.4	84.7	381		1.0	0.0	0.067			
398	387	382	1.0	0.0	0.049	50.5	77.1	60.6	98.1	398		1.0	0.0	0.246	50.9	78.0	39.7	87.5	387		1.0	0.0	0.05	1.0	0.0	0.3	51.1	79.0	32.1	85.2	382		1.0	0.0	0.05			
398	388	383	1.0	0.0	0.033	50.5	77.1	61.9	98.9	398		1.0	0.0	0.231	50.8	78.1	41.5	88.4	388		1.0	0.0	0.033	1.0	0.0	0.288	51.0	78.8	33.8	85.7	383		1.0	0.0	0.033			
399	389	384	1.0	0.0	0.016	50.5	77.0	63.2	99.6	399		1.0	0.0	0.217	50.8	78.1	43.3	89.3	389		1.0	0.0	0.017	1.0	0.0	0.276	51.0	78.6	35.6	86.2	384		1.0	0.0	0.017			
400	390	385	1.0	0.0	0.0	50.4	76.9	64.5	100.4	400	R_d	1.0	0.0	0.203	50.8	78.0	45.1	90.1	390	R_s	1.0	0.0	0.0	1.0	0.0	0.263	50.9	78.3	37.3	86.7	385	R_e	1.0	0.0	0.0			

n/j	HIC*$_{Fdd}$	*rgb*$_{Fdd}$			*ict*$_{Fdd}$			h_{si_Fdd}	*rgb**$_{Fdd}$			*LabCh**$_{Fdd}$				*rgb'**$_{Fdd}$			*LabCh'**$_{Fdd}$				*DE'**$_{Fdd}$	$h_{siM,dd}$	*rgb**$_{Mdd}$			*LabCh**$_{Mdd}$			
0/648	R00Y_100_100$_{dd}$	1.0	0.0	0.0	1.0	1.0	0.5	390	1.0	0.0	0.0	50.4	76.9	64.5	100.4	40.0	1.0	0.0	0.0	50.4	76.9	64.5	100.4	39.9	0.0	389	1.0	0.0	0.0	50.4	76.9	64.5	100.4	40.0
1/657	R13Y_100_100$_{dd}$	1.0	0.125	0.0	1.0	1.0	0.5	37	1.0	0.116	0.0	51.4	74.1	64.9	98.5	41.2	0.999	0.117	0.0	51.4	74.2	64.8	98.5	41.1	0.1	36	1.0	0.116	0.0	51.4	74.1	64.9	98.5	41.2
2/666	R25Y_100_100$_{dd}$	1.0	0.25	0.0	1.0	1.0	0.5	44	1.0	0.233	0.0	53.7	67.6	65.8	94.4	44.2	0.999	0.234	0.0	53.6	67.8	65.8	94.5	44.1	0.2	42	1.0	0.233	0.0	53.7	67.6	65.8	94.4	44.2
3/675	R38Y_100_100$_{dd}$	1.0	0.375	0.0	1.0	1.0	0.5	52	1.0	0.366	0.0	57.9	56.2	67.9	88.1	50.3	0.999	0.368	0.0	57.9	56.1	67.8	88.0	50.3	0.0	51	1.0	0.366	0.0	57.9	56.2	67.9	88.1	50.3
4/684	R50Y_100_100$_{dd}$	1.0	0.5	0.0	1.0	1.0	0.5	60	1.0	0.5	0.0	63.6	41.3	71.0	82.2	59.7	1.0	0.501	0.0	63.7	41.1	71.0	82.1	59.9	0.2	59	1.0	0.5	0.0	63.6	41.3	71.0	82.2	59.7
5/693	R63Y_100_100$_{dd}$	1.0	0.625	0.0	1.0	1.0	0.5	68	1.0	0.633	0.0	70.5	24.7	75.4	79.4	71.8	1.0	0.631	0.0	70.4	24.9	75.2	79.3	71.6	0.2	68	1.0	0.633	0.0	70.5	24.7	75.4	79.4	71.8
6/702	R75Y_100_100$_{dd}$	1.0	0.75	0.0	1.0	1.0	0.5	76	1.0	0.766	0.0	78.2	7.8	80.6	81.0	84.4	1.0	0.765	0.0	78.1	7.9	80.4	80.8	84.3	0.2	77	1.0	0.766	0.0	78.2	7.8	80.6	81.0	84.4
7/711	R88Y_100_100$_{dd}$	1.0	0.875	0.0	1.0	1.0	0.5	83	1.0	0.883	0.0	85.3	−6.7	85.5	85.8	94.4	1.0	0.882	0.0	85.2	−6.7	85.4	85.6	94.4	0.1	83	1.0	0.883	0.0	85.3	−6.7	85.5	85.8	94.4
8/720	Y00G_100_100$_{dd}$	1.0	1.0	0.0	1.0	1.0	0.5	90	1.0	1.0	0.0	92.6	−20.7	90.7	93.0	102.8	1.0	1.0	0.0	92.6	−20.6	90.7	93.0	102.8	0.0	89	1.0	1.0	0.0	92.6	−20.7	90.7	93.0	102.8
9/639	Y13G_100_100$_{dd}$	0.875	1.0	0.0	1.0	1.0	0.5	97	0.883	1.0	0.0	90.5	−32.2	88.3	94.0	110.0	0.882	1.0	0.0	90.5	−32.3	88.2	93.9	110.1	0.0	96	0.883	1.0	0.0	90.5	−32.2	88.3	94.0	110.0
10/558	Y25G_100_100$_{dd}$	0.75	1.0	0.0	1.0	1.0	0.5	104	0.766	1.0	0.0	88.7	−43.3	86.2	96.5	116.6	0.765	0.999	0.0	88.7	−43.4	86.1	96.4	116.7	0.1	102	0.766	1.0	0.0	88.7	−43.3	86.2	96.5	116.6
11/477	Y38G_100_100$_{dd}$	0.625	1.0	0.0	1.0	1.0	0.5	112	0.633	1.0	0.0	87.0	−55.0	84.1	100.5	123.2	0.631	0.999	0.0	87.0	−55.2	84.0	100.5	123.3	0.1	111	0.633	1.0	0.0	87.0	−55.0	84.1	100.5	123.2
12/396	Y50G_100_100$_{dd}$	0.5	1.0	0.0	1.0	1.0	0.5	120	0.5	1.0	0.0	85.7	−65.2	82.4	105.1	128.3	0.501	0.999	0.0	85.7	−65.0	82.4	105.0	128.2	0.1	119	0.5	1.0	0.0	85.7	−65.2	82.4	105.1	128.3
13/315	Y63G_100_100$_{dd}$	0.375	1.0	0.0	1.0	1.0	0.5	128	0.366	1.0	0.0	84.7	−73.2	81.2	109.3	132.0	0.368	0.999	0.0	84.7	−73.1	81.2	109.3	132.0	0.0	128	0.366	1.0	0.0	84.7	−73.2	81.2	109.3	132.0
14/234	Y75G_100_100$_{dd}$	0.25	1.0	0.0	1.0	1.0	0.5	136	0.233	1.0	0.0	84.0	−78.7	80.4	112.5	134.3	0.234	0.999	0.0	84.0	−78.7	80.4	112.5	134.4	0.0	137	0.233	1.0	0.0	84.0	−78.7	80.4	112.5	134.3
15/153	Y88G_100_100$_{dd}$	0.125	1.0	0.0	1.0	1.0	0.5	143	0.116	1.0	0.0	83.7	−81.5	80.0	114.2	135.5	0.117	0.999	0.0	83.7	−81.6	80.0	114.3	135.5	0.0	143	0.116	1.0	0.0	83.7	−81.5	80.0	114.2	135.5
16/72	G00C_100_100$_{dd}$	0.0	1.0	0.0	1.0	1.0	0.5	150	0.0	1.0	0.0	83.6	−82.7	79.8	115.0	136.0	0.0	0.999	0.0	83.6	−82.7	79.8	115.0	136.0	0.0	149	0.0	1.0	0.0	83.6	−82.7	79.8	115.0	136.0
17/73	G13C_100_100$_{dd}$	0.0	1.0	0.125	1.0	1.0	0.5	157	0.0	1.0	0.116	83.6	−82.1	76.8	112.5	136.9	0.0	1.0	0.117	83.6	−82.2	76.9	112.5	136.9	0.0	156	0.0	1.0	0.116	83.6	−82.1	76.8	112.5	136.9
18/74	G25C_100_100$_{dd}$	0.0	1.0	0.25	1.0	1.0	0.5	164	0.0	1.0	0.233	83.7	−80.8	70.1	106.9	139.0	0.0	1.0	0.234	83.7	−80.8	70.2	107.1	138.9	0.1	162	0.0	1.0	0.233	83.7	−80.8	70.1	106.9	139.0
19/75	G38C_100_100$_{dd}$	0.0	1.0	0.375	1.0	1.0	0.5	172	0.0	1.0	0.366	84.0	−78.0	58.8	97.7	142.9	0.0	1.0	0.368	84.0	−77.9	58.7	97.6	142.9	0.0	171	0.0	1.0	0.366	84.0	−78.0	58.8	97.7	142.9
20/76	G50C_100_100$_{dd}$	0.0	1.0	0.5	1.0	1.0	0.5	180	0.0	1.0	0.5	84.3	−73.7	44.9	86.4	148.6	0.0	1.0	0.501	84.3	−73.6	44.7	86.1	148.7	0.2	180	0.0	1.0	0.5	84.3	−73.7	44.9	86.4	148.6
21/77	G63C_100_100$_{dd}$	0.0	1.0	0.625	1.0	1.0	0.5	188	0.0	1.0	0.633	84.8	−68.1	29.5	74.3	156.5	0.0	1.0	0.632	84.8	−68.1	29.7	74.3	156.4	0.1	188	0.0	1.0	0.633	84.8	−68.1	29.5	74.3	156.5
22/78	G75C_100_100$_{dd}$	0.0	1.0	0.75	1.0	1.0	0.5	196	0.0	1.0	0.766	85.4	−61.2	13.7	62.8	167.3	0.0	1.0	0.767	85.4	−61.0	13.8	62.6	167.2	0.2	197	0.0	1.0	0.766	85.4	−61.2	13.7	62.8	167.3
23/79	G88C_100_100$_{dd}$	0.0	1.0	0.875	1.0	1.0	0.5	203	0.0	1.0	0.883	86.1	−54.1	0.0	54.1	180.0	0.0	1.0	0.883	86.1	−53.9	0.0	53.9	179.9	0.1	203	0.0	1.0	0.883	86.1	−54.1	0.0	54.1	180.0
24/80	C00B_100_100$_{dd}$	0.0	1.0	1.0	1.0	1.0	0.5	210	0.0	1.0	1.0	86.8	−46.1	−13.5	48.1	196.3	0.0	1.0	1.0	86.8	−46.1	−13.5	48.1	196.3	0.0	210	0.0	1.0	1.0	86.8	−46.1	−13.5	48.1	196.3
25/71	C13B_100_100$_{dd}$	0.0	0.875	1.0	1.0	1.0	0.5	217	0.0	0.883	1.0	78.5	−33.4	−26.3	42.5	218.2	0.0	0.883	1.0	78.5	−33.3	−26.1	42.3	218.1	0.2	216	0.0	0.883	1.0	78.5	−33.4	−26.3	42.5	218.2
26/62	C25B_100_100$_{dd}$	0.0	0.75	1.0	1.0	1.0	0.5	224	0.0	0.766	1.0	70.2	−19.5	−39.3	43.9	243.6	0.0	0.766	1.0	70.3	−19.2	−38.9	43.3	243.7	0.5	222	0.0	0.766	1.0	70.2	−19.5	−39.3	43.9	243.6
27/53	C38B_100_100$_{dd}$	0.0	0.625	1.0	1.0	1.0	0.5	232	0.0	0.633	1.0	60.9	−1.5	−53.9	53.9	268.3	0.0	0.632	1.0	60.8	−1.2	−53.7	53.8	268.6	0.3	231	0.0	0.633	1.0	60.9	−1.5	−53.9	53.9	268.3
28/44	C50B_100_100$_{dd}$	0.0	0.5	1.0	1.0	1.0	0.5	240	0.0	0.5	1.0	51.7	18.3	−68.3	70.7	285.0	0.0	0.501	0.999	51.9	18.0	−68.1	70.4	284.8	0.3	240	0.0	0.5	1.0	51.7	18.3	−68.3	70.7	285.0
29/35	C63B_100_100$_{dd}$	0.0	0.375	1.0	1.0	1.0	0.5	248	0.0	0.366	1.0	43.4	38.7	−82.0	90.7	295.3	0.0	0.368	1.0	43.4	38.6	−81.8	90.5	295.2	0.2	248	0.0	0.366	1.0	43.4	38.7	−82.0	90.7	295.3
30/26	C75B_100_100$_{dd}$	0.0	0.25	1.0	1.0	1.0	0.5	256	0.0	0.233	1.0	36.5	57.6	−93.4	109.7	301.6	0.0	0.234	1.0	36.4	57.8	−93.4	109.9	301.7	0.2	257	0.0	0.233	1.0	36.5	57.6	−93.4	109.7	301.6
31/17	C88B_100_100$_{dd}$	0.0	0.125	1.0	1.0	1.0	0.5	263	0.0	0.116	1.0	32.3	70.0	−100.3	122.3	304.9	0.0	0.117	1.0	32.2	70.2	−100.4	122.5	304.9	0.2	263	0.0	0.116	1.0	32.3	70.0	−100.3	122.3	304.9
32/8	B00M_100_100$_{dd}$	0.0	0.0	1.0	1.0	1.0	0.5	270	0.0	0.0	1.0	30.3	76.0	−103.5	128.5	306.2	0.0	0.0	1.0	30.3	76.0	−103.5	128.5	306.2	0.0	270	0.0	0.0	1.0	30.3	76.0	−103.5	128.5	306.2
33/89	B13M_100_100$_{dd}$	0.125	0.0	1.0	1.0	1.0	0.5	277	0.116	0.0	1.0	30.9	76.2	−102.5	127.8	306.6	0.117	0.0	0.999	30.9	76.2	−102.6	127.8	306.6	0.0	276	0.116	0.0	1.0	30.9	76.2	−102.5	127.8	306.6
34/170	B25M_100_100$_{dd}$	0.25	0.0	1.0	1.0	1.0	0.5	284	0.233	0.0	1.0	32.3	76.7	−100.1	126.2	307.4	0.234	0.0	0.999	32.3	76.7	−100.2	126.2	307.4	0.0	282	0.233	0.0	1.0	32.3	76.7	−100.1	126.2	307.4
35/251	B38M_100_100$_{dd}$	0.375	0.0	1.0	1.0	1.0	0.5	292	0.366	0.0	1.0	34.9	77.9	−95.7	123.4	309.1	0.368	0.0	0.999	35.0	77.9	−95.7	123.4	309.1	0.0	291	0.366	0.0	1.0	34.9	77.9	−95.7	123.4	309.1
36/332	B50M_100_100$_{dd}$	0.5	0.0	1.0	1.0	1.0	0.5	300	0.5	0.0	1.0	38.5	79.8	−89.7	120.0	311.6	0.501	0.0	0.999	38.6	79.8	−89.6	120.0	311.7	0.1	300	0.5	0.0	1.0	38.5	79.8	−89.7	120.0	311.6
37/413	B63M_100_100$_{dd}$	0.625	0.0	1.0	1.0	1.0	0.5	308	0.633	0.0	1.0	43.0	82.7	−82.2	116.6	315.1	0.632	0.0	1.0	42.9	82.6	−82.3	116.7	315.1	0.1	308	0.633	0.0	1.0	43.0	82.7	−82.2	116.6	315.1
38/494	B75M_100_100$_{dd}$	0.75	0.0	1.0	1.0	1.0	0.5	316	0.766	0.0	1.0	47.9	86.4	−74.0	113.8	319.4	0.765	0.0	1.0	47.8	86.3	−74.0	113.7	319.3	0.1	317	0.766	0.0	1.0	47.9	86.4	−74.0	113.8	319.4
39/575	B88M_100_100$_{dd}$	0.875	0.0	1.0	1.0	1.0	0.5	323	0.883	0.0	1.0	52.5	90.1	−66.3	111.9	323.6	0.882	0.0	1.0	52.5	90.1	−66.3	111.9	323.6	0.0	323	0.883	0.0	1.0	52.5	90.1	−66.3	111.9	323.6
40/656	M00R_100_100$_{dd}$	1.0	0.0	1.0	1.0	1.0	0.5	330	1.0	0.0	1.0	57.2	94.3	−58.4	110.9	328.2	1.0	0.0	1.0	57.2	94.3	−58.4	111.0	328.2	0.0	330	1.0	0.0	1.0	57.2	94.3	−58.4	110.9	328.2
41/655	M13R_100_100$_{dd}$	1.0	0.0	0.875	1.0	1.0	0.5	337	1.0	0.0	0.883	55.7	90.6	−44.8	101.1	333.6	1.0	0.0	0.882	55.7	90.5	−44.8	101.0	333.6	0.0	336	1.0	0.0	0.883	55.7	90.6	−44.8	101.1	333.6
42/654	M25R_100_100$_{dd}$	1.0	0.0	0.75	1.0	1.0	0.5	344	1.0	0.0	0.766	54.4	87.3	−30.6	92.5	340.6	1.0	0.0	0.765	54.3	87.1	−30.5	92.3	340.6	0.2	342	1.0	0.0	0.766	54.4	87.3	−30.6	92.5	340.6
43/653	M38R_100_100$_{dd}$	1.0	0.0	0.625	1.0	1.0	0.5	352	1.0	0.0	0.633	53.0	83.9	−13.6	85.0	350.7	1.0	0.0	0.631	53.0	83.8	−13.5	84.9	350.8	0.1	351	1.0	0.0	0.633	53.0	83.9	−13.6	85.0	350.7
44/652	M50R_100_100$_{dd}$	1.0	0.0	0.5	1.0	1.0	0.5	360	1.0	0.0	0.5	52.0	81.1	4.1	81.2	2.9	1.0	0.0	0.5	52.0	81.1	4.1	81.2	2.9	0.0	360	1.0	0.0	0.5	52.0	81.1	4.1	81.2	2.9
45/651	M63R_100_100$_{dd}$	1.0	0.0	0.375	1.0	1.0	0.5	368	1.0	0.0	0.366	51.3	79.3	22.7	82.5	16.0	1.0	0.0	0.368	51.3	79.1	22.5	82.3	15.9	0.2	368	1.0	0.0	0.366	51.3	79.3	22.7	82.5	16.0
46/650	M75R_100_100$_{dd}$	1.0	0.0	0.25	1.0	1.0	0.5	376	1.0	0.0	0.233	50.8	78.0	41.2	88.2	27.8	1.0	0.0	0.234	50.8	77.8	41.2	88.1	27.9	0.1	377	1.0	0.0	0.233	50.8	78.0	41.2	88.2	27.8
47/649	M88R_100_100$_{dd}$	1.0	0.0	0.125	1.0	1.0	0.5	383	1.0	0.0	0.116	50.5	77.2	55.6	95.1	35.7	1.0	0.0	0.117	50.5	77.2	55.7	95.2	35.8	0.1	383	1.0	0.0	0.116	50.5	77.2	55.6	95.1	35.7
48/648	R00Y_100_100$_{dd}$	1.0	0.0	0.0	1.0	1.0	0.5	390	1.0	0.0	0.0	50.4	76.9	64.5	100.4	40.0	1.0	0.0	0.0	50.4	76.9	64.5	100.4	39.9	0.0	389	1.0	0.0	0.0	50.4	76.9	64.5	100.4	40.0
49/0	NW_000$_{dd}$	0.0	0.0	0.0	0.0	0.0	0.0	360	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
50/91	NW_013$_{dd}$	0.125	0.125	0.125	0.125	0.0	0.125	360	0.125	0.125	0.125	11.9	0.0	0.0	0.0	0.0	0.129	0.132	0.132	11.9	−0.2	0.0	0.2	198.6	0.2	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
51/182	NW_025$_{dd}$	0.25	0.25	0.25	0.25	0.0	0.25	360	0.25	0.25	0.25	23.8	0.0	0.0	0.0	0.0	0.232	0.236	0.237	23.7	−0.4	−0.2	0.4	207.2	0.4	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
52/273	NW_038$_{dd}$	0.375	0.375	0.375	0.375	0.0	0.375	360	0.375	0.375	0.375	35.7	0.0	0.0	0.0	0.0	0.345	0.35	0.35	35.7	−0.4	−0.2	0.5	205.6	0.5	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
53/364	NW_050$_{dd}$	0.5	0.5	0.5	0.5	0.0	0.5	360	0.5	0.5	0.5	47.7	0.0	0.0	0.0	0.0	0.466	0.47	0.471	47.7	−0.3	−0.1	0.4	205.6	0.4	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
54/455	NW_063$_{dd}$	0.625	0.625	0.625	0.625	0.0	0.625	360	0.625	0.625	0.625	59.6	0.0	0.0	0.0	0.0	0.59	0.593	0.594	59.4	−0.2	−0.1	0.3	206.3	0.3	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
55/546	NW_075$_{dd}$	0.75	0.75	0.75	0.75	0.0	0.75	360	0.75	0.75	0.75	71.5	0.0	0.0	0.0	0.0	0.721	0.724	0.724	71.3	−0.1	0.0	0.2	207.8	0.2	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
56/637	NW_088$_{dd}$	0.875	0.875	0.875	0.875	0.0	0.875	360	0.875	0.875	0.875	83.4	0.0	0.0	0.0	0.0	0.858	0.86	0.86	83.3	0.0	0.0	0.1	212.6	0.1	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
57/728	NW_100$_{dd}$	1.0	1.0	1.0	1.0	0.0	1.0	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0	1.0	1.0	1.0	95.4	0.0	0.0	0.0	325.2	0.0	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
																								delta *E' =**	**0.1**								

TUB-prøveplansje RN89; 16-trinns fargetonesirkel, *cf*=1
farger og fargeavstander, Δ*E'**

input: *rgb/cmyk −> rgb*$_{dd}$
output: 3D-linearisering til *rgb**$_{dd}$

n/j	HIC*$_{Fdd}$	*rgb*$_{Fdd}$			*ict*$_{Fdd}$			h_{si_Fdd}	*rgb**$_{Fdd}$			*LabCh**$_{Fdd}$					*rgb'**$_{Fdd}$			*LabCh'**$_{Fdd}$					*DE'*$_{Fdd}$	$h_{siM,dd}$	*rgb**$_{Mdd}$			*LabCh**$_{Mdd}$				
0/648	R00Y_100_100$_{dd}$	1.0	0.0	0.0	1.0	1.0	0.5	390	1.0	0.0	0.0	50.4	76.9	64.5	100.4	40.0	1.0	0.0	0.0	50.4	76.9	64.5	100.4	39.9	0.0	389	1.0	0.0	0.0	50.4	76.9	64.5	100.4	40.0
1/666	R25Y_100_100$_{dd}$	1.0	0.25	0.0	1.0	1.0	0.5	44	1.0	0.233	0.0	53.7	67.6	65.8	94.4	44.2	0.999	0.234	0.0	53.6	67.8	65.8	94.5	44.1	0.2	42	1.0	0.233	0.0	53.7	67.6	65.8	94.4	44.2
2/684	R50Y_100_100$_{dd}$	1.0	0.5	0.0	1.0	1.0	0.5	60	1.0	0.5	0.0	63.6	41.3	71.0	82.2	59.7	1.0	0.501	0.0	63.7	41.1	71.0	82.1	59.9	0.2	59	1.0	0.5	0.0	63.6	41.3	71.0	82.2	59.7
3/702	R75Y_100_100$_{dd}$	1.0	0.75	0.0	1.0	1.0	0.5	76	1.0	0.766	0.0	78.2	7.8	80.6	81.0	84.4	1.0	0.765	0.0	78.1	7.9	80.4	80.8	84.3	0.2	77	1.0	0.766	0.0	78.2	7.8	80.6	81.0	84.4
4/720	Y00G_100_100$_{dd}$	1.0	1.0	0.0	1.0	1.0	0.5	90	1.0	1.0	0.0	92.6	−20.7	90.7	93.0	102.8	1.0	1.0	0.0	92.6	−20.6	90.7	93.0	102.8	0.0	89	1.0	1.0	0.0	92.6	−20.7	90.7	93.0	102.8
5/558	Y25G_100_100$_{dd}$	0.75	1.0	0.0	1.0	1.0	0.5	104	0.766	1.0	0.0	88.7	−43.3	86.2	96.5	116.6	0.765	0.999	0.0	88.7	−43.4	86.1	96.4	116.7	0.1	102	0.766	1.0	0.0	88.7	−43.3	86.2	96.5	116.6
6/396	Y50G_100_100$_{dd}$	0.5	1.0	0.0	1.0	1.0	0.5	120	0.5	1.0	0.0	85.7	−65.2	82.4	105.1	128.3	0.501	0.999	0.0	85.7	−65.0	82.4	105.0	128.2	0.1	119	0.5	1.0	0.0	85.7	−65.2	82.4	105.1	128.3
7/234	Y75G_100_100$_{dd}$	0.25	1.0	0.0	1.0	1.0	0.5	136	0.233	1.0	0.0	84.0	−78.7	80.4	112.5	134.3	0.234	0.999	0.0	84.0	−78.7	80.4	112.5	134.4	0.0	137	0.233	1.0	0.0	84.0	−78.7	80.4	112.5	134.3
8/72	G00B_100_100$_{dd}$	0.0	1.0	0.0	1.0	1.0	0.5	150	0.0	1.0	0.0	83.6	−82.7	79.8	115.0	136.0	0.0	0.999	0.0	83.6	−82.7	79.8	115.0	136.0	0.0	149	0.0	1.0	0.0	83.6	−82.7	79.8	115.0	136.0
9/72	G00B_100_100$_{dd}$	0.0	1.0	0.0	1.0	1.0	0.5	150	0.0	1.0	0.0	83.6	−82.7	79.8	115.0	136.0	0.0	0.999	0.0	83.6	−82.7	79.8	115.0	136.0	0.0	149	0.0	1.0	0.0	83.6	−82.7	79.8	115.0	136.0
10/76	G25B_100_100$_{dd}$	0.0	1.0	0.5	1.0	1.0	0.5	180	0.0	1.0	0.5	84.3	−73.7	44.9	86.4	148.6	0.0	1.0	0.501	84.3	−73.6	44.7	86.1	148.7	0.2	180	0.0	1.0	0.5	84.3	−73.7	44.9	86.4	148.6
11/80	G50B_100_100$_{dd}$	0.0	1.0	1.0	1.0	1.0	0.5	210	0.0	1.0	1.0	86.8	−46.1	−13.5	48.1	196.3	0.0	1.0	1.0	86.8	−46.1	−13.5	48.1	196.3	0.0	210	0.0	1.0	1.0	86.8	−46.1	−13.5	48.1	196.3
12/44	G75B_100_100$_{dd}$	0.0	0.5	1.0	1.0	1.0	0.5	240	0.0	0.5	1.0	51.7	18.3	−68.3	70.7	285.0	0.0	0.501	0.999	51.9	18.0	−68.1	70.4	284.8	0.3	240	0.0	0.5	1.0	51.7	18.3	−68.3	70.7	285.0
13/8	B00M_100_100$_{dd}$	0.0	0.0	1.0	1.0	1.0	0.5	270	0.0	0.0	1.0	30.3	76.0	−103.5	128.5	306.2	0.0	0.0	1.0	30.3	76.0	−103.5	128.5	306.2	0.0	270	0.0	0.0	1.0	30.3	76.0	−103.5	128.5	306.2
14/332	B25R_100_100$_{dd}$	0.5	0.0	1.0	1.0	1.0	0.5	300	0.5	0.0	1.0	38.5	79.8	−89.7	120.0	311.6	0.501	0.0	0.999	38.6	79.8	−89.6	120.0	311.7	0.1	300	0.5	0.0	1.0	38.5	79.8	−89.7	120.0	311.6
15/656	B50R_100_100$_{dd}$	1.0	0.0	1.0	1.0	1.0	0.5	330	1.0	0.0	1.0	57.2	94.3	−58.4	110.9	328.2	1.0	0.0	1.0	57.2	94.3	−58.4	111.0	328.2	0.0	330	1.0	0.0	1.0	57.2	94.3	−58.4	110.9	328.2
16/652	B75R_100_100$_{dd}$	1.0	0.0	0.5	1.0	1.0	0.5	360	1.0	0.0	0.5	52.0	81.1	4.1	81.2	2.9	1.0	0.0	0.5	52.0	81.1	4.1	81.2	2.9	0.0	360	1.0	0.0	0.5	52.0	81.1	4.1	81.2	2.9
17/648	R00Y_100_100$_{dd}$	1.0	0.0	0.0	1.0	1.0	0.5	390	1.0	0.0	0.0	50.4	76.9	64.5	100.4	40.0	1.0	0.0	0.0	50.4	76.9	64.5	100.4	39.9	0.0	389	1.0	0.0	0.0	50.4	76.9	64.5	100.4	40.0
18/688	R00Y_100_050$_{dd}$	1.0	0.5	0.5	1.0	0.5	0.75	390	1.0	0.5	0.5	72.9	38.4	32.2	50.2	40.0	1.0	0.62	0.501	70.8	31.6	29.6	43.4	43.1	7.5	389	1.0	0.0	0.0	50.4	76.9	64.5	100.4	40.0
19/706	R50Y_100_050$_{dd}$	1.0	0.75	0.5	1.0	0.5	0.75	60	1.0	0.75	0.5	79.5	20.6	35.5	41.1	59.7	1.0	0.749	0.547	78.1	16.2	33.4	37.2	64.1	5.0	59	1.0	0.5	0.0	63.6	41.3	71.0	82.2	59.7
20/724	Y00G_100_050$_{dd}$	1.0	1.0	0.5	1.0	0.5	0.75	90	1.0	1.0	0.5	94.0	−10.3	45.3	46.5	102.8	1.0	0.998	0.616	93.5	−13.0	44.7	46.6	106.2	2.8	89	1.0	1.0	0.0	92.6	−20.7	90.7	93.0	102.8
21/562	Y50G_100_050$_{dd}$	0.75	1.0	0.5	1.0	0.5	0.75	120	0.75	1.0	0.5	90.5	−32.6	41.2	52.5	128.3	0.791	1.0	0.607	90.1	−32.1	40.7	51.9	128.2	0.7	119	0.5	1.0	0.0	85.7	−65.2	82.4	105.1	128.3
22/400	G00B_100_050$_{dd}$	0.5	1.0	0.5	1.0	0.5	0.75	150	0.5	1.0	0.5	89.5	−41.3	39.9	57.5	136.0	0.691	1.0	0.604	88.7	−40.5	39.0	56.3	136.0	1.4	149	0.0	1.0	0.0	83.6	−82.7	79.8	115.0	136.0
23/404	G50B_100_050$_{dd}$	0.5	1.0	1.0	1.0	0.5	0.75	210	0.5	1.0	1.0	91.1	−23.0	−6.7	24.0	196.3	0.693	1.0	0.999	90.7	−22.7	−7.3	23.8	197.8	0.7	210	0.0	1.0	1.0	86.8	−46.1	−13.5	48.1	196.3
24/368	B00R_100_050$_{dd}$	0.5	0.5	1.0	1.0	0.5	0.75	270	0.5	0.5	1.0	62.8	38.0	−51.7	64.2	306.2	0.697	0.545	1.0	62.6	37.1	−50.5	62.6	306.3	1.5	270	0.0	0.0	1.0	30.3	76.0	−103.5	128.5	306.2
25/692	B50R_100_050$_{dd}$	1.0	0.5	1.0	1.0	0.5	0.75	330	1.0	0.5	1.0	76.3	47.1	−29.2	55.4	328.2	1.0	0.646	1.0	75.4	45.0	−29.9	54.0	326.3	2.4	330	1.0	0.0	1.0	57.2	94.3	−58.4	110.9	328.2
26/688	R00Y_100_050$_{dd}$	1.0	0.5	0.5	1.0	0.5	0.75	390	1.0	0.5	0.5	72.9	38.4	32.2	50.2	40.0	1.0	0.62	0.501	70.8	31.6	29.6	43.4	43.1	7.5	389	1.0	0.0	0.0	50.4	76.9	64.5	100.4	40.0
27/506	R00Y_075_050$_{dd}$	0.75	0.25	0.25	0.75	0.5	0.5	390	0.75	0.25	0.25	49.0	38.4	32.2	50.2	40.0	0.77	0.36	0.267	49.0	38.4	32.1	50.0	39.8	0.1	389	1.0	0.0	0.0	50.4	76.9	64.5	100.4	40.0
28/524	R50Y_075_050$_{dd}$	0.75	0.5	0.25	0.75	0.5	0.5	60	0.75	0.5	0.25	55.6	20.6	35.5	41.1	59.7	0.755	0.492	0.3	55.7	20.2	35.6	40.9	60.3	0.4	59	1.0	0.5	0.0	63.6	41.3	71.0	82.2	59.7
29/542	Y00G_075_050$_{dd}$	0.75	0.75	0.25	0.75	0.5	0.5	90	0.75	0.75	0.25	70.1	−10.3	45.3	46.5	102.8	0.742	0.723	0.36	70.0	−10.4	45.2	46.3	102.9	0.2	89	1.0	1.0	0.0	92.6	−20.7	90.7	93.0	102.8
30/380	Y50G_075_050$_{dd}$	0.5	0.75	0.25	0.75	0.5	0.5	120	0.5	0.75	0.25	66.7	−32.6	41.2	52.5	128.3	0.521	0.728	0.352	66.6	−32.6	41.1	52.5	128.4	0.1	119	0.5	1.0	0.0	85.7	−65.2	82.4	105.1	128.3
31/218	G00B_075_050$_{dd}$	0.25	0.75	0.25	0.75	0.5	0.5	150	0.25	0.75	0.25	65.6	−41.3	39.9	57.5	136.0	0.419	0.731	0.349	65.5	−41.5	39.8	57.5	136.1	0.2	149	0.0	1.0	0.0	83.6	−82.7	79.8	115.0	136.0
32/222	G50B_075_050$_{dd}$	0.25	0.75	0.75	0.75	0.5	0.5	210	0.25	0.75	0.75	67.2	−23.0	−6.7	24.0	196.3	0.42	0.727	0.723	67.1	−23.3	−6.7	24.3	196.2	0.2	210	0.0	1.0	1.0	86.8	−46.1	−13.5	48.1	196.3
33/186	B00R_075_050$_{dd}$	0.25	0.25	0.75	0.75	0.5	0.5	270	0.25	0.25	0.75	39.0	38.0	−51.7	64.2	306.2	0.424	0.297	0.733	38.8	38.0	−51.9	64.4	306.2	0.2	270	0.0	0.0	1.0	30.3	76.0	−103.5	128.5	306.2
34/510	B50R_075_050$_{dd}$	0.75	0.25	0.75	0.75	0.5	0.5	330	0.75	0.25	0.75	52.5	47.1	−29.2	55.4	328.2	0.742	0.385	0.728	52.4	46.8	−29.1	55.2	328.1	0.2	330	1.0	0.0	1.0	57.2	94.3	−58.4	110.9	328.2
35/506	R00Y_075_050$_{dd}$	0.75	0.25	0.25	0.75	0.5	0.5	390	0.75	0.25	0.25	49.0	38.4	32.2	50.2	40.0	0.77	0.36	0.267	49.0	38.4	32.1	50.0	39.8	0.1	389	1.0	0.0	0.0	50.4	76.9	64.5	100.4	40.0
36/324	R00Y_050_050$_{dd}$	0.5	0.0	0.0	0.5	0.5	0.25	390	0.5	0.0	0.0	25.2	38.4	32.2	50.2	40.0	0.485	0.1	0.037	25.0	39.2	33.3	51.4	40.3	1.3	389	1.0	0.0	0.0	50.4	76.9	64.5	100.4	40.0
37/342	R50Y_050_050$_{dd}$	0.5	0.25	0.0	0.5	0.5	0.25	60	0.5	0.25	0.0	31.8	20.6	35.5	41.1	59.7	0.48	0.252	0.063	31.8	20.7	36.5	41.9	60.4	0.9	59	1.0	0.5	0.0	63.6	41.3	71.0	82.2	59.7
38/360	Y00G_050_050$_{dd}$	0.5	0.5	0.0	0.5	0.5	0.25	90	0.5	0.5	0.0	46.3	−10.3	45.3	46.5	102.8	0.474	0.47	0.101	46.3	−10.7	46.0	47.2	103.1	0.7	89	1.0	1.0	0.0	92.6	−20.7	90.7	93.0	102.8
39/198	Y50G_050_050$_{dd}$	0.25	0.5	0.0	0.5	0.5	0.25	120	0.25	0.5	0.0	42.8	−32.6	41.2	52.5	128.3	0.262	0.473	0.095	42.9	−33.2	42.0	53.5	128.3	1.0	119	0.5	1.0	0.0	85.7	−65.2	82.4	105.1	128.3
40/36	G00B_050_050$_{dd}$	0.0	0.5	0.0	0.5	0.5	0.25	150	0.0	0.5	0.0	41.8	−41.3	39.9	57.5	136.0	0.138	0.474	0.093	41.9	−42.0	40.8	58.6	135.8	1.1	149	0.0	1.0	0.0	83.6	−82.7	79.8	115.0	136.0
41/40	G50B_050_050$_{dd}$	0.0	0.5	0.5	0.5	0.5	0.25	210	0.0	0.5	0.5	43.4	−23.0	−6.7	24.0	196.3	0.134	0.472	0.47	43.5	−23.7	−6.8	24.6	196.0	0.6	210	0.0	1.0	1.0	86.8	−46.1	−13.5	48.1	196.3
42/4	B00R_050_050$_{dd}$	0.0	0.0	0.5	0.5	0.5	0.25	270	0.0	0.0	0.5	15.1	38.0	−51.7	64.2	306.2	0.139	0.058	0.474	14.6	39.3	−53.0	66.0	306.5	1.8	270	0.0	0.0	1.0	30.3	76.0	−103.5	128.5	306.2
43/328	B50R_050_050$_{dd}$	0.5	0.0	0.5	0.5	0.5	0.25	330	0.5	0.0	0.5	28.6	47.1	−29.2	55.4	328.2	0.475	0.122	0.472	28.6	47.3	−29.5	55.7	327.9	0.3	330	1.0	0.0	1.0	57.2	94.3	−58.4	110.9	328.2
44/324	R00Y_050_050$_{dd}$	0.5	0.0	0.0	0.5	0.5	0.25	390	0.5	0.0	0.0	25.2	38.4	32.2	50.2	40.0	0.485	0.1	0.037	25.0	39.2	33.3	51.4	40.3	1.3	389	1.0	0.0	0.0	50.4	76.9	64.5	100.4	40.0
45/0	NW_000$_{dd}$	0.0	0.0	0.0	0.0	0.0	0.0	360	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
46/91	NW_013$_{dd}$	0.125	0.125	0.125	0.125	0.0	0.125	360	0.125	0.125	0.125	11.9	0.0	0.0	0.0	0.0	0.129	0.132	0.132	11.9	−0.2	0.0	0.2	198.6	0.2	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
47/182	NW_025$_{dd}$	0.25	0.25	0.25	0.25	0.0	0.25	360	0.25	0.25	0.25	23.8	0.0	0.0	0.0	0.0	0.232	0.236	0.237	23.7	−0.4	−0.2	0.4	207.2	0.4	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
48/273	NW_038$_{dd}$	0.375	0.375	0.375	0.375	0.0	0.375	360	0.375	0.375	0.375	35.7	0.0	0.0	0.0	0.0	0.345	0.35	0.35	35.7	−0.4	−0.2	0.5	205.6	0.5	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
49/364	NW_050$_{dd}$	0.5	0.5	0.5	0.5	0.0	0.5	360	0.5	0.5	0.5	47.7	0.0	0.0	0.0	0.0	0.466	0.47	0.471	47.7	−0.3	−0.1	0.4	205.6	0.4	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
50/455	NW_063$_{dd}$	0.625	0.625	0.625	0.625	0.0	0.625	360	0.625	0.625	0.625	59.6	0.0	0.0	0.0	0.0	0.59	0.593	0.594	59.4	−0.2	−0.1	0.3	206.3	0.3	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
51/546	NW_075$_{dd}$	0.75	0.75	0.75	0.75	0.0	0.75	360	0.75	0.75	0.75	71.5	0.0	0.0	0.0	0.0	0.721	0.724	0.724	71.3	−0.1	0.0	0.2	207.8	0.2	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
52/637	NW_088$_{dd}$	0.875	0.875	0.875	0.875	0.0	0.875	360	0.875	0.875	0.875	83.4	0.0	0.0	0.0	0.0	0.858	0.86	0.86	83.3	0.0	0.0	0.1	212.6	0.1	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
53/728	NW_100$_{dd}$	1.0	1.0	1.0	1.0	0.0	1.0	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0	1.0	1.0	1.0	95.4	0.0	0.0	0.0	325.2	0.0	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0

delta *E' = 0.8**

TUB-prøveplansje RN89; 16-trinns fargetonesirkel, *cf*=1 farger og fargeavstander, Δ*E'**

input: *rgb/cmyk −> rgb*$_{dd}$
output: 3D-linearisering til *rgb**$_{dd}$

http://130.149.60.45/~farbmetrik/RN89/RN89L0FP.PDF /.PS; 3D-linearisering
F: 3D-linearisering RN89/RN89LJ30FP.DAT i fil (F), side 20/33

n=j	HIC*$_{Fdd}$	rgb$_{_Fdd}$			ict$_{_Fdd}$			$h_{si\_F,dd}$	rgb*$_{Fdd}$			LabCh*$_{Fdd}$				
0	NW_000dd	0.0	0.0	0.0	0.0	0.0	0.0	360	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1	B00R_012_012dd	0.0	0.0	0.125	0.125	0.125	0.062	270	0.0	0.0	0.125	3.7	9.5	−12.9	16.0	306.2
2	B00R_025_025dd	0.0	0.0	0.25	0.25	0.25	0.125	270	0.0	0.0	0.25	7.5	19.0	−25.8	32.1	306.2
3	B00R_037_037dd	0.0	0.0	0.375	0.375	0.375	0.187	270	0.0	0.0	0.375	11.3	28.5	−38.8	48.1	306.2
4	B00R_050_050dd	0.0	0.0	0.5	0.5	0.5	0.25	270	0.0	0.0	0.5	15.1	38.0	−51.7	64.2	306.2
5	B00R_062_062dd	0.0	0.0	0.625	0.625	0.625	0.312	270	0.0	0.0	0.625	18.9	47.5	−64.7	80.3	306.2
6	B00R_075_075dd	0.0	0.0	0.75	0.75	0.75	0.375	270	0.0	0.0	0.75	22.7	57.0	−77.6	96.3	306.2
7	B00R_087_087dd	0.0	0.0	0.875	0.875	0.875	0.437	270	0.0	0.0	0.875	26.5	66.5	−90.6	112.4	306.2
8	B00R_100_100dd	0.0	0.0	1.0	1.0	1.0	0.5	270	0.0	0.0	1.0	30.3	76.0	−103.5	128.5	306.2
9	G00B_012_012dd	0.0	0.125	0.0	0.125	0.125	0.062	150	0.0	0.125	0.0	10.4	−10.3	9.9	14.3	136.0
10	G50B_012_012dd	0.0	0.125	0.125	0.125	0.125	0.062	210	0.0	0.125	0.125	10.8	−5.7	−1.6	6.0	196.3
11	G75B_025_025dd	0.0	0.125	0.25	0.25	0.25	0.125	240	0.0	0.125	0.25	12.9	4.5	−17.0	17.6	285.0
12	G84B_037_037dd	0.0	0.125	0.375	0.375	0.375	0.187	251	0.0	0.118	0.375	15.2	17.1	−32.5	36.7	297.8
13	G88B_050_050dd	0.0	0.125	0.5	0.5	0.5	0.25	256	0.0	0.116	0.5	18.2	28.8	−46.7	54.8	301.6
14	G90B_062_062dd	0.0	0.125	0.625	0.625	0.625	0.312	259	0.0	0.114	0.625	21.6	39.4	−60.3	72.1	303.1
15	G92B_075_075dd	0.0	0.125	0.75	0.75	0.75	0.375	261	0.0	0.112	0.75	25.0	50.0	−73.9	89.3	304.0
16	G93B_087_087dd	0.0	0.125	0.875	0.875	0.875	0.437	262	0.0	0.116	0.875	28.7	60.0	−87.1	105.8	304.5
17	G94B_100_100dd	0.0	0.125	1.0	1.0	1.0	0.5	263	0.0	0.116	1.0	32.3	70.0	−100.3	122.3	304.9
18	G00B_025_025dd	0.0	0.25	0.0	0.25	0.25	0.125	150	0.0	0.25	0.0	20.9	−20.6	19.9	28.7	136.0
19	G25B_025_025dd	0.0	0.25	0.125	0.25	0.25	0.125	180	0.0	0.25	0.125	21.0	−18.4	11.2	21.6	148.6
20	G50B_025_025dd	0.0	0.25	0.25	0.25	0.25	0.125	210	0.0	0.25	0.25	21.7	−11.5	−3.3	12.0	196.3
21	G65B_037_037dd	0.0	0.25	0.375	0.375	0.375	0.187	229	0.0	0.256	0.375	24.1	−3.4	−18.3	18.6	259.3
22	G75B_050_050dd	0.0	0.25	0.5	0.5	0.5	0.25	240	0.0	0.25	0.5	25.8	9.1	−34.1	35.3	285.0
23	G80B_062_062dd	0.0	0.25	0.625	0.625	0.625	0.312	247	0.0	0.239	0.625	27.7	22.6	−50.3	55.1	294.2
24	G84B_075_075dd	0.0	0.25	0.75	0.75	0.75	0.375	251	0.0	0.237	0.75	30.5	34.3	−65.0	73.5	297.8
25	G86B_087_087dd	0.0	0.25	0.875	0.875	0.875	0.437	254	0.0	0.233	0.875	33.2	46.6	−79.6	92.2	300.3
26	G88B_100_100dd	0.0	0.25	1.0	1.0	1.0	0.5	256	0.0	0.233	1.0	36.5	57.6	−93.4	109.7	301.6
27	G00B_037_037dd	0.0	0.375	0.0	0.375	0.375	0.187	150	0.0	0.375	0.0	31.3	−31.0	29.9	43.1	136.0
28	G15B_037_037dd	0.0	0.375	0.125	0.375	0.375	0.187	169	0.0	0.375	0.118	31.4	−29.7	23.6	38.0	141.4
29	G34B_037_037dd	0.0	0.375	0.25	0.375	0.375	0.187	191	0.0	0.375	0.256	31.8	−24.7	8.7	26.2	160.4
30	G50B_037_037dd	0.0	0.375	0.375	0.375	0.375	0.187	210	0.0	0.375	0.375	32.5	−17.3	−5.0	18.0	196.3
31	G61B_050_050dd	0.0	0.375	0.5	0.5	0.5	0.25	224	0.0	0.383	0.5	35.1	−9.7	−19.6	21.9	243.6
32	G69B_062_062dd	0.0	0.375	0.625	0.625	0.625	0.312	233	0.0	0.385	0.625	37.3	0.5	−34.8	34.8	270.8
33	G75B_075_075dd	0.0	0.375	0.75	0.75	0.75	0.375	240	0.0	0.375	0.75	38.8	13.7	−51.2	53.0	285.0
34	G79B_087_087dd	0.0	0.375	0.875	0.875	0.875	0.437	245	0.0	0.364	0.875	40.6	26.8	−67.7	72.8	291.5
35	G81B_100_100dd	0.0	0.375	1.0	1.0	1.0	0.5	248	0.0	0.366	1.0	43.4	38.7	−82.0	90.7	295.3
36	G00B_050_050dd	0.0	0.5	0.0	0.5	0.5	0.25	150	0.0	0.5	0.0	41.8	−41.3	39.9	57.5	136.0
37	G11B_050_050dd	0.0	0.5	0.125	0.5	0.5	0.25	164	0.0	0.5	0.116	41.8	−40.4	35.0	53.4	139.0
38	G25B_050_050dd	0.0	0.5	0.25	0.5	0.5	0.25	180	0.0	0.5	0.25	42.1	−36.8	22.4	43.2	148.6
39	G38B_050_050dd	0.0	0.5	0.375	0.5	0.5	0.25	196	0.0	0.5	0.383	42.7	−30.6	6.8	31.4	167.3
40	G50B_050_050dd	0.0	0.5	0.5	0.5	0.5	0.25	210	0.0	0.5	0.5	43.4	−23.0	−6.7	24.0	196.3
41	G59B_062_062dd	0.0	0.5	0.625	0.625	0.625	0.312	221	0.0	0.51	0.625	46.1	−16.3	−21.4	26.9	232.6
42	G65B_075_075dd	0.0	0.5	0.75	0.75	0.75	0.375	229	0.0	0.512	0.75	48.3	−6.9	−36.6	37.3	259.3
43	G70B_087_087dd	0.0	0.5	0.875	0.875	0.875	0.437	235	0.0	0.51	0.875	50.2	4.4	−52.3	52.4	274.9
44	G75B_100_100dd	0.0	0.5	1.0	1.0	1.0	0.5	240	0.0	0.5	1.0	51.7	18.3	−68.3	70.7	285.0
45	G00B_062_062dd	0.0	0.625	0.0	0.625	0.625	0.312	150	0.0	0.625	0.0	52.2	−51.7	49.9	71.9	136.0
46	G09B_062_062dd	0.0	0.625	0.125	0.625	0.625	0.312	161	0.0	0.625	0.114	52.3	−50.9	45.6	68.4	138.1
47	G19B_062_062dd	0.0	0.625	0.25	0.625	0.625	0.312	173	0.0	0.625	0.239	52.5	−48.5	35.7	60.2	143.5
48	G30B_062_062dd	0.0	0.625	0.375	0.625	0.625	0.312	187	0.0	0.625	0.385	52.9	−43.0	19.7	47.3	155.4
49	G40B_062_062dd	0.0	0.625	0.5	0.625	0.625	0.312	199	0.0	0.625	0.51	53.5	−36.5	4.6	36.8	172.6
50	G50B_062_062dd	0.0	0.625	0.625	0.625	0.625	0.312	210	0.0	0.625	0.625	54.2	−28.8	−8.4	30.0	196.3
51	G57B_075_075dd	0.0	0.625	0.75	0.75	0.75	0.375	219	0.0	0.637	0.75	57.1	−22.4	−22.6	31.9	225.3
52	G63B_087_087dd	0.0	0.625	0.875	0.875	0.875	0.437	226	0.0	0.641	0.875	59.4	−13.4	−37.5	39.8	250.2
53	G68B_100_100dd	0.0	0.625	1.0	1.0	1.0	0.5	232	0.0	0.633	1.0	60.9	−1.5	−53.9	53.9	268.3
54	G00B_075_075dd	0.0	0.75	0.0	0.75	0.75	0.375	150	0.0	0.75	0.0	62.7	−62.0	59.9	86.2	136.0
55	G07B_075_075dd	0.0	0.75	0.125	0.75	0.75	0.375	159	0.0	0.75	0.112	62.7	−61.4	56.3	83.3	137.4
56	G15B_075_075dd	0.0	0.75	0.25	0.75	0.75	0.375	169	0.0	0.75	0.237	62.9	−59.4	47.3	76.0	141.4
57	G25B_075_075dd	0.0	0.75	0.375	0.75	0.75	0.375	180	0.0	0.75	0.375	63.2	−55.3	33.7	64.8	148.6
58	G34B_075_075dd	0.0	0.75	0.5	0.75	0.75	0.375	191	0.0	0.75	0.512	63.7	−49.4	17.5	52.4	160.4
59	G42B_075_075dd	0.0	0.75	0.625	0.75	0.75	0.375	201	0.0	0.75	0.637	64.4	−42.2	2.8	42.3	176.2
60	G50B_075_075dd	0.0	0.75	0.75	0.75	0.75	0.375	210	0.0	0.75	0.75	65.1	−34.6	−10.1	36.1	196.3
61	G56B_087_087dd	0.0	0.75	0.875	0.875	0.875	0.437	218	0.0	0.758	0.875	67.7	−27.6	−24.6	37.0	221.6
62	G61B_100_100dd	0.0	0.75	1.0	1.0	1.0	0.5	224	0.0	0.766	1.0	70.2	−19.5	−39.3	43.9	243.6
63	G00B_087_087dd	0.0	0.875	0.0	0.875	0.875	0.437	150	0.0	0.875	0.0	73.1	−72.4	69.9	100.6	136.0
64	G06B_087_087dd	0.0	0.875	0.125	0.875	0.875	0.437	158	0.0	0.875	0.116	73.2	−71.8	66.5	97.9	137.1
65	G13B_087_087dd	0.0	0.875	0.25	0.875	0.875	0.437	166	0.0	0.875	0.233	73.3	−70.2	59.1	91.8	139.8
66	G20B_087_087dd	0.0	0.875	0.375	0.875	0.875	0.437	175	0.0	0.875	0.364	73.6	−67.0	46.9	81.8	145.0
67	G29B_087_087dd	0.0	0.875	0.5	0.875	0.875	0.437	185	0.0	0.875	0.51	74.0	−61.7	30.8	68.9	153.4
68	G36B_087_087dd	0.0	0.875	0.625	0.875	0.875	0.437	194	0.0	0.875	0.641	74.6	−55.2	15.4	57.3	164.3
69	G43B_087_087dd	0.0	0.875	0.75	0.875	0.875	0.437	202	0.0	0.875	0.758	75.2	−48.2	1.7	48.3	177.9
70	G50B_087_087dd	0.0	0.875	0.875	0.875	0.875	0.437	210	0.0	0.875	0.875	76.0	−40.4	−11.8	42.1	196.3
71	G55B_100_100dd	0.0	0.875	1.0	1.0	1.0	0.5	217	0.0	0.883	1.0	78.5	−33.4	−26.3	42.5	218.2
72	G00B_100_100dd	0.0	1.0	0.0	1.0	1.0	0.5	150	0.0	1.0	0.0	83.6	−82.7	79.8	115.0	136.0
73	G05B_100_100dd	0.0	1.0	0.125	1.0	1.0	0.5	157	0.0	1.0	0.116	83.6	−82.1	76.8	112.5	136.9
74	G11B_100_100dd	0.0	1.0	0.25	1.0	1.0	0.5	164	0.0	1.0	0.233	83.7	−80.8	70.1	106.9	139.0
75	G18B_100_100dd	0.0	1.0	0.375	1.0	1.0	0.5	172	0.0	1.0	0.366	84.0	−78.0	58.8	97.7	142.9
76	G25B_100_100dd	0.0	1.0	0.5	1.0	1.0	0.5	180	0.0	1.0	0.5	84.3	−73.7	44.9	86.4	148.6
77	G31B_100_100dd	0.0	1.0	0.625	1.0	1.0	0.5	188	0.0	1.0	0.633	84.8	−68.1	29.5	74.3	156.5
78	G38B_100_100dd	0.0	1.0	0.75	1.0	1.0	0.5	196	0.0	1.0	0.766	85.4	−61.2	13.7	62.8	167.3
79	G44B_100_100dd	0.0	1.0	0.875	1.0	1.0	0.5	203	0.0	1.0	0.883	86.1	−54.1	0.0	54.1	180.0
80	G50B_100_100dd	0.0	1.0	1.0	1.0	1.0	0.5	210	0.0	1.0	1.0	86.8	−46.1	−13.5	48.1	196.3

n=j	rgb'*$_{Fdd}$			LabCh'*$_{Fdd}$					DE'*$_{Fdd}$	$h_{siM,dd}$	rgb*$_{Mdd}$			LabCh*$_{Mdd}$				
0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
1	0.065	0.023	0.136	3.0	8.6	−14.3	16.7	301.0	1.8	270	0.0	0.0	1.0	30.3	76.0	−103.5	128.5	306.2
2	0.102	0.048	0.24	6.6	20.5	−27.6	34.4	306.6	2.5	270	0.0	0.0	1.0	30.3	76.0	−103.5	128.5	306.2
3	0.128	0.058	0.354	10.8	29.8	−40.0	49.9	306.6	1.8	270	0.0	0.0	1.0	30.3	76.0	−103.5	128.5	306.2
4	0.139	0.058	0.474	14.6	39.3	−53.0	66.0	306.5	1.8	270	0.0	0.0	1.0	30.3	76.0	−103.5	128.5	306.2
5	0.142	0.053	0.596	18.4	48.5	−65.5	81.6	306.5	1.4	270	0.0	0.0	1.0	30.3	76.0	−103.5	128.5	306.2
6	0.134	0.043	0.726	22.4	57.8	−78.2	97.2	306.4	1.0	270	0.0	0.0	1.0	30.3	76.0	−103.5	128.5	306.2
7	0.095	0.026	0.861	26.3	66.8	−90.9	112.9	306.3	0.5	270	0.0	0.0	1.0	30.3	76.0	−103.5	128.5	306.2
8	0.0	0.0	1.0	30.3	76.0	−103.5	128.5	306.2	0.0	270	0.0	0.0	1.0	30.3	76.0	−103.5	128.5	306.2
9	0.062	0.135	0.04	10.2	−12.9	11.2	17.1	139.0	2.9	149	0.0	1.0	0.0	83.6	−82.7	79.8	115.0	136.0
10	0.063	0.133	0.132	10.6	−7.1	−2.0	7.4	196.2	1.4	210	0.0	1.0	1.0	86.8	−46.1	−13.5	48.1	196.3
11	0.086	0.137	0.239	12.7	3.6	−17.6	17.9	281.6	1.1	240	0.0	0.5	1.0	51.7	18.3	−68.3	70.7	285.0
12	0.116	0.135	0.354	15.1	17.0	−33.0	37.1	297.3	0.4	251	0.0	0.316	1.0	40.7	45.8	−86.7	98.1	297.8
13	0.134	0.134	0.474	18.1	28.9	−47.2	55.4	301.5	0.5	257	0.0	0.233	1.0	36.5	57.6	−93.4	109.7	301.6
14	0.137	0.135	0.597	21.4	39.4	−60.6	72.3	303.0	0.3	260	0.0	0.183	1.0	34.6	63.0	−96.6	115.3	303.1
15	0.13	0.131	0.726	24.9	50.1	−74.0	89.4	304.0	0.1	262	0.0	0.15	1.0	33.4	66.7	−98.6	119.1	304.0
16	0.09	0.128	0.861	28.5	60.0	−87.3	105.9	304.5	0.1	262	0.0	0.133	1.0	32.8	68.6	−99.6	120.9	304.5
17	0.0	0.117	1.0	32.2	70.2	−100.4	122.5	304.9	0.2	263	0.0	0.116	1.0	32.3	70.0	−100.3	122.3	304.9
18	0.097	0.24	0.07	20.8	−22.1	21.2	30.7	136.1	1.9	149	0.0	1.0	0.0	83.6	−82.7	79.8	115.0	136.0
19	0.089	0.24	0.14	21.0	−19.7	11.1	22.6	150.3	1.2	180	0.0	1.0	0.5	84.3	−73.7	44.9	86.4	148.6
20	0.095	0.238	0.237	21.6	−12.5	−3.5	13.0	195.9	1.0	210	0.0	1.0	1.0	86.8	−46.1	−13.5	48.1	196.3
21	0.102	0.252	0.353	24.1	−3.9	−18.6	19.0	257.9	0.6	228	0.0	0.683	1.0	64.4	−9.2	−48.8	49.7	259.3
22	0.129	0.249	0.473	25.9	9.1	−34.4	35.6	284.8	0.2	240	0.0	0.5	1.0	51.7	18.3	−68.3	70.7	285.0
23	0.131	0.242	0.596	27.6	22.5	−50.4	55.2	294.0	0.1	247	0.0	0.383	1.0	44.3	36.2	−80.5	88.2	294.2
24	0.115	0.243	0.727	30.4	34.2	−65.1	73.5	297.7	0.1	251	0.0	0.316	1.0	40.7	45.8	−86.7	98.1	297.8
25	0.074	0.236	0.862	33.1	46.6	−79.8	92.5	300.2	0.3	255	0.0	0.266	1.0	38.0	53.3	−91.0	105.4	300.3
26	0.0	0.234	1.0	36.4	57.8	−93.4	109.9	301.7	0.2	257	0.0	0.233	1.0	36.5	57.6	−93.4	109.7	301.6
27	0.127	0.354	0.085	31.4	−31.7	31.0	44.3	135.6	1.2	149	0.0	1.0	0.0	83.6	−82.7	79.8	115.0	136.0
28	0.121	0.354	0.144	31.5	−30.3	24.0	38.7	141.5	0.7	168	0.0	1.0	0.316	83.9	−79.2	63.1	101.3	141.4
29	0.116	0.353	0.252	32.0	−25.2	8.8	26.7	160.6	0.5	191	0.0	1.0	0.683	85.0	−65.8	23.4	69.9	160.4
30	0.124	0.352	0.35	32.6	−17.8	−5.1	18.6	195.9	0.5	210	0.0	1.0	1.0	86.8	−46.1	−13.5	48.1	196.3
31	0.124	0.369	0.473	35.2	−10.0	−19.8	22.2	243.2	0.3	222	0.0	0.766	1.0	70.2	−19.5	−39.3	43.9	243.6
32	0.127	0.378	0.596	37.4	0.1	−34.6	34.6	270.2	0.4	232	0.0	0.616	1.0	59.7	0.8	−55.6	55.7	270.8
33	0.121	0.371	0.725	38.8	13.4	−51.0	52.8	284.7	0.3	240	0.0	0.5	1.0	51.7	18.3	−68.3	70.7	285.0
34	0.037	0.366	0.864	40.6	26.4	−67.7	72.7	291.3	0.3	245	0.0	0.416	1.0	46.5	30.6	−77.4	83.2	291.5
35	0.0	0.368	1.0	43.4	38.6	−81.8	90.5	295.2	0.2	248	0.0	0.366	1.0	43.4	38.7	−82.0	90.7	295.3
36	0.138	0.474	0.093	41.9	−42.0	40.8	58.6	135.8	1.1	149	0.0	1.0	0.0	83.6	−82.7	79.8	115.0	136.0
37	0.135	0.474	0.147	42.0	−41.0	35.5	54.3	139.0	0.8	162	0.0	1.0	0.233	83.7	−80.8	70.1	106.9	139.0
38	0.133	0.473	0.253	42.3	−37.3	22.6	43.6	148.7	0.5	180	0.0	1.0	0.5	84.3	−73.7	44.9	86.4	148.6
39	0.13	0.473	0.369	42.8	−31.1	6.9	31.8	167.3	0.5	197	0.0	1.0	0.766	85.4	−61.2	13.7	62.8	167.3
40	0.134	0.472	0.47	43.5	−23.7	−6.8	24.6	196.0	0.6	210	0.0	1.0	1.0	86.8	−46.1	−13.5	48.1	196.3
41	0.103	0.494	0.598	46.2	−17.0	−21.1	27.1	231.2	0.7	219	0.0	0.816	1.0	73.8	−26.1	−34.2	43.1	232.6
42	0.058	0.505	0.729	48.3	−7.5	−36.4	37.2	258.2	0.6	228	0.0	0.683	1.0	64.4	−9.2	−48.8	49.7	259.3
43	0.01	0.509	0.864	50.3	4.1	−52.0	52.2	274.5	0.4	234	0.0	0.583	1.0	57.4	5.1	−59.7	59.9	274.9
44	0.0	0.501	0.999	51.9	18.0	−68.1	70.4	284.8	0.3	240	0.0	0.5	1.0	51.7	18.3	−68.3	70.7	285.0
45	0.141	0.596	0.092	52.2	−52.1	50.5	72.5	135.8	0.6	149	0.0	1.0	0.0	83.6	−82.7	79.8	115.0	136.0
46	0.138	0.596	0.15	52.2	−51.2	46.0	68.8	138.0	0.4	159	0.0	1.0	0.183	83.7	−81.4	73.0	109.4	138.1
47	0.137	0.596	0.249	52.4	−48.6	35.6	60.3	143.7	0.1	172	0.0	1.0	0.383	84.0	−77.6	57.2	96.4	143.5
48	0.133	0.596	0.378	52.9	−43.2	19.5	47.4	155.6	0.2	187	0.0	1.0	0.616	84.7	−68.9	31.5	75.8	155.4
49	0.127	0.596	0.494	53.5	−36.6	4.4	36.8	173.1	0.2	200	0.0	1.0	0.816	85.7	−58.5	7.5	59.0	172.6
50	0.139	0.595	0.593	54.2	−29.2	−8.4	30.4	196.1	0.3	210	0.0	1.0	1.0	86.8	−46.1	−13.5	48.1	196.3
51	0.088	0.619	0.727	57.0	−22.6	−22.8	32.1	225.2	0.2	217	0.0	0.85	1.0	76.2	−29.9	−30.2	42.5	225.3
52	0.031	0.633	0.862	59.3	−13.4	−37.6	40.0	250.2	0.2	224	0.0	0.733	1.0	67.9	−15.3	−42.9	45.5	250.2
53	0.0	0.632	1.0	60.8	−1.2	−53.7	53.8	268.6	0.3	231	0.0	0.633	1.0	60.9	−1.5	−53.9	53.9	268.3
54	0.134	0.726	0.079	62.6	−62.2	60.4	86.7	135.8	0.5	149	0.0	1.0	0.0	83.6	−82.7	79.8	115.0	136.0
55	0.132	0.726	0.146	62.6	−61.5	56.5	83.5	137.4	0.3	157	0.0	1.0	0.15	83.7	−81.8	75.0	111.0	137.4
56	0.129	0.726	0.251	62.8	−59.4	47.2	75.9	141.4	0.1	168	0.0	1.0	0.316	83.9	−79.2	63.1	101.3	141.4
57	0.128	0.726	0.374	63.1	−55.3	33.5	64.6	148.7	0.2	180	0.0	1.0	0.5	84.3	−73.7	44.9	86.4	148.6
58	0.11	0.726	0.505	63.7	−49.4	17.2	52.3	160.7	0.3	191	0.0	1.0	0.683	85.0	−65.8	23.4	69.9	160.4
59	0.115	0.726	0.619	64.3	−42.4	2.8	42.5	176.1	0.2	202	0.0	1.0	0.85	85.9	−56.3	3.7	56.4	176.2
60	0.131	0.725	0.724	65.0	−34.8	−10.1	36.2	196.2	0.2	210	0.0	1.0	1.0	86.8	−46.1	−13.5	48.1	196.3
61	0.059	0.746	0.861	67.6	−27.7	−24.7	37.1	221.6	0.2	217	0.0	0.866	1.0	77.4	−31.5	−28.1	42.2	221.6
62	0.0	0.766	1.0	70.3	−19.2	−38.9	43.3	243.7	0.5	222	0.0	0.766	1.0	70.2	−19.5	−39.3	43.9	243.6
63	0.091	0.861	0.051	73.1	−72.7	70.2	101.1	135.9	0.4	149	0.0	1.0	0.0	83.6	−82.7	79.8	115.0	136.0
64	0.091	0.861	0.138	73.1	−72.0	66.7	98.1	137.1	0.2	157	0.0	1.0	0.133	83.6	−82.0	76.0	111.9	137.1
65	0.087	0.861	0.242	73.2	−70.4	59.1	91.9	139.9	0.1	164	0.0	1.0	0.266	83.8	−80.2	67.6	104.9	139.8
66	0.075	0.861	0.368	73.5	−67.2	46.7	81.9	145.1	0.2	174	0.0	1.0	0.416	84.1	−76.6	53.6	93.5	145.0
67	0.064	0.861	0.509	74.0	−61.8	30.5	69.0	153.7	0.2	185	0.0	1.0	0.583	84.6	−70.5	35.2	78.8	153.4
68	0.066	0.861	0.633	74.5	−55.5	15.5	57.6	164.3	0.3	195	0.0	1.0	0.733	85.2	−63.1	17.6	65.5	164.3
69	0.075	0.86	0.747	75.1	−48.5	1.7	48.5	177.9	0.2	202	0.0	1.0	0.866	86.0	−55.1	1.9	55.2	177.9
70	0.087	0.86	0.86	75.9	−40.6	−11.9	42.3	196.3	0.2	210	0.0	1.0	1.0	86.8	−46.1	−13.5	48.1	196.3
71	0.0	0.883	1.0	78.5	−33.3	−26.1	42.3	218.1	0.2	216	0.0	0.883	1.0	78.5	−33.4	−26.3	42.5	218.2
72	0.0	0.999	0.0	83.6	−82.7	79.8	115.0	136.0	0.0	149	0.0	1.0	0.0	83.6	−82.7	79.8	115.0	136.0
73	0.0	1.0	0.117	83.6	−82.2	76.9	112.5	136.9	0.0	156	0.0	1.0	0.116	83.6	−82.1	76.8	112.5	136.9
74	0.0	1.0	0.234	83.7	−80.8	70.2	107.1	138.9	0.1	162	0.0	1.0	0.233	83.7	−80.8	70.1	106.9	139.0
75	0.0	1.0	0.368	84.0	−77.9	58.7	97.6	142.9	0.0	171	0.0	1.0	0.366	84.0	−78.0	58.8	97.7	142.9
76	0.0	1.0	0.501	84.3	−73.6	44.7	86.1	148.7	0.2	180	0.0	1.0	0.5	84.3	−73.7	44.9	86.4	148.6
77	0.0	1.0	0.632	84.8	−68.1	29.7	74.3	156.4	0.1	188	0.0	1.0	0.633	84.8	−68.1	29.5	74.3	156.5
78	0.0	1.0	0.767	85.4	−61.0	13.8	62.6	167.2	0.2	197	0.0	1.0	0.766	85.4	−61.2	13.7	62.8	167.3
79	0.0	1.0	0.883	86.1	−53.9	0.0	53.9	179.9	0.1	203	0.0	1.0	0.883	86.1	−54.1	0.0	54.1	180.0
80	0.0	1.0	1.0	86.8	−46.1	−13.5	48.1	196.3	0.0	210	0.0	1.0	1.0	86.8	−46.1	−13.5	48.1	196.3

delta E'^* = 0.5

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TUB-prøveplansje RN89; 16-trinns fargetonesirkel, *cf*=1
farger og fargeavstander, $\Delta E'^*$

input: *rgb/cmyk* −> *rgb*$_{dd}$
output: 3D-linearisering til *rgb**$_{dd}$

5−1031934−F0

http://130.149.60.45/~farbmetrik/RN89/RN89L0FP.PDF /.PS; 3D-linearisering
F: 3D-linearisering RN89/RN89LJ30FP.DAT i fil (F), side 21/33

n	HIC^*_{Fdd}	rgb_{Fdd}			ict_{Fdd}			$h_{si\_F,dd}$	rgb^*_{Fdd}			$LabCh^*_{Fdd}$				
81	R00Y_012_012dd	0.125	0.0	0.0	0.125	0.125	0.062	390	0.125	0.0	0.0	6.3	9.6	8.0	12.5	40.0
82	B50R_012_012dd	0.125	0.0	0.125	0.125	0.125	0.062	330	0.125	0.0	0.125	7.1	11.7	−7.3	13.8	328.2
83	B25R_025_025dd	0.125	0.0	0.25	0.25	0.25	0.125	300	0.125	0.0	0.25	9.6	19.9	−22.4	30.0	311.6
84	B15R_037_037dd	0.125	0.0	0.375	0.375	0.375	0.187	289	0.118	0.0	0.375	12.7	29.0	−36.5	46.7	308.4
85	B11R_050_050dd	0.125	0.0	0.5	0.5	0.5	0.25	284	0.116	0.0	0.5	16.1	38.3	−50.0	63.1	307.4
86	B09R_062_062dd	0.125	0.0	0.625	0.625	0.625	0.312	281	0.114	0.0	0.625	19.8	47.8	−63.2	79.3	307.0
87	B07R_075_075dd	0.125	0.0	0.75	0.75	0.75	0.375	279	0.112	0.0	0.75	23.5	57.2	−76.4	95.5	306.8
88	B06R_087_087dd	0.125	0.0	0.875	0.875	0.875	0.437	278	0.116	0.0	0.875	27.2	66.7	−89.5	111.6	306.7
89	B05R_100_100dd	0.125	0.0	1.0	1.0	1.0	0.5	277	0.116	0.0	1.0	30.9	76.2	−102.5	127.8	306.6
90	Y00G_012_012dd	0.125	0.125	0.0	0.125	0.125	0.062	90	0.125	0.125	0.0	11.5	−2.5	11.3	11.6	102.8
91	NW_012dd	0.125	0.125	0.125	0.125	0.0	0.125	360	0.125	0.125	0.125	11.9	0.0	0.0	0.0	0.0
92	B00R_025_012dd	0.125	0.125	0.25	0.25	0.125	0.187	270	0.124	0.124	0.25	15.7	9.5	−12.9	16.0	306.2
93	B00R_037_025dd	0.125	0.125	0.375	0.375	0.25	0.25	270	0.124	0.124	0.375	19.5	19.0	−25.8	32.1	306.2
94	B00R_050_037dd	0.125	0.125	0.5	0.5	0.375	0.312	270	0.124	0.124	0.5	23.3	28.5	−38.8	48.1	306.2
95	B00R_062_050dd	0.125	0.125	0.625	0.625	0.5	0.375	270	0.125	0.125	0.625	27.1	38.0	−51.7	64.2	306.2
96	B00R_075_062dd	0.125	0.125	0.75	0.75	0.625	0.437	270	0.125	0.125	0.75	30.9	47.5	−64.7	80.3	306.2
97	B00R_087_075dd	0.125	0.125	0.875	0.875	0.75	0.5	270	0.125	0.125	0.875	34.7	57.0	−77.6	96.3	306.2
98	B00R_100_087dd	0.125	0.125	1.0	1.0	0.875	0.562	270	0.125	0.125	1.0	38.5	66.5	−90.6	112.4	306.2
99	Y50G_025_025dd	0.125	0.25	0.0	0.25	0.25	0.125	120	0.125	0.25	0.0	21.4	−16.3	20.6	26.2	128.3
100	G00B_025_012dd	0.125	0.25	0.125	0.25	0.125	0.187	150	0.124	0.25	0.124	22.3	−10.3	9.9	14.3	136.0
101	G50B_025_012dd	0.125	0.25	0.25	0.25	0.125	0.187	210	0.124	0.25	0.25	22.7	−5.7	−1.6	6.0	196.3
102	G75B_037_025dd	0.125	0.25	0.375	0.375	0.25	0.25	240	0.124	0.25	0.375	24.8	4.5	−17.0	17.6	285.0
103	G84B_050_037dd	0.125	0.25	0.5	0.5	0.375	0.312	251	0.124	0.243	0.5	27.2	17.1	−32.5	36.7	297.8
104	G88B_062_050dd	0.125	0.25	0.625	0.625	0.5	0.375	256	0.125	0.241	0.625	30.1	28.8	−46.7	54.8	301.6
105	G90B_075_062dd	0.125	0.25	0.75	0.75	0.625	0.437	259	0.125	0.239	0.75	33.5	39.4	−60.3	72.1	303.1
106	G92B_087_075dd	0.125	0.25	0.875	0.875	0.75	0.5	261	0.125	0.237	0.875	36.9	50.0	−73.9	89.3	304.0
107	G93B_100_087dd	0.125	0.25	1.0	1.0	0.875	0.562	262	0.125	0.241	1.0	40.6	60.0	−87.1	105.8	304.5
108	Y68G_037_037dd	0.125	0.375	0.0	0.375	0.375	0.187	131	0.118	0.375	0.0	31.6	−28.2	30.3	41.4	132.9
109	G00B_037_025dd	0.125	0.375	0.125	0.375	0.25	0.25	150	0.124	0.375	0.124	32.8	−20.6	19.9	28.7	136.0
110	G25B_037_025dd	0.125	0.375	0.25	0.375	0.25	0.25	180	0.124	0.375	0.25	33.0	−18.4	11.2	21.6	148.6
111	G50B_037_025dd	0.125	0.375	0.375	0.375	0.25	0.25	210	0.124	0.375	0.375	33.6	−11.5	−3.3	12.0	196.3
112	G65B_050_037dd	0.125	0.375	0.5	0.5	0.375	0.312	229	0.124	0.381	0.5	36.0	−3.4	−18.3	18.6	259.3
113	G75B_062_050dd	0.125	0.375	0.625	0.625	0.5	0.375	240	0.125	0.375	0.625	37.8	9.1	−34.1	35.3	285.0
114	G80B_075_062dd	0.125	0.375	0.75	0.75	0.625	0.437	247	0.125	0.364	0.75	39.6	22.6	−50.3	55.1	294.2
115	G84B_087_075dd	0.125	0.375	0.875	0.875	0.75	0.5	251	0.125	0.362	0.875	42.4	34.3	−65.0	73.5	297.8
116	G86B_100_087dd	0.125	0.375	1.0	1.0	0.875	0.562	254	0.125	0.358	1.0	45.2	46.6	−79.6	92.2	300.3
117	Y76G_050_050dd	0.125	0.5	0.0	0.5	0.5	0.25	136	0.116	0.5	0.0	42.0	−39.3	40.2	56.2	134.3
118	G00B_050_037dd	0.125	0.5	0.125	0.5	0.375	0.312	150	0.124	0.5	0.124	43.2	−31.0	29.9	43.1	136.0
119	G15B_050_037dd	0.125	0.5	0.25	0.5	0.375	0.312	169	0.124	0.5	0.243	43.3	−29.7	23.6	38.0	141.4
120	G34B_050_037dd	0.125	0.5	0.375	0.5	0.375	0.312	191	0.124	0.5	0.381	43.8	−24.7	8.7	26.2	160.4
121	G50B_050_037dd	0.125	0.5	0.5	0.5	0.375	0.312	210	0.124	0.5	0.5	44.5	−17.3	−5.0	18.0	196.3
122	G61B_062_050dd	0.125	0.5	0.625	0.625	0.5	0.375	224	0.125	0.508	0.625	47.0	−9.7	−19.6	21.9	243.6
123	G69B_075_062dd	0.125	0.5	0.75	0.75	0.625	0.437	233	0.125	0.51	0.75	49.2	0.5	−34.8	34.8	270.8
124	G75B_087_075dd	0.125	0.5	0.875	0.875	0.75	0.5	240	0.125	0.5	0.875	50.7	13.7	−51.2	53.0	285.0
125	G79B_100_087dd	0.125	0.5	1.0	1.0	0.875	0.562	245	0.125	0.489	1.0	52.6	26.8	−67.7	72.8	291.5
126	Y81G_062_062dd	0.125	0.625	0.0	0.625	0.625	0.312	139	0.114	0.625	0.0	52.4	−49.9	50.1	70.8	134.8
127	G00B_062_050dd	0.125	0.625	0.125	0.625	0.5	0.375	150	0.125	0.625	0.125	53.7	−41.3	39.9	57.5	136.0
128	G11B_062_050dd	0.125	0.625	0.25	0.625	0.5	0.375	164	0.125	0.625	0.241	53.8	−40.4	35.0	53.4	139.0
129	G25B_062_050dd	0.125	0.625	0.375	0.625	0.5	0.375	180	0.125	0.625	0.375	54.0	−36.8	22.4	43.2	148.6
130	G38B_062_050dd	0.125	0.625	0.5	0.625	0.5	0.375	196	0.125	0.625	0.508	54.6	−30.6	6.8	31.4	167.3
131	G50B_062_050dd	0.125	0.625	0.625	0.625	0.5	0.375	210	0.125	0.625	0.625	55.3	−23.0	−6.7	24.0	196.3
132	G59B_075_062dd	0.125	0.625	0.75	0.75	0.625	0.437	221	0.125	0.635	0.75	58.0	−16.3	−21.4	26.9	232.6
133	G65B_087_075dd	0.125	0.625	0.875	0.875	0.75	0.5	229	0.125	0.637	0.875	60.2	−6.9	−36.6	37.3	259.3
134	G70B_100_087dd	0.125	0.625	1.0	1.0	0.875	0.562	235	0.125	0.635	1.0	62.2	4.4	−52.3	52.4	274.9
135	Y85G_075_075dd	0.125	0.75	0.0	0.75	0.75	0.375	141	0.112	0.75	0.0	62.8	−60.6	60.1	85.3	135.2
136	G00B_075_062dd	0.125	0.75	0.125	0.75	0.625	0.437	150	0.125	0.75	0.125	64.1	−51.7	49.9	71.9	136.0
137	G09B_075_062dd	0.125	0.75	0.25	0.75	0.625	0.437	161	0.125	0.75	0.239	64.2	−50.9	45.6	68.4	138.1
138	G19B_075_062dd	0.125	0.75	0.375	0.75	0.625	0.437	173	0.125	0.75	0.364	64.4	−48.5	35.7	60.2	143.5
139	G30B_075_062dd	0.125	0.75	0.5	0.75	0.625	0.437	187	0.125	0.75	0.51	64.8	−43.0	19.7	47.3	155.4
140	G40B_075_062dd	0.125	0.75	0.625	0.75	0.625	0.437	199	0.125	0.75	0.635	65.5	−36.5	4.6	36.8	172.6
141	G50B_075_062dd	0.125	0.75	0.75	0.75	0.625	0.437	210	0.125	0.75	0.75	66.2	−28.8	−8.4	30.0	196.3
142	G57B_087_075dd	0.125	0.75	0.875	0.875	0.75	0.5	219	0.125	0.762	0.875	69.0	−22.4	−22.6	31.9	225.3
143	G63B_100_087dd	0.125	0.75	1.0	1.0	0.875	0.562	226	0.125	0.766	1.0	71.3	−13.4	−37.5	39.8	250.2
144	Y86G_087_087dd	0.125	0.875	0.0	0.875	0.875	0.437	142	0.116	0.875	0.0	73.3	−71.1	70.0	99.8	135.4
145	G00B_087_075dd	0.125	0.875	0.125	0.875	0.75	0.5	150	0.125	0.875	0.125	74.6	−62.0	59.9	86.2	136.0
146	G07B_087_075dd	0.125	0.875	0.25	0.875	0.75	0.5	159	0.125	0.875	0.237	74.7	−61.4	56.3	83.3	137.4
147	G15B_087_075dd	0.125	0.875	0.375	0.875	0.75	0.5	169	0.125	0.875	0.362	74.8	−59.4	47.3	76.0	141.4
148	G25B_087_075dd	0.125	0.875	0.5	0.875	0.75	0.5	180	0.125	0.875	0.5	75.1	−55.3	33.7	64.8	148.6
149	G34B_087_075dd	0.125	0.875	0.625	0.875	0.75	0.5	191	0.125	0.875	0.637	75.7	−49.4	17.5	52.4	160.4
150	G42B_087_075dd	0.125	0.875	0.75	0.875	0.75	0.5	201	0.125	0.875	0.762	76.3	−42.2	2.8	42.3	176.2
151	G50B_087_075dd	0.125	0.875	0.875	0.875	0.75	0.5	210	0.125	0.875	0.875	77.0	−34.6	−10.1	36.1	196.3
152	G56B_100_087dd	0.125	0.875	1.0	1.0	0.875	0.562	218	0.125	0.883	1.0	79.6	−27.6	−24.6	37.0	221.6
153	Y88G_100_100dd	0.125	1.0	0.0	1.0	1.0	0.5	143	0.116	1.0	0.0	83.7	−81.5	80.0	114.2	135.5
154	G00B_100_087dd	0.125	1.0	0.125	1.0	0.875	0.562	150	0.125	1.0	0.125	85.1	−72.4	69.9	100.6	136.0
155	G06B_100_087dd	0.125	1.0	0.25	1.0	0.875	0.562	158	0.125	1.0	0.241	85.1	−71.8	66.5	97.9	137.1
156	G13B_100_087dd	0.125	1.0	0.375	1.0	0.875	0.562	166	0.125	1.0	0.358	85.2	−70.2	59.1	91.8	139.8
157	G20B_100_087dd	0.125	1.0	0.5	1.0	0.875	0.562	175	0.125	1.0	0.489	85.5	−67.0	46.9	81.8	145.0
158	G29B_100_087dd	0.125	1.0	0.625	1.0	0.875	0.562	185	0.125	1.0	0.635	85.9	−61.7	30.8	68.9	153.4
159	G36B_100_087dd	0.125	1.0	0.75	1.0	0.875	0.562	194	0.125	1.0	0.766	86.5	−55.2	15.4	57.3	164.3
160	G43B_100_087dd	0.125	1.0	0.875	1.0	0.875	0.562	202	0.125	1.0	0.883	87.1	−48.2	1.7	48.3	177.9
161	G50B_100_087dd	0.125	1.0	1.0	1.0	0.875	0.562	210	0.125	1.0	1.0	87.9	−40.4	−11.8	42.1	196.3

n	rgb'^*_{Fdd}			$LabCh'^*_{Fdd}$					DE'^*_{Fdd}	$h_{siM,dd}$	rgb^*_{Mdd}			$LabCh^*_{Mdd}$				
81	0.151	0.041	0.011	5.3	11.8	6.5	13.5	29.0	2.8	389	1.0	0.0	0.0	50.4	76.9	64.5	100.4	40.0
82	0.137	0.052	0.133	6.1	14.1	−8.9	16.7	327.7	3.0	330	1.0	0.0	1.0	57.2	94.3	−58.4	110.9	328.2
83	0.147	0.061	0.24	8.8	21.3	−23.9	32.0	311.7	2.2	300	0.5	0.0	1.0	38.5	79.8	−89.7	120.0	311.6
84	0.159	0.064	0.354	12.0	30.1	−38.0	48.5	308.4	1.9	288	0.316	0.0	1.0	33.9	77.4	−97.5	124.5	308.4
85	0.171	0.062	0.474	15.5	39.6	−51.4	64.9	307.5	1.9	282	0.233	0.0	1.0	32.3	76.7	−100.1	126.2	307.4
86	0.177	0.057	0.596	19.2	48.7	−64.2	80.6	307.2	1.4	279	0.183	0.0	1.0	31.7	76.5	−101.2	126.9	307.0
87	0.172	0.046	0.726	23.0	57.9	−77.1	96.5	306.9	1.0	278	0.15	0.0	1.0	31.3	76.3	−101.9	127.4	306.8
88	0.155	0.027	0.861	26.9	67.1	−89.9	112.1	306.7	0.5	277	0.133	0.0	1.0	31.1	76.3	−102.3	127.6	306.7
89	0.117	0.0	0.999	30.9	76.2	−102.6	127.8	306.6	0.0	276	0.116	0.0	1.0	30.9	76.2	−102.5	127.8	306.6
90	0.137	0.131	0.043	11.4	−3.1	12.9	13.2	103.7	1.6	89	1.0	1.0	0.0	92.6	−20.7	90.7	93.0	102.8
91	0.129	0.132	0.132	11.9	−0.2	0.0	0.2	198.6	0.2	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
92	0.173	0.147	0.24	15.4	9.0	−13.5	16.2	303.6	0.8	270	0.0	0.0	1.0	30.3	76.0	−103.5	128.5	306.2
93	0.216	0.16	0.356	19.1	18.8	−26.7	32.7	305.2	0.9	270	0.0	0.0	1.0	30.3	76.0	−103.5	128.5	306.2
94	0.257	0.17	0.477	23.0	29.0	−39.6	49.1	306.2	0.9	270	0.0	0.0	1.0	30.3	76.0	−103.5	128.5	306.2
95	0.285	0.178	0.6	26.6	38.4	−52.4	65.0	306.2	0.8	270	0.0	0.0	1.0	30.3	76.0	−103.5	128.5	306.2
96	0.31	0.184	0.73	30.4	48.0	−65.3	81.0	306.3	0.8	270	0.0	0.0	1.0	30.3	76.0	−103.5	128.5	306.2
97	0.329	0.188	0.865	34.3	57.5	−78.3	97.1	306.3	0.9	270	0.0	0.0	1.0	30.3	76.0	−103.5	128.5	306.2
98	0.346	0.188	1.0	38.0	66.8	−90.6	112.6	306.4	0.5	270	0.0	0.0	1.0	30.3	76.0	−103.5	128.5	306.2
99	0.145	0.238	0.072	21.3	−17.3	21.8	27.9	128.3	1.6	119	0.5	1.0	0.0	85.7	−65.2	82.4	105.1	128.3
100	0.17	0.239	0.16	22.2	−11.4	9.8	15.0	139.2	1.0	149	0.0	1.0	0.0	83.6	−82.7	79.8	115.0	136.0
101	0.171	0.238	0.237	22.6	−6.5	−2.0	6.8	196.9	0.8	210	0.0	1.0	1.0	86.8	−46.1	−13.5	48.1	196.3
102	0.203	0.242	0.353	24.7	4.0	−17.5	18.0	282.8	0.7	240	0.0	0.5	1.0	51.7	18.3	−68.3	70.7	285.0
103	0.246	0.24	0.476	27.1	17.2	−32.9	37.1	297.5	0.3	251	0.0	0.316	1.0	40.7	45.8	−86.7	98.1	297.8
104	0.278	0.242	0.599	30.0	28.6	−46.8	54.9	301.4	0.2	257	0.0	0.233	1.0	36.5	57.6	−93.4	109.7	301.6
105	0.304	0.248	0.73	33.4	39.1	−60.4	71.9	302.8	0.3	260	0.0	0.183	1.0	34.6	63.0	−96.6	115.3	303.1
106	0.325	0.251	0.865	36.9	49.8	−74.0	89.2	303.9	0.2	262	0.0	0.15	1.0	33.4	66.7	−98.6	119.1	304.0
107	0.341	0.25	1.0	40.3	60.0	−86.9	105.6	304.6	0.3	262	0.0	0.133	1.0	32.8	68.6	−99.6	120.9	304.5
108	0.157	0.353	0.086	31.6	−29.3	31.3	42.9	133.1	1.4	131	0.316	1.0	0.0	84.4	−75.3	80.9	110.6	132.9
109	0.212	0.355	0.184	32.8	−21.8	20.2	29.8	137.1	1.2	149	0.0	1.0	0.0	83.6	−82.7	79.8	115.0	136.0
110	0.207	0.354	0.247	33.0	−19.3	11.1	22.3	149.9	0.8	180	0.0	1.0	0.5	84.3	−73.7	44.9	86.4	148.6
111	0.212	0.352	0.35	33.6	−12.4	−3.5	12.9	196.1	0.9	210	0.0	1.0	1.0	86.8	−46.1	−13.5	48.1	196.3
112	0.232	0.366	0.474	36.1	−3.9	−18.5	19.0	258.1	0.5	228	0.0	0.683	1.0	64.4	−9.2	−48.8	49.7	259.3
113	0.266	0.362	0.597	37.7	8.7	−34.1	35.2	284.3	0.4	240	0.0	0.5	1.0	51.7	18.3	−68.3	70.7	285.0
114	0.291	0.354	0.728	39.5	22.3	−50.3	55.1	293.8	0.3	247	0.0	0.383	1.0	44.3	36.2	−80.5	88.2	294.2
115	0.309	0.357	0.866	42.3	34.0	−65.2	73.5	297.5	0.3	251	0.0	0.316	1.0	40.7	45.8	−86.7	98.1	297.8
116	0.328	0.353	1.0	45.0	46.1	−79.2	91.7	300.1	0.6	255	0.0	0.266	1.0	38.0	53.3	−91.0	105.4	300.3
117	0.168	0.473	0.094	42.1	−40.3	41.0	57.5	134.5	1.2	137	0.233	1.0	0.0	84.0	−78.7	80.4	112.5	134.3
118	0.254	0.476	0.205	43.4	−31.6	30.5	44.0	136.0	0.8	149	0.0	1.0	0.0	83.6	−82.7	79.8	115.0	136.0
119	0.251	0.476	0.257	43.5	−30.0	23.8	38.4	141.5	0.4	168	0.0	1.0	0.316	83.9	−79.2	63.1	101.3	141.4
120	0.244	0.475	0.367	43.9	−25.1	8.8	26.6	160.6	0.4	191	0.0	1.0	0.683	85.0	−65.8	23.4	69.9	160.4
121	0.254	0.473	0.47	44.6	−17.8	−5.1	18.5	196.0	0.5	210	0.0	1.0	1.0	86.8	−46.1	−13.5	48.1	196.3
122	0.265	0.49	0.596	47.1	−10.3	−19.4	22.0	242.0	0.6	222	0.0	0.766	1.0	70.2	−19.5	−39.3	43.9	243.6
123	0.285	0.498	0.726	49.3	0.0	−34.5	34.5	269.8	0.6	232	0.0	0.616	1.0	59.7	0.8	−55.6	55.7	270.8
124	0.303	0.491	0.862	50.7	13.2	−51.2	52.9	284.4	0.5	240	0.0	0.5	1.0	51.7	18.3	−68.3	70.7	285.0
125	0.309	0.486	1.0	52.5	25.8	−67.0	71.8	291.1	1.1	245	0.0	0.416	1.0	46.5	30.6	−77.4	83.2	291.5
126	0.175	0.596	0.093	52.3	−50.6	50.7	71.6	134.9	0.8	140	0.183	1.0	0.0	83.9	−79.9	80.2	113.3	134.8
127	0.283	0.599	0.224	53.6	−41.7	40.1	57.9	136.1	0.4	149	0.0	1.0	0.0	83.6	−82.7	79.8	115.0	136.0
128	0.279	0.599	0.269	53.7	−40.7	34.9	53.7	139.3	0.3	162	0.0	1.0	0.233	83.7	−80.8	70.1	106.9	139.0
129	0.274	0.599	0.37	54.0	−37.1	22.2	43.2	149.0	0.3	180	0.0	1.0	0.5	84.3	−73.7	44.9	86.4	148.6
130	0.272	0.598	0.49	54.5	−30.8	6.5	31.5	168.0	0.3	197	0.0	1.0	0.766	85.4	−61.2	13.7	62.8	167.3
131	0.283	0.596	0.593	55.2	−23.4	−6.8	24.4	196.1	0.4	210	0.0	1.0	1.0	86.8	−46.1	−13.5	48.1	196.3
132	0.282	0.617	0.728	57.9	−16.5	−21.4	27.1	232.4	0.2	219	0.0	0.816	1.0	73.8	−26.1	−34.2	43.1	232.6
133	0.286	0.628	0.865	60.0	−6.9	−36.8	37.5	259.2	0.2	228	0.0	0.683	1.0	64.4	−9.2	−48.8	49.7	259.3
134	0.297	0.632	1.0	61.9	4.0	−51.8	52.0	274.4	0.6	234	0.0	0.583	1.0	57.4	5.1	−59.7	59.9	274.9
135	0.171	0.726	0.078	62.7	−61.0	60.6	86.0	135.1	0.7	142	0.15	1.0	0.0	83.8	−80.8	80.1	113.8	135.2
136	0.307	0.729	0.241	64.0	−52.0	49.8	72.0	136.2	0.3	149	0.0	1.0	0.0	83.6	−82.7	79.8	115.0	136.0
137	0.303	0.729	0.282	64.1	−51.2	45.6	68.6	138.3	0.3	159	0.0	1.0	0.183	83.7	−81.4	73.0	109.4	138.1
138	0.298	0.729	0.371	64.3	−48.7	35.5	60.2	143.9	0.3	172	0.0	1.0	0.383	84.0	−77.6	57.2	96.4	143.5
139	0.295	0.728	0.502	64.7	−43.2	19.3	47.3	155.8	0.4	187	0.0	1.0	0.616	84.7	−68.9	31.5	75.8	155.4
140	0.293	0.728	0.618	65.3	−36.8	4.7	37.1	172.7	0.3	200	0.0	1.0	0.816	85.7	−58.5	7.5	59.0	172.6
141	0.306	0.726	0.723	66.0	−29.3	−8.5	30.5	196.2	0.4	210	0.0	1.0	1.0	86.8	−46.1	−13.5	48.1	196.3
142	0.303	0.752	0.863	68.9	−22.5	−22.8	32.1	225.2	0.2	217	0.0	0.85	1.0	76.2	−29.9	−30.2	42.5	225.3
143	0.306	0.765	1.0	71.2	−13.8	−37.3	39.8	249.7	0.4	224	0.0	0.733	1.0	67.9	−15.3	−42.9	45.5	250.2
144	0.157	0.861	0.051	73.2	−71.3	70.4	100.2	135.3	0.4	142	0.133	1.0	0.0	83.7	−81.2	80.1	114.1	135.4
145	0.328	0.865	0.254	74.5	−62.2	59.8	86.3	136.1	0.2	149	0.0	1.0	0.0	83.6	−82.7	79.8	115.0	136.0
146	0.324	0.865	0.29	74.6	−61.7	56.4	83.6	137.5	0.3	157	0.0	1.0	0.15	83.7	−81.8	75.0	111.0	137.4
147	0.319	0.865	0.38	74.7	−59.6	47.1	76.0	141.6	0.3	168	0.0	1.0	0.316	83.9	−79.2	63.1	101.3	141.4
148	0.315	0.864	0.5	75.1	−55.4	33.4	64.7	148.9	0.3	180	0.0	1.0	0.5	84.3	−73.7	44.9	86.4	148.6
149	0.308	0.864	0.63	75.6	−49.7	17.6	52.7	160.4	0.3	191	0.0	1.0	0.683	85.0	−65.8	23.4	69.9	160.4
150	0.314	0.863	0.751	76.2	−42.5	2.8	42.6	176.2	0.2	202	0.0	1.0	0.85	85.9	−56.3	3.7	56.4	176.2
151	0.33	0.862	0.86	77.0	−34.8	−10.2	36.3	196.3	0.2	210	0.0	1.0	1.0	86.8	−46.1	−13.5	48.1	196.3
152	0.323	0.884	1.0	79.5	−27.8	−24.5	37.1	221.3	0.2	217	0.0	0.866	1.0	77.4	−31.5	−28.1	42.2	221.6
153	0.117	0.999	0.0	83.7	−81.6	80.0	114.3	135.5	0.0	143	0.116	1.0	0.0	83.7	−81.5	80.0	114.2	135.5
154	0.342	1.0	0.26	84.7	−72.2	69.5	100.2	136.0	0.5	149	0.0	1.0	0.0	83.6	−82.7	79.8	115.0	136.0
155	0.339	1.0	0.298	84.7	−71.7	66.4	97.7	137.1	0.3	157	0.0	1.0	0.133	83.6	−82.0	76.0	111.9	137.1
156	0.336	1.0	0.376	84.9	−70.1	59.2	91.8	139.8	0.3	164	0.0	1.0	0.266	83.8	−80.2	67.6	104.9	139.8
157	0.328	1.0	0.499	85.1	−66.8	46.2	81.2	145.3	0.7	174	0.0	1.0	0.416	84.1	−76.6	53.6	93.5	145.0
158	0.321	1.0	0.636	85.6	−61.6	30.5	68.7	153.6	0.4	185	0.0	1.0	0.583	84.6	−70.5	35.2	78.8	153.4
159	0.324	1.0	0.766	86.2	−55.1	15.1	57.1	164.6	0.4	195	0.0	1.0	0.733	85.2	−63.1	17.6	65.5	164.3
160	0.332	1.0	0.883	86.9	−48.1	1.4	48.1	178.3	0.3	202	0.0	1.0	0.866	86.0	−55.1	1.9	55.2	177.9
161	0.348	1.0	0.999	87.7	−40.2	−12.1	42.0	196.7	0.3	210	0.0	1.0	1.0	86.8	−46.1	−13.5	48.1	196.3

delta E'^* = 0.6

5−1032034−F0 RN890−7N, 21/33−F

TUB-prøveplansje RN89; 16-trinns fargetonesirkel, *cf*=1
farger og fargeavstander, $\Delta E'^*$

input: $rgb/cmyk \rightarrow rgb_{dd}$
output: 3D-linearisering til rgb^*_{dd}

TUB registrering: 20150701-RN89/RN89L0FP.PDF /.PS TUB-material: code=rha4ta
anvendelse for måling av display output, ingen separasjon rgb* (RGB)

se lignende filer: http://130.149.60.45/~farbmetrik/RN89/RN89.HTM
teknisk informasjon: http://www.ps.bam.de eller http://130.149.60.45/~farbmetrik

http://130.149.60.45/~farbmetrik/RN89/RN89L0FP.PDF /.PS; 3D-linearisering
F: 3D-linearisering RN89/RN89LJ30FP.DAT i fil (F), side 22/33

n	HIC^*_{Fdd}	rgb_{Fdd}			ict_{Fdd}			$h_{si\_F,dd}$	rgb^*_{Fdd}			$LabCh^*_{Fdd}$				
162	R00Y_025_025dd	0.25	0.0	0.0	0.25	0.25	0.125	390	0.25	0.0	0.0	12.6	19.2	16.1	25.1	40.0
163	R00Y_025_025dd	0.25	0.0	0.125	0.25	0.25	0.125	360	0.25	0.0	0.125	13.0	20.2	1.0	20.3	2.9
164	B50R_025_025dd	0.25	0.0	0.25	0.25	0.25	0.125	330	0.25	0.0	0.25	14.3	23.5	−14.6	27.7	328.2
165	B34R_037_037dd	0.25	0.0	0.375	0.375	0.375	0.187	311	0.256	0.0	0.375	16.8	31.5	−29.7	43.3	316.7
166	B25R_050_050dd	0.25	0.0	0.5	0.5	0.5	0.25	300	0.25	0.0	0.5	19.2	39.9	−44.8	60.0	311.6
167	B19R_062_062dd	0.25	0.0	0.625	0.625	0.625	0.312	293	0.239	0.0	0.625	22.1	48.8	−59.4	76.9	309.3
168	B15R_075_075dd	0.25	0.0	0.75	0.75	0.75	0.375	289	0.237	0.0	0.75	25.4	58.1	−73.1	93.4	308.4
169	B13R_087_087dd	0.25	0.0	0.875	0.875	0.875	0.437	286	0.233	0.0	0.875	28.8	67.3	−86.8	109.9	307.8
170	B11R_100_100dd	0.25	0.0	1.0	1.0	1.0	0.5	284	0.233	0.0	1.0	32.3	76.7	−100.1	126.2	307.4
171	R50Y_025_025dd	0.25	0.125	0.0	0.25	0.25	0.125	60	0.25	0.125	0.0	15.9	10.3	17.7	20.5	59.7
172	R00Y_025_012dd	0.25	0.125	0.125	0.25	0.125	0.187	390	0.25	0.124	0.124	18.2	9.6	8.0	12.5	40.0
173	B50R_025_012dd	0.25	0.125	0.25	0.25	0.125	0.187	330	0.25	0.124	0.25	19.0	11.7	−7.3	13.8	328.2
174	B25R_037_025dd	0.25	0.125	0.375	0.375	0.25	0.25	300	0.25	0.124	0.375	21.5	19.9	−22.4	30.0	311.6
175	B15R_050_037dd	0.25	0.125	0.5	0.5	0.375	0.312	289	0.243	0.124	0.5	24.6	29.0	−36.5	46.7	308.4
176	B11R_062_050dd	0.25	0.125	0.625	0.625	0.5	0.375	284	0.241	0.125	0.625	28.1	38.3	−50.0	63.1	307.4
177	B09R_075_062dd	0.25	0.125	0.75	0.75	0.625	0.437	281	0.239	0.125	0.75	31.7	47.8	−63.2	79.3	307.0
178	B07R_087_075dd	0.25	0.125	0.875	0.875	0.75	0.5	279	0.237	0.125	0.875	35.4	57.2	−76.4	95.5	306.8
179	B06R_100_087dd	0.25	0.125	1.0	1.0	0.875	0.562	278	0.241	0.125	1.0	39.1	66.7	−89.5	111.6	306.7
180	Y00G_025_025dd	0.25	0.25	0.0	0.25	0.25	0.125	90	0.25	0.25	0.0	23.1	−5.1	22.6	23.2	102.8
181	Y00G_025_012dd	0.25	0.25	0.125	0.25	0.125	0.187	90	0.25	0.25	0.124	23.5	−2.5	11.3	11.6	102.8
182	NW_025dd	0.25	0.25	0.25	0.25	0.0	0.25	360	0.25	0.25	0.25	23.8	0.0	0.0	0.0	0.0
183	B00R_037_012dd	0.25	0.25	0.375	0.375	0.125	0.312	270	0.249	0.249	0.375	27.6	9.5	−12.9	16.0	306.2
184	B00R_050_025dd	0.25	0.25	0.5	0.5	0.25	0.375	270	0.249	0.249	0.5	31.4	19.0	−25.8	32.1	306.2
185	B00R_062_037dd	0.25	0.25	0.625	0.625	0.375	0.437	270	0.25	0.25	0.625	35.2	28.5	−38.8	48.1	306.2
186	B00R_075_050dd	0.25	0.25	0.75	0.75	0.5	0.5	270	0.25	0.25	0.75	39.0	38.0	−51.7	64.2	306.2
187	B00R_087_062dd	0.25	0.25	0.875	0.875	0.625	0.562	270	0.25	0.25	0.875	42.8	47.5	−64.7	80.3	306.2
188	B00R_100_075dd	0.25	0.25	1.0	1.0	0.75	0.625	270	0.25	0.25	1.0	46.6	57.0	−77.6	96.3	306.2
189	Y31G_037_037dd	0.25	0.375	0.0	0.375	0.375	0.187	109	0.256	0.375	0.0	32.8	−19.0	31.8	37.1	120.8
190	Y50G_037_025dd	0.25	0.375	0.125	0.375	0.25	0.25	120	0.25	0.375	0.124	33.3	−16.3	20.6	26.2	128.3
191	G00B_037_012dd	0.25	0.375	0.25	0.375	0.125	0.312	150	0.249	0.375	0.249	34.3	−10.3	9.9	14.3	136.0
192	G50B_037_012dd	0.25	0.375	0.375	0.375	0.125	0.312	210	0.249	0.375	0.375	34.7	−5.7	−1.6	6.0	196.3
193	G75B_050_025dd	0.25	0.375	0.5	0.5	0.25	0.375	240	0.249	0.375	0.5	36.7	4.5	−17.0	17.6	285.0
194	G84B_062_037dd	0.25	0.375	0.625	0.625	0.375	0.437	251	0.25	0.368	0.625	39.1	17.1	−32.5	36.7	297.8
195	G88B_075_050dd	0.25	0.375	0.75	0.75	0.5	0.5	256	0.25	0.366	0.75	42.1	28.8	−46.7	54.8	301.6
196	G90B_087_062dd	0.25	0.375	0.875	0.875	0.625	0.562	259	0.25	0.364	0.875	45.5	39.4	−60.3	72.1	303.1
197	G92B_100_075dd	0.25	0.375	1.0	1.0	0.75	0.625	261	0.25	0.362	1.0	48.9	50.0	−73.9	89.3	304.0
198	Y50G_050_050dd	0.25	0.5	0.0	0.5	0.5	0.25	120	0.25	0.5	0.0	42.8	−32.6	41.2	52.5	128.3
199	Y68G_050_037dd	0.25	0.5	0.125	0.5	0.375	0.312	131	0.243	0.5	0.124	43.6	−28.2	30.3	41.4	132.9
200	G00B_050_025dd	0.25	0.5	0.25	0.5	0.25	0.375	150	0.249	0.5	0.249	44.7	−20.6	19.9	28.7	136.0
201	G25B_050_025dd	0.25	0.5	0.375	0.5	0.25	0.375	180	0.249	0.5	0.375	44.9	−18.4	11.2	21.6	148.6
202	G50B_050_025dd	0.25	0.5	0.5	0.5	0.25	0.375	210	0.249	0.5	0.5	45.5	−11.5	−3.3	12.0	196.3
203	G65B_062_037dd	0.25	0.5	0.625	0.625	0.375	0.437	229	0.25	0.506	0.625	48.0	−3.4	−18.3	18.6	259.3
204	G75B_075_050dd	0.25	0.5	0.75	0.75	0.5	0.5	240	0.25	0.5	0.75	49.7	9.1	−34.1	35.3	285.0
205	G80B_087_062dd	0.25	0.5	0.875	0.875	0.625	0.562	247	0.25	0.489	0.875	51.5	22.6	−50.3	55.1	294.2
206	G84B_100_075dd	0.25	0.5	1.0	1.0	0.75	0.625	251	0.25	0.487	1.0	54.4	34.3	−65.0	73.5	297.8
207	Y61G_062_062dd	0.25	0.625	0.0	0.625	0.625	0.312	127	0.239	0.625	0.0	53.0	−45.2	50.8	68.0	131.6
208	Y76G_062_050dd	0.25	0.625	0.125	0.625	0.5	0.375	136	0.241	0.625	0.125	53.9	−39.3	40.2	56.2	134.3
209	G00B_062_037dd	0.25	0.625	0.25	0.625	0.375	0.437	150	0.25	0.625	0.25	55.2	−31.0	29.9	43.1	136.0
210	G15B_062_037dd	0.25	0.625	0.375	0.625	0.375	0.437	169	0.25	0.625	0.368	55.3	−29.7	23.6	38.0	141.4
211	G34B_062_037dd	0.25	0.625	0.5	0.625	0.375	0.437	191	0.25	0.625	0.506	55.7	−24.7	8.7	26.2	160.4
212	G50B_062_037dd	0.25	0.625	0.625	0.625	0.375	0.437	210	0.25	0.625	0.625	56.4	−17.3	−5.0	18.0	196.3
213	G61B_075_050dd	0.25	0.625	0.75	0.75	0.5	0.5	224	0.25	0.633	0.75	59.0	−9.7	−19.6	21.9	243.6
214	G69B_087_062dd	0.25	0.625	0.875	0.875	0.625	0.562	233	0.25	0.635	0.875	61.1	0.5	−34.8	34.8	270.8
215	G75B_100_075dd	0.25	0.625	1.0	1.0	0.75	0.625	240	0.25	0.625	1.0	62.6	13.7	−51.2	53.0	285.0
216	Y68G_075_075dd	0.25	0.75	0.0	0.75	0.75	0.375	131	0.237	0.75	0.0	63.3	−56.5	60.7	82.9	132.9
217	Y81G_075_062dd	0.25	0.75	0.125	0.75	0.625	0.437	139	0.239	0.75	0.125	64.3	−49.9	50.1	70.8	134.8
218	G00B_075_050dd	0.25	0.75	0.25	0.75	0.5	0.5	150	0.25	0.75	0.25	65.6	−41.3	39.9	57.5	136.0
219	G11B_075_050dd	0.25	0.75	0.375	0.75	0.5	0.5	164	0.25	0.75	0.366	65.7	−40.4	35.0	53.4	139.0
220	G25B_075_050dd	0.25	0.75	0.5	0.75	0.5	0.5	180	0.25	0.75	0.5	66.0	−36.8	22.4	43.2	148.6
221	G38B_075_050dd	0.25	0.75	0.625	0.75	0.5	0.5	196	0.25	0.75	0.633	66.5	−30.6	6.8	31.4	167.3
222	G50B_075_050dd	0.25	0.75	0.75	0.75	0.5	0.5	210	0.25	0.75	0.75	67.2	−23.0	−6.7	24.0	196.3
223	G59B_087_062dd	0.25	0.75	0.875	0.875	0.625	0.562	221	0.25	0.76	0.875	70.0	−16.3	−21.4	26.9	232.6
224	G65B_100_075dd	0.25	0.75	1.0	1.0	0.75	0.625	229	0.25	0.762	1.0	72.1	−6.9	−36.6	37.3	259.3
225	Y73G_087_087dd	0.25	0.875	0.0	0.875	0.875	0.437	134	0.233	0.875	0.0	73.6	−67.8	70.5	97.8	133.8
226	Y85G_087_075dd	0.25	0.875	0.125	0.875	0.75	0.5	141	0.237	0.875	0.125	74.8	−60.6	60.1	85.3	135.2
227	G00B_087_062dd	0.25	0.875	0.25	0.875	0.625	0.562	150	0.25	0.875	0.25	76.1	−51.7	49.9	71.9	136.0
228	G09B_087_062dd	0.25	0.875	0.375	0.875	0.625	0.562	161	0.25	0.875	0.364	76.1	−50.9	45.6	68.4	138.1
229	G19B_087_062dd	0.25	0.875	0.5	0.875	0.625	0.562	173	0.25	0.875	0.489	76.3	−48.5	35.7	60.2	143.5
230	G30B_087_062dd	0.25	0.875	0.625	0.875	0.625	0.562	187	0.25	0.875	0.635	76.8	−43.0	19.7	47.3	155.4
231	G40B_087_062dd	0.25	0.875	0.75	0.875	0.625	0.562	199	0.25	0.875	0.76	77.4	−36.5	4.6	36.8	172.6
232	G50B_087_062dd	0.25	0.875	0.875	0.875	0.625	0.562	210	0.25	0.875	0.875	78.1	−28.8	−8.4	30.0	196.3
233	G57B_100_075dd	0.25	0.875	1.0	1.0	0.75	0.625	219	0.25	0.887	1.0	81.0	−22.4	−22.6	31.9	225.3
234	Y76G_100_100dd	0.25	1.0	0.0	1.0	1.0	0.5	136	0.233	1.0	0.0	84.0	−78.7	80.4	112.5	134.3
235	Y86G_100_087dd	0.25	1.0	0.125	1.0	0.875	0.562	142	0.241	1.0	0.125	85.2	−71.1	70.0	99.8	135.4
236	G00B_100_075dd	0.25	1.0	0.25	1.0	0.75	0.625	150	0.25	1.0	0.25	86.5	−62.0	59.9	86.2	136.0
237	G07B_100_075dd	0.25	1.0	0.375	1.0	0.75	0.625	159	0.25	1.0	0.362	86.6	−61.4	56.3	83.3	137.4
238	G15B_100_075dd	0.25	1.0	0.5	1.0	0.75	0.625	169	0.25	1.0	0.487	86.7	−59.4	47.3	76.0	141.4
239	G25B_100_075dd	0.25	1.0	0.625	1.0	0.75	0.625	180	0.25	1.0	0.625	87.1	−55.3	33.7	64.8	148.6
240	G34B_100_075dd	0.25	1.0	0.75	1.0	0.75	0.625	191	0.25	1.0	0.762	87.6	−49.4	17.5	52.4	160.4
241	G42B_100_075dd	0.25	1.0	0.875	1.0	0.75	0.625	201	0.25	1.0	0.887	88.2	−42.2	2.8	42.3	176.2
242	G50B_100_075dd	0.25	1.0	1.0	1.0	0.75	0.625	210	0.25	1.0	1.0	89.0	−34.6	−10.1	36.1	196.3

n	rgb'^*_{Fdd}			$LabCh'^*_{Fdd}$					DE'^*_{Fdd}	$h_{siM,dd}$	rgb^*_{Mdd}			$LabCh^*_{Mdd}$				
162	0.253	0.076	0.022	12.1	20.2	16.2	26.0	38.7	1.1	389	1.0	0.0	0.0	50.4	76.9	64.5	100.4	40.0
163	0.244	0.079	0.138	12.4	21.3	0.1	21.3	0.4	1.4	360	1.0	0.0	0.5	52.0	81.1	4.1	81.2	2.9
164	0.241	0.086	0.239	13.8	24.5	−15.5	29.1	327.6	1.4	330	1.0	0.0	1.0	57.2	94.3	−58.4	110.9	328.2
165	0.259	0.083	0.353	16.3	32.6	−30.7	44.8	316.7	1.5	311	0.683	0.0	1.0	44.8	84.1	−79.2	115.5	316.7
166	0.263	0.076	0.473	18.8	41.1	−45.9	61.6	311.8	1.6	300	0.5	0.0	1.0	38.5	79.8	−89.7	120.0	311.6
167	0.263	0.065	0.596	21.6	49.8	−60.1	78.1	309.6	1.3	292	0.383	0.0	1.0	35.3	78.1	−95.1	123.0	309.3
168	0.265	0.051	0.726	25.0	58.8	−73.6	94.3	308.6	1.0	288	0.316	0.0	1.0	33.9	77.4	−97.5	124.5	308.4
169	0.255	0.029	0.861	28.6	67.7	−87.0	110.3	307.9	0.5	284	0.266	0.0	1.0	32.9	77.0	−99.2	125.6	307.8
170	0.234	0.0	0.999	32.3	76.7	−100.2	126.2	307.4	0.0	282	0.233	0.0	1.0	32.3	76.7	−100.1	126.2	307.4
171	0.247	0.139	0.043	15.8	10.1	19.3	21.7	62.3	1.5	59	1.0	0.5	0.0	63.6	41.3	71.0	82.2	59.7
172	0.253	0.162	0.139	18.0	9.4	7.8	12.3	39.7	0.3	389	1.0	0.0	0.0	50.4	76.9	64.5	100.4	40.0
173	0.239	0.168	0.238	18.8	11.6	−7.7	13.9	326.2	0.5	330	1.0	0.0	1.0	57.2	94.3	−58.4	110.9	328.2
174	0.262	0.173	0.355	21.2	20.1	−23.1	30.6	311.1	0.7	300	0.5	0.0	1.0	38.5	79.8	−89.7	120.0	311.6
175	0.286	0.178	0.476	24.2	29.4	−37.5	47.7	308.1	1.1	288	0.316	0.0	1.0	33.9	77.4	−97.5	124.5	308.4
176	0.312	0.184	0.599	27.6	38.7	−50.7	63.8	307.3	0.8	282	0.233	0.0	1.0	32.3	76.7	−100.1	126.2	307.4
177	0.336	0.189	0.73	31.3	48.2	−63.8	80.0	307.0	0.8	279	0.183	0.0	1.0	31.7	76.5	−101.2	126.9	307.0
178	0.359	0.192	0.865	35.1	57.9	−76.9	96.3	306.9	0.8	278	0.15	0.0	1.0	31.3	76.3	−101.9	127.4	306.8
179	0.376	0.192	1.0	38.8	67.1	−89.4	111.8	306.8	0.5	277	0.133	0.0	1.0	31.1	76.3	−102.3	127.6	306.7
180	0.24	0.236	0.075	23.0	−5.7	23.8	24.5	103.5	1.2	89	1.0	1.0	0.0	92.6	−20.7	90.7	93.0	102.8
181	0.239	0.236	0.162	23.4	−3.1	11.3	11.7	105.5	0.5	89	1.0	1.0	0.0	92.6	−20.7	90.7	93.0	102.8
182	0.232	0.236	0.237	23.7	−0.4	−0.2	0.4	207.2	0.4	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
183	0.289	0.255	0.355	27.5	9.2	−13.2	16.1	304.8	0.4	270	0.0	0.0	1.0	30.3	76.0	−103.5	128.5	306.2
184	0.338	0.271	0.477	31.3	18.8	−26.3	32.3	305.5	0.5	270	0.0	0.0	1.0	30.3	76.0	−103.5	128.5	306.2
185	0.385	0.285	0.602	35.1	28.4	−38.9	48.2	306.1	0.1	270	0.0	0.0	1.0	30.3	76.0	−103.5	128.5	306.2
186	0.424	0.297	0.733	38.8	38.0	−51.9	64.4	306.2	0.2	270	0.0	0.0	1.0	30.3	76.0	−103.5	128.5	306.2
187	0.46	0.307	0.869	42.6	47.6	−64.9	80.6	306.2	0.3	270	0.0	0.0	1.0	30.3	76.0	−103.5	128.5	306.2
188	0.495	0.316	1.0	46.3	56.8	−76.9	95.6	306.4	0.8	270	0.0	0.0	1.0	30.3	76.0	−103.5	128.5	306.2
189	0.257	0.352	0.088	32.9	−19.6	32.8	38.2	120.8	1.1	108	0.683	1.0	0.0	87.6	−50.7	84.9	98.9	120.8
190	0.259	0.353	0.185	33.3	−17.0	20.9	27.0	129.0	0.8	119	0.5	1.0	0.0	85.7	−65.2	82.4	105.1	128.3
191	0.285	0.353	0.269	34.2	−10.9	9.8	14.7	137.9	0.6	149	0.0	1.0	0.0	83.6	−82.7	79.8	115.0	136.0
192	0.284	0.352	0.35	34.6	−6.3	−1.9	6.6	196.6	0.6	210	0.0	1.0	1.0	86.8	−46.1	−13.5	48.1	196.3
193	0.319	0.355	0.474	36.6	4.0	−17.5	17.9	283.1	0.6	240	0.0	0.5	1.0	51.7	18.3	−68.3	70.7	285.0
194	0.371	0.354	0.6	39.1	16.9	−32.4	36.6	297.5	0.2	251	0.0	0.316	1.0	40.7	45.8	−86.7	98.1	297.8
195	0.414	0.357	0.731	42.0	28.6	−46.6	54.8	301.5	0.1	257	0.0	0.233	1.0	36.5	57.6	−93.4	109.7	301.6
196	0.451	0.366	0.868	45.4	39.2	−60.3	72.0	302.9	0.1	260	0.0	0.183	1.0	34.6	63.0	−96.6	115.3	303.1
197	0.487	0.372	1.0	48.8	49.3	−72.9	88.0	304.0	1.2	262	0.0	0.15	1.0	33.4	66.7	−98.6	119.1	304.0
198	0.262	0.473	0.095	42.9	−33.2	42.0	53.5	128.3	1.0	119	0.5	1.0	0.0	85.7	−65.2	82.4	105.1	128.3
199	0.283	0.475	0.205	43.6	−29.1	30.8	42.4	133.3	0.9	131	0.316	1.0	0.0	84.4	−75.3	80.9	110.6	132.9
200	0.332	0.476	0.298	44.7	−21.5	19.9	29.3	137.1	0.8	149	0.0	1.0	0.0	83.6	−82.7	79.8	115.0	136.0
201	0.326	0.476	0.362	44.9	−19.1	11.2	22.1	149.6	0.6	180	0.0	1.0	0.5	84.3	−73.7	44.9	86.4	148.6
202	0.333	0.473	0.47	45.6	−12.2	−3.5	12.7	196.2	0.6	210	0.0	1.0	1.0	86.8	−46.1	−13.5	48.1	196.3
203	0.357	0.487	0.598	48.0	−4.0	−18.1	18.5	257.5	0.5	228	0.0	0.683	1.0	64.4	−9.2	−48.8	49.7	259.3
204	0.399	0.483	0.728	49.7	8.7	−33.9	35.0	284.3	0.5	240	0.0	0.5	1.0	51.7	18.3	−68.3	70.7	285.0
205	0.434	0.474	0.866	51.5	22.2	−50.3	55.0	293.8	0.3	247	0.0	0.383	1.0	44.3	36.2	−80.5	88.2	294.2
206	0.468	0.478	1.0	54.2	33.4	−64.1	72.3	297.5	1.3	251	0.0	0.316	1.0	40.7	45.8	−86.7	98.1	297.8
207	0.261	0.596	0.093	52.9	−45.4	51.4	68.6	131.4	0.6	127	0.383	1.0	0.0	84.8	−72.3	81.3	108.8	131.6
208	0.308	0.598	0.225	53.8	−39.8	40.3	56.7	134.5	0.5	137	0.233	1.0	0.0	84.0	−78.7	80.4	112.5	134.3
209	0.381	0.6	0.324	55.1	−31.1	29.9	43.2	136.1	0.1	149	0.0	1.0	0.0	83.6	−82.7	79.8	115.0	136.0
210	0.377	0.6	0.375	55.2	−29.6	23.5	37.7	141.5	0.2	168	0.0	1.0	0.316	83.9	−79.2	63.1	101.3	141.4
211	0.369	0.599	0.489	55.6	−24.6	8.4	26.1	161.0	0.3	191	0.0	1.0	0.683	85.0	−65.8	23.4	69.9	160.4
212	0.382	0.597	0.594	56.3	−17.4	−5.0	18.2	196.2	0.1	210	0.0	1.0	1.0	86.8	−46.1	−13.5	48.1	196.3
213	0.399	0.614	0.727	58.8	−9.8	−19.7	22.0	243.5	0.1	222	0.0	0.766	1.0	70.2	−19.5	−39.3	43.9	243.6
214	0.426	0.621	0.863	61.0	0.5	−35.0	35.0	270.8	0.2	232	0.0	0.616	1.0	59.7	0.8	−55.6	55.7	270.8
215	0.46	0.614	1.0	62.5	13.5	−50.9	52.7	284.8	0.4	240	0.0	0.5	1.0	51.7	18.3	−68.3	70.7	285.0
216	0.264	0.725	0.08	63.2	−56.7	61.2	83.4	132.7	0.5	131	0.316	1.0	0.0	84.4	−75.3	80.9	110.6	132.9
217	0.335	0.729	0.241	64.2	−50.2	50.1	70.9	135.0	0.2	140	0.183	1.0	0.0	83.9	−79.9	80.2	113.3	134.8
218	0.419	0.731	0.349	65.5	−41.5	39.8	57.5	136.1	0.2	149	0.0	1.0	0.0	83.6	−82.7	79.8	115.0	136.0
219	0.415	0.731	0.391	65.6	−40.5	34.8	53.4	139.3	0.2	162	0.0	1.0	0.233	83.7	−80.8	70.1	106.9	139.0
220	0.408	0.731	0.493	65.9	−36.9	22.1	43.0	149.0	0.3	180	0.0	1.0	0.5	84.3	−73.7	44.9	86.4	148.6
221	0.407	0.729	0.614	66.4	−30.8	6.8	31.5	167.4	0.2	197	0.0	1.0	0.766	85.4	−61.2	13.7	62.8	167.3
222	0.42	0.727	0.723	67.1	−23.3	−6.7	24.3	196.2	0.2	210	0.0	1.0	1.0	86.8	−46.1	−13.5	48.1	196.3
223	0.428	0.749	0.865	69.8	−16.4	−21.5	27.0	232.6	0.1	219	0.0	0.816	1.0	73.8	−26.1	−34.2	43.1	232.6
224	0.443	0.76	1.0	72.0	−7.4	−36.0	36.8	258.4	0.7	228	0.0	0.683	1.0	64.4	−9.2	−48.8	49.7	259.3
225	0.254	0.861	0.05	73.6	−67.9	70.9	98.2	133.7	0.4	135	0.266	1.0	0.0	84.2	−77.5	80.6	111.8	133.8
226	0.356	0.864	0.254	74.7	−60.6	60.0	85.3	135.3	0.1	142	0.15	1.0	0.0	83.8	−80.8	80.1	113.8	135.2
227	0.456	0.867	0.373	76.0	−51.7	49.7	71.8	136.1	0.2	149	0.0	1.0	0.0	83.6	−82.7	79.8	115.0	136.0
228	0.45	0.867	0.41	76.1	−51.0	45.5	68.4	138.2	0.2	159	0.0	1.0	0.183	83.7	−81.4	73.0	109.4	138.1
229	0.444	0.867	0.497	76.3	−48.5	35.4	60.1	143.8	0.3	172	0.0	1.0	0.383	84.0	−77.6	57.2	96.4	143.5
230	0.439	0.866	0.626	76.7	−43.2	19.7	47.5	155.4	0.2	187	0.0	1.0	0.616	84.7	−68.9	31.5	75.8	155.4
231	0.44	0.865	0.75	77.3	−36.7	4.7	37.0	172.6	0.1	200	0.0	1.0	0.816	85.7	−58.5	7.5	59.0	172.6
232	0.458	0.863	0.86	78.0	−29.0	−8.5	30.2	196.3	0.1	210	0.0	1.0	1.0	86.8	−46.1	−13.5	48.1	196.3
233	0.462	0.889	1.0	80.9	−22.7	−22.3	31.9	224.4	0.4	217	0.0	0.85	1.0	76.2	−29.9	−30.2	42.5	225.3
234	0.234	0.999	0.0	84.0	−78.7	80.4	112.5	134.4	0.0	137	0.233	1.0	0.0	84.0	−78.7	80.4	112.5	134.3
235	0.373	1.0	0.26	84.9	−70.7	69.8	99.3	135.3	0.5	142	0.133	1.0	0.0	83.7	−81.2	80.1	114.1	135.4
236	0.49	1.0	0.391	86.0	−61.3	59.2	85.2	136.0	1.1	149	0.0	1.0	0.0	83.6	−82.7	79.8	115.0	136.0
237	0.485	1.0	0.426	86.0	−60.7	55.6	82.3	137.4	1.0	157	0.0	1.0	0.15	83.7	−81.8	75.0	111.0	137.4
238	0.479	1.0	0.501	86.2	−58.8	47.4	75.6	141.1	0.7	168	0.0	1.0	0.316	83.9	−79.2	63.1	101.3	141.4
239	0.473	1.0	0.623	86.5	−54.8	33.5	64.2	148.5	0.7	180	0.0	1.0	0.5	84.3	−73.7	44.9	86.4	148.6
240	0.466	1.0	0.763	87.1	−48.8	16.9	51.7	160.8	0.9	191	0.0	1.0	0.683	85.0	−65.8	23.4	69.9	160.4
241	0.475	1.0	0.888	87.9	−41.7	2.2	41.8	176.8	0.8	202	0.0	1.0	0.85	85.9	−56.3	3.7	56.4	176.2
242	0.495	1.0	0.999	88.7	−34.1	−10.5	35.7	197.1	0.6	210	0.0	1.0	1.0	86.8	−46.1	−13.5	48.1	196.3

delta E'^* = **0.6**

5−1032134−F0 RN890−7N, 22/33−F

TUB-prøveplansje RN89; 16-trinns fargetonesirkel, cf=1
farger og fargeavstander, $\Delta E'^*$

input: $rgb/cmyk$ −> rgb_{dd}
output: 3D-linearisering til rgb^*_{dd}

5−1032134−F0

http://130.149.60.45/~farbmetrik/RN89/RN89L0FP.PDF /.PS; 3D-linearisering
F: 3D-linearisering RN89/RN89LJ30FP.DAT i fil (F), side 23/33

n	HIC^*_{Fdd}	rgb_{Fdd}			ict_{Fdd}			$h_{si\_F,dd}$	rgb^*_{Fdd}			$LabCh^*_{Fdd}$				
243	R00Y_037_037dd	0.375	0.0	0.0	0.375	0.375	0.187	390	0.375	0.0	0.0	18.9	28.8	24.2	37.6	40.0
244	R18Y_037_037dd	0.375	0.0	0.125	0.375	0.375	0.187	371	0.375	0.0	0.118	19.1	29.6	11.1	31.7	20.6
245	B65R_037_037dd	0.375	0.0	0.25	0.375	0.375	0.187	349	0.375	0.0	0.256	20.0	32.0	−7.4	32.9	346.8
246	B50R_037_037dd	0.375	0.0	0.375	0.375	0.375	0.187	330	0.375	0.0	0.375	21.4	35.3	−21.9	41.6	328.2
247	B38R_050_050dd	0.375	0.0	0.5	0.5	0.5	0.25	316	0.383	0.0	0.5	23.9	43.2	−37.0	56.9	319.4
248	B30R_062_062dd	0.375	0.0	0.625	0.625	0.625	0.312	307	0.385	0.0	0.625	26.5	51.4	−52.0	73.1	314.6
249	B25R_075_075dd	0.375	0.0	0.75	0.75	0.75	0.375	300	0.375	0.0	0.75	28.9	59.8	−67.2	90.0	311.6
250	B20R_087_087dd	0.375	0.0	0.875	0.875	0.875	0.437	295	0.364	0.0	0.875	31.7	68.8	−81.8	106.9	310.0
251	B18R_100_100dd	0.375	0.0	1.0	1.0	1.0	0.5	292	0.366	0.0	1.0	34.9	77.9	−95.7	123.4	309.1
252	R31Y_037_037dd	0.375	0.125	0.0	0.375	0.375	0.187	49	0.375	0.118	0.0	21.1	22.7	25.2	33.9	47.9
253	R00Y_037_025dd	0.375	0.125	0.125	0.375	0.25	0.25	390	0.375	0.124	0.124	24.5	19.2	16.1	25.1	40.0
254	R00Y_037_025dd	0.375	0.125	0.25	0.375	0.25	0.25	360	0.375	0.124	0.25	24.9	20.2	1.0	20.3	2.9
255	B50R_037_025dd	0.375	0.125	0.375	0.375	0.25	0.25	330	0.375	0.124	0.375	26.2	23.5	−14.6	27.7	328.2
256	B34R_050_037dd	0.375	0.125	0.5	0.5	0.375	0.312	311	0.381	0.124	0.5	28.7	31.5	−29.7	43.3	316.7
257	B25R_062_050dd	0.375	0.125	0.625	0.625	0.5	0.375	300	0.375	0.125	0.625	31.2	39.9	−44.8	60.0	311.6
258	B19R_075_062dd	0.375	0.125	0.75	0.75	0.625	0.437	293	0.364	0.125	0.75	34.0	48.8	−59.4	76.9	309.3
259	B15R_087_075dd	0.375	0.125	0.875	0.875	0.75	0.5	289	0.362	0.125	0.875	37.4	58.1	−73.1	93.4	308.4
260	B13R_100_087dd	0.375	0.125	1.0	1.0	0.875	0.562	286	0.358	0.125	1.0	40.7	67.3	−86.8	109.9	307.8
261	R68Y_037_037dd	0.375	0.25	0.0	0.375	0.375	0.187	71	0.375	0.256	0.0	27.5	6.9	29.1	29.9	76.5
262	R50Y_037_025dd	0.375	0.25	0.125	0.375	0.25	0.25	60	0.375	0.25	0.124	27.8	10.3	17.7	20.5	59.7
263	R00Y_037_012dd	0.375	0.25	0.25	0.375	0.125	0.312	390	0.375	0.249	0.249	30.1	9.6	8.0	12.5	40.0
264	B50R_037_012dd	0.375	0.25	0.375	0.375	0.125	0.312	330	0.375	0.249	0.375	31.0	11.7	−7.3	13.8	328.2
265	B25R_050_025dd	0.375	0.25	0.5	0.5	0.25	0.375	300	0.375	0.249	0.5	33.5	19.9	−22.4	30.0	311.6
266	B15R_062_037dd	0.375	0.25	0.625	0.625	0.375	0.437	289	0.368	0.25	0.625	36.5	29.0	−36.5	46.7	308.4
267	B11R_075_050dd	0.375	0.25	0.75	0.75	0.5	0.5	284	0.366	0.25	0.75	40.0	38.3	−50.0	63.1	307.4
268	B09R_087_062dd	0.375	0.25	0.875	0.875	0.625	0.562	281	0.364	0.25	0.875	43.7	47.8	−63.2	79.3	307.0
269	B07R_100_075dd	0.375	0.25	1.0	1.0	0.75	0.625	279	0.362	0.25	1.0	47.3	57.2	−76.4	95.5	306.8
270	Y00G_037_037dd	0.375	0.375	0.0	0.375	0.375	0.187	90	0.375	0.375	0.0	34.7	−7.7	34.0	34.9	102.8
271	Y00G_037_025dd	0.375	0.375	0.125	0.375	0.25	0.25	90	0.375	0.375	0.124	35.0	−5.1	22.6	23.2	102.8
272	Y00G_037_012dd	0.375	0.375	0.25	0.375	0.125	0.312	90	0.375	0.375	0.249	35.4	−2.5	11.3	11.6	102.8
273	NW_037dd	0.375	0.375	0.375	0.375	0.0	0.375	360	0.375	0.375	0.375	35.7	0.0	0.0	0.0	0.0
274	B00R_050_012dd	0.375	0.375	0.5	0.5	0.125	0.437	270	0.375	0.375	0.5	39.5	9.5	−12.9	16.0	306.2
275	B00R_062_025dd	0.375	0.375	0.625	0.625	0.25	0.5	270	0.375	0.375	0.625	43.3	19.0	−25.8	32.1	306.2
276	B00R_075_037dd	0.375	0.375	0.75	0.75	0.375	0.562	270	0.375	0.375	0.75	47.1	28.5	−38.8	48.1	306.2
277	B00R_087_050dd	0.375	0.375	0.875	0.875	0.5	0.625	270	0.375	0.375	0.875	50.9	38.0	−51.7	64.2	306.2
278	B00R_100_062dd	0.375	0.375	1.0	1.0	0.625	0.687	270	0.375	0.375	1.0	54.7	47.5	−64.7	80.3	306.2
279	Y23G_050_050dd	0.375	0.5	0.0	0.5	0.5	0.25	104	0.383	0.5	0.0	44.3	−21.6	43.1	48.2	116.6
280	Y31G_050_037dd	0.375	0.5	0.125	0.5	0.375	0.312	109	0.381	0.5	0.124	44.8	−19.0	31.8	37.1	120.8
281	Y50G_050_025dd	0.375	0.5	0.25	0.5	0.25	0.375	120	0.375	0.5	0.249	45.2	−16.3	20.6	26.2	128.3
282	G00B_050_012dd	0.375	0.5	0.375	0.5	0.125	0.437	150	0.375	0.5	0.375	46.2	−10.3	9.9	14.3	136.0
283	G50B_050_012dd	0.375	0.5	0.5	0.5	0.125	0.437	210	0.375	0.5	0.5	46.6	−5.7	−1.6	6.0	196.3
284	G75B_062_025dd	0.375	0.5	0.625	0.625	0.25	0.5	240	0.375	0.5	0.625	48.7	4.5	−17.0	17.6	285.0
285	G84B_075_037dd	0.375	0.5	0.75	0.75	0.375	0.562	251	0.375	0.493	0.75	51.0	17.1	−32.5	36.7	297.8
286	G88B_087_050dd	0.375	0.5	0.875	0.875	0.5	0.625	256	0.375	0.491	0.875	54.0	28.8	−46.7	54.8	301.6
287	G90B_100_062dd	0.375	0.5	1.0	1.0	0.625	0.687	259	0.375	0.489	1.0	57.4	39.4	−60.3	72.1	303.1
288	Y38G_062_062dd	0.375	0.625	0.0	0.625	0.625	0.312	113	0.385	0.625	0.0	54.2	−35.2	52.4	63.1	123.9
289	Y50G_062_050dd	0.375	0.625	0.125	0.625	0.5	0.375	120	0.375	0.625	0.125	54.7	−32.6	41.2	52.5	128.3
290	Y68G_062_037dd	0.375	0.625	0.25	0.625	0.375	0.437	131	0.368	0.625	0.25	55.5	−28.2	30.3	41.4	132.9
291	G00B_062_025dd	0.375	0.625	0.375	0.625	0.25	0.5	150	0.375	0.625	0.375	56.6	−20.6	19.9	28.7	136.0
292	G25B_062_025dd	0.375	0.625	0.5	0.625	0.25	0.5	180	0.375	0.625	0.5	56.8	−18.4	11.2	21.6	148.6
293	G50B_062_025dd	0.375	0.625	0.625	0.625	0.25	0.5	210	0.375	0.625	0.625	57.4	−11.5	−3.3	12.0	196.3
294	G65B_075_037dd	0.375	0.625	0.75	0.75	0.375	0.562	229	0.375	0.631	0.75	59.9	−3.4	−18.3	18.6	259.3
295	G75B_087_050dd	0.375	0.625	0.875	0.875	0.5	0.625	240	0.375	0.625	0.875	61.6	9.1	−34.1	35.3	285.0
296	G80B_100_062dd	0.375	0.625	1.0	1.0	0.625	0.687	247	0.375	0.614	1.0	63.5	22.6	−50.3	55.1	294.2
297	Y50G_075_075dd	0.375	0.75	0.0	0.75	0.75	0.375	120	0.375	0.75	0.0	64.2	−48.9	61.8	78.8	128.3
298	Y61G_075_062dd	0.375	0.75	0.125	0.75	0.625	0.437	127	0.364	0.75	0.125	64.9	−45.2	50.8	68.0	131.6
299	Y76G_075_050dd	0.375	0.75	0.25	0.75	0.5	0.5	136	0.366	0.75	0.25	65.8	−39.3	40.2	56.2	134.3
300	G00B_075_037dd	0.375	0.75	0.375	0.75	0.375	0.562	150	0.375	0.75	0.375	67.1	−31.0	29.9	43.1	136.0
301	G15B_075_037dd	0.375	0.75	0.5	0.75	0.375	0.562	169	0.375	0.75	0.493	67.2	−29.7	23.6	38.0	141.4
302	G34B_075_037dd	0.375	0.75	0.625	0.75	0.375	0.562	191	0.375	0.75	0.631	67.6	−24.7	8.7	26.2	160.4
303	G50B_075_037dd	0.375	0.75	0.75	0.75	0.375	0.562	210	0.375	0.75	0.75	68.3	−17.3	−5.0	18.0	196.3
304	G61B_087_050dd	0.375	0.75	0.875	0.875	0.5	0.625	224	0.375	0.758	0.875	70.9	−9.7	−19.6	21.9	243.6
305	G69B_100_062dd	0.375	0.75	1.0	1.0	0.625	0.687	233	0.375	0.76	1.0	73.1	0.5	−34.8	34.8	270.8
306	Y58G_087_087dd	0.375	0.875	0.0	0.875	0.875	0.437	125	0.364	0.875	0.0	74.4	−61.5	71.5	94.3	130.7
307	Y68G_087_075dd	0.375	0.875	0.125	0.875	0.75	0.5	131	0.362	0.875	0.125	75.2	−56.5	60.7	82.9	132.9
308	Y81G_087_062dd	0.375	0.875	0.25	0.875	0.625	0.562	139	0.364	0.875	0.25	76.3	−49.9	50.1	70.8	134.8
309	G00B_087_050dd	0.375	0.875	0.375	0.875	0.5	0.625	150	0.375	0.875	0.375	77.5	−41.3	39.9	57.5	136.0
310	G11B_087_050dd	0.375	0.875	0.5	0.875	0.5	0.625	164	0.375	0.875	0.491	77.6	−40.4	35.0	53.4	139.0
311	G25B_087_050dd	0.375	0.875	0.625	0.875	0.5	0.625	180	0.375	0.875	0.625	77.9	−36.8	22.4	43.2	148.6
312	G38B_087_050dd	0.375	0.875	0.75	0.875	0.5	0.625	196	0.375	0.875	0.758	78.5	−30.6	6.8	31.4	167.3
313	G50B_087_050dd	0.375	0.875	0.875	0.875	0.5	0.625	210	0.375	0.875	0.875	79.2	−23.0	−6.7	24.0	196.3
314	G59B_100_062dd	0.375	0.875	1.0	1.0	0.625	0.687	221	0.375	0.885	1.0	81.9	−16.3	−21.4	26.9	232.6
315	Y63G_100_100dd	0.375	1.0	0.0	1.0	1.0	0.5	128	0.366	1.0	0.0	84.7	−73.2	81.2	109.3	132.0
316	Y73G_100_087dd	0.375	1.0	0.125	1.0	0.875	0.562	134	0.358	1.0	0.125	85.6	−67.8	70.5	97.8	133.8
317	Y85G_100_075dd	0.375	1.0	0.25	1.0	0.75	0.625	141	0.362	1.0	0.25	86.7	−60.6	60.1	85.3	135.2
318	G00B_100_062dd	0.375	1.0	0.375	1.0	0.625	0.687	150	0.375	1.0	0.375	88.0	−51.7	49.9	71.9	136.0
319	G09B_100_062dd	0.375	1.0	0.5	1.0	0.625	0.687	161	0.375	1.0	0.489	88.1	−50.9	45.6	68.4	138.1
320	G19B_100_062dd	0.375	1.0	0.625	1.0	0.625	0.687	173	0.375	1.0	0.614	88.3	−48.5	35.7	60.2	143.5
321	G30B_100_062dd	0.375	1.0	0.75	1.0	0.625	0.687	187	0.375	1.0	0.76	88.7	−43.0	19.7	47.3	155.4
322	G40B_100_062dd	0.375	1.0	0.875	1.0	0.625	0.687	199	0.375	1.0	0.885	89.3	−36.5	4.6	36.8	172.6
323	G50B_100_062dd	0.375	1.0	1.0	1.0	0.625	0.687	210	0.375	1.0	1.0	90.0	−28.8	−8.4	30.0	196.3

n	rgb'^*_{Fdd}			$LabCh'^*_{Fdd}$					DE'^*_{Fdd}	$h_{siM,dd}$	rgb^*_{Mdd}			$LabCh^*_{Mdd}$				
243	0.366	0.091	0.032	18.5	29.8	24.9	38.9	39.9	1.3	389	1.0	0.0	0.0	50.4	76.9	64.5	100.4	40.0
244	0.362	0.092	0.134	18.8	30.7	10.6	32.5	19.1	1.1	371	1.0	0.0	0.316	51.1	79.1	29.7	84.5	20.6
245	0.358	0.098	0.251	19.8	32.9	−8.0	33.9	346.3	1.1	348	1.0	0.0	0.683	53.5	85.4	−19.9	87.7	346.8
246	0.354	0.107	0.352	21.2	35.9	−22.5	42.4	327.8	0.9	330	1.0	0.0	1.0	57.2	94.3	−58.4	110.9	328.2
247	0.375	0.098	0.473	23.7	44.0	−37.7	58.0	319.4	1.1	317	0.766	0.0	1.0	47.9	86.4	−74.0	113.8	319.4
248	0.385	0.083	0.596	26.1	52.2	−52.5	74.1	314.8	1.0	307	0.616	0.0	1.0	42.4	82.3	−83.2	117.0	314.6
249	0.381	0.062	0.726	28.6	60.6	−67.6	90.9	311.8	0.9	300	0.5	0.0	1.0	38.5	79.8	−89.7	120.0	311.6
250	0.375	0.033	0.861	31.6	69.2	−82.0	107.4	310.1	0.5	294	0.416	0.0	1.0	36.3	78.6	−93.5	122.2	310.0
251	0.368	0.0	0.999	35.0	77.9	−95.7	123.4	309.1	0.0	291	0.366	0.0	1.0	34.9	77.9	−95.7	123.4	309.1
252	0.363	0.144	0.043	20.9	23.0	26.5	35.1	49.0	1.3	48	1.0	0.316	0.0	56.2	60.6	67.2	90.5	47.9
253	0.375	0.188	0.146	24.2	19.5	15.9	25.2	39.0	0.5	389	1.0	0.0	0.0	50.4	76.9	64.5	100.4	40.0
254	0.364	0.192	0.243	24.6	20.7	0.5	20.7	1.5	0.7	360	1.0	0.0	0.5	52.0	81.1	4.1	81.2	2.9
255	0.357	0.199	0.353	25.9	23.9	−15.3	28.4	327.4	0.8	330	1.0	0.0	1.0	57.2	94.3	−58.4	110.9	328.2
256	0.381	0.202	0.475	28.4	32.1	−30.4	44.2	316.5	0.9	311	0.683	0.0	1.0	44.8	84.1	−79.2	115.5	316.7
257	0.394	0.202	0.599	30.9	40.4	−45.2	60.7	311.7	0.7	300	0.5	0.0	1.0	38.5	79.8	−89.7	120.0	311.6
258	0.405	0.202	0.729	33.7	49.3	−59.8	77.5	309.5	0.7	292	0.383	0.0	1.0	35.3	78.1	−95.1	123.0	309.3
259	0.423	0.202	0.865	37.0	58.7	−73.6	94.1	308.5	0.8	288	0.316	0.0	1.0	33.9	77.4	−97.5	124.5	308.4
260	0.432	0.2	1.0	40.3	67.6	−86.8	110.1	307.9	0.4	284	0.266	0.0	1.0	32.9	77.0	−99.2	125.6	307.8
261	0.358	0.251	0.07	27.5	6.7	30.1	30.9	77.3	1.0	71	1.0	0.683	0.0	73.4	18.5	77.6	79.8	76.5
262	0.367	0.247	0.162	27.8	10.1	17.8	20.5	60.3	0.1	59	1.0	0.5	0.0	63.6	41.3	71.0	82.2	59.7
263	0.373	0.272	0.246	30.1	9.5	8.0	12.4	40.1	0.0	389	1.0	0.0	0.0	50.4	76.9	64.5	100.4	40.0
264	0.355	0.279	0.352	30.9	11.5	−7.6	13.8	326.6	0.4	330	1.0	0.0	1.0	57.2	94.3	−58.4	110.9	328.2
265	0.382	0.286	0.476	33.4	19.9	−22.8	30.2	311.1	0.3	300	0.5	0.0	1.0	38.5	79.8	−89.7	120.0	311.6
266	0.414	0.294	0.601	36.4	28.9	−36.7	46.7	308.2	0.2	288	0.316	0.0	1.0	33.9	77.4	−97.5	124.5	308.4
267	0.448	0.304	0.732	39.8	38.3	−50.2	63.2	307.3	0.2	282	0.233	0.0	1.0	32.3	76.7	−100.1	126.2	307.4
268	0.485	0.313	0.868	43.5	48.0	−63.4	79.6	307.1	0.3	279	0.183	0.0	1.0	31.7	76.5	−101.2	126.9	307.0
269	0.516	0.321	1.0	47.0	57.0	−75.7	94.8	306.9	0.8	278	0.15	0.0	1.0	31.3	76.3	−101.9	127.4	306.8
270	0.353	0.35	0.092	34.7	−8.2	34.8	35.7	103.3	0.9	89	1.0	1.0	0.0	92.6	−20.7	90.7	93.0	102.8
271	0.357	0.349	0.188	35.0	−5.7	22.9	23.7	104.0	0.6	89	1.0	1.0	0.0	92.6	−20.7	90.7	93.0	102.8
272	0.355	0.349	0.272	35.4	−2.9	11.2	11.6	104.9	0.4	89	1.0	1.0	0.0	92.6	−20.7	90.7	93.0	102.8
273	0.345	0.35	0.35	35.7	−0.4	−0.2	0.5	205.6	0.5	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
274	0.408	0.37	0.476	39.6	9.3	−13.2	16.1	305.2	0.3	270	0.0	0.0	1.0	30.3	76.0	−103.5	128.5	306.2
275	0.463	0.388	0.601	43.3	18.6	−25.8	31.8	305.9	0.3	270	0.0	0.0	1.0	30.3	76.0	−103.5	128.5	306.2
276	0.515	0.405	0.734	47.1	28.3	−38.7	47.9	306.1	0.2	270	0.0	0.0	1.0	30.3	76.0	−103.5	128.5	306.2
277	0.56	0.42	0.871	50.8	37.8	−51.8	64.1	306.0	0.2	270	0.0	0.0	1.0	30.3	76.0	−103.5	128.5	306.2
278	0.603	0.433	1.0	54.4	46.7	−63.6	78.9	306.2	1.4	270	0.0	0.0	1.0	30.3	76.0	−103.5	128.5	306.2
279	0.373	0.471	0.097	44.5	−22.1	43.9	49.1	116.7	0.9	102	0.766	1.0	0.0	88.7	−43.3	86.2	96.5	116.6
280	0.379	0.472	0.208	44.9	−19.5	32.4	37.8	121.0	0.7	108	0.683	1.0	0.0	87.6	−50.7	84.9	98.9	120.8
281	0.379	0.474	0.299	45.3	−16.8	20.7	26.7	128.9	0.5	119	0.5	1.0	0.0	85.7	−65.2	82.4	105.1	128.3
282	0.405	0.474	0.385	46.3	−10.7	9.9	14.6	137.2	0.3	149	0.0	1.0	0.0	83.6	−82.7	79.8	115.0	136.0
283	0.404	0.472	0.47	46.6	−6.2	−1.8	6.4	196.5	0.4	210	0.0	1.0	1.0	86.8	−46.1	−13.5	48.1	196.3
284	0.443	0.476	0.597	48.6	4.0	−17.0	17.4	283.3	0.5	240	0.0	0.5	1.0	51.7	18.3	−68.3	70.7	285.0
285	0.499	0.475	0.732	51.1	16.9	−32.3	36.4	297.6	0.3	251	0.0	0.316	1.0	40.7	45.8	−86.7	98.1	297.8
286	0.548	0.479	0.869	53.9	28.5	−46.6	54.7	301.4	0.2	257	0.0	0.233	1.0	36.5	57.6	−93.4	109.7	301.6
287	0.592	0.49	1.0	57.2	38.3	−59.1	70.5	302.9	1.6	260	0.0	0.183	1.0	34.6	63.0	−96.6	115.3	303.1
288	0.384	0.595	0.095	54.2	−35.3	52.9	63.6	123.7	0.5	112	0.616	1.0	0.0	86.8	−56.4	83.8	101.0	123.9
289	0.391	0.597	0.226	54.6	−32.7	41.4	52.8	128.3	0.2	119	0.5	1.0	0.0	85.7	−65.2	82.4	105.1	128.3
290	0.409	0.599	0.325	55.4	−28.5	30.3	41.6	133.2	0.2	131	0.316	1.0	0.0	84.4	−75.3	80.9	110.6	132.9
291	0.457	0.6	0.418	56.5	−20.8	19.6	28.6	136.7	0.4	149	0.0	1.0	0.0	83.6	−82.7	79.8	115.0	136.0
292	0.45	0.599	0.484	56.7	−18.5	10.8	21.5	149.6	0.3	180	0.0	1.0	0.5	84.3	−73.7	44.9	86.4	148.6
293	0.458	0.596	0.594	57.3	−11.7	−3.4	12.2	196.4	0.2	210	0.0	1.0	1.0	86.8	−46.1	−13.5	48.1	196.3
294	0.486	0.61	0.728	59.8	−3.4	−18.3	18.6	259.3	0.1	228	0.0	0.683	1.0	64.4	−9.2	−48.8	49.7	259.3
295	0.533	0.606	0.864	61.5	9.2	−34.2	35.4	285.1	0.1	240	0.0	0.5	1.0	51.7	18.3	−68.3	70.7	285.0
296	0.574	0.598	1.0	63.2	22.0	−49.6	54.3	293.9	0.9	247	0.0	0.383	1.0	44.3	36.2	−80.5	88.2	294.2
297	0.38	0.725	0.081	64.2	−48.9	62.3	79.2	128.1	0.5	119	0.5	1.0	0.0	85.7	−65.2	82.4	105.1	128.3
298	0.402	0.728	0.243	64.8	−45.2	50.8	68.0	131.6	0.1	127	0.383	1.0	0.0	84.8	−72.3	81.3	108.8	131.6
299	0.444	0.73	0.35	65.7	−39.5	40.1	56.3	134.5	0.2	137	0.233	1.0	0.0	84.0	−78.7	80.4	112.5	134.3
300	0.51	0.732	0.448	67.0	−31.0	29.7	42.9	136.1	0.2	149	0.0	1.0	0.0	83.6	−82.7	79.8	115.0	136.0
301	0.505	0.732	0.498	67.1	−29.4	23.4	37.6	141.5	0.3	168	0.0	1.0	0.316	83.9	−79.2	63.1	101.3	141.4
302	0.498	0.731	0.612	67.5	−24.6	8.8	26.1	160.2	0.1	191	0.0	1.0	0.683	85.0	−65.8	23.4	69.9	160.4
303	0.511	0.728	0.724	68.2	−17.3	−5.0	18.0	196.3	0.1	210	0.0	1.0	1.0	86.8	−46.1	−13.5	48.1	196.3
304	0.534	0.745	0.862	70.8	−9.7	−19.6	21.9	243.6	0.1	222	0.0	0.766	1.0	70.2	−19.5	−39.3	43.9	243.6
305	0.566	0.749	1.0	72.6	0.8	−34.9	34.9	271.3	0.5	232	0.0	0.616	1.0	59.7	0.8	−55.6	55.7	270.8
306	0.375	0.86	0.049	74.4	−61.5	71.9	94.6	130.5	0.4	125	0.416	1.0	0.0	85.0	−70.2	81.7	107.8	130.7
307	0.419	0.864	0.254	75.2	−56.6	60.6	82.9	133.0	0.1	131	0.316	1.0	0.0	84.4	−75.3	80.9	110.6	132.9
308	0.481	0.867	0.373	76.2	−49.9	50.0	70.6	134.9	0.1	140	0.183	1.0	0.0	83.9	−79.9	80.2	113.3	134.8
309	0.554	0.869	0.476	77.5	−41.5	39.7	57.4	136.2	0.2	149	0.0	1.0	0.0	83.6	−82.7	79.8	115.0	136.0
310	0.549	0.869	0.517	77.5	−40.5	34.8	53.4	139.3	0.2	162	0.0	1.0	0.233	83.7	−80.8	70.1	106.9	139.0
311	0.541	0.868	0.618	77.8	−37.0	22.5	43.3	148.6	0.1	180	0.0	1.0	0.5	84.3	−73.7	44.9	86.4	148.6
312	0.541	0.866	0.746	78.4	−30.7	6.8	31.5	167.4	0.1	197	0.0	1.0	0.766	85.4	−61.2	13.7	62.8	167.3
313	0.555	0.864	0.859	79.1	−23.3	−6.8	24.3	196.2	0.2	210	0.0	1.0	1.0	86.8	−46.1	−13.5	48.1	196.3
314	0.568	0.886	1.0	81.8	−16.8	−20.9	26.8	231.2	0.6	219	0.0	0.816	1.0	73.8	−26.1	−34.2	43.1	232.6
315	0.368	0.999	0.0	84.7	−73.1	81.2	109.3	132.0	0.0	128	0.366	1.0	0.0	84.7	−73.2	81.2	109.3	132.0
316	0.429	1.0	0.261	85.3	−67.6	70.2	97.5	133.9	0.4	135	0.266	1.0	0.0	84.2	−77.5	80.6	111.8	133.8
317	0.501	1.0	0.392	86.1	−60.5	59.3	84.7	135.5	0.9	142	0.15	1.0	0.0	83.8	−80.8	80.1	113.8	135.2
318	0.597	1.0	0.501	87.3	−50.9	49.0	70.7	136.0	1.3	149	0.0	1.0	0.0	83.6	−82.7	79.8	115.0	136.0
319	0.592	1.0	0.54	87.3	−50.1	44.7	67.2	138.2	1.4	159	0.0	1.0	0.183	83.7	−81.4	73.0	109.4	138.1
320	0.585	1.0	0.623	87.6	−47.7	35.0	59.2	143.7	1.2	172	0.0	1.0	0.383	84.0	−77.6	57.2	96.4	143.5
321	0.58	1.0	0.749	88.0	−42.8	20.2	47.4	154.7	0.8	187	0.0	1.0	0.616	84.7	−68.9	31.5	75.8	155.4
322	0.582	1.0	0.874	88.7	−36.5	5.4	36.9	171.5	0.9	200	0.0	1.0	0.816	85.7	−58.5	7.5	59.0	172.6
323	0.6	1.0	0.999	89.7	−28.4	−8.9	29.8	197.4	0.7	210	0.0	1.0	1.0	86.8	−46.1	−13.5	48.1	196.3
								delta E'^* =	0.5									

5−1032234−F0 RN890−7N, 23/33−F

TUB-prøveplansje RN89; 16-trinns fargetonesirkel, cf=1
farger og fargeavstander, $\Delta E'^*$

input: $rgb/cmyk \rightarrow rgb_{dd}$
output: 3D-linearisering til rgb^*_{dd}

5−1032234−F0

http://130.149.60.45/~farbmetrik/RN89/RN89L0FP.PDF /.PS; 3D-linearisering
F: 3D-linearisering RN89/RN89LJ30FP.DAT i fil (F), side 24/33

n	HIC*Fdd	rgb_Fdd			ict_Fdd			$h_{si\_F,dd}$	rgb*Fdd			LabCh*Fdd				
324	R00Y_050_050dd	0.5	0.0	0.0	0.5	0.5	0.25	390	0.5	0.0	0.0	25.2	38.4	32.2	50.2	40.0
325	R26Y_050_050dd	0.5	0.0	0.125	0.5	0.5	0.25	376	0.5	0.0	0.116	25.4	39.0	20.6	44.1	27.8
326	R00Y_050_050dd	0.5	0.0	0.25	0.5	0.5	0.25	360	0.5	0.0	0.25	26.0	40.5	2.0	40.6	2.9
327	B61R_050_050dd	0.5	0.0	0.375	0.5	0.5	0.25	344	0.5	0.0	0.383	27.2	43.6	−15.3	46.2	340.6
328	B50R_050_050dd	0.5	0.0	0.5	0.5	0.5	0.25	330	0.5	0.0	0.5	28.6	47.1	−29.2	55.4	328.2
329	B40R_062_062dd	0.5	0.0	0.625	0.625	0.625	0.312	319	0.51	0.0	0.625	31.1	55.0	−44.2	70.6	321.2
330	B34R_075_075dd	0.5	0.0	0.75	0.75	0.75	0.375	311	0.512	0.0	0.75	33.6	63.1	−59.4	86.6	316.7
331	B29R_087_087dd	0.5	0.0	0.875	0.875	0.875	0.437	305	0.51	0.0	0.875	36.1	71.4	−74.4	103.2	313.8
332	B25R_100_100dd	0.5	0.0	1.0	1.0	1.0	0.5	300	0.5	0.0	1.0	38.5	79.8	−89.7	120.0	311.6
333	R23Y_050_050dd	0.5	0.125	0.0	0.5	0.5	0.25	44	0.5	0.116	0.0	26.8	33.8	32.9	47.2	44.2
334	R00Y_050_037dd	0.5	0.125	0.125	0.5	0.375	0.312	390	0.5	0.124	0.124	30.8	28.8	24.2	37.6	40.0
335	R18Y_050_037dd	0.5	0.125	0.25	0.5	0.375	0.312	371	0.5	0.124	0.243	31.0	29.6	11.1	31.7	20.6
336	B65R_050_037dd	0.5	0.125	0.375	0.5	0.375	0.312	349	0.5	0.124	0.381	32.0	32.0	−7.4	32.9	346.8
337	B50R_050_037dd	0.5	0.125	0.5	0.5	0.375	0.312	330	0.5	0.124	0.5	33.4	35.3	−21.9	41.6	328.2
338	B38R_062_050dd	0.5	0.125	0.625	0.625	0.5	0.375	316	0.508	0.125	0.625	35.8	43.2	−37.0	56.9	319.4
339	B30R_075_062dd	0.5	0.125	0.75	0.75	0.625	0.437	307	0.51	0.125	0.75	38.4	51.4	−52.0	73.1	314.6
340	B25R_087_075dd	0.5	0.125	0.875	0.875	0.75	0.5	300	0.5	0.125	0.875	40.8	59.8	−67.2	90.0	311.6
341	B20R_100_087dd	0.5	0.125	1.0	1.0	0.875	0.562	295	0.489	0.125	1.0	43.6	68.8	−81.8	106.9	310.0
342	R50Y_050_050dd	0.5	0.25	0.0	0.5	0.5	0.25	60	0.5	0.25	0.0	31.8	20.6	35.5	41.1	59.7
343	R31Y_050_037dd	0.5	0.25	0.125	0.5	0.375	0.312	49	0.5	0.243	0.124	33.0	22.7	25.2	33.9	47.9
344	R00Y_050_025dd	0.5	0.25	0.25	0.5	0.25	0.375	390	0.5	0.249	0.249	36.4	19.2	16.1	25.1	40.0
345	R00Y_050_025dd	0.5	0.25	0.375	0.5	0.25	0.375	360	0.5	0.249	0.375	36.8	20.2	1.0	20.3	2.9
346	B50R_050_025dd	0.5	0.25	0.5	0.5	0.25	0.375	330	0.5	0.249	0.5	38.1	23.5	−14.6	27.7	328.2
347	B34R_062_037dd	0.5	0.25	0.625	0.625	0.375	0.437	311	0.506	0.25	0.625	40.6	31.5	−29.7	43.3	316.7
348	B25R_075_050dd	0.5	0.25	0.75	0.75	0.5	0.5	300	0.5	0.25	0.75	43.1	39.9	−44.8	60.0	311.6
349	B19R_087_062dd	0.5	0.25	0.875	0.875	0.625	0.562	293	0.489	0.25	0.875	45.9	48.8	−59.4	76.9	309.3
350	B15R_100_075dd	0.5	0.25	1.0	1.0	0.75	0.625	289	0.487	0.25	1.0	49.3	58.1	−73.1	93.4	308.4
351	R76Y_050_050dd	0.5	0.375	0.0	0.5	0.5	0.25	76	0.5	0.383	0.0	39.1	3.9	40.3	40.5	84.4
352	R68Y_050_037dd	0.5	0.375	0.125	0.5	0.375	0.312	71	0.5	0.381	0.124	39.4	6.9	29.1	29.9	76.5
353	R50Y_050_025dd	0.5	0.375	0.25	0.5	0.25	0.375	60	0.5	0.375	0.249	39.7	10.3	17.7	20.5	59.7
354	R00Y_050_012dd	0.5	0.375	0.375	0.5	0.125	0.437	390	0.5	0.375	0.375	42.0	9.6	8.0	12.5	40.0
355	B50R_050_012dd	0.5	0.375	0.5	0.5	0.125	0.437	330	0.5	0.375	0.5	42.9	11.7	−7.3	13.8	328.2
356	B25R_062_025dd	0.5	0.375	0.625	0.625	0.25	0.5	300	0.5	0.375	0.625	45.4	19.9	−22.4	30.0	311.6
357	B15R_075_037dd	0.5	0.375	0.75	0.75	0.375	0.562	289	0.493	0.375	0.75	48.5	29.0	−36.5	46.7	308.4
358	B11R_087_050dd	0.5	0.375	0.875	0.875	0.5	0.625	284	0.491	0.375	0.875	51.9	38.3	−50.0	63.1	307.4
359	B09R_100_062dd	0.5	0.375	1.0	1.0	0.625	0.687	281	0.489	0.375	1.0	55.6	47.8	−63.2	79.3	307.0
360	Y00G_050_050dd	0.5	0.5	0.0	0.5	0.5	0.25	90	0.5	0.5	0.0	46.3	−10.3	45.3	46.5	102.8
361	Y00G_050_037dd	0.5	0.5	0.125	0.5	0.375	0.312	90	0.5	0.5	0.124	46.6	−7.7	34.0	34.9	102.8
362	Y00G_050_025dd	0.5	0.5	0.25	0.5	0.25	0.375	90	0.5	0.5	0.249	47.0	−5.1	22.6	23.2	102.8
363	Y00G_050_012dd	0.5	0.5	0.375	0.5	0.125	0.437	90	0.5	0.5	0.375	47.3	−2.5	11.3	11.6	102.8
364	NW_050dd	0.5	0.5	0.5	0.5	0.0	0.5	360	0.5	0.5	0.5	47.7	0.0	0.0	0.0	0.0
365	B00R_062_012dd	0.5	0.5	0.625	0.625	0.125	0.562	270	0.5	0.5	0.625	51.5	9.5	−12.9	16.0	306.2
366	B00R_075_025dd	0.5	0.5	0.75	0.75	0.25	0.625	270	0.5	0.5	0.75	55.3	19.0	−25.8	32.1	306.2
367	B00R_087_037dd	0.5	0.5	0.875	0.875	0.375	0.687	270	0.5	0.5	0.875	59.1	28.5	−38.8	48.1	306.2
368	B00R_100_050dd	0.5	0.5	1.0	1.0	0.5	0.75	270	0.5	0.5	1.0	62.8	38.0	−51.7	64.2	306.2
369	Y18G_062_062dd	0.5	0.625	0.0	0.625	0.625	0.312	101	0.51	0.625	0.0	55.9	−24.1	54.5	59.6	113.8
370	Y23G_062_050dd	0.5	0.625	0.125	0.625	0.5	0.375	104	0.508	0.625	0.125	56.3	−21.6	43.1	48.2	116.6
371	Y31G_062_037dd	0.5	0.625	0.25	0.625	0.375	0.437	109	0.506	0.625	0.25	56.7	−19.0	31.8	37.1	120.8
372	Y50G_062_025dd	0.5	0.625	0.375	0.625	0.25	0.5	120	0.5	0.625	0.375	57.2	−16.3	20.6	26.2	128.3
373	G00B_062_012dd	0.5	0.625	0.5	0.625	0.125	0.562	150	0.5	0.625	0.5	58.1	−10.3	9.9	14.3	136.0
374	G50B_062_012dd	0.5	0.625	0.625	0.625	0.125	0.562	210	0.5	0.625	0.625	58.5	−5.7	−1.6	6.0	196.3
375	G75B_075_025dd	0.5	0.625	0.75	0.75	0.25	0.625	240	0.5	0.625	0.75	60.6	4.5	−17.0	17.6	285.0
376	G84B_087_037dd	0.5	0.625	0.875	0.875	0.375	0.687	251	0.5	0.618	0.875	62.9	17.1	−32.5	36.7	297.8
377	G88B_100_050dd	0.5	0.625	1.0	1.0	0.5	0.75	256	0.5	0.616	1.0	65.9	28.8	−46.7	54.8	301.6
378	Y31G_075_075dd	0.5	0.75	0.0	0.75	0.75	0.375	109	0.512	0.75	0.0	65.7	−38.0	63.7	74.2	120.8
379	Y38G_075_062dd	0.5	0.75	0.125	0.75	0.625	0.437	113	0.51	0.75	0.125	66.2	−35.2	52.4	63.1	123.9
380	Y50G_075_050dd	0.5	0.75	0.25	0.75	0.5	0.5	120	0.5	0.75	0.25	66.7	−32.6	41.2	52.5	128.3
381	Y68G_075_037dd	0.5	0.75	0.375	0.75	0.375	0.562	131	0.493	0.75	0.375	67.4	−28.2	30.3	41.4	132.9
382	G00B_075_025dd	0.5	0.75	0.5	0.75	0.25	0.625	150	0.5	0.75	0.5	68.6	−20.6	19.9	28.7	136.0
383	G25B_075_025dd	0.5	0.75	0.625	0.75	0.25	0.625	180	0.5	0.75	0.625	68.7	−18.4	11.2	21.6	148.6
384	G50B_075_025dd	0.5	0.75	0.75	0.75	0.25	0.625	210	0.5	0.75	0.75	69.4	−11.5	−3.3	12.0	196.3
385	G65B_087_037dd	0.5	0.75	0.875	0.875	0.375	0.687	229	0.5	0.756	0.875	71.8	−3.4	−18.3	18.6	259.3
386	G75B_100_050dd	0.5	0.75	1.0	1.0	0.5	0.75	240	0.5	0.75	1.0	73.5	9.1	−34.1	35.3	285.0
387	Y41G_087_087dd	0.5	0.875	0.0	0.875	0.875	0.437	115	0.51	0.875	0.0	75.7	−51.5	73.1	89.4	125.1
388	Y50G_087_075dd	0.5	0.875	0.125	0.875	0.75	0.5	120	0.5	0.875	0.125	76.2	−48.9	61.8	78.8	128.3
389	Y61G_087_062dd	0.5	0.875	0.25	0.875	0.625	0.562	127	0.489	0.875	0.25	76.8	−45.2	50.8	68.0	131.6
390	Y76G_087_050dd	0.5	0.875	0.375	0.875	0.5	0.625	136	0.491	0.875	0.375	77.8	−39.3	40.2	56.2	134.3
391	G00B_087_037dd	0.5	0.875	0.5	0.875	0.375	0.687	150	0.5	0.875	0.5	79.0	−31.0	29.9	43.1	136.0
392	G15B_087_037dd	0.5	0.875	0.625	0.875	0.375	0.687	169	0.5	0.875	0.618	79.1	−29.7	23.6	38.0	141.4
393	G34B_087_037dd	0.5	0.875	0.75	0.875	0.375	0.687	191	0.5	0.875	0.756	79.5	−24.7	8.7	26.2	160.4
394	G50B_087_037dd	0.5	0.875	0.875	0.875	0.375	0.687	210	0.5	0.875	0.875	80.2	−17.3	−5.0	18.0	196.3
395	G61B_100_050dd	0.5	0.875	1.0	1.0	0.5	0.75	224	0.5	0.883	1.0	82.8	−9.7	−19.6	21.9	243.6
396	Y50G_100_100dd	0.5	1.0	0.0	1.0	1.0	0.5	120	0.5	1.0	0.0	85.7	−65.2	82.4	105.1	128.3
397	Y58G_100_087dd	0.5	1.0	0.125	1.0	0.875	0.562	125	0.489	1.0	0.125	86.3	−61.5	71.5	94.3	130.7
398	Y68G_100_075dd	0.5	1.0	0.25	1.0	0.75	0.625	131	0.487	1.0	0.25	87.2	−56.5	60.7	82.9	132.9
399	Y81G_100_062dd	0.5	1.0	0.375	1.0	0.625	0.687	139	0.489	1.0	0.375	88.2	−49.9	50.1	70.8	134.8
400	G00B_100_050dd	0.5	1.0	0.5	1.0	0.5	0.75	150	0.5	1.0	0.5	89.5	−41.3	39.9	57.5	136.0
401	G11B_100_050dd	0.5	1.0	0.625	1.0	0.5	0.75	164	0.5	1.0	0.616	89.5	−40.4	35.0	53.4	139.0
402	G25B_100_050dd	0.5	1.0	0.75	1.0	0.5	0.75	180	0.5	1.0	0.75	89.8	−36.8	22.4	43.2	148.6
403	G38B_100_050dd	0.5	1.0	0.875	1.0	0.5	0.75	196	0.5	1.0	0.883	90.4	−30.6	6.8	31.4	167.3
404	G50B_100_050dd	0.5	1.0	1.0	1.0	0.5	0.75	210	0.5	1.0	1.0	91.1	−23.0	−6.7	24.0	196.3

n	rgb'*Fdd			LabCh'*Fdd					DE'*Fdd	$h_{siM,dd}$	rgb*Mdd			LabCh*Mdd				
324	0.485	0.1	0.037	25.0	39.2	33.3	51.4	40.3	1.3	389	1.0	0.0	0.0	50.4	76.9	64.5	100.4	40.0
325	0.483	0.102	0.132	25.2	39.8	20.4	44.7	27.1	0.8	377	1.0	0.0	0.233	50.8	78.0	41.2	88.2	27.8
326	0.479	0.107	0.25	25.9	41.2	1.8	41.3	2.5	0.7	360	1.0	0.0	0.5	52.0	81.1	4.1	81.2	2.9
327	0.477	0.113	0.369	27.1	44.1	−15.6	46.8	340.4	0.5	342	1.0	0.0	0.766	54.4	87.3	−30.6	92.5	340.6
328	0.475	0.122	0.472	28.6	47.3	−29.5	55.7	327.9	0.3	330	1.0	0.0	1.0	57.2	94.3	−58.4	110.9	328.2
329	0.497	0.102	0.596	31.0	55.5	−44.4	71.1	321.3	0.5	320	0.816	0.0	1.0	49.8	88.1	−70.7	113.0	321.2
330	0.508	0.075	0.725	33.3	63.8	−59.7	87.3	316.9	0.7	311	0.683	0.0	1.0	44.8	84.1	−79.2	115.5	316.7
331	0.512	0.041	0.861	36.0	71.9	−74.6	103.7	313.9	0.5	305	0.583	0.0	1.0	41.3	81.6	−85.1	117.9	313.8
332	0.501	0.0	0.999	38.6	79.8	−89.6	120.0	311.7	0.1	300	0.5	0.0	1.0	38.5	79.8	−89.7	120.0	311.6
333	0.483	0.148	0.044	26.7	34.3	34.1	48.4	44.7	1.3	42	1.0	0.233	0.0	53.7	67.6	65.8	94.4	44.2
334	0.5	0.212	0.151	30.6	29.3	24.1	38.0	39.4	0.5	389	1.0	0.0	0.0	50.4	76.9	64.5	100.4	40.0
335	0.494	0.214	0.238	30.9	30.2	10.8	32.1	19.7	0.6	371	1.0	0.0	0.316	51.1	79.1	29.7	84.5	20.6
336	0.485	0.221	0.366	31.8	32.6	−7.9	33.5	346.3	0.7	348	1.0	0.0	0.683	53.5	85.4	−19.9	87.7	346.8
337	0.481	0.229	0.474	33.2	35.7	−22.4	42.2	327.9	0.6	330	1.0	0.0	1.0	57.2	94.3	−58.4	110.9	328.2
338	0.505	0.23	0.598	35.7	43.5	−37.1	57.1	319.5	0.3	317	0.766	0.0	1.0	47.9	86.4	−74.0	113.8	319.4
339	0.52	0.228	0.729	38.2	51.7	−52.1	73.4	314.7	0.3	307	0.616	0.0	1.0	42.4	82.3	−83.2	117.0	314.6
340	0.524	0.223	0.864	40.6	60.2	−67.5	90.5	311.7	0.4	300	0.5	0.0	1.0	38.5	79.8	−89.7	120.0	311.6
341	0.53	0.216	1.0	43.4	69.0	−81.7	106.9	310.1	0.3	294	0.416	0.0	1.0	36.3	78.6	−93.5	122.2	310.0
342	0.48	0.252	0.063	31.8	20.7	36.5	41.9	60.4	0.9	59	1.0	0.5	0.0	63.6	41.3	71.0	82.2	59.7
343	0.495	0.259	0.161	33.0	22.7	25.4	34.1	48.2	0.2	48	1.0	0.316	0.0	56.2	60.6	67.2	90.5	47.9
344	0.505	0.303	0.254	36.4	19.4	16.0	25.1	39.5	0.2	389	1.0	0.0	0.0	50.4	76.9	64.5	100.4	40.0
345	0.488	0.308	0.357	36.7	20.3	0.7	20.4	2.1	0.3	360	1.0	0.0	0.5	52.0	81.1	4.1	81.2	2.9
346	0.481	0.316	0.474	38.0	23.7	−15.0	28.0	327.5	0.4	330	1.0	0.0	1.0	57.2	94.3	−58.4	110.9	328.2
347	0.508	0.322	0.599	40.5	31.6	−29.7	43.4	316.7	0.1	311	0.683	0.0	1.0	44.8	84.1	−79.2	115.5	316.7
348	0.525	0.325	0.731	42.9	40.0	−44.9	60.2	311.6	0.2	300	0.5	0.0	1.0	38.5	79.8	−89.7	120.0	311.6
349	0.545	0.328	0.868	45.7	49.0	−59.6	77.2	309.4	0.3	292	0.383	0.0	1.0	35.3	78.1	−95.1	123.0	309.3
350	0.571	0.334	1.0	48.9	57.7	−72.5	92.7	308.5	0.7	288	0.316	0.0	1.0	33.9	77.4	−97.5	124.5	308.4
351	0.477	0.367	0.081	39.1	3.8	41.2	41.4	84.6	0.9	77	1.0	0.766	0.0	78.2	7.8	80.6	81.0	84.4
352	0.486	0.365	0.185	39.4	6.7	29.5	30.3	77.0	0.4	71	1.0	0.683	0.0	73.4	18.5	77.6	79.8	76.5
353	0.494	0.361	0.272	39.8	10.2	17.7	20.5	59.8	0.0	59	1.0	0.5	0.0	63.6	41.3	71.0	82.2	59.7
354	0.497	0.389	0.36	42.1	9.5	8.0	12.4	40.2	0.1	389	1.0	0.0	0.0	50.4	76.9	64.5	100.4	40.0
355	0.478	0.396	0.473	42.9	11.5	−7.5	13.8	327.0	0.2	330	1.0	0.0	1.0	57.2	94.3	−58.4	110.9	328.2
356	0.508	0.405	0.6	45.4	19.7	−22.2	29.7	311.5	0.2	300	0.5	0.0	1.0	38.5	79.8	−89.7	120.0	311.6
357	0.544	0.415	0.733	48.4	28.8	−36.5	46.5	308.2	0.2	288	0.316	0.0	1.0	33.9	77.4	−97.5	124.5	308.4
358	0.583	0.427	0.87	51.8	38.1	−50.2	63.0	307.2	0.2	282	0.233	0.0	1.0	32.3	76.7	−100.1	126.2	307.4
359	0.626	0.44	1.0	55.3	47.0	−62.1	77.9	307.1	1.3	279	0.183	0.0	1.0	31.7	76.5	−101.2	126.9	307.0
360	0.474	0.47	0.101	46.3	−10.7	46.0	47.2	103.1	0.7	89	1.0	1.0	0.0	92.6	−20.7	90.7	93.0	102.8
361	0.48	0.47	0.212	46.7	−8.1	34.4	35.4	103.3	0.6	89	1.0	1.0	0.0	92.6	−20.7	90.7	93.0	102.8
362	0.481	0.47	0.303	47.0	−5.5	22.7	23.4	103.7	0.4	89	1.0	1.0	0.0	92.6	−20.7	90.7	93.0	102.8
363	0.478	0.47	0.388	47.4	−2.8	11.2	11.6	104.2	0.2	89	1.0	1.0	0.0	92.6	−20.7	90.7	93.0	102.8
364	0.466	0.47	0.471	47.7	−0.3	−0.1	0.4	205.6	0.4	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
365	0.532	0.491	0.599	51.5	9.1	−12.7	15.7	305.5	0.4	270	0.0	0.0	1.0	30.3	76.0	−103.5	128.5	306.2
366	0.59	0.511	0.733	55.2	18.5	−25.7	31.7	305.7	0.4	270	0.0	0.0	1.0	30.3	76.0	−103.5	128.5	306.2
367	0.645	0.529	0.871	59.0	28.1	−38.8	48.0	305.9	0.3	270	0.0	0.0	1.0	30.3	76.0	−103.5	128.5	306.2
368	0.697	0.545	1.0	62.6	37.1	−50.5	62.6	306.3	1.5	270	0.0	0.0	1.0	30.3	76.0	−103.5	128.5	306.2
369	0.496	0.594	0.096	55.9	−24.1	55.0	60.1	113.6	0.5	99	0.816	1.0	0.0	89.5	−38.6	87.2	95.4	113.8
370	0.502	0.595	0.229	56.2	−21.6	43.3	48.4	116.5	0.2	102	0.766	1.0	0.0	88.7	−43.3	86.2	96.5	116.6
371	0.505	0.596	0.327	56.6	−19.0	31.9	37.1	120.8	0.0	108	0.683	1.0	0.0	87.6	−50.7	84.9	98.9	120.8
372	0.504	0.597	0.419	57.1	−16.2	20.4	26.1	128.5	0.2	119	0.5	1.0	0.0	85.7	−65.2	82.4	105.1	128.3
373	0.529	0.598	0.507	58.0	−10.2	9.6	14.0	136.8	0.3	149	0.0	1.0	0.0	83.6	−82.7	79.8	115.0	136.0
374	0.528	0.595	0.594	58.4	−5.9	−1.7	6.1	196.6	0.2	210	0.0	1.0	1.0	86.8	−46.1	−13.5	48.1	196.3
375	0.57	0.599	0.728	60.4	4.3	−17.2	17.7	284.1	0.3	240	0.0	0.5	1.0	51.7	18.3	−68.3	70.7	285.0
376	0.628	0.598	0.869	62.8	17.1	−32.6	36.9	297.6	0.2	251	0.0	0.316	1.0	40.7	45.8	−86.7	98.1	297.8
377	0.684	0.604	1.0	65.6	28.1	−45.7	53.7	301.6	1.2	257	0.0	0.233	1.0	36.5	57.6	−93.4	109.7	301.6
378	0.508	0.725	0.08	65.6	−37.9	64.2	74.6	120.5	0.5	108	0.683	1.0	0.0	87.6	−50.7	84.9	98.9	120.8
379	0.517	0.726	0.245	66.1	−35.1	52.3	63.0	123.9	0.1	112	0.616	1.0	0.0	86.8	−56.4	83.8	101.0	123.9
380	0.521	0.728	0.352	66.6	−32.6	41.1	52.5	128.4	0.1	119	0.5	1.0	0.0	85.7	−65.2	82.4	105.1	128.3
381	0.539	0.731	0.448	67.3	−28.3	30.1	41.3	133.1	0.2	131	0.316	1.0	0.0	84.4	−75.3	80.9	110.6	132.9
382	0.584	0.731	0.541	68.4	−20.8	19.6	28.6	136.7	0.4	149	0.0	1.0	0.0	83.6	−82.7	79.8	115.0	136.0
383	0.576	0.73	0.607	68.6	−18.6	11.1	21.7	149.0	0.2	180	0.0	1.0	0.5	84.3	−73.7	44.9	86.4	148.6
384	0.585	0.727	0.724	69.2	−11.7	−3.4	12.2	196.4	0.3	210	0.0	1.0	1.0	86.8	−46.1	−13.5	48.1	196.3
385	0.615	0.742	0.864	71.7	−3.5	−18.4	18.7	259.1	0.1	228	0.0	0.683	1.0	64.4	−9.2	−48.8	49.7	259.3
386	0.665	0.736	1.0	73.3	8.7	−33.6	34.8	284.5	0.6	240	0.0	0.5	1.0	51.7	18.3	−68.3	70.7	285.0
387	0.512	0.86	0.049	75.6	−51.5	73.5	89.7	125.0	0.4	114	0.583	1.0	0.0	86.5	−58.9	83.5	102.2	125.1
388	0.521	0.862	0.256	76.1	−48.9	61.7	78.7	128.3	0.0	119	0.5	1.0	0.0	85.7	−65.2	82.4	105.1	128.3
389	0.54	0.865	0.374	76.8	−45.2	50.6	67.9	131.7	0.2	127	0.383	1.0	0.0	84.8	−72.3	81.3	108.8	131.6
390	0.577	0.868	0.477	77.7	−39.5	39.9	56.2	134.6	0.3	137	0.233	1.0	0.0	84.0	−78.7	80.4	112.5	134.3
391	0.639	0.869	0.573	78.9	−31.3	29.9	43.2	136.2	0.2	149	0.0	1.0	0.0	83.6	−82.7	79.8	115.0	136.0
392	0.633	0.869	0.623	79.0	−29.8	23.7	38.1	141.4	0.2	168	0.0	1.0	0.316	83.9	−79.2	63.1	101.3	141.4
393	0.627	0.867	0.744	79.5	−24.8	8.8	26.3	160.4	0.1	191	0.0	1.0	0.683	85.0	−65.8	23.4	69.9	160.4
394	0.641	0.864	0.86	80.1	−17.5	−5.1	18.2	196.4	0.2	210	0.0	1.0	1.0	86.8	−46.1	−13.5	48.1	196.3
395	0.666	0.882	1.0	82.7	−10.1	−19.4	21.8	242.4	0.4	222	0.0	0.766	1.0	70.2	−19.5	−39.3	43.9	243.6
396	0.501	0.999	0.0	85.7	−65.0	82.4	105.0	128.2	0.1	119	0.5	1.0	0.0	85.7	−65.2	82.4	105.1	128.3
397	0.528	1.0	0.261	86.1	−61.2	71.3	94.0	130.6	0.3	125	0.416	1.0	0.0	85.0	−70.2	81.7	107.8	130.7
398	0.565	1.0	0.392	86.7	−56.1	60.1	82.2	133.0	0.8	131	0.316	1.0	0.0	84.4	−75.3	80.9	110.6	132.9
399	0.621	1.0	0.501	87.5	−49.1	49.4	69.7	134.8	1.2	140	0.183	1.0	0.0	83.9	−79.9	80.2	113.3	134.8
400	0.691	1.0	0.604	88.7	−40.5	39.0	56.3	136.0	1.4	149	0.0	1.0	0.0	83.6	−82.7	79.8	115.0	136.0
401	0.685	1.0	0.645	88.8	−39.5	34.2	52.3	139.1	1.4	162	0.0	1.0	0.233	83.7	−80.8	70.1	106.9	139.0
402	0.676	1.0	0.749	89.1	−36.1	21.9	42.2	148.7	1.1	180	0.0	1.0	0.5	84.3	−73.7	44.9	86.4	148.6
403	0.677	1.0	0.874	89.8	−30.3	7.0	31.1	166.8	0.7	197	0.0	1.0	0.766	85.4	−61.2	13.7	62.8	167.3
404	0.693	1.0	0.999	90.7	−22.7	−7.3	23.8	197.8	0.7	210	0.0	1.0	1.0	86.8	−46.1	−13.5	48.1	196.3

delta E'^* = 0.5

5−1032334−F0 RN890−7N, 24/33−F

TUB-prøveplansje RN89; 16-trinns fargetonesirkel, cf=1
farger og fargeavstander, $\Delta E'^*$

input: $rgb/cmyk \rightarrow rgb_{dd}$
output: 3D-linearisering til rgb^*_{dd}

5−1032334−F0

TUB registrering: 20150701-RN89/RN89L0FP.PDF /.PS TUB-material: code=rha4ta
anvendelse for måling av display output, ingen separasjon rgb* (RGB)

http://130.149.60.45/~farbmetrik/RN89/RN89L0FP.PDF /.PS; 3D-linearisering
F: 3D-linearisering RN89/RN89LJ30FP.DAT i fil (F), side 25/33

n	HIC*Fdd	*rgb*_Fdd			*ict*_Fdd			$h_{si\_F,dd}$	*rgb**Fdd			*LabCh**Fdd				
405	R00Y_062_062dd	0.625	0.0	0.0	0.625	0.625	0.312	390	0.625	0.0	0.0	31.5	48.0	40.3	62.7	40.0
406	R31Y_062_062dd	0.625	0.0	0.125	0.625	0.625	0.312	379	0.625	0.0	0.114	31.7	48.7	29.7	57.0	31.3
407	R11Y_062_062dd	0.625	0.0	0.25	0.625	0.625	0.312	367	0.625	0.0	0.239	32.1	49.6	12.8	51.3	14.4
408	B69R_062_062dd	0.625	0.0	0.375	0.625	0.625	0.312	353	0.625	0.0	0.385	33.0	52.2	−7.1	52.7	352.1
409	B59R_062_062dd	0.625	0.0	0.5	0.625	0.625	0.312	341	0.625	0.0	0.51	34.3	55.5	−22.8	60.1	337.6
410	B50R_062_062dd	0.625	0.0	0.625	0.625	0.625	0.312	330	0.625	0.0	0.625	35.8	58.9	−36.5	69.3	328.2
411	B42R_075_075dd	0.625	0.0	0.75	0.75	0.75	0.375	321	0.637	0.0	0.75	38.4	66.8	−51.4	84.3	322.4
412	B36R_087_087dd	0.625	0.0	0.875	0.875	0.875	0.437	314	0.641	0.0	0.875	40.8	74.7	−66.6	100.1	318.3
413	B31R_100_100dd	0.625	0.0	1.0	1.0	1.0	0.5	308	0.633	0.0	1.0	43.0	82.7	−82.2	116.6	315.1
414	R18Y_062_062dd	0.625	0.125	0.0	0.625	0.625	0.312	41	0.625	0.114	0.0	32.9	44.0	40.9	60.1	42.8
415	R00Y_062_050dd	0.625	0.125	0.125	0.625	0.5	0.375	390	0.625	0.125	0.125	37.1	38.4	32.2	50.2	40.0
416	R26Y_062_050dd	0.625	0.125	0.25	0.625	0.5	0.375	376	0.625	0.125	0.241	37.3	39.0	20.6	44.1	27.8
417	R00Y_062_050dd	0.625	0.125	0.375	0.625	0.5	0.375	360	0.625	0.125	0.375	37.9	40.5	2.0	40.6	2.9
418	B61R_062_050dd	0.625	0.125	0.5	0.625	0.5	0.375	344	0.625	0.125	0.508	39.1	43.6	−15.3	46.2	340.6
419	B50R_062_050dd	0.625	0.125	0.625	0.625	0.5	0.375	330	0.625	0.125	0.625	40.5	47.1	−29.2	55.4	328.2
420	B40R_075_062dd	0.625	0.125	0.75	0.75	0.625	0.437	319	0.635	0.125	0.75	43.1	55.0	−44.2	70.6	321.2
421	B34R_087_075dd	0.625	0.125	0.875	0.875	0.75	0.5	311	0.637	0.125	0.875	45.5	63.1	−59.4	86.6	316.7
422	B29R_100_087dd	0.625	0.125	1.0	1.0	0.875	0.562	305	0.635	0.125	1.0	48.0	71.4	−74.4	103.2	313.8
423	R38Y_062_062dd	0.625	0.25	0.0	0.625	0.625	0.312	53	0.625	0.239	0.0	36.6	34.0	42.6	54.6	51.3
424	R23Y_062_050dd	0.625	0.25	0.125	0.625	0.5	0.375	44	0.625	0.241	0.125	38.8	33.8	32.9	47.2	44.2
425	R00Y_062_037dd	0.625	0.25	0.25	0.625	0.375	0.437	390	0.625	0.25	0.25	42.7	28.8	24.2	37.6	40.0
426	R18Y_062_037dd	0.625	0.25	0.375	0.625	0.375	0.437	371	0.625	0.25	0.368	43.0	29.6	11.1	31.7	20.6
427	B65R_062_037dd	0.625	0.25	0.5	0.625	0.375	0.437	349	0.625	0.25	0.506	43.9	32.0	−7.4	32.9	346.8
428	B50R_062_037dd	0.625	0.25	0.625	0.625	0.375	0.437	330	0.625	0.25	0.625	45.3	35.3	−21.9	41.6	328.2
429	B38R_075_050dd	0.625	0.25	0.75	0.75	0.5	0.5	316	0.633	0.25	0.75	47.8	43.2	−37.0	56.9	319.4
430	B30R_087_062dd	0.625	0.25	0.875	0.875	0.625	0.562	307	0.635	0.25	0.875	50.3	51.4	−52.0	73.1	314.6
431	B25R_100_075dd	0.625	0.25	1.0	1.0	0.75	0.625	300	0.625	0.25	1.0	52.8	59.8	−67.2	90.0	311.6
432	R61Y_062_062dd	0.625	0.375	0.0	0.625	0.625	0.312	67	0.625	0.385	0.0	43.5	16.7	46.8	49.7	70.2
433	R50Y_062_050dd	0.625	0.375	0.125	0.625	0.5	0.375	60	0.625	0.375	0.125	43.7	20.6	35.5	41.1	59.7
434	R31Y_062_037dd	0.625	0.375	0.25	0.625	0.375	0.437	49	0.625	0.368	0.25	44.9	22.7	25.2	33.9	47.9
435	R00Y_062_025dd	0.625	0.375	0.375	0.625	0.25	0.5	390	0.625	0.375	0.375	48.4	19.2	16.1	25.1	40.0
436	R00Y_062_025dd	0.625	0.375	0.5	0.625	0.25	0.5	360	0.625	0.375	0.5	48.7	20.2	1.0	20.3	2.9
437	B50R_062_025dd	0.625	0.375	0.625	0.625	0.25	0.5	330	0.625	0.375	0.625	50.1	23.5	−14.6	27.7	328.2
438	B34R_075_037dd	0.625	0.375	0.75	0.75	0.375	0.562	311	0.631	0.375	0.75	52.5	31.5	−29.7	43.3	316.7
439	B25R_087_050dd	0.625	0.375	0.875	0.875	0.5	0.625	300	0.625	0.375	0.875	55.0	39.9	−44.8	60.0	311.6
440	B19R_100_062dd	0.625	0.375	1.0	1.0	0.625	0.687	293	0.614	0.375	1.0	57.8	48.8	−59.4	76.9	309.3
441	R81Y_062_062dd	0.625	0.5	0.0	0.625	0.625	0.312	79	0.625	0.51	0.0	50.8	1.0	51.8	51.8	88.7
442	R76Y_062_050dd	0.625	0.5	0.125	0.625	0.5	0.375	76	0.625	0.508	0.125	51.0	3.9	40.3	40.5	84.4
443	R68Y_062_037dd	0.625	0.5	0.25	0.625	0.375	0.437	71	0.625	0.506	0.25	51.3	6.9	29.1	29.9	76.5
444	R50Y_062_025dd	0.625	0.5	0.375	0.625	0.25	0.5	60	0.625	0.5	0.375	51.6	10.3	17.7	20.5	59.7
445	R00Y_062_012dd	0.625	0.5	0.5	0.625	0.125	0.562	390	0.625	0.5	0.5	54.0	9.6	8.0	12.5	40.0
446	B50R_062_012dd	0.625	0.5	0.625	0.625	0.125	0.562	330	0.625	0.5	0.625	54.8	11.7	−7.3	13.8	328.2
447	B25R_075_025dd	0.625	0.5	0.75	0.75	0.25	0.625	300	0.625	0.5	0.75	57.3	19.9	−22.4	30.0	311.6
448	B15R_087_037dd	0.625	0.5	0.875	0.875	0.375	0.687	289	0.618	0.5	0.875	60.4	29.0	−36.5	46.7	308.4
449	B11R_100_050dd	0.625	0.5	1.0	1.0	0.5	0.75	284	0.616	0.5	1.0	63.9	38.3	−50.0	63.1	307.4
450	Y00G_062_062dd	0.625	0.625	0.0	0.625	0.625	0.312	90	0.625	0.625	0.0	57.9	−12.9	56.7	58.1	102.8
451	Y00G_062_050dd	0.625	0.625	0.125	0.625	0.5	0.375	90	0.625	0.625	0.125	58.2	−10.3	45.3	46.5	102.8
452	Y00G_062_037dd	0.625	0.625	0.25	0.625	0.375	0.437	90	0.625	0.625	0.25	58.5	−7.7	34.0	34.9	102.8
453	Y00G_062_025dd	0.625	0.625	0.375	0.625	0.25	0.5	90	0.625	0.625	0.375	58.9	−5.1	22.6	23.2	102.8
454	Y00G_062_012dd	0.625	0.625	0.5	0.625	0.125	0.562	90	0.625	0.625	0.5	59.2	−2.5	11.3	11.6	102.8
455	NW_062dd	0.625	0.625	0.625	0.625	0.0	0.625	360	0.625	0.625	0.625	59.6	0.0	0.0	0.0	0.0
456	B00R_075_012dd	0.625	0.625	0.75	0.75	0.125	0.687	270	0.625	0.625	0.75	63.4	9.5	−12.9	16.0	306.2
457	B00R_087_025dd	0.625	0.625	0.875	0.875	0.25	0.75	270	0.625	0.625	0.875	67.2	19.0	−25.8	32.1	306.2
458	B00R_100_037dd	0.625	0.625	1.0	1.0	0.375	0.812	270	0.625	0.625	1.0	71.0	28.5	−38.8	48.1	306.2
459	Y15G_075_075dd	0.625	0.75	0.0	0.75	0.75	0.375	99	0.637	0.75	0.0	67.5	−26.5	65.8	71.0	111.9
460	Y18G_075_062dd	0.625	0.75	0.125	0.75	0.625	0.437	101	0.635	0.75	0.125	67.9	−24.1	54.5	59.6	113.8
461	Y23G_075_050dd	0.625	0.75	0.25	0.75	0.5	0.5	104	0.633	0.75	0.25	68.2	−21.6	43.1	48.2	116.6
462	Y31G_075_037dd	0.625	0.75	0.375	0.75	0.375	0.562	109	0.631	0.75	0.375	68.6	−19.0	31.8	37.1	120.8
463	Y50G_075_025dd	0.625	0.75	0.5	0.75	0.25	0.625	120	0.625	0.75	0.5	69.1	−16.3	20.6	26.2	128.3
464	G00B_075_012dd	0.625	0.75	0.625	0.75	0.125	0.687	150	0.625	0.75	0.625	70.0	−10.3	9.9	14.3	136.0
465	G50B_075_012dd	0.625	0.75	0.75	0.75	0.125	0.687	210	0.625	0.75	0.75	70.4	−5.7	−1.6	6.0	196.3
466	G75B_087_025dd	0.625	0.75	0.875	0.875	0.25	0.75	240	0.625	0.75	0.875	72.5	4.5	−17.0	17.6	285.0
467	G84B_100_037dd	0.625	0.75	1.0	1.0	0.375	0.812	251	0.625	0.743	1.0	74.9	17.1	−32.5	36.7	297.8
468	Y26G_087_087dd	0.625	0.875	0.0	0.875	0.875	0.437	106	0.641	0.875	0.0	77.2	−40.5	74.9	85.2	118.4
469	Y31G_087_075dd	0.625	0.875	0.125	0.875	0.75	0.5	109	0.637	0.875	0.125	77.7	−38.0	63.7	74.2	120.8
470	Y38G_087_062dd	0.625	0.875	0.25	0.875	0.625	0.562	113	0.635	0.875	0.25	78.1	−35.2	52.4	63.1	123.9
471	Y50G_087_050dd	0.625	0.875	0.375	0.875	0.5	0.625	120	0.625	0.875	0.375	78.6	−32.6	41.2	52.5	128.3
472	Y68G_087_037dd	0.625	0.875	0.5	0.875	0.375	0.687	131	0.618	0.875	0.5	79.3	−28.2	30.3	41.4	132.9
473	G00B_087_025dd	0.625	0.875	0.625	0.875	0.25	0.75	150	0.625	0.875	0.625	80.5	−20.6	19.9	28.7	136.0
474	G25B_087_025dd	0.625	0.875	0.75	0.875	0.25	0.75	180	0.625	0.875	0.75	80.7	−18.4	11.2	21.6	148.6
475	G50B_087_025dd	0.625	0.875	0.875	0.875	0.25	0.75	210	0.625	0.875	0.875	81.3	−11.5	−3.3	12.0	196.3
476	G65B_100_037dd	0.625	0.875	1.0	1.0	0.375	0.812	229	0.625	0.881	1.0	83.7	−3.4	−18.3	18.6	259.3
477	Y36G_100_100dd	0.625	1.0	0.0	1.0	1.0	0.5	112	0.633	1.0	0.0	87.0	−55.0	84.1	100.5	123.2
478	Y41G_100_087dd	0.625	1.0	0.125	1.0	0.875	0.562	115	0.635	1.0	0.125	87.6	−51.5	73.1	89.4	125.1
479	Y50G_100_075dd	0.625	1.0	0.25	1.0	0.75	0.625	120	0.625	1.0	0.25	88.1	−48.9	61.8	78.8	128.3
480	Y61G_100_062dd	0.625	1.0	0.375	1.0	0.625	0.687	127	0.614	1.0	0.375	88.7	−45.2	50.8	68.0	131.6
481	Y76G_100_050dd	0.625	1.0	0.5	1.0	0.5	0.75	136	0.616	1.0	0.5	89.7	−39.3	40.2	56.2	134.3
482	G00B_100_037dd	0.625	1.0	0.625	1.0	0.375	0.812	150	0.625	1.0	0.625	90.9	−31.0	29.9	43.1	136.0
483	G15B_100_037dd	0.625	1.0	0.75	1.0	0.375	0.812	169	0.625	1.0	0.743	91.0	−29.7	23.6	38.0	141.4
484	G34B_100_037dd	0.625	1.0	0.875	1.0	0.375	0.812	191	0.625	1.0	0.881	91.5	−24.7	8.7	26.2	160.4
485	G50B_100_037dd	0.625	1.0	1.0	1.0	0.375	0.812	210	0.625	1.0	1.0	92.2	−17.3	−5.0	18.0	196.3

n	*rgb'**Fdd			*LabCh'**Fdd					*DE'**Fdd	$h_{siM,dd}$	*rgb**Mdd			*LabCh**Mdd				
405	0.605	0.101	0.037	31.3	48.5	41.0	63.5	40.2	0.8	389	1.0	0.0	0.0	50.4	76.9	64.5	100.4	40.0
406	0.605	0.099	0.13	31.4	49.2	29.4	57.3	30.8	0.6	380	1.0	0.0	0.183	50.7	77.9	47.5	91.2	31.3
407	0.602	0.105	0.242	31.9	50.0	12.4	51.6	13.9	0.5	367	1.0	0.0	0.383	51.4	79.5	20.4	82.1	14.4
408	0.6	0.11	0.378	32.9	52.5	−7.6	53.1	351.7	0.5	352	1.0	0.0	0.616	52.9	83.6	−11.4	84.3	352.1
409	0.6	0.114	0.492	34.2	55.8	−23.4	60.5	337.2	0.5	339	1.0	0.0	0.816	54.9	88.9	−36.6	96.2	337.6
410	0.597	0.125	0.595	35.7	58.7	−36.6	69.2	328.0	0.2	330	1.0	0.0	1.0	57.2	94.3	−58.4	110.9	328.2
411	0.621	0.092	0.725	38.1	67.2	−51.7	84.8	322.3	0.5	322	0.85	0.0	1.0	51.2	89.1	−68.5	112.4	322.4
412	0.634	0.05	0.86	40.5	75.1	−67.0	100.7	318.2	0.6	315	0.733	0.0	1.0	46.6	85.4	−76.1	114.4	318.3
413	0.632	0.0	1.0	42.9	82.6	−82.3	116.7	315.1	0.1	308	0.633	0.0	1.0	43.0	82.7	−82.2	116.6	315.1
414	0.604	0.152	0.041	32.6	44.4	41.5	60.8	43.0	0.7	39	1.0	0.183	0.0	52.7	70.5	65.5	96.2	42.8
415	0.624	0.235	0.154	36.9	38.4	32.2	50.1	40.0	0.1	389	1.0	0.0	0.0	50.4	76.9	64.5	100.4	40.0
416	0.619	0.236	0.237	37.1	39.0	20.4	44.0	27.5	0.2	377	1.0	0.0	0.233	50.8	78.0	41.2	88.2	27.8
417	0.611	0.242	0.364	37.8	40.5	1.7	40.6	2.4	0.3	360	1.0	0.0	0.5	52.0	81.1	4.1	81.2	2.9
418	0.607	0.25	0.491	39.1	43.5	−15.6	46.2	340.2	0.3	342	1.0	0.0	0.766	54.4	87.3	−30.6	92.5	340.6
419	0.605	0.256	0.597	40.4	46.9	−29.3	55.3	328.0	0.2	330	1.0	0.0	1.0	57.2	94.3	−58.4	110.9	328.2
420	0.63	0.254	0.728	43.0	54.8	−44.2	70.4	321.0	0.2	320	0.816	0.0	1.0	49.8	88.1	−70.7	113.0	321.2
421	0.646	0.25	0.864	45.4	62.9	−59.4	86.5	316.6	0.2	311	0.683	0.0	1.0	44.8	84.1	−79.2	115.5	316.7
422	0.656	0.241	1.0	47.8	71.2	−74.2	102.9	313.8	0.3	305	0.583	0.0	1.0	41.3	81.6	−85.1	117.9	313.8
423	0.602	0.249	0.051	36.5	33.9	43.4	55.1	52.0	0.8	52	1.0	0.383	0.0	58.5	54.5	68.2	87.3	51.3
424	0.62	0.272	0.161	38.6	33.6	33.0	47.1	44.4	0.2	42	1.0	0.233	0.0	53.7	67.6	65.8	94.4	44.2
425	0.635	0.332	0.261	42.6	28.8	23.8	37.4	39.6	0.3	389	1.0	0.0	0.0	50.4	76.9	64.5	100.4	40.0
426	0.624	0.335	0.352	42.8	29.5	10.7	31.4	20.0	0.4	371	1.0	0.0	0.316	51.1	79.1	29.7	84.5	20.6
427	0.613	0.343	0.487	43.8	32.0	−7.9	33.0	346.0	0.5	348	1.0	0.0	0.683	53.5	85.4	−19.9	87.7	346.8
428	0.609	0.352	0.597	45.1	35.2	−22.0	41.5	327.9	0.2	330	1.0	0.0	1.0	57.2	94.3	−58.4	110.9	328.2
429	0.634	0.356	0.73	47.6	43.0	−37.0	56.8	319.2	0.2	317	0.766	0.0	1.0	47.9	86.4	−74.0	113.8	319.4
430	0.655	0.358	0.866	50.2	51.3	−52.1	73.2	314.5	0.2	307	0.616	0.0	1.0	42.4	82.3	−83.2	117.0	314.6
431	0.666	0.358	1.0	52.5	59.4	−66.6	89.3	311.7	0.8	300	0.5	0.0	1.0	38.5	79.8	−89.7	120.0	311.6
432	0.6	0.378	0.066	43.5	16.4	47.6	50.4	70.9	0.9	67	1.0	0.616	0.0	69.6	26.8	74.8	79.5	70.2
433	0.614	0.369	0.182	43.7	20.2	35.8	41.2	60.5	0.5	59	1.0	0.5	0.0	63.6	41.3	71.0	82.2	59.7
434	0.629	0.377	0.273	44.9	22.3	25.1	33.6	48.3	0.4	48	1.0	0.316	0.0	56.2	60.6	67.2	90.5	47.9
435	0.635	0.424	0.369	48.3	18.9	15.9	24.7	40.0	0.3	389	1.0	0.0	0.0	50.4	76.9	64.5	100.4	40.0
436	0.615	0.429	0.477	48.7	19.9	0.7	19.9	2.0	0.4	360	1.0	0.0	0.5	52.0	81.1	4.1	81.2	2.9
437	0.608	0.438	0.597	49.9	23.1	−14.6	27.4	327.6	0.4	330	1.0	0.0	1.0	57.2	94.3	−58.4	110.9	328.2
438	0.636	0.445	0.731	52.4	31.2	−29.7	43.1	316.3	0.3	311	0.683	0.0	1.0	44.8	84.1	−79.2	115.5	316.7
439	0.658	0.45	0.869	54.9	39.7	−44.9	60.0	311.4	0.2	300	0.5	0.0	1.0	38.5	79.8	−89.7	120.0	311.6
440	0.683	0.456	1.0	57.6	48.0	−58.4	75.7	309.4	1.2	292	0.383	0.0	1.0	35.3	78.1	−95.1	123.0	309.3
441	0.599	0.491	0.08	50.8	0.6	52.6	52.6	89.3	0.9	80	1.0	0.816	0.0	81.2	1.7	82.9	83.0	88.7
442	0.608	0.488	0.207	51.0	3.4	40.7	40.8	85.1	0.6	77	1.0	0.766	0.0	78.2	7.8	80.6	81.0	84.4
443	0.615	0.486	0.302	51.4	6.4	29.1	29.8	77.6	0.5	71	1.0	0.683	0.0	73.4	18.5	77.6	79.8	76.5
444	0.621	0.483	0.389	51.7	9.9	17.6	20.2	60.5	0.4	59	1.0	0.5	0.0	63.6	41.3	71.0	82.2	59.7
445	0.622	0.511	0.481	54.0	9.2	7.8	12.1	40.6	0.4	389	1.0	0.0	0.0	50.4	76.9	64.5	100.4	40.0
446	0.602	0.519	0.596	54.8	11.2	−7.2	13.4	327.3	0.5	330	1.0	0.0	1.0	57.2	94.3	−58.4	110.9	328.2
447	0.634	0.528	0.731	57.2	19.5	−22.3	29.6	311.1	0.4	300	0.5	0.0	1.0	38.5	79.8	−89.7	120.0	311.6
448	0.676	0.539	0.87	60.3	28.8	−36.6	46.6	308.1	0.2	288	0.316	0.0	1.0	33.9	77.4	−97.5	124.5	308.4
449	0.722	0.553	1.0	63.6	37.6	−48.8	61.6	307.5	1.4	282	0.233	0.0	1.0	32.3	76.7	−100.1	126.2	307.4
450	0.596	0.593	0.102	57.7	−13.1	57.0	58.5	103.0	0.4	89	1.0	1.0	0.0	92.6	−20.7	90.7	93.0	102.8
451	0.604	0.593	0.234	58.1	−10.5	45.4	46.6	103.1	0.2	89	1.0	1.0	0.0	92.6	−20.7	90.7	93.0	102.8
452	0.608	0.593	0.332	58.4	−8.0	33.9	34.8	103.3	0.3	89	1.0	1.0	0.0	92.6	−20.7	90.7	93.0	102.8
453	0.607	0.593	0.423	58.7	−5.4	22.3	23.0	103.6	0.4	89	1.0	1.0	0.0	92.6	−20.7	90.7	93.0	102.8
454	0.603	0.593	0.51	59.1	−2.7	10.9	11.2	103.8	0.4	89	1.0	1.0	0.0	92.6	−20.7	90.7	93.0	102.8
455	0.59	0.593	0.594	59.4	−0.2	−0.1	0.3	206.3	0.3	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
456	0.659	0.615	0.73	63.2	9.3	−13.1	16.1	305.6	0.2	270	0.0	0.0	1.0	30.3	76.0	−103.5	128.5	306.2
457	0.723	0.636	0.869	67.0	19.0	−26.1	32.2	306.0	0.2	270	0.0	0.0	1.0	30.3	76.0	−103.5	128.5	306.2
458	0.783	0.655	1.0	70.7	27.9	−37.6	46.9	306.5	1.3	270	0.0	0.0	1.0	30.3	76.0	−103.5	128.5	306.2
459	0.621	0.724	0.083	67.4	−26.8	66.2	71.5	112.0	0.5	97	0.85	1.0	0.0	90.0	−35.4	87.7	94.6	111.9
460	0.628	0.725	0.248	67.7	−24.2	54.3	59.5	114.0	0.2	99	0.816	1.0	0.0	89.5	−38.6	87.2	95.4	113.8
461	0.631	0.725	0.355	68.1	−21.8	42.9	48.2	116.9	0.2	102	0.766	1.0	0.0	88.7	−43.3	86.2	96.5	116.6
462	0.632	0.726	0.451	68.5	−19.2	31.6	36.9	121.2	0.3	108	0.683	1.0	0.0	87.6	−50.7	84.9	98.9	120.8
463	0.629	0.728	0.542	68.9	−16.4	20.3	26.2	129.0	0.3	119	0.5	1.0	0.0	85.7	−65.2	82.4	105.1	128.3
464	0.656	0.729	0.632	69.9	−10.5	9.9	14.5	136.7	0.2	149	0.0	1.0	0.0	83.6	−82.7	79.8	115.0	136.0
465	0.656	0.726	0.723	70.3	−5.9	−1.7	6.2	196.0	0.2	210	0.0	1.0	1.0	86.8	−46.1	−13.5	48.1	196.3
466	0.7	0.729	0.864	72.3	4.3	−17.2	17.8	284.1	0.3	240	0.0	0.5	1.0	51.7	18.3	−68.3	70.7	285.0
467	0.764	0.729	1.0	74.6	16.6	−31.5	35.7	297.8	1.1	251	0.0	0.316	1.0	40.7	45.8	−86.7	98.1	297.8
468	0.634	0.86	0.051	77.2	−40.8	75.3	85.6	118.4	0.4	104	0.733	1.0	0.0	88.3	−46.3	85.6	97.4	118.4
469	0.643	0.861	0.257	77.6	−38.2	63.6	74.2	120.9	0.2	108	0.683	1.0	0.0	87.6	−50.7	84.9	98.9	120.8
470	0.651	0.862	0.377	78.0	−35.4	52.1	63.0	124.1	0.3	112	0.616	1.0	0.0	86.8	−56.4	83.8	101.0	123.9
471	0.653	0.865	0.479	78.5	−32.8	40.9	52.4	128.7	0.3	119	0.5	1.0	0.0	85.7	−65.2	82.4	105.1	128.3
472	0.67	0.867	0.574	79.2	−28.5	30.3	41.6	133.2	0.3	131	0.316	1.0	0.0	84.4	−75.3	80.9	110.6	132.9
473	0.716	0.867	0.669	80.3	−21.0	19.9	28.9	136.5	0.3	149	0.0	1.0	0.0	83.6	−82.7	79.8	115.0	136.0
474	0.708	0.867	0.739	80.6	−18.6	11.2	21.7	149.0	0.2	180	0.0	1.0	0.5	84.3	−73.7	44.9	86.4	148.6
475	0.718	0.863	0.86	81.2	−11.7	−3.4	12.2	196.4	0.2	210	0.0	1.0	1.0	86.8	−46.1	−13.5	48.1	196.3
476	0.75	0.875	1.0	83.4	−3.4	−18.1	18.5	259.2	0.3	228	0.0	0.683	1.0	64.4	−9.2	−48.8	49.7	259.3
477	0.631	0.999	0.0	87.0	−55.2	84.0	100.5	123.3	0.1	111	0.633	1.0	0.0	87.0	−55.0	84.1	100.5	123.2
478	0.653	1.0	0.263	87.4	−51.6	72.9	89.3	125.2	0.2	114	0.583	1.0	0.0	86.5	−58.9	83.5	102.2	125.1
479	0.66	1.0	0.394	87.7	−48.7	61.3	78.3	128.4	0.6	119	0.5	1.0	0.0	85.7	−65.2	82.4	105.1	128.3
480	0.678	1.0	0.501	88.2	−44.7	50.4	67.3	131.5	0.8	127	0.383	1.0	0.0	84.8	−72.3	81.3	108.8	131.6
481	0.715	1.0	0.605	89.0	−38.5	39.4	55.2	134.3	1.2	137	0.233	1.0	0.0	84.0	−78.7	80.4	112.5	134.3
482	0.776	1.0	0.704	90.2	−30.1	29.1	41.9	135.9	1.3	149	0.0	1.0	0.0	83.6	−82.7	79.8	115.0	136.0
483	0.77	1.0	0.749	90.3	−28.9	23.7	37.4	140.6	1.0	168	0.0	1.0	0.316	83.9	−79.2	63.1	101.3	141.4
484	0.763	1.0	0.874	90.9	−24.1	8.8	25.6	159.9	0.8	191	0.0	1.0	0.683	85.0	−65.8	23.4	69.9	160.4
485	0.778	1.0	0.999	91.8	−16.8	−5.5	17.7	198.2	0.7	210	0.0	1.0	1.0	86.8	−46.1	−13.5	48.1	196.3

delta *E'** = **0.4**

5−1032434−F0 RN890−7N, 25/33−F

TUB-prøveplansje RN89; 16-trinns fargetonesirkel, *cf*=1
farger og fargeavstander, Δ*E'**

input: *rgb/cmyk* −> *rgb*dd
output: 3D-linearisering til *rgb**dd

se lignende filer: http://130.149.60.45/~farbmetrik/RN89/RN89.HTM
teknisk informasjon: http://www.ps.bam.de eller http://130.149.60.45/~farbmetrik

TUB registrering: 20150701-RN89/RN89L0FP.PDF /.PS TUB-material: code=rha4ta
anvendelse for måling av display output, ingen separasjon rgb* (RGB)

n	HIC*Fdd	rgb_Fdd			ict_Fdd			$h_{si\_F,dd}$	rgb*Fdd			LabCh*Fdd				
486	R00Y_075_075dd	0.75	0.0	0.0	0.75	0.75	0.375	390	0.75	0.0	0.0	37.8	57.7	48.4	75.3	40.0
487	R35Y_075_075dd	0.75	0.0	0.125	0.75	0.75	0.375	381	0.75	0.0	0.112	37.9	58.2	38.8	69.9	33.6
488	R18Y_075_075dd	0.75	0.0	0.25	0.75	0.75	0.375	371	0.75	0.0	0.237	38.3	59.3	22.3	63.4	20.6
489	R00Y_075_075dd	0.75	0.0	0.375	0.75	0.75	0.375	360	0.75	0.0	0.375	39.0	60.8	3.1	60.9	2.9
490	B65R_075_075dd	0.75	0.0	0.5	0.75	0.75	0.375	349	0.75	0.0	0.512	40.1	64.1	−14.9	65.8	346.8
491	B57R_075_075dd	0.75	0.0	0.625	0.75	0.75	0.375	339	0.75	0.0	0.637	41.5	67.3	−30.5	73.9	335.5
492	B50R_075_075dd	0.75	0.0	0.75	0.75	0.75	0.375	330	0.75	0.0	0.75	42.9	70.7	−43.8	83.2	328.2
493	B43R_087_087dd	0.75	0.0	0.875	0.875	0.875	0.437	322	0.758	0.0	0.875	45.3	78.4	−59.0	98.1	323.0
494	B38R_100_100dd	0.75	0.0	1.0	1.0	1.0	0.5	316	0.766	0.0	1.0	47.9	86.4	−74.0	113.8	319.4
495	R15Y_075_075dd	0.75	0.125	0.0	0.75	0.75	0.375	39	0.75	0.112	0.0	39.0	54.3	48.9	73.1	41.9
496	R00Y_075_062dd	0.75	0.125	0.125	0.75	0.625	0.437	390	0.75	0.125	0.125	43.4	48.0	40.3	62.7	40.0
497	R31Y_075_062dd	0.75	0.125	0.25	0.75	0.625	0.437	379	0.75	0.125	0.239	43.6	48.7	29.7	57.0	31.3
498	R11Y_075_062dd	0.75	0.125	0.375	0.75	0.625	0.437	367	0.75	0.125	0.364	44.0	49.6	12.8	51.3	14.4
499	B69R_075_062dd	0.75	0.125	0.5	0.75	0.625	0.437	353	0.75	0.125	0.51	45.0	52.2	−7.1	52.7	352.1
500	B59R_075_062dd	0.75	0.125	0.625	0.75	0.625	0.437	341	0.75	0.125	0.635	46.2	55.5	−22.8	60.1	337.6
501	B50R_075_062dd	0.75	0.125	0.75	0.75	0.625	0.437	330	0.75	0.125	0.75	47.7	58.9	−36.5	69.3	328.2
502	B42R_087_075dd	0.75	0.125	0.875	0.875	0.75	0.5	321	0.762	0.125	0.875	50.3	66.8	−51.4	84.3	322.4
503	B36R_100_087dd	0.75	0.125	1.0	1.0	0.875	0.562	314	0.766	0.125	1.0	52.7	74.7	−66.6	100.1	318.3
504	R31Y_075_075dd	0.75	0.25	0.0	0.75	0.75	0.375	49	0.75	0.237	0.0	42.2	45.5	50.4	67.9	47.9
505	R18Y_075_062dd	0.75	0.25	0.125	0.75	0.625	0.437	41	0.75	0.239	0.125	44.8	44.0	40.9	60.1	42.8
506	R00Y_075_050dd	0.75	0.25	0.25	0.75	0.5	0.5	390	0.75	0.25	0.25	49.0	38.4	32.2	50.2	40.0
507	R26Y_075_050dd	0.75	0.25	0.375	0.75	0.5	0.5	376	0.75	0.25	0.366	49.2	39.0	20.6	44.1	27.8
508	R00Y_075_050dd	0.75	0.25	0.5	0.75	0.5	0.5	360	0.75	0.25	0.5	49.8	40.5	2.0	40.6	2.9
509	B61R_075_050dd	0.75	0.25	0.625	0.75	0.5	0.5	344	0.75	0.25	0.633	51.0	43.6	−15.3	46.2	340.6
510	B50R_075_050dd	0.75	0.25	0.75	0.75	0.5	0.5	330	0.75	0.25	0.75	52.5	47.1	−29.2	55.4	328.2
511	B40R_087_062dd	0.75	0.25	0.875	0.875	0.625	0.562	319	0.76	0.25	0.875	55.0	55.0	−44.2	70.6	321.2
512	B34R_100_075dd	0.75	0.25	1.0	1.0	0.75	0.625	311	0.762	0.25	1.0	57.4	63.1	−59.4	86.6	316.7
513	R50Y_075_075dd	0.75	0.375	0.0	0.75	0.75	0.375	60	0.75	0.375	0.0	47.7	31.0	53.2	61.6	59.7
514	R38Y_075_062dd	0.75	0.375	0.125	0.75	0.625	0.437	53	0.75	0.364	0.125	48.5	34.0	42.6	54.6	51.3
515	R23Y_075_050dd	0.75	0.375	0.25	0.75	0.5	0.5	44	0.75	0.366	0.25	50.7	33.8	32.9	47.2	44.2
516	R00Y_075_037dd	0.75	0.375	0.375	0.75	0.375	0.562	390	0.75	0.375	0.375	54.7	28.8	24.2	37.6	40.0
517	R18Y_075_037dd	0.75	0.375	0.5	0.75	0.375	0.562	371	0.75	0.375	0.493	54.9	29.6	11.1	31.7	20.6
518	B65R_075_037dd	0.75	0.375	0.625	0.75	0.375	0.562	349	0.75	0.375	0.631	55.8	32.0	−7.4	32.9	346.8
519	B50R_075_037dd	0.75	0.375	0.75	0.75	0.375	0.562	330	0.75	0.375	0.75	57.2	35.3	−21.9	41.6	328.2
520	B38R_087_050dd	0.75	0.375	0.875	0.875	0.5	0.625	316	0.758	0.375	0.875	59.7	43.2	−37.0	56.9	319.4
521	B30R_100_062dd	0.75	0.375	1.0	1.0	0.625	0.687	307	0.76	0.375	1.0	62.2	51.4	−52.0	73.1	314.6
522	R68Y_075_075dd	0.75	0.5	0.0	0.75	0.75	0.375	71	0.75	0.512	0.0	55.0	13.8	58.2	59.8	76.5
523	R61Y_075_062dd	0.75	0.5	0.125	0.75	0.625	0.437	67	0.75	0.51	0.125	55.4	16.7	46.8	49.7	70.2
524	R50Y_075_050dd	0.75	0.5	0.25	0.75	0.5	0.5	60	0.75	0.5	0.25	55.6	20.6	35.5	41.1	59.7
525	R31Y_075_037dd	0.75	0.5	0.375	0.75	0.375	0.562	49	0.75	0.493	0.375	56.8	22.7	25.2	33.9	47.9
526	R00Y_075_025dd	0.75	0.5	0.5	0.75	0.25	0.625	390	0.75	0.5	0.5	60.3	19.2	16.1	25.1	40.0
527	R00Y_075_025dd	0.75	0.5	0.625	0.75	0.25	0.625	360	0.75	0.5	0.625	60.7	20.2	1.0	20.3	2.9
528	B50R_075_025dd	0.75	0.5	0.75	0.75	0.25	0.625	330	0.75	0.5	0.75	62.0	23.5	−14.6	27.7	328.2
529	B34R_087_037dd	0.75	0.5	0.875	0.875	0.375	0.687	311	0.756	0.5	0.875	64.5	31.5	−29.7	43.3	316.7
530	B25R_100_050dd	0.75	0.5	1.0	1.0	0.5	0.75	300	0.75	0.5	1.0	67.0	39.9	−44.8	60.0	311.6
531	R85Y_075_075dd	0.75	0.625	0.0	0.75	0.75	0.375	81	0.75	0.637	0.0	62.4	−1.8	63.2	63.2	91.7
532	R81Y_075_062dd	0.75	0.625	0.125	0.75	0.625	0.437	79	0.75	0.635	0.125	62.7	1.0	51.8	51.8	88.7
533	R76Y_075_050dd	0.75	0.625	0.25	0.75	0.5	0.5	76	0.75	0.633	0.25	62.9	3.9	40.3	40.5	84.4
534	R68Y_075_037dd	0.75	0.625	0.375	0.75	0.375	0.562	71	0.75	0.631	0.375	63.3	6.9	29.1	29.9	76.5
535	R50Y_075_025dd	0.75	0.625	0.5	0.75	0.25	0.625	60	0.75	0.625	0.5	63.6	10.3	17.7	20.5	59.7
536	R00Y_075_012dd	0.75	0.625	0.625	0.75	0.125	0.687	390	0.75	0.625	0.625	65.9	9.6	8.0	12.5	40.0
537	B50R_075_012dd	0.75	0.625	0.75	0.75	0.125	0.687	330	0.75	0.625	0.75	66.7	11.7	−7.3	13.8	328.2
538	B25R_087_025dd	0.75	0.625	0.875	0.875	0.25	0.75	300	0.75	0.625	0.875	69.2	19.9	−22.4	30.0	311.6
539	B15R_100_037dd	0.75	0.625	1.0	1.0	0.375	0.812	289	0.743	0.625	1.0	72.3	29.0	−36.5	46.7	308.4
540	Y00G_075_075dd	0.75	0.75	0.0	0.75	0.75	0.375	90	0.75	0.75	0.0	69.4	−15.5	68.0	69.8	102.8
541	Y00G_075_062dd	0.75	0.75	0.125	0.75	0.625	0.437	90	0.75	0.75	0.125	69.8	−12.9	56.7	58.1	102.8
542	Y00G_075_050dd	0.75	0.75	0.25	0.75	0.5	0.5	90	0.75	0.75	0.25	70.1	−10.3	45.3	46.5	102.8
543	Y00G_075_037dd	0.75	0.75	0.375	0.75	0.375	0.562	90	0.75	0.75	0.375	70.5	−7.7	34.0	34.9	102.8
544	Y00G_075_025dd	0.75	0.75	0.5	0.75	0.25	0.625	90	0.75	0.75	0.5	70.8	−5.1	22.6	23.2	102.8
545	Y00G_075_012dd	0.75	0.75	0.625	0.75	0.125	0.687	90	0.75	0.75	0.625	71.2	−2.5	11.3	11.6	102.8
546	NW_075dd	0.75	0.75	0.75	0.75	0.0	0.75	360	0.75	0.75	0.75	71.5	0.0	0.0	0.0	0.0
547	B00R_087_012dd	0.75	0.75	0.875	0.875	0.125	0.812	270	0.75	0.75	0.875	75.3	9.5	−12.9	16.0	306.2
548	B00R_100_025dd	0.75	0.75	1.0	1.0	0.25	0.875	270	0.75	0.75	1.0	79.1	19.0	−25.8	32.1	306.2
549	Y13G_087_087dd	0.75	0.875	0.0	0.875	0.875	0.437	98	0.758	0.875	0.0	79.0	−29.6	77.0	82.5	111.0
550	Y15G_087_075dd	0.75	0.875	0.125	0.875	0.75	0.5	99	0.762	0.875	0.125	79.4	−26.5	65.8	71.0	111.9
551	Y18G_087_062dd	0.75	0.875	0.25	0.875	0.625	0.562	101	0.76	0.875	0.25	79.8	−24.1	54.5	59.6	113.8
552	Y23G_087_050dd	0.75	0.875	0.375	0.875	0.5	0.625	104	0.758	0.875	0.375	80.1	−21.6	43.1	48.2	116.6
553	Y31G_087_037dd	0.75	0.875	0.5	0.875	0.375	0.687	109	0.756	0.875	0.5	80.5	−19.0	31.8	37.1	120.8
554	Y50G_087_025dd	0.75	0.875	0.625	0.875	0.25	0.75	120	0.75	0.875	0.625	81.0	−16.3	20.6	26.2	128.3
555	G00B_087_012dd	0.75	0.875	0.75	0.875	0.125	0.812	150	0.75	0.875	0.75	82.0	−10.3	9.9	14.3	136.0
556	G50B_087_012dd	0.75	0.875	0.875	0.875	0.125	0.812	210	0.75	0.875	0.875	82.4	−5.7	−1.6	6.0	196.3
557	G75B_100_025dd	0.75	0.875	1.0	1.0	0.25	0.875	240	0.75	0.875	1.0	84.5	4.5	−17.0	17.6	285.0
558	Y23G_100_100dd	0.75	1.0	0.0	1.0	1.0	0.5	104	0.766	1.0	0.0	88.7	−43.3	86.2	96.5	116.6
559	Y26G_100_087dd	0.75	1.0	0.125	1.0	0.875	0.562	106	0.766	1.0	0.125	89.2	−40.5	74.9	85.2	118.4
560	Y31G_100_075dd	0.75	1.0	0.25	1.0	0.75	0.625	109	0.762	1.0	0.25	89.6	−38.0	63.7	74.2	120.8
561	Y38G_100_062dd	0.75	1.0	0.375	1.0	0.625	0.687	113	0.76	1.0	0.375	90.0	−35.2	52.4	63.1	123.9
562	Y50G_100_050dd	0.75	1.0	0.5	1.0	0.5	0.75	120	0.75	1.0	0.5	90.5	−32.6	41.2	52.5	128.3
563	Y68G_100_037dd	0.75	1.0	0.625	1.0	0.375	0.812	131	0.743	1.0	0.625	91.3	−28.2	30.3	41.4	132.9
564	G00B_100_025dd	0.75	1.0	0.75	1.0	0.25	0.875	150	0.75	1.0	0.75	92.4	−20.6	19.9	28.7	136.0
565	G25B_100_025dd	0.75	1.0	0.875	1.0	0.25	0.875	180	0.75	1.0	0.875	92.6	−18.4	11.2	21.6	148.6
566	G50B_100_025dd	0.75	1.0	1.0	1.0	0.25	0.875	210	0.75	1.0	1.0	93.2	−11.5	−3.3	12.0	196.3

n	rgb'*Fdd			LabCh'*Fdd					DE'*Fdd	$h_{siM,dd}$	rgb*Mdd			LabCh*Mdd				
486	0.732	0.088	0.03	37.6	58.1	48.7	75.8	39.9	0.6	389	1.0	0.0	0.0	50.4	76.9	64.5	100.4	40.0
487	0.732	0.085	0.126	37.7	58.7	38.5	70.2	33.2	0.6	382	1.0	0.0	0.15	50.6	77.6	51.7	93.3	33.6
488	0.732	0.084	0.241	38.0	59.8	21.9	63.7	20.1	0.6	371	1.0	0.0	0.316	51.1	79.1	29.7	84.5	20.6
489	0.728	0.092	0.371	38.7	61.3	2.5	61.4	2.4	0.7	360	1.0	0.0	0.5	52.0	81.1	4.1	81.2	2.9
490	0.73	0.093	0.502	39.9	64.5	−15.5	66.4	346.4	0.7	348	1.0	0.0	0.683	53.5	85.4	−19.9	87.7	346.8
491	0.729	0.1	0.618	41.3	67.6	−30.7	74.2	335.5	0.3	337	1.0	0.0	0.85	55.3	89.8	−40.7	98.6	335.5
492	0.726	0.11	0.725	42.7	70.8	−44.0	83.4	328.1	0.2	330	1.0	0.0	1.0	57.2	94.3	−58.4	110.9	328.2
493	0.748	0.059	0.86	45.1	78.8	−59.3	98.6	323.0	0.5	322	0.866	0.0	1.0	51.8	89.6	−67.4	112.1	323.0
494	0.765	0.0	1.0	47.8	86.3	−74.0	113.7	319.3	0.1	317	0.766	0.0	1.0	47.9	86.4	−74.0	113.8	319.4
495	0.731	0.148	0.032	38.8	54.6	49.2	73.5	42.0	0.5	37	1.0	0.15	0.0	52.0	72.4	65.2	97.4	41.9
496	0.755	0.253	0.155	43.4	47.9	40.5	62.7	40.2	0.2	389	1.0	0.0	0.0	50.4	76.9	64.5	100.4	40.0
497	0.753	0.254	0.236	43.5	48.5	29.6	56.9	31.4	0.1	380	1.0	0.0	0.183	50.7	77.9	47.5	91.2	31.3
498	0.746	0.258	0.355	43.9	49.5	12.5	51.1	14.1	0.3	367	1.0	0.0	0.383	51.4	79.5	20.4	82.1	14.4
499	0.74	0.263	0.499	44.9	52.3	−7.5	52.8	351.7	0.4	352	1.0	0.0	0.616	52.9	83.6	−11.4	84.3	352.1
500	0.739	0.267	0.616	46.1	55.5	−22.9	60.1	337.5	0.1	339	1.0	0.0	0.816	54.9	88.9	−36.6	96.2	337.6
501	0.736	0.274	0.727	47.5	59.0	−36.6	69.4	328.1	0.2	330	1.0	0.0	1.0	57.2	94.3	−58.4	110.9	328.2
502	0.763	0.269	0.863	50.1	66.9	−51.5	84.4	322.3	0.2	322	0.85	0.0	1.0	51.2	89.1	−68.5	112.4	322.4
503	0.78	0.262	1.0	52.6	74.6	−66.4	99.9	318.3	0.2	315	0.733	0.0	1.0	46.6	85.4	−76.1	114.4	318.3
504	0.731	0.252	0.036	42.1	45.3	50.9	68.2	48.3	0.5	48	1.0	0.316	0.0	56.2	60.6	67.2	90.5	47.9
505	0.752	0.287	0.161	44.6	44.1	41.0	60.3	42.9	0.2	39	1.0	0.183	0.0	52.7	70.5	65.5	96.2	42.8
506	0.77	0.36	0.267	49.0	38.4	32.1	50.0	39.8	0.1	389	1.0	0.0	0.0	50.4	76.9	64.5	100.4	40.0
507	0.763	0.363	0.351	49.2	38.9	20.4	43.9	27.6	0.2	377	1.0	0.0	0.233	50.8	78.0	41.2	88.2	27.8
508	0.751	0.37	0.485	49.8	40.4	1.7	40.4	2.5	0.3	360	1.0	0.0	0.5	52.0	81.1	4.1	81.2	2.9
509	0.745	0.377	0.614	51.0	43.3	−15.1	45.9	340.7	0.3	342	1.0	0.0	0.766	54.4	87.3	−30.6	92.5	340.6
510	0.742	0.385	0.728	52.4	46.8	−29.1	55.2	328.1	0.2	330	1.0	0.0	1.0	57.2	94.3	−58.4	110.9	328.2
511	0.77	0.387	0.865	54.9	54.8	−44.2	70.4	321.1	0.1	320	0.816	0.0	1.0	49.8	88.1	−70.7	113.0	321.2
512	0.789	0.386	1.0	57.3	62.6	−58.7	85.9	316.8	0.7	311	0.683	0.0	1.0	44.8	84.1	−79.2	115.5	316.7
513	0.729	0.373	0.047	47.7	30.7	54.0	62.1	60.3	0.7	59	1.0	0.5	0.0	63.6	41.3	71.0	82.2	59.7
514	0.748	0.372	0.176	48.5	33.7	43.0	54.7	51.9	0.5	52	1.0	0.383	0.0	58.5	54.5	68.2	87.3	51.3
515	0.766	0.396	0.276	50.6	33.6	32.8	47.0	44.3	0.2	42	1.0	0.233	0.0	53.7	67.6	65.8	94.4	44.2
516	0.776	0.456	0.377	54.6	28.7	23.9	37.4	39.7	0.3	389	1.0	0.0	0.0	50.4	76.9	64.5	100.4	40.0
517	0.763	0.46	0.472	54.8	29.4	10.8	31.4	20.1	0.3	371	1.0	0.0	0.316	51.1	79.1	29.7	84.5	20.6
518	0.749	0.468	0.61	55.8	31.7	−7.3	32.6	346.9	0.3	348	1.0	0.0	0.683	53.5	85.4	−19.9	87.7	346.8
519	0.744	0.478	0.728	57.2	35.0	−21.8	41.3	328.0	0.3	330	1.0	0.0	1.0	57.2	94.3	−58.4	110.9	328.2
520	0.772	0.484	0.867	59.7	42.9	−37.0	56.7	319.2	0.2	317	0.766	0.0	1.0	47.9	86.4	−74.0	113.8	319.4
521	0.796	0.489	1.0	62.1	50.8	−51.0	72.0	314.8	1.1	307	0.616	0.0	1.0	42.4	82.3	−83.2	117.0	314.6
522	0.73	0.503	0.055	55.1	13.4	59.0	60.5	77.1	0.8	71	1.0	0.683	0.0	73.4	18.5	77.6	79.8	76.5
523	0.742	0.5	0.201	55.5	16.3	47.3	50.0	70.9	0.6	67	1.0	0.616	0.0	69.6	26.8	74.8	79.5	70.2
524	0.755	0.492	0.3	55.7	20.2	35.6	40.9	60.3	0.4	59	1.0	0.5	0.0	63.6	41.3	71.0	82.2	59.7
525	0.769	0.501	0.391	56.9	22.3	25.1	33.6	48.3	0.4	48	1.0	0.316	0.0	56.2	60.6	67.2	90.5	47.9
526	0.772	0.548	0.491	60.2	19.1	15.7	24.7	39.5	0.3	389	1.0	0.0	0.0	50.4	76.9	64.5	100.4	40.0
527	0.75	0.553	0.601	60.6	20.0	1.0	20.0	2.9	0.2	360	1.0	0.0	0.5	52.0	81.1	4.1	81.2	2.9
528	0.741	0.562	0.728	61.8	23.3	−14.6	27.5	327.9	0.2	330	1.0	0.0	1.0	57.2	94.3	−58.4	110.9	328.2
529	0.772	0.571	0.867	64.3	31.4	−29.8	43.4	316.5	0.2	311	0.683	0.0	1.0	44.8	84.1	−79.2	115.5	316.7
530	0.798	0.577	1.0	66.7	39.4	−43.8	58.9	311.9	1.1	300	0.5	0.0	1.0	38.5	79.8	−89.7	120.0	311.6
531	0.728	0.617	0.07	62.3	−1.9	63.7	63.7	91.7	0.5	81	1.0	0.85	0.0	83.3	−2.5	84.2	84.3	91.7
532	0.739	0.614	0.225	62.5	1.0	51.9	52.0	88.8	0.1	80	1.0	0.816	0.0	81.2	1.7	82.9	83.0	88.7
533	0.746	0.611	0.33	62.8	3.8	40.2	40.4	84.4	0.1	77	1.0	0.766	0.0	78.2	7.8	80.6	81.0	84.4
534	0.752	0.609	0.423	63.1	6.9	28.8	29.6	76.5	0.3	71	1.0	0.683	0.0	73.4	18.5	77.6	79.8	76.5
535	0.757	0.606	0.511	63.4	10.3	17.3	20.2	59.0	0.4	59	1.0	0.5	0.0	63.6	41.3	71.0	82.2	59.7
536	0.756	0.636	0.604	65.7	9.5	7.9	12.4	39.7	0.1	389	1.0	0.0	0.0	50.4	76.9	64.5	100.4	40.0
537	0.734	0.644	0.726	66.6	11.7	−7.4	13.8	327.6	0.2	330	1.0	0.0	1.0	57.2	94.3	−58.4	110.9	328.2
538	0.768	0.654	0.867	69.0	19.9	−22.6	30.1	311.4	0.2	300	0.5	0.0	1.0	38.5	79.8	−89.7	120.0	311.6
539	0.813	0.667	1.0	72.0	28.5	−35.5	45.5	308.7	1.1	288	0.316	0.0	1.0	33.9	77.4	−97.5	124.5	308.4
540	0.725	0.723	0.086	69.2	−15.7	68.4	70.2	102.9	0.5	89	1.0	1.0	0.0	92.6	−20.7	90.7	93.0	102.8
541	0.736	0.723	0.253	69.7	−13.0	56.5	57.9	102.9	0.2	89	1.0	1.0	0.0	92.6	−20.7	90.7	93.0	102.8
542	0.742	0.723	0.36	70.0	−10.4	45.2	46.3	102.9	0.2	89	1.0	1.0	0.0	92.6	−20.7	90.7	93.0	102.8
543	0.743	0.723	0.456	70.3	−7.8	33.7	34.6	103.1	0.3	89	1.0	1.0	0.0	92.6	−20.7	90.7	93.0	102.8
544	0.741	0.723	0.547	70.7	−5.3	22.4	23.0	103.2	0.2	89	1.0	1.0	0.0	92.6	−20.7	90.7	93.0	102.8
545	0.735	0.723	0.635	71.0	−2.7	11.3	11.6	103.5	0.2	89	1.0	1.0	0.0	92.6	−20.7	90.7	93.0	102.8
546	0.721	0.724	0.724	71.3	−0.1	0.0	0.2	207.8	0.2	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
547	0.794	0.747	0.865	75.2	9.4	−13.0	16.1	306.0	0.1	270	0.0	0.0	1.0	30.3	76.0	−103.5	128.5	306.2
548	0.861	0.769	1.0	78.9	18.5	−24.8	31.0	306.7	1.1	270	0.0	0.0	1.0	30.3	76.0	−103.5	128.5	306.2
549	0.747	0.86	0.053	78.9	−29.7	77.4	82.9	111.0	0.4	97	0.866	1.0	0.0	90.3	−33.8	88.0	94.3	111.0
550	0.762	0.86	0.26	79.3	−26.7	65.7	71.0	112.1	0.1	97	0.85	1.0	0.0	90.0	−35.4	87.7	94.6	111.9
551	0.768	0.861	0.381	79.8	−24.1	54.2	59.3	114.0	0.2	99	0.816	1.0	0.0	89.5	−38.6	87.2	95.4	113.8
552	0.768	0.861	0.482	80.0	−21.7	42.8	48.0	116.9	0.2	102	0.766	1.0	0.0	88.7	−43.3	86.2	96.5	116.6
553	0.768	0.862	0.577	80.4	−19.2	31.8	37.1	121.1	0.2	108	0.683	1.0	0.0	87.6	−50.7	84.9	98.9	120.8
554	0.763	0.864	0.67	80.9	−16.5	20.6	26.4	128.6	0.2	119	0.5	1.0	0.0	85.7	−65.2	82.4	105.1	128.3
555	0.79	0.865	0.765	81.9	−10.5	9.9	14.4	136.5	0.1	149	0.0	1.0	0.0	83.6	−82.7	79.8	115.0	136.0
556	0.79	0.862	0.859	82.3	−5.9	−1.7	6.1	196.1	0.1	210	0.0	1.0	1.0	86.8	−46.1	−13.5	48.1	196.3
557	0.839	0.865	1.0	84.3	4.3	−16.6	17.2	284.4	0.5	240	0.0	0.5	1.0	51.7	18.3	−68.3	70.7	285.0
558	0.765	0.999	0.0	88.7	−43.4	86.1	96.4	116.7	0.1	102	0.766	1.0	0.0	88.7	−43.3	86.2	96.5	116.6
559	0.778	1.0	0.265	89.1	−40.6	74.9	85.2	118.4	0.1	104	0.733	1.0	0.0	88.3	−46.3	85.6	97.4	118.4
560	0.785	1.0	0.396	89.4	−37.9	63.4	73.9	120.8	0.3	108	0.683	1.0	0.0	87.6	−50.7	84.9	98.9	120.8
561	0.791	1.0	0.508	89.8	−34.9	51.8	62.5	123.9	0.6	112	0.616	1.0	0.0	86.8	−56.4	83.8	101.0	123.9
562	0.791	1.0	0.607	90.1	−32.1	40.7	51.9	128.2	0.7	119	0.5	1.0	0.0	85.7	−65.2	82.4	105.1	128.3
563	0.807	1.0	0.705	90.7	−27.6	29.7	40.5	132.8	1.0	131	0.316	1.0	0.0	84.4	−75.3	80.9	110.6	132.9
564	0.855	1.0	0.803	91.9	−19.9	19.2	27.7	135.9	1.1	149	0.0	1.0	0.0	83.6	−82.7	79.8	115.0	136.0
565	0.846	1.0	0.874	92.1	−17.7	10.6	20.6	148.8	1.0	180	0.0	1.0	0.5	84.3	−73.7	44.9	86.4	148.6
566	0.856	1.0	0.999	93.0	−11.1	−3.7	11.7	198.6	0.5	210	0.0	1.0	1.0	86.8	−46.1	−13.5	48.1	196.3

delta E'^* = **0.4**

5−1032534−F0 RN890−7N, 26/33−F

TUB-prøveplansje RN89; 16-trinns fargetonesirkel, cf=1 input: $rgb/cmyk \rightarrow rgb_{dd}$
farger og fargeavstander, $\Delta E'^*$ output: 3D-linearisering til rgb^*_{dd}

se lignende filer: http://130.149.60.45/~farbmetrik/RN89/RN89.HTM
teknisk informasjon: http://www.ps.bam.de eller http://130.149.60.45/~farbmetrik

5−1032534−F0

http://130.149.60.45/~farbmetrik/RN89/RN89L0FP.PDF /.PS; 3D-linearisering
F: 3D-linearisering RN89/RN89LJ30FP.DAT i fil (F), side 27/33

TUB registrering: 20150701-RN89/RN89L0FP.PDF /.PS TUB-material: code=rha4ta
anvendelse for måling av display output, ingen separasjon rgb* (RGB)

n	HIC*Fdd	rgb_Fdd			ict_Fdd			hsi_F,dd	rgb*Fdd			LabCh*Fdd					rgb'*Fdd			LabCh'*Fdd					DE'*Fdd	hsiM,dd	rgb*Mdd			LabCh*Mdd				
567	R00Y_087_087dd	0.875	0.0	0.0	0.875	0.875	0.437	390	0.875	0.0	0.0	44.1	67.3	56.4	87.8	40.0	0.864	0.055	0.017	43.9	67.7	56.4	88.1	39.7	0.4	389	1.0	0.0	0.0	50.4	76.9	64.5	100.4	40.0
568	R36Y_087_087dd	0.875	0.0	0.125	0.875	0.875	0.437	382	0.875	0.0	0.116	44.2	67.7	47.1	82.5	34.8	0.864	0.054	0.124	44.1	68.1	46.9	82.7	34.5	0.5	382	1.0	0.0	0.133	50.6	77.3	53.9	94.3	34.8
569	R23Y_087_087dd	0.875	0.0	0.25	0.875	0.875	0.437	374	0.875	0.0	0.233	44.5	68.5	32.2	75.7	25.1	0.864	0.052	0.235	44.3	68.9	32.0	76.0	24.8	0.5	375	1.0	0.0	0.266	50.9	78.3	36.8	86.6	25.1
570	R08Y_087_087dd	0.875	0.0	0.375	0.875	0.875	0.437	365	0.875	0.0	0.364	45.1	70.2	13.8	71.6	11.1	0.865	0.049	0.364	44.9	70.6	13.4	71.9	10.7	0.6	365	1.0	0.0	0.416	51.5	80.3	15.8	81.8	11.1
571	B70R_087_087dd	0.875	0.0	0.5	0.875	0.875	0.437	355	0.875	0.0	0.51	46.1	72.8	−6.0	73.0	355.2	0.864	0.052	0.506	45.9	73.2	−6.5	73.5	354.8	0.7	354	1.0	0.0	0.583	52.7	83.2	−6.9	83.5	355.2
572	B63R_087_087dd	0.875	0.0	0.625	0.875	0.875	0.437	346	0.875	0.0	0.641	47.2	75.6	−23.1	79.1	342.9	0.863	0.059	0.631	47.0	76.0	−23.2	79.5	342.9	0.4	344	1.0	0.0	0.733	54.0	86.5	−26.4	90.4	342.9
573	B56R_087_087dd	0.875	0.0	0.75	0.875	0.875	0.437	338	0.875	0.0	0.758	48.6	78.8	−37.5	87.3	334.5	0.862	0.064	0.746	48.4	79.2	−37.6	87.7	334.5	0.4	337	1.0	0.0	0.866	55.5	90.1	−42.8	99.8	334.5
574	B50R_087_087dd	0.875	0.0	0.875	0.875	0.875	0.437	330	0.875	0.0	0.875	50.1	82.5	−51.1	97.1	328.2	0.861	0.07	0.86	49.9	82.9	−51.3	97.5	328.2	0.4	330	1.0	0.0	1.0	57.2	94.3	−58.4	110.9	328.2
575	B44R_100_100dd	0.875	0.0	1.0	1.0	1.0	0.5	323	0.883	0.0	1.0	52.5	90.1	−66.3	111.9	323.6	0.882	0.0	1.0	52.5	90.1	−66.3	111.9	323.6	0.0	323	0.883	0.0	1.0	52.5	90.1	−66.3	111.9	323.6
576	R13Y_087_087dd	0.875	0.125	0.0	0.875	0.875	0.437	38	0.875	0.116	0.0	45.2	64.2	56.9	85.8	41.5	0.864	0.139	0.018	45.1	64.4	56.9	85.9	41.4	0.2	37	1.0	0.133	0.0	51.7	73.4	65.0	98.0	41.5
577	R00Y_087_075dd	0.875	0.125	0.125	0.875	0.75	0.5	390	0.875	0.125	0.125	49.7	57.7	48.4	75.3	40.0	0.889	0.264	0.155	49.7	57.7	48.6	75.5	40.1	0.2	389	1.0	0.0	0.0	50.4	76.9	64.5	100.4	40.0
578	R35Y_087_075dd	0.875	0.125	0.25	0.875	0.75	0.5	381	0.875	0.125	0.237	49.9	58.2	38.8	69.9	33.6	0.888	0.264	0.233	49.8	58.2	38.8	70.0	33.6	0.1	382	1.0	0.0	0.15	50.6	77.6	51.7	93.3	33.6
579	R18Y_087_075dd	0.875	0.125	0.375	0.875	0.75	0.5	371	0.875	0.125	0.362	50.2	59.3	22.3	63.4	20.6	0.884	0.266	0.354	50.1	59.4	22.0	63.3	20.3	0.2	371	1.0	0.0	0.316	51.1	79.1	29.7	84.5	20.6
580	R00Y_087_075dd	0.875	0.125	0.5	0.875	0.75	0.5	360	0.875	0.125	0.5	50.9	60.8	3.1	60.9	2.9	0.877	0.272	0.493	50.8	61.0	2.7	61.1	2.5	0.4	360	1.0	0.0	0.5	52.0	81.1	4.1	81.2	2.9
581	B65R_087_075dd	0.875	0.125	0.625	0.875	0.75	0.5	349	0.875	0.125	0.637	52.1	64.1	−14.9	65.8	346.8	0.876	0.275	0.626	51.9	64.2	−14.9	65.9	346.9	0.1	348	1.0	0.0	0.683	53.5	85.4	−19.9	87.7	346.8
582	B57R_087_075dd	0.875	0.125	0.75	0.875	0.75	0.5	339	0.875	0.125	0.762	53.4	67.3	−30.5	73.9	335.5	0.874	0.281	0.75	53.3	67.5	−30.6	74.1	335.6	0.2	337	1.0	0.0	0.85	55.3	89.8	−40.7	98.6	335.5
583	B50R_087_075dd	0.875	0.125	0.875	0.875	0.75	0.5	330	0.875	0.125	0.875	54.9	70.7	−43.8	83.2	328.2	0.872	0.288	0.862	54.7	71.0	−44.0	83.5	328.2	0.3	330	1.0	0.0	1.0	57.2	94.3	−58.4	110.9	328.2
584	B43R_100_087dd	0.875	0.125	1.0	1.0	0.875	0.562	322	0.883	0.125	1.0	57.3	78.4	−59.0	98.1	323.0	0.895	0.279	1.0	57.1	78.5	−58.9	98.1	323.1	0.2	322	0.866	0.0	1.0	51.8	89.6	−67.4	112.1	323.0
585	R26Y_087_087dd	0.875	0.25	0.0	0.875	0.875	0.437	46	0.875	0.233	0.0	47.8	57.0	58.0	81.3	45.5	0.864	0.243	0.02	47.7	57.0	58.1	81.4	45.5	0.1	44	1.0	0.266	0.0	54.6	65.1	66.3	93.0	45.5
586	R15Y_087_075dd	0.875	0.25	0.125	0.875	0.75	0.5	39	0.875	0.237	0.125	50.9	54.3	48.9	73.1	41.9	0.887	0.297	0.16	50.7	54.5	49.1	73.4	41.9	0.3	37	1.0	0.15	0.0	52.0	72.4	65.2	97.4	41.9
587	R00Y_087_062dd	0.875	0.25	0.25	0.875	0.625	0.562	390	0.875	0.25	0.25	55.4	48.0	40.3	62.7	40.0	0.908	0.385	0.271	55.3	48.0	40.3	62.6	40.0	0.0	389	1.0	0.0	0.0	50.4	76.9	64.5	100.4	40.0
588	R31Y_087_062dd	0.875	0.25	0.375	0.875	0.625	0.562	379	0.875	0.25	0.364	55.5	48.7	29.7	57.0	31.3	0.903	0.386	0.351	55.5	48.6	29.5	56.9	31.3	0.1	380	1.0	0.0	0.183	50.7	77.9	47.5	91.2	31.3
589	R11Y_087_062dd	0.875	0.25	0.5	0.875	0.625	0.562	367	0.875	0.25	0.489	55.9	49.6	12.8	51.3	14.4	0.893	0.391	0.476	55.9	49.6	12.5	51.1	14.1	0.3	367	1.0	0.0	0.383	51.4	79.5	20.4	82.1	14.4
590	B69R_087_062dd	0.875	0.25	0.625	0.875	0.625	0.562	353	0.875	0.25	0.635	56.9	52.2	−7.1	52.7	352.1	0.885	0.397	0.623	56.8	52.1	−7.0	52.6	352.3	0.1	352	1.0	0.0	0.616	52.9	83.6	−11.4	84.3	352.1
591	B59R_087_062dd	0.875	0.25	0.75	0.875	0.625	0.562	341	0.875	0.25	0.76	58.2	55.5	−22.8	60.1	337.6	0.882	0.403	0.748	58.1	55.5	−22.8	60.0	337.6	0.0	339	1.0	0.0	0.816	54.9	88.9	−36.6	96.2	337.6
592	B50R_087_062dd	0.875	0.25	0.875	0.875	0.625	0.562	330	0.875	0.25	0.875	59.6	58.9	−36.5	69.3	328.2	0.879	0.412	0.864	59.5	58.9	−36.5	69.4	328.1	0.1	330	1.0	0.0	1.0	57.2	94.3	−58.4	110.9	328.2
593	B42R_100_075dd	0.875	0.25	1.0	1.0	0.75	0.625	321	0.887	0.25	1.0	62.2	66.8	−51.4	84.3	322.4	0.908	0.411	1.0	62.1	66.6	−50.9	83.9	322.6	0.4	322	0.85	0.0	1.0	51.2	89.1	−68.5	112.4	322.4
594	R41Y_087_087dd	0.875	0.375	0.0	0.875	0.875	0.437	55	0.875	0.364	0.0	52.5	44.4	60.6	75.1	53.7	0.863	0.368	0.021	52.5	44.3	60.8	75.2	53.9	0.1	54	1.0	0.416	0.0	60.0	50.7	69.3	85.9	53.7
595	R31Y_087_075dd	0.875	0.375	0.125	0.875	0.75	0.5	49	0.875	0.362	0.125	54.1	45.5	50.4	67.9	47.9	0.885	0.382	0.171	54.1	45.3	50.9	68.1	48.3	0.5	48	1.0	0.316	0.0	56.2	60.6	67.2	90.5	47.9
596	R18Y_087_062dd	0.875	0.375	0.25	0.875	0.625	0.562	41	0.875	0.364	0.25	56.8	44.0	40.9	60.1	42.8	0.904	0.416	0.278	56.6	44.1	40.8	60.1	42.8	0.1	39	1.0	0.183	0.0	52.7	70.5	65.5	96.2	42.8
597	R00Y_087_050dd	0.875	0.375	0.375	0.875	0.5	0.625	390	0.875	0.375	0.375	61.0	38.4	32.2	50.2	40.0	0.919	0.488	0.385	61.0	38.3	32.1	50.0	39.9	0.1	389	1.0	0.0	0.0	50.4	76.9	64.5	100.4	40.0
598	R26Y_087_050dd	0.875	0.375	0.5	0.875	0.5	0.625	376	0.875	0.375	0.491	61.1	39.0	20.6	44.1	27.8	0.909	0.491	0.471	61.2	38.8	20.4	43.9	27.7	0.2	377	1.0	0.0	0.233	50.8	78.0	41.2	88.2	27.8
599	R00Y_087_050dd	0.875	0.375	0.625	0.875	0.5	0.625	360	0.875	0.375	0.625	61.8	40.5	2.0	40.6	2.9	0.894	0.498	0.608	61.8	40.2	2.2	40.3	3.2	0.3	360	1.0	0.0	0.5	52.0	81.1	4.1	81.2	2.9
600	B61R_087_050dd	0.875	0.375	0.75	0.875	0.5	0.625	344	0.875	0.375	0.758	62.9	43.6	−15.3	46.2	340.6	0.886	0.506	0.746	63.0	43.4	−15.1	45.9	340.7	0.3	342	1.0	0.0	0.766	54.4	87.3	−30.6	92.5	340.6
601	B50R_087_050dd	0.875	0.375	0.875	0.875	0.5	0.625	330	0.875	0.375	0.875	64.4	47.1	−29.2	55.4	328.2	0.883	0.515	0.865	64.4	46.9	−29.1	55.2	328.1	0.2	330	1.0	0.0	1.0	57.2	94.3	−58.4	110.9	328.2
602	B40R_100_062dd	0.875	0.375	1.0	1.0	0.625	0.687	319	0.885	0.375	1.0	66.9	55.0	−44.2	70.6	321.2	0.913	0.519	1.0	66.8	54.6	−43.4	69.8	321.5	0.8	320	0.816	0.0	1.0	49.8	88.1	−70.7	113.0	321.2
603	R58Y_087_087dd	0.875	0.5	0.0	0.875	0.875	0.437	65	0.875	0.51	0.0	59.4	27.1	64.8	70.2	67.2	0.863	0.508	0.026	59.5	26.8	65.1	70.4	67.5	0.4	65	1.0	0.583	0.0	67.9	31.0	74.0	80.3	67.2
604	R50Y_087_075dd	0.875	0.5	0.125	0.875	0.75	0.5	60	0.875	0.5	0.125	59.6	31.0	53.2	61.6	59.7	0.88	0.499	0.193	59.7	30.6	53.8	61.9	60.3	0.6	59	1.0	0.5	0.0	63.6	41.3	71.0	82.2	59.7
605	R38Y_087_062dd	0.875	0.5	0.25	0.875	0.625	0.562	53	0.875	0.489	0.25	60.4	34.0	42.6	54.6	51.3	0.898	0.497	0.297	60.4	33.8	42.7	54.5	51.6	0.2	52	1.0	0.383	0.0	58.5	54.5	68.2	87.3	51.3
606	R23Y_087_050dd	0.875	0.5	0.375	0.875	0.5	0.625	44	0.875	0.491	0.375	62.6	33.8	32.9	47.2	44.2	0.913	0.522	0.394	62.5	33.7	32.7	47.0	44.1	0.1	42	1.0	0.233	0.0	53.7	67.6	65.8	94.4	44.2
607	R00Y_087_037dd	0.875	0.5	0.5	0.875	0.375	0.687	390	0.875	0.5	0.5	66.6	28.8	24.2	37.6	40.0	0.922	0.582	0.499	66.5	29.0	23.8	37.5	39.3	0.4	389	1.0	0.0	0.0	50.4	76.9	64.5	100.4	40.0
608	R18Y_087_037dd	0.875	0.5	0.625	0.875	0.375	0.687	371	0.875	0.5	0.618	66.8	29.6	11.1	31.7	20.6	0.906	0.586	0.595	66.7	29.7	11.1	31.7	20.5	0.1	371	1.0	0.0	0.316	51.1	79.1	29.7	84.5	20.6
609	B65R_087_037dd	0.875	0.5	0.75	0.875	0.375	0.687	349	0.875	0.5	0.756	67.7	32.0	−7.4	32.9	346.8	0.888	0.594	0.742	67.6	32.1	−7.5	32.9	346.7	0.1	348	1.0	0.0	0.683	53.5	85.4	−19.9	87.7	346.8
610	B50R_087_037dd	0.875	0.5	0.875	0.875	0.375	0.687	330	0.875	0.5	0.875	69.1	35.3	−21.9	41.6	328.2	0.884	0.605	0.865	69.0	35.4	−22.0	41.7	328.1	0.2	330	1.0	0.0	1.0	57.2	94.3	−58.4	110.9	328.2
611	B38R_100_050dd	0.875	0.5	1.0	1.0	0.5	0.75	316	0.883	0.5	1.0	71.6	43.2	−37.0	56.9	319.4	0.914	0.612	1.0	71.4	43.0	−36.2	56.2	319.8	0.7	317	0.766	0.0	1.0	47.9	86.4	−74.0	113.8	319.4
612	R73Y_087_087dd	0.875	0.625	0.0	0.875	0.875	0.437	74	0.875	0.641	0.0	66.7	10.5	69.4	70.2	81.3	0.862	0.632	0.036	66.6	10.6	69.7	70.5	81.3	0.3	75	1.0	0.733	0.0	76.2	12.0	79.3	80.2	81.3
613	R68Y_087_075dd	0.875	0.625	0.125	0.875	0.75	0.5	71	0.875	0.637	0.125	67.0	13.8	58.2	59.8	76.5	0.877	0.626	0.215	66.8	13.9	58.5	60.1	76.5	0.3	71	1.0	0.683	0.0	73.4	18.5	77.6	79.8	76.5
614	R61Y_087_062dd	0.875	0.625	0.25	0.875	0.625	0.562	67	0.875	0.635	0.25	67.4	16.7	46.8	49.7	70.2	0.888	0.624	0.327	67.2	16.8	46.7	49.7	70.1	0.1	67	1.0	0.616	0.0	69.6	26.8	74.8	79.5	70.2
615	R50Y_087_050dd	0.875	0.625	0.375	0.875	0.5	0.625	60	0.875	0.625	0.375	67.6	20.6	35.5	41.1	59.7	0.9	0.616	0.422	67.4	20.8	35.2	40.9	59.4	0.3	59	1.0	0.5	0.0	63.6	41.3	71.0	82.2	59.7
616	R31Y_087_037dd	0.875	0.625	0.5	0.875	0.375	0.687	49	0.875	0.618	0.5	68.8	22.7	25.2	33.9	47.9	0.911	0.625	0.512	68.6	22.9	24.8	33.8	47.2	0.4	48	1.0	0.316	0.0	56.2	60.6	67.2	90.5	47.9
617	R00Y_087_025dd	0.875	0.625	0.625	0.875	0.25	0.75	390	0.875	0.625	0.625	72.2	19.2	16.1	25.1	40.0	0.913	0.675	0.614	72.0	19.3	16.0	25.1	39.6	0.2	389	1.0	0.0	0.0	50.4	76.9	64.5	100.4	40.0
618	R00Y_087_025dd	0.875	0.625	0.75	0.875	0.25	0.75	360	0.875	0.625	0.75	72.6	20.2	1.0	20.3	2.9	0.888	0.681	0.731	72.4	20.3	0.9	20.3	2.6	0.2	360	1.0	0.0	0.5	52.0	81.1	4.1	81.2	2.9
619	B50R_087_025dd	0.875	0.625	0.875	0.875	0.25	0.75	330	0.875	0.625	0.875	73.9	23.5	−14.6	27.7	328.2	0.879	0.692	0.864	73.7	23.6	−14.7	27.8	328.0	0.2	330	1.0	0.0	1.0	57.2	94.3	−58.4	110.9	328.2
620	B34R_100_037dd	0.875	0.625	1.0	1.0	0.375	0.812	311	0.881	0.625	1.0	76.4	31.5	−29.7	43.3	316.7	0.912	0.701	1.0	76.2	31.3	−28.9	42.6	317.2	0.8	311	0.683	0.0	1.0	44.8	84.1	−79.2	115.5	316.7
621	R86Y_087_087dd	0.875	0.75	0.0	0.875	0.875	0.437	82	0.875	0.758	0.0	73.7	−4.0	74.2	74.3	93.1	0.862	0.745	0.045	73.6	−4.0	74.5	74.7	93.1	0.3	82	1.0	0.866	0.0	84.3	−4.6	84.8	84.9	93.1
622	R85Y_087_075dd	0.875	0.75	0.125	0.875	0.75	0.5	81	0.875	0.762	0.125	74.4	−1.8	63.2	63.2	91.7	0.874	0.748	0.242	74.3	−1.8	63.1	63.1	91.6	0.1	81	1.0	0.85	0.0	83.3	−2.5	84.2	84.3	91.7
623	R81Y_087_062dd	0.875	0.75	0.25	0.875	0.625	0.562	79	0.875	0.76	0.25	74.6	1.0	51.8	51.8	88.7	0.884	0.745	0.355	74.5	1.1	51.7	51.7	88.7	0.1	80	1.0	0.816	0.0	81.2	1.7	82.9	83.0	88.7
624	R76Y_087_050dd	0.875	0.75	0.375	0.875	0.5	0.625	76	0.875	0.758	0.375	74.9	3.9	40.3	40.5	84.4	0.888	0.742	0.455	74.7	3.9	40.1	40.3	84.3	0.2	77	1.0	0.766	0.0	78.2	7.8	80.6	81.0	84.4
625	R68Y_087_037dd	0.875	0.75	0.5	0.875	0.375	0.687	71	0.875	0.756	0.5	75.2	6.9	29.1	29.9	76.5	0.893	0.741	0.547	75.1	6.9	28.9	29.7	76.4	0.2	71	1.0	0.683	0.0	73.4	18.5	77.6	79.8	76.5
626	R50Y_087_025dd	0.875	0.75	0.625	0.875	0.25	0.75	60	0.875	0.75	0.625	75.5	10.3	17.7	20.5	59.7	0.896	0.737	0.636	75.4	10.3	17.7	20.5	59.7	0.1	59	1.0	0.5	0.0	63.6	41.3	71.0	82.2	59.7
627	R00Y_087_012dd	0.875	0.75	0.75	0.875	0.125	0.812	390	0.875	0.75	0.75	77.8	9.6	8.0	12.5	40.0	0.893	0.768	0.735	77.7	9.5	8.0	12.5	40.0	0.1	389	1.0	0.0	0.0	50.4	76.9	64.5	100.4	40.0
628	B50R_087_012dd	0.875	0.75	0.875	0.875	0.125	0.812	330	0.875	0.75	0.875	78.7	11.7	−7.3	13.8	328.2	0.872	0.777	0.862	78.6	11.7	−7.3	13.8	327.9	0.1	330	1.0	0.0	1.0	57.2	94.3	−58.4	110.9	328.2
629	B25R_100_025dd	0.875	0.75	1.0	1.0	0.25	0.875	300	0.875	0.75	1.0	81.2	19.9	−22.4	30.0	311.6	0.907	0.788	1.0	81.0	19.6	−21.6	29.2	312.1	0.8	300	0.5	0.0	1.0	38.5	79.8	−89.7	120.0	311.6
630	Y00G_087_087dd	0.875	0.875	0.0	0.875	0.875	0.437	90	0.875	0.875	0.0	81.0	−18.1	79.4	81.4	102.8	0.861	0.859	0.056	80.9	−18.2	79.7	81.8	102.8	0.3	89	1.0	1.0	0.0	92.6	−20.7	90.7	93.0	102.8
631	Y00G_087_075dd	0.875	0.875	0.125	0.875	0.75	0.5	90	0.875	0.875	0.125	81.4	−15.5	68.0	69.8	102.8	0.871	0.859	0.264	81.3	−15.5	68.0	69.8	102.8	0.0	89	1.0	1.0	0.0	92.6	−20.7	90.7	93.0	102.8
632	Y00G_087_062dd	0.875	0.875	0.25	0.875	0.625	0.562	90	0.875	0.875	0.25	81.7	−12.9	56.7	58.1	102.8	0.88	0.859	0.385	81.7	−12.9	56.5	58.0	102.9	0.1	89	1.0	1.0	0.0	92.6	−20.7	90.7	93.0	102.8
633	Y00G_087_050dd	0.875	0.875	0.375	0.875	0.5	0.625	90	0.875	0.875	0.375	82.1	−10.3	45.3	46.5	102.8	0.883	0.858	0.488	82.0	−10.3	45.1	46.3	102.9	0.2	89	1.0	1.0	0.0	92.6	−20.7	90.7	93.0	102.8
634	Y00G_087_037dd	0.875	0.875	0.5	0.875	0.375	0.687	90	0.875	0.875	0.5	82.4	−7.7	34.0	34.9	102.8	0.883	0.858	0.582	82.3	−7.8	34.0	34.9	103.0	0.1	89	1.0	1.0	0.0	92.6	−20.7	90.7	93.0	102.8
635	Y00G_087_025dd	0.875	0.875	0.625	0.875	0.25	0.75	90	0.875	0.875	0.625	82.7	−5.1	22.6	23.2	102.8	0.879	0.858	0.675	82.7	−5.3	22.7	23.3	103.1	0.1	89	1.0	1.0	0.0	92.6	−20.7	90.7	93.0	102.8
636	Y00G_087_012dd	0.875	0.875	0.75	0.875	0.125	0.812	90	0.875	0.875	0.75	83.1	−2.5	11.3	11.6	102.8	0.872	0.859	0.768	83.0	−2.6	11.3	11.6	103.2	0.1	89	1.0	1.0	0.0	92.6	−20.7	90.7	93.0	102.8
637	NW_087dd	0.875	0.875	0.875	0.875	0.0	0.875	360	0.875	0.875	0.875	83.4	0.0	0.0	0.0	0.0	0.858	0.86	0.86	83.3	0.0	0.0	0.1	212.6	0.1	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
638	B00R_100_012dd	0.875	0.875	1.0	1.0	0.125	0.937	270	0.875	0.875	1.0	87.2	9.5	−12.9	16.0	306.2	0.932	0.883	1.0	87.1	9.2	−12.3	15.3	306.7	0.6	270	0.0	0.0	1.0	30.3	76.0	−103.5	128.5	306.2
639	Y11G_100_100dd	0.875	1.0	0.0	1.0	1.0	0.5	97	0.883	1.0	0.0	90.5	−32.2	88.3	94.0	110.0	0.882	1.0	0.0	90.5	−32.3	88.2	93.9	110.1	0.0	96	0.883	1.0	0.0	90.5	−32.2	88.3	94.0	110.0
640	Y13G_100_087dd	0.875	1.0	0.125	1.0	0.875	0.562	98	0.883	1.0	0.125	90.9	−29.6	77.0	82.5	111.0	0.893	0.999	0.268	90.9	−29.7	77.0	82.6	111.0	0.1	97	0.866	1.0	0.0	90.3	−33.8	88.0	94.3	111.0
641	Y15G_100_075dd	0.875	1.0	0.25	1.0	0.75	0.625	99	0.887	1.0	0.25	91.4	−26.5	65.8	71.0	111.9	0.906	0.999	0.4	91.3	−26.6	65.7	70.9	112.0	0.1	97	0.85	1.0	0.0	90.0	−35.4	87.7	94.6	111.9
642	Y18G_100_062dd	0.875	1.0	0.375	1.0	0.625	0.687	101	0.885	1.0	0.375	91.7	−24.1	54.5	59.6	113.8	0.91	1.0	0.511	91.6	−24.1	54.2	59.4	113.9	0.2	99	0.816	1.0	0.0	89.5	−38.6	87.2	95.4	113.8
643	Y23G_100_050dd	0.875	1.0	0.5	1.0	0.5	0.75	104	0.883	1.0	0.5	92.1	−21.6	43.1	48.2	116.6	0.909	1.0	0.61	91.9	−21.6	43.1	48.2	116.6	0.1	102	0.766	1.0	0.0	88.7	−43.3	86.2	96.5	116.6
644	Y31G_100_037dd	0.875	1.0	0.625	1.0	0.375	0.812	109	0.881	1.0	0.625	92.5	−19.0	31.8	37.1	120.8	0.907	1.0	0.708	92.3	−18.9	31.7	36.9	120.7	0.2	108	0.683	1.0	0.0	87.6	−50.7	84.9	98.9	120.8
645	Y50G_100_025dd	0.875	1.0	0.75	1.0	0.25	0.875	120	0.875	1.0	0.75	92.9	−16.3	20.6	26.2	128.3	0.902	1.0	0.805	92.6	−15.9	20.2	25.7	128.2	0.5	119	0.5	1.0	0.0	85.7	−65.2	82.4	105.1	128.3
646	G00B_100_012dd	0.875	1.0	0.875	1.0	0.125	0.937	150	0.875	1.0	0.875	93.9	−10.3	9.9	14.3	136.0	0.928	1.0	0.901	93.5	−9.9	9.5	13.7	136.1	0.7	149	0.0	1.0	0.0	83.6	−82.7	79.8	115.0	136.0
647	G50B_100_012dd	0.875	1.0	1.0	1.0	0.125	0.937	210	0.875	1.0	1.0	94.3	−5.7	−1.6	6.0	196.3	0.929	1.0	0.999	94.1	−5.6	−1.9	5.9	199.1	0.3	210	0.0	1.0	1.0	86.8	−46.1	−13.5	48.1	196.3

delta E'^* = **0.3**

5-1032634-F0 RN890-7N, 27/33-F

TUB-prøveplansje RN89; 16-trinns fargetonesirkel, cf=1
farger og fargeavstander, $\Delta E'^*$

input: $rgb/cmyk \rightarrow rgb_{dd}$
output: 3D-linearisering til rgb^*_{dd}

se lignende filer: http://130.149.60.45/~farbmetrik/RN89/RN89.HTM
teknisk informasjon: http://www.ps.bam.de eller http://130.149.60.45/~farbmetrik

5-1032634-F0

TUB registrering: 20150701-RN89/RN89L0FP.PDF /.PS TUB-material: code=rha4ta
anvendelse for måling av display output, ingen separasjon rgb* (RGB)

http://130.149.60.45/~farbmetrik/RN89/RN89L0FP.PDF /.PS; 3D-linearisering
F: 3D-linearisering RN89/RN89LJ30FP.DAT i fil (F), side 28/33

n	HIC*Fdd	rgb_Fdd			ict_Fdd			hsi_F,dd	rgb*Fdd			LabCh*Fdd					rgb'*Fdd			LabCh'*Fdd					DE'*Fdd	hsiM,dd	rgb*Mdd			LabCh*Mdd				
648	R00Y_100_100dd	1.0	0.0	0.0	1.0	1.0	0.5	390	1.0	0.0	0.0	50.4	76.9	64.5	100.4	40.0	1.0	0.0	0.0	50.4	76.9	64.5	100.4	39.9	0.0	389	1.0	0.0	0.0	50.4	76.9	64.5	100.4	40.0
649	R38Y_100_100dd	1.0	0.0	0.125	1.0	1.0	0.5	383	1.0	0.0	0.116	50.5	77.2	55.6	95.1	35.7	1.0	0.0	0.117	50.5	77.2	55.7	95.2	35.8	0.1	383	1.0	0.0	0.116	50.5	77.2	55.6	95.1	35.7
650	R26Y_100_100dd	1.0	0.0	0.25	1.0	1.0	0.5	376	1.0	0.0	0.233	50.8	78.0	41.2	88.2	27.8	1.0	0.0	0.234	50.8	77.8	41.2	88.1	27.9	0.1	377	1.0	0.0	0.233	50.8	78.0	41.2	88.2	27.8
651	R13Y_100_100dd	1.0	0.0	0.375	1.0	1.0	0.5	368	1.0	0.0	0.366	51.3	79.3	22.7	82.5	16.0	1.0	0.0	0.368	51.3	79.1	22.5	82.3	15.9	0.2	368	1.0	0.0	0.366	51.3	79.3	22.7	82.5	16.0
652	R00Y_100_100dd	1.0	0.0	0.5	1.0	1.0	0.5	360	1.0	0.0	0.5	52.0	81.1	4.1	81.2	2.9	1.0	0.0	0.5	52.0	81.1	4.1	81.2	2.9	0.0	360	1.0	0.0	0.5	52.0	81.1	4.1	81.2	2.9
653	B68R_100_100dd	1.0	0.0	0.625	1.0	1.0	0.5	352	1.0	0.0	0.633	53.0	83.9	−13.6	85.0	350.7	1.0	0.0	0.631	53.0	83.8	−13.5	84.9	350.8	0.1	351	1.0	0.0	0.633	53.0	83.9	−13.6	85.0	350.7
654	B61R_100_100dd	1.0	0.0	0.75	1.0	1.0	0.5	344	1.0	0.0	0.766	54.4	87.3	−30.6	92.5	340.6	1.0	0.0	0.765	54.3	87.1	−30.5	92.3	340.6	0.2	342	1.0	0.0	0.766	54.4	87.3	−30.6	92.5	340.6
655	B55R_100_100dd	1.0	0.0	0.875	1.0	1.0	0.5	337	1.0	0.0	0.883	55.7	90.6	−44.8	101.1	333.6	1.0	0.0	0.882	55.7	90.5	−44.8	101.0	333.6	0.0	336	1.0	0.0	0.883	55.7	90.6	−44.8	101.1	333.6
656	B50R_100_100dd	1.0	0.0	1.0	1.0	1.0	0.5	330	1.0	0.0	1.0	57.2	94.3	−58.4	110.9	328.2	1.0	0.0	1.0	57.2	94.3	−58.4	111.0	328.2	0.0	330	1.0	0.0	1.0	57.2	94.3	−58.4	110.9	328.2
657	R11Y_100_100dd	1.0	0.125	0.0	1.0	1.0	0.5	37	1.0	0.116	0.0	51.4	74.1	64.9	98.5	41.2	0.999	0.117	0.0	51.4	74.2	64.8	98.5	41.1	0.1	36	1.0	0.116	0.0	51.4	74.1	64.9	98.5	41.2
658	R00Y_100_087dd	1.0	0.125	0.125	1.0	0.875	0.562	390	1.0	0.125	0.125	56.1	67.3	56.4	87.8	40.0	1.0	0.25	0.125	54.1	67.0	57.6	88.4	40.7	2.2	389	1.0	0.0	0.0	50.4	76.9	64.5	100.4	40.0
659	R36Y_100_087dd	1.0	0.125	0.25	1.0	0.875	0.562	382	1.0	0.125	0.241	56.2	67.7	47.1	82.5	34.8	1.0	0.272	0.235	55.0	65.9	45.6	80.2	34.6	2.6	382	1.0	0.0	0.133	50.6	77.3	53.9	94.3	34.8
660	R23Y_100_087dd	1.0	0.125	0.375	1.0	0.875	0.562	374	1.0	0.125	0.358	56.4	68.5	32.2	75.7	25.1	1.0	0.273	0.349	55.4	67.0	30.5	73.7	24.4	2.4	375	1.0	0.0	0.266	50.9	78.3	36.8	86.6	25.1
661	R08Y_100_087dd	1.0	0.125	0.5	1.0	0.875	0.562	365	1.0	0.125	0.489	57.0	70.2	13.8	71.6	11.1	1.0	0.275	0.484	56.1	69.0	12.1	70.1	9.9	2.3	365	1.0	0.0	0.416	51.5	80.3	15.8	81.8	11.1
662	B70R_100_087dd	1.0	0.125	0.625	1.0	0.875	0.562	355	1.0	0.125	0.635	58.0	72.8	−6.0	73.0	355.2	1.0	0.279	0.623	57.1	71.7	−6.2	72.0	355.0	1.4	354	1.0	0.0	0.583	52.7	83.2	−6.9	83.5	355.2
663	B63R_100_087dd	1.0	0.125	0.75	1.0	0.875	0.562	346	1.0	0.125	0.766	59.2	75.6	−23.1	79.1	342.9	1.0	0.286	0.765	58.5	75.1	−24.1	78.8	342.1	1.3	344	1.0	0.0	0.733	54.0	86.5	−26.4	90.4	342.9
664	B56R_100_087dd	1.0	0.125	0.875	1.0	0.875	0.562	338	1.0	0.125	0.883	60.5	78.8	−37.5	87.3	334.5	1.0	0.291	0.884	59.9	78.5	−38.4	87.4	333.9	1.1	337	1.0	0.0	0.866	55.5	90.1	−42.8	99.8	334.5
665	B50R_100_087dd	1.0	0.125	1.0	1.0	0.875	0.562	330	1.0	0.125	1.0	62.0	82.5	−51.1	97.1	328.2	1.0	0.297	1.0	61.4	82.2	−51.7	97.1	327.8	0.9	330	1.0	0.0	1.0	57.2	94.3	−58.4	110.9	328.2
666	R23Y_100_100dd	1.0	0.25	0.0	1.0	1.0	0.5	44	1.0	0.233	0.0	53.7	67.6	65.8	94.4	44.2	0.999	0.234	0.0	53.6	67.8	65.8	94.5	44.1	0.2	42	1.0	0.233	0.0	53.7	67.6	65.8	94.4	44.2
667	R13Y_100_087dd	1.0	0.25	0.125	1.0	0.875	0.562	38	1.0	0.241	0.125	57.1	64.2	56.9	85.8	41.5	1.0	0.307	0.157	55.9	62.5	55.7	83.7	41.7	2.4	37	1.0	0.133	0.0	51.7	73.4	65.0	98.0	41.5
668	R00Y_100_075dd	1.0	0.25	0.25	1.0	0.75	0.625	390	1.0	0.25	0.25	61.7	57.7	48.4	75.3	40.0	1.0	0.375	0.25	58.5	56.6	47.5	73.9	39.9	3.4	389	1.0	0.0	0.0	50.4	76.9	64.5	100.4	40.0
669	R35Y_100_075dd	1.0	0.25	0.375	1.0	0.75	0.625	381	1.0	0.25	0.362	61.8	58.2	38.8	69.9	33.6	1.0	0.407	0.35	60.1	54.4	36.2	65.3	33.6	4.9	382	1.0	0.0	0.15	50.6	77.6	51.7	93.3	33.6
670	R18Y_100_075dd	1.0	0.25	0.5	1.0	0.75	0.625	371	1.0	0.25	0.487	62.1	59.3	22.3	63.4	20.6	1.0	0.409	0.475	60.7	56.2	19.8	59.6	19.4	4.2	371	1.0	0.0	0.316	51.1	79.1	29.7	84.5	20.6
671	R00Y_100_075dd	1.0	0.25	0.625	1.0	0.75	0.625	360	1.0	0.25	0.625	62.9	60.8	3.1	60.9	2.9	1.0	0.416	0.616	61.7	58.7	1.5	58.7	1.5	2.8	360	1.0	0.0	0.5	52.0	81.1	4.1	81.2	2.9
672	B65R_100_075dd	1.0	0.25	0.75	1.0	0.75	0.625	349	1.0	0.25	0.762	64.0	64.1	−14.9	65.8	346.8	1.0	0.421	0.749	62.9	62.0	−15.1	63.8	346.2	2.3	348	1.0	0.0	0.683	53.5	85.4	−19.9	87.7	346.8
673	B57R_100_075dd	1.0	0.25	0.875	1.0	0.75	0.625	339	1.0	0.25	0.887	65.3	67.3	−30.5	73.9	335.5	1.0	0.428	0.888	64.5	66.0	−31.8	73.3	334.2	2.0	337	1.0	0.0	0.85	55.3	89.8	−40.7	98.6	335.5
674	B50R_100_075dd	1.0	0.25	1.0	1.0	0.75	0.625	330	1.0	0.25	1.0	66.8	70.7	−43.8	83.2	328.2	1.0	0.436	1.0	66.0	69.5	−44.5	82.5	327.3	1.6	330	1.0	0.0	1.0	57.2	94.3	−58.4	110.9	328.2
675	R36Y_100_100dd	1.0	0.375	0.0	1.0	1.0	0.5	52	1.0	0.366	0.0	57.9	56.2	67.9	88.1	50.3	0.999	0.368	0.0	57.9	56.1	67.8	88.0	50.3	0.0	51	1.0	0.366	0.0	57.9	56.2	67.9	88.1	50.3
676	R26Y_100_087dd	1.0	0.375	0.125	1.0	0.875	0.562	46	1.0	0.358	0.125	59.7	57.0	58.0	81.3	45.5	1.0	0.376	0.166	58.4	55.8	56.9	79.8	45.5	2.0	44	1.0	0.266	0.0	54.6	65.1	66.3	93.0	45.5
677	R15Y_100_075dd	1.0	0.375	0.25	1.0	0.75	0.625	39	1.0	0.362	0.25	62.8	54.3	48.9	73.1	41.9	1.0	0.436	0.25	61.0	49.9	50.0	70.7	45.0	4.8	37	1.0	0.15	0.0	52.0	72.4	65.2	97.4	41.9
678	R00Y_100_062dd	1.0	0.375	0.375	1.0	0.625	0.687	390	1.0	0.375	0.375	67.3	48.0	40.3	62.7	40.0	1.0	0.5	0.375	64.2	44.1	38.0	58.3	40.7	5.4	389	1.0	0.0	0.0	50.4	76.9	64.5	100.4	40.0
679	R31Y_100_062dd	1.0	0.375	0.5	1.0	0.625	0.687	379	1.0	0.375	0.489	67.4	48.7	29.7	57.0	31.3	1.0	0.501	0.473	64.7	45.7	25.4	52.3	29.1	5.8	380	1.0	0.0	0.183	50.7	77.9	47.5	91.2	31.3
680	R11Y_100_062dd	1.0	0.375	0.625	1.0	0.625	0.687	367	1.0	0.375	0.614	67.9	49.6	12.8	51.3	14.4	1.0	0.525	0.598	66.4	45.7	10.7	47.0	13.1	4.6	367	1.0	0.0	0.383	51.4	79.5	20.4	82.1	14.4
681	B69R_100_062dd	1.0	0.375	0.75	1.0	0.625	0.687	353	1.0	0.375	0.76	68.8	52.2	−7.1	52.7	352.1	1.0	0.532	0.749	67.7	49.4	−7.9	50.0	350.8	3.1	352	1.0	0.0	0.616	52.9	83.6	−11.4	84.3	352.1
682	B59R_100_062dd	1.0	0.375	0.875	1.0	0.625	0.687	341	1.0	0.375	0.885	70.1	55.5	−22.8	60.1	337.6	1.0	0.538	0.885	69.2	53.4	−24.3	58.7	335.5	2.7	339	1.0	0.0	0.816	54.9	88.9	−36.6	96.2	337.6
683	B50R_100_062dd	1.0	0.375	1.0	1.0	0.625	0.687	330	1.0	0.375	1.0	71.5	58.9	−36.5	69.3	328.2	1.0	0.547	1.0	70.7	57.0	−37.2	68.1	326.8	2.2	330	1.0	0.0	1.0	57.2	94.3	−58.4	110.9	328.2
684	R50Y_100_100dd	1.0	0.5	0.0	1.0	1.0	0.5	60	1.0	0.5	0.0	63.6	41.3	71.0	82.2	59.7	1.0	0.501	0.0	63.7	41.1	71.0	82.1	59.9	0.2	59	1.0	0.5	0.0	63.6	41.3	71.0	82.2	59.7
685	R41Y_100_087dd	1.0	0.5	0.125	1.0	0.875	0.562	55	1.0	0.489	0.125	64.4	44.4	60.6	75.1	53.7	1.0	0.499	0.18	63.8	42.0	60.3	73.5	55.1	2.4	54	1.0	0.416	0.0	60.0	50.7	69.3	85.9	53.7
686	R31Y_100_075dd	1.0	0.5	0.25	1.0	0.75	0.625	49	1.0	0.487	0.25	66.0	45.5	50.4	67.9	47.9	1.0	0.501	0.295	64.1	42.8	47.9	64.3	48.2	4.0	48	1.0	0.316	0.0	56.2	60.6	67.2	90.5	47.9
687	R18Y_100_062dd	1.0	0.5	0.375	1.0	0.625	0.687	41	1.0	0.489	0.375	68.7	44.0	40.9	60.1	42.8	1.0	0.5	0.375	64.2	44.1	38.0	58.3	40.7	5.3	39	1.0	0.183	0.0	52.7	70.5	65.5	96.2	42.8
688	R00Y_100_050dd	1.0	0.5	0.5	1.0	0.5	0.75	390	1.0	0.5	0.5	72.9	38.4	32.2	50.2	40.0	1.0	0.62	0.501	70.8	31.6	29.6	43.4	43.1	7.5	389	1.0	0.0	0.0	50.4	76.9	64.5	100.4	40.0
689	R26Y_100_050dd	1.0	0.5	0.625	1.0	0.5	0.75	376	1.0	0.5	0.616	73.1	39.0	20.6	44.1	27.8	1.0	0.622	0.595	71.3	33.6	18.0	38.1	28.1	6.2	377	1.0	0.0	0.233	50.8	78.0	41.2	88.2	27.8
690	R00Y_100_050dd	1.0	0.5	0.75	1.0	0.5	0.75	360	1.0	0.5	0.75	73.7	40.5	2.0	40.6	2.9	1.0	0.623	0.739	72.2	37.8	0.0	37.8	359.8	3.8	360	1.0	0.0	0.5	52.0	81.1	4.1	81.2	2.9
691	B61R_100_050dd	1.0	0.5	0.875	1.0	0.5	0.75	344	1.0	0.5	0.883	74.9	43.6	−15.3	46.2	340.6	1.0	0.625	0.875	73.3	42.5	−16.6	45.6	338.6	2.3	342	1.0	0.0	0.766	54.4	87.3	−30.6	92.5	340.6
692	B50R_100_050dd	1.0	0.5	1.0	1.0	0.5	0.75	330	1.0	0.5	1.0	76.3	47.1	−29.2	55.4	328.2	1.0	0.646	1.0	75.4	45.0	−29.9	54.0	326.3	2.4	330	1.0	0.0	1.0	57.2	94.3	−58.4	110.9	328.2
693	R63Y_100_100dd	1.0	0.625	0.0	1.0	1.0	0.5	68	1.0	0.633	0.0	70.5	24.7	75.4	79.4	71.8	1.0	0.631	0.0	70.4	24.9	75.2	79.3	71.6	0.2	68	1.0	0.633	0.0	70.5	24.7	75.4	79.4	71.8
694	R58Y_100_087dd	1.0	0.625	0.125	1.0	0.875	0.562	65	1.0	0.635	0.125	71.3	27.1	64.8	70.2	67.2	1.0	0.623	0.203	70.1	26.8	64.0	69.4	67.2	1.4	65	1.0	0.583	0.0	67.9	31.0	74.0	80.3	67.2
695	R50Y_100_075dd	1.0	0.625	0.25	1.0	0.75	0.625	60	1.0	0.625	0.25	71.6	31.0	53.2	61.6	59.7	1.0	0.623	0.321	70.4	28.0	51.8	58.9	61.5	3.4	59	1.0	0.5	0.0	63.6	41.3	71.0	82.2	59.7
696	R38Y_100_062dd	1.0	0.625	0.375	1.0	0.625	0.687	53	1.0	0.614	0.375	72.3	34.0	42.6	54.6	51.3	1.0	0.623	0.42	70.6	29.6	40.1	49.9	53.5	5.3	52	1.0	0.383	0.0	58.5	54.5	68.2	87.3	51.3
697	R23Y_100_050dd	1.0	0.625	0.5	1.0	0.5	0.75	44	1.0	0.616	0.5	74.5	33.8	32.9	47.2	44.2	1.0	0.625	0.5	71.0	31.0	30.2	43.3	44.3	5.2	42	1.0	0.233	0.0	53.7	67.6	65.8	94.4	44.2
698	R00Y_100_037dd	1.0	0.625	0.625	1.0	0.375	0.812	390	1.0	0.625	0.625	78.5	28.8	24.2	37.6	40.0	1.0	0.717	0.623	76.6	22.3	21.6	31.0	44.1	7.2	389	1.0	0.0	0.0	50.4	76.9	64.5	100.4	40.0
699	R18Y_100_037dd	1.0	0.625	0.75	1.0	0.375	0.812	371	1.0	0.625	0.743	78.8	29.6	11.1	31.7	20.6	1.0	0.72	0.726	77.3	25.0	9.1	26.6	20.0	5.2	371	1.0	0.0	0.316	51.1	79.1	29.7	84.5	20.6
700	B65R_100_037dd	1.0	0.625	0.875	1.0	0.375	0.812	349	1.0	0.625	0.881	79.7	32.0	−7.4	32.9	346.8	1.0	0.728	0.878	78.8	29.4	−8.8	30.7	343.3	3.0	348	1.0	0.0	0.683	53.5	85.4	−19.9	87.7	346.8
701	B50R_100_037dd	1.0	0.625	1.0	1.0	0.375	0.812	330	1.0	0.625	1.0	81.1	35.3	−21.9	41.6	328.2	1.0	0.739	1.0	80.3	33.1	−22.4	40.0	325.8	2.4	330	1.0	0.0	1.0	57.2	94.3	−58.4	110.9	328.2
702	R76Y_100_100dd	1.0	0.75	0.0	1.0	1.0	0.5	76	1.0	0.766	0.0	78.2	7.8	80.6	81.0	84.4	1.0	0.765	0.0	78.1	7.9	80.4	80.8	84.3	0.2	77	1.0	0.766	0.0	78.2	7.8	80.6	81.0	84.4
703	R73Y_100_087dd	1.0	0.75	0.125	1.0	0.875	0.562	74	1.0	0.766	0.125	78.6	10.5	69.4	70.2	81.3	1.0	0.764	0.228	78.2	9.0	69.1	69.7	82.5	1.5	75	1.0	0.733	0.0	76.2	12.0	79.3	80.2	81.3
704	R68Y_100_075dd	1.0	0.75	0.25	1.0	0.75	0.625	71	1.0	0.762	0.25	78.9	13.8	58.2	59.8	76.5	1.0	0.749	0.349	77.5	12.4	56.6	57.9	77.6	2.5	71	1.0	0.683	0.0	73.4	18.5	77.6	79.8	76.5
705	R61Y_100_062dd	1.0	0.75	0.375	1.0	0.625	0.687	67	1.0	0.76	0.375	79.3	16.7	46.8	49.7	70.2	1.0	0.749	0.454	77.8	14.2	44.6	46.9	72.3	3.6	67	1.0	0.616	0.0	69.6	26.8	74.8	79.5	70.2
706	R50Y_100_050dd	1.0	0.75	0.5	1.0	0.5	0.75	60	1.0	0.75	0.5	79.5	20.6	35.5	41.1	59.7	1.0	0.749	0.547	78.1	16.2	33.4	37.2	64.1	5.0	59	1.0	0.5	0.0	63.6	41.3	71.0	82.2	59.7
707	R31Y_100_037dd	1.0	0.75	0.625	1.0	0.375	0.812	49	1.0	0.743	0.625	80.7	22.7	25.2	33.9	47.9	1.0	0.75	0.625	78.5	18.1	24.0	30.0	52.9	5.2	48	1.0	0.316	0.0	56.2	60.6	67.2	90.5	47.9
708	R00Y_100_025dd	1.0	0.75	0.75	1.0	0.25	0.875	390	1.0	0.75	0.75	84.1	19.2	16.1	25.1	40.0	1.0	0.812	0.746	82.7	13.8	14.1	19.7	45.5	5.8	389	1.0	0.0	0.0	50.4	76.9	64.5	100.4	40.0
709	R00Y_100_025dd	1.0	0.75	0.875	1.0	0.25	0.875	360	1.0	0.75	0.875	84.5	20.2	1.0	20.3	2.9	1.0	0.817	0.867	83.7	17.5	−0.1	17.5	359.6	3.0	360	1.0	0.0	0.5	52.0	81.1	4.1	81.2	2.9
710	B50R_100_025dd	1.0	0.75	1.0	1.0	0.25	0.875	330	1.0	0.75	1.0	85.8	23.5	−14.6	27.7	328.2	1.0	0.828	1.0	85.2	21.7	−14.9	26.3	325.3	2.0	330	1.0	0.0	1.0	57.2	94.3	−58.4	110.9	328.2
711	R88Y_100_100dd	1.0	0.875	0.0	1.0	1.0	0.5	83	1.0	0.883	0.0	85.3	−6.7	85.5	85.8	94.4	1.0	0.882	0.0	85.2	−6.7	85.4	85.6	94.4	0.1	83	1.0	0.883	0.0	85.3	−6.7	85.5	85.8	94.4
712	R86Y_100_087dd	1.0	0.875	0.125	1.0	0.875	0.562	82	1.0	0.883	0.125	85.6	−4.0	74.2	74.3	93.1	1.0	0.875	0.25	84.9	−4.5	73.6	73.7	93.5	1.0	82	1.0	0.866	0.0	84.3	−4.6	84.8	84.9	93.1
713	R85Y_100_075dd	1.0	0.875	0.25	1.0	0.75	0.625	81	1.0	0.887	0.25	86.3	−1.8	63.2	63.2	91.7	1.0	0.875	0.375	85.1	−3.0	62.1	62.2	92.7	1.9	81	1.0	0.85	0.0	83.3	−2.5	84.2	84.3	91.7
714	R81Y_100_062dd	1.0	0.875	0.375	1.0	0.625	0.687	79	1.0	0.885	0.375	86.5	1.0	51.8	51.8	88.7	1.0	0.874	0.485	85.4	−0.9	50.1	50.1	91.1	2.9	80	1.0	0.816	0.0	81.2	1.7	82.9	83.0	88.7
715	R76Y_100_050dd	1.0	0.875	0.5	1.0	0.5	0.75	76	1.0	0.883	0.5	86.8	3.9	40.3	40.5	84.4	1.0	0.874	0.582	85.7	1.2	38.9	38.9	88.2	3.2	77	1.0	0.766	0.0	78.2	7.8	80.6	81.0	84.4
716	R68Y_100_037dd	1.0	0.875	0.625	1.0	0.375	0.812	71	1.0	0.881	0.625	87.1	6.9	29.1	29.9	76.5	1.0	0.874	0.675	86.1	3.7	27.7	28.0	82.2	3.5	71	1.0	0.683	0.0	73.4	18.5	77.6	79.8	76.5
717	R50Y_100_025dd	1.0	0.875	0.75	1.0	0.25	0.875	60	1.0	0.875	0.75	87.4	10.3	17.7	20.5	59.7	1.0	0.874	0.769	86.5	6.7	16.4	17.8	67.6	3.9	59	1.0	0.5	0.0	63.6	41.3	71.0	82.2	59.7
718	R00Y_100_012dd	1.0	0.875	0.875	1.0	0.125	0.937	390	1.0	0.875	0.875	89.7	9.6	8.0	12.5	40.0	1.0	0.906	0.871	89.0	6.4	6.9	9.4	47.1	3.4	389	1.0	0.0	0.0	50.4	76.9	64.5	100.4	40.0
719	B50R_100_012dd	1.0	0.875	1.0	1.0	0.125	0.937	330	1.0	0.875	1.0	90.6	11.7	−7.3	13.8	328.2	1.0	0.914	1.0	90.3	10.6	−7.4	13.0	324.9	1.2	330	1.0	0.0	1.0	57.2	94.3	−58.4	110.9	328.2
720	Y00G_100_100dd	1.0	1.0	0.0	1.0	1.0	0.5	90	1.0	1.0	0.0	92.6	−20.7	90.7	93.0	102.8	1.0	1.0	0.0	92.6	−20.6	90.7	93.0	102.8	0.0	89	1.0	1.0	0.0	92.6	−20.7	90.7	93.0	102.8
721	Y00G_100_087dd	1.0	1.0	0.125	1.0	0.875	0.562	90	1.0	1.0	0.125	93.0	−18.1	79.4	81.4	102.8	1.0	0.999	0.271	92.7	−19.2	79.2	81.5	103.6	1.1	89	1.0	1.0	0.0	92.6	−20.7	90.7	93.0	102.8
722	Y00G_100_075dd	1.0	1.0	0.25	1.0	0.75	0.625	90	1.0	1.0	0.25	93.3	−15.5	68.0	69.8	102.8	1.0	0.999	0.404	92.9	−17.5	67.5	69.7	104.5	2.0	89	1.0	1.0	0.0	92.6	−20.7	90.7	93.0	102.8
723	Y00G_100_062dd	1.0	1.0	0.375	1.0	0.625	0.687	90	1.0	1.0	0.375	93.6	−12.9	56.7	58.1	102.8	1.0	0.998	0.516	93.2	−15.4	55.9	58.0	105.4	2.6	89	1.0	1.0	0.0	92.6	−20.7	90.7	93.0	102.8
724	Y00G_100_050dd	1.0	1.0	0.5	1.0	0.5	0.75	90	1.0	1.0	0.5	94.0	−10.3	45.3	46.5	102.8	1.0	0.998	0.616	93.5	−13.0	44.7	46.6	106.2	2.8	89	1.0	1.0	0.0	92.6	−20.7	90.7	93.0	102.8
725	Y00G_100_037dd	1.0	1.0	0.625	1.0	0.375	0.812	90	1.0	1.0	0.625	94.3	−7.7	34.0	34.9	102.8	1.0	0.998	0.714	93.8	−10.3	33.4	35.0	107.1	2.6	89	1.0	1.0	0.0	92.6	−20.7	90.7	93.0	102.8
726	Y00G_100_025dd	1.0	1.0	0.75	1.0	0.25	0.875	90	1.0	1.0	0.75	94.7	−5.1	22.6	23.2	102.8	1.0	0.998	0.81	94.3	−7.2	22.1	23.3	108.0	2.1	89	1.0	1.0	0.0	92.6	−20.7	90.7	93.0	102.8
727	Y00G_100_012dd	1.0	1.0	0.875	1.0	0.125	0.937	90	1.0	1.0	0.875	95.0	−2.5	11.3	11.6	102.8	1.0	0.999	0.905	94.8	−3.7	11.0	11.6	108.8	1.2	89	1.0	1.0	0.0	92.6	−20.7	90.7	93.0	102.8
728	NW_100dd	1.0	1.0	1.0	1.0	0.0	1.0	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0	1.0	1.0	1.0	95.4	0.0	0.0	0.0	325.2	0.0	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0

delta E'^* = 2.5

5-1032734-F0 RN890-7N, 28/33-F

TUB-prøveplansje RN89; 16-trinns fargetonesirkel, cf=1
farger og fargeavstander, $\Delta E'^*$

input: $rgb/cmyk$ −> rgb_{dd}
output: 3D-linearisering til rgb^*_{dd}

5-1032734-F0

TUB registrering: 20150701-RN89/RN89L0FP.PDF /.PS TUB-material: code=rha4ta
anvendelse for måling av display output, ingen separasjon rgb* (RGB)

http://130.149.60.45/~farbmetrik/RN89/RN89L0FP.PDF /.PS; 3D-linearisering
F: 3D-linearisering RN89/RN89LJ30FP.DAT i fil (F), side 29/33

n	HIC^*_{Fdd}	rgb_{Fdd}			ict_{Fdd}			$h_{si\_F,dd}$	rgb^*_{Fdd}			$LabCh^*_{Fdd}$					rgb'^*_{Fdd}			$LabCh'^*_{Fdd}$					DE'^*_{Fdd}	$h_{siM,dd}$	rgb^*_{Mdd}			$LabCh^*_{Mdd}$				
729	NW_100dd	1.0	1.0	1.0	1.0	0.0	1.0	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0	1.0	1.0	1.0	95.4	0.0	0.0	0.0	325.2	0.0	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
730	G50B_100_012dd	0.875	1.0	1.0	1.0	0.125	0.937	210	0.875	1.0	1.0	94.3	−5.7	−1.6	6.0	196.3	0.929	1.0	0.999	94.1	−5.6	−1.9	5.9	199.1	0.3	210	0.0	1.0	1.0	86.8	−46.1	−13.5	48.1	196.3
731	G50B_100_025dd	0.75	1.0	1.0	1.0	0.25	0.875	210	0.75	1.0	1.0	93.2	−11.5	−3.3	12.0	196.3	0.856	1.0	0.999	93.0	−11.1	−3.7	11.7	198.6	0.5	210	0.0	1.0	1.0	86.8	−46.1	−13.5	48.1	196.3
732	G50B_100_037dd	0.625	1.0	1.0	1.0	0.375	0.812	210	0.625	1.0	1.0	92.2	−17.3	−5.0	18.0	196.3	0.778	1.0	0.999	91.8	−16.8	−5.5	17.7	198.2	0.7	210	0.0	1.0	1.0	86.8	−46.1	−13.5	48.1	196.3
733	G50B_100_050dd	0.5	1.0	1.0	1.0	0.5	0.75	210	0.5	1.0	1.0	91.1	−23.0	−6.7	24.0	196.3	0.693	1.0	0.999	90.7	−22.7	−7.3	23.8	197.8	0.7	210	0.0	1.0	1.0	86.8	−46.1	−13.5	48.1	196.3
734	G50B_100_062dd	0.375	1.0	1.0	1.0	0.625	0.687	210	0.375	1.0	1.0	90.0	−28.8	−8.4	30.0	196.3	0.6	1.0	0.999	89.7	−28.4	−8.9	29.8	197.4	0.7	210	0.0	1.0	1.0	86.8	−46.1	−13.5	48.1	196.3
735	G50B_100_075dd	0.25	1.0	1.0	1.0	0.75	0.625	210	0.25	1.0	1.0	89.0	−34.6	−10.1	36.1	196.3	0.495	1.0	0.999	88.7	−34.1	−10.5	35.7	197.1	0.6	210	0.0	1.0	1.0	86.8	−46.1	−13.5	48.1	196.3
736	G50B_100_087dd	0.125	1.0	1.0	1.0	0.875	0.562	210	0.125	1.0	1.0	87.9	−40.4	−11.8	42.1	196.3	0.348	1.0	0.999	87.7	−40.2	−12.1	42.0	196.7	0.3	210	0.0	1.0	1.0	86.8	−46.1	−13.5	48.1	196.3
737	G50B_100_100dd	0.0	1.0	1.0	1.0	1.0	0.5	210	0.0	1.0	1.0	86.8	−46.1	−13.5	48.1	196.3	0.0	1.0	1.0	86.8	−46.1	−13.5	48.1	196.3	0.0	210	0.0	1.0	1.0	86.8	−46.1	−13.5	48.1	196.3
738	R00Y_100_012dd	1.0	0.875	0.875	1.0	0.125	0.937	390	1.0	0.875	0.875	89.7	9.6	8.0	12.5	40.0	1.0	0.906	0.871	89.0	6.4	6.9	9.4	47.1	3.4	389	1.0	0.0	0.0	50.4	76.9	64.5	100.4	40.0
739	NW_087dd	0.875	0.875	0.875	0.875	0.0	0.875	360	0.875	0.875	0.875	83.4	0.0	0.0	0.0	0.0	0.858	0.86	0.86	83.3	0.0	0.0	0.1	212.6	0.1	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
740	G50B_087_012dd	0.75	0.875	0.875	0.875	0.125	0.812	210	0.75	0.875	0.875	82.4	−5.7	−1.6	6.0	196.3	0.79	0.862	0.859	82.3	−5.9	−1.7	6.1	196.1	0.1	210	0.0	1.0	1.0	86.8	−46.1	−13.5	48.1	196.3
741	G50B_087_025dd	0.625	0.875	0.875	0.875	0.25	0.75	210	0.625	0.875	0.875	81.3	−11.5	−3.3	12.0	196.3	0.718	0.863	0.86	81.2	−11.7	−3.4	12.2	196.4	0.2	210	0.0	1.0	1.0	86.8	−46.1	−13.5	48.1	196.3
742	G50B_087_037dd	0.5	0.875	0.875	0.875	0.375	0.687	210	0.5	0.875	0.875	80.2	−17.3	−5.0	18.0	196.3	0.641	0.864	0.86	80.1	−17.5	−5.1	18.2	196.4	0.2	210	0.0	1.0	1.0	86.8	−46.1	−13.5	48.1	196.3
743	G50B_087_050dd	0.375	0.875	0.875	0.875	0.5	0.625	210	0.375	0.875	0.875	79.2	−23.0	−6.7	24.0	196.3	0.555	0.864	0.859	79.1	−23.3	−6.8	24.3	196.2	0.2	210	0.0	1.0	1.0	86.8	−46.1	−13.5	48.1	196.3
744	G50B_087_062dd	0.25	0.875	0.875	0.875	0.625	0.562	210	0.25	0.875	0.875	78.1	−28.8	−8.4	30.0	196.3	0.458	0.863	0.86	78.0	−29.0	−8.5	30.2	196.3	0.1	210	0.0	1.0	1.0	86.8	−46.1	−13.5	48.1	196.3
745	G50B_087_075dd	0.125	0.875	0.875	0.875	0.75	0.5	210	0.125	0.875	0.875	77.0	−34.6	−10.1	36.1	196.3	0.33	0.862	0.86	77.0	−34.8	−10.2	36.3	196.3	0.2	210	0.0	1.0	1.0	86.8	−46.1	−13.5	48.1	196.3
746	G50B_087_087dd	0.0	0.875	0.875	0.875	0.875	0.437	210	0.0	0.875	0.875	76.0	−40.4	−11.8	42.1	196.3	0.087	0.86	0.86	75.9	−40.6	−11.9	42.3	196.3	0.2	210	0.0	1.0	1.0	86.8	−46.1	−13.5	48.1	196.3
747	R00Y_100_025dd	1.0	0.75	0.75	1.0	0.25	0.875	390	1.0	0.75	0.75	84.1	19.2	16.1	25.1	40.0	1.0	0.812	0.746	82.7	13.8	14.1	19.7	45.5	5.8	389	1.0	0.0	0.0	50.4	76.9	64.5	100.4	40.0
748	R00Y_087_012dd	0.875	0.75	0.75	0.875	0.125	0.812	390	0.875	0.75	0.75	77.8	9.6	8.0	12.5	40.0	0.893	0.768	0.735	77.7	9.5	8.0	12.5	40.0	0.1	389	1.0	0.0	0.0	50.4	76.9	64.5	100.4	40.0
749	NW_075dd	0.75	0.75	0.75	0.75	0.0	0.75	360	0.75	0.75	0.75	71.5	0.0	0.0	0.0	0.0	0.721	0.724	0.724	71.3	−0.1	0.0	0.2	207.8	0.2	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
750	G50B_075_012dd	0.625	0.75	0.75	0.75	0.125	0.687	210	0.625	0.75	0.75	70.4	−5.7	−1.6	6.0	196.3	0.656	0.726	0.723	70.3	−5.9	−1.7	6.2	196.0	0.2	210	0.0	1.0	1.0	86.8	−46.1	−13.5	48.1	196.3
751	G50B_075_025dd	0.5	0.75	0.75	0.75	0.25	0.625	210	0.5	0.75	0.75	69.4	−11.5	−3.3	12.0	196.3	0.585	0.727	0.724	69.2	−11.7	−3.4	12.2	196.4	0.3	210	0.0	1.0	1.0	86.8	−46.1	−13.5	48.1	196.3
752	G50B_075_037dd	0.375	0.75	0.75	0.75	0.375	0.562	210	0.375	0.75	0.75	68.3	−17.3	−5.0	18.0	196.3	0.511	0.728	0.724	68.2	−17.3	−5.0	18.0	196.3	0.1	210	0.0	1.0	1.0	86.8	−46.1	−13.5	48.1	196.3
753	G50B_075_050dd	0.25	0.75	0.75	0.75	0.5	0.5	210	0.25	0.75	0.75	67.2	−23.0	−6.7	24.0	196.3	0.42	0.727	0.723	67.1	−23.3	−6.7	24.3	196.2	0.2	210	0.0	1.0	1.0	86.8	−46.1	−13.5	48.1	196.3
754	G50B_075_062dd	0.125	0.75	0.75	0.75	0.625	0.437	210	0.125	0.75	0.75	66.2	−28.8	−8.4	30.0	196.3	0.306	0.726	0.723	66.0	−29.3	−8.5	30.5	196.2	0.4	210	0.0	1.0	1.0	86.8	−46.1	−13.5	48.1	196.3
755	G50B_075_075dd	0.0	0.75	0.75	0.75	0.75	0.375	210	0.0	0.75	0.75	65.1	−34.6	−10.1	36.1	196.3	0.131	0.725	0.724	65.0	−34.8	−10.1	36.2	196.2	0.2	210	0.0	1.0	1.0	86.8	−46.1	−13.5	48.1	196.3
756	R00Y_100_037dd	1.0	0.625	0.625	1.0	0.375	0.812	390	1.0	0.625	0.625	78.5	28.8	24.2	37.6	40.0	1.0	0.717	0.623	76.6	22.3	21.6	31.0	44.1	7.2	389	1.0	0.0	0.0	50.4	76.9	64.5	100.4	40.0
757	R00Y_087_025dd	0.875	0.625	0.625	0.875	0.25	0.75	390	0.875	0.625	0.625	72.2	19.2	16.1	25.1	40.0	0.913	0.675	0.614	72.0	19.3	16.0	25.1	39.6	0.2	389	1.0	0.0	0.0	50.4	76.9	64.5	100.4	40.0
758	R00Y_075_012dd	0.75	0.625	0.625	0.75	0.125	0.687	390	0.75	0.625	0.625	65.9	9.6	8.0	12.5	40.0	0.756	0.636	0.604	65.7	9.5	7.9	12.4	39.7	0.1	389	1.0	0.0	0.0	50.4	76.9	64.5	100.4	40.0
759	NW_062dd	0.625	0.625	0.625	0.625	0.0	0.625	360	0.625	0.625	0.625	59.6	0.0	0.0	0.0	0.0	0.59	0.593	0.594	59.4	−0.2	−0.1	0.3	206.3	0.3	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
760	G50B_062_012dd	0.5	0.625	0.625	0.625	0.125	0.562	210	0.5	0.625	0.625	58.5	−5.7	−1.6	6.0	196.3	0.528	0.595	0.594	58.4	−5.9	−1.7	6.1	196.6	0.2	210	0.0	1.0	1.0	86.8	−46.1	−13.5	48.1	196.3
761	G50B_062_025dd	0.375	0.625	0.625	0.625	0.25	0.5	210	0.375	0.625	0.625	57.4	−11.5	−3.3	12.0	196.3	0.458	0.596	0.594	57.3	−11.7	−3.4	12.2	196.4	0.2	210	0.0	1.0	1.0	86.8	−46.1	−13.5	48.1	196.3
762	G50B_062_037dd	0.25	0.625	0.625	0.625	0.375	0.437	210	0.25	0.625	0.625	56.4	−17.3	−5.0	18.0	196.3	0.382	0.597	0.594	56.3	−17.4	−5.0	18.2	196.2	0.1	210	0.0	1.0	1.0	86.8	−46.1	−13.5	48.1	196.3
763	G50B_062_050dd	0.125	0.625	0.625	0.625	0.5	0.375	210	0.125	0.625	0.625	55.3	−23.0	−6.7	24.0	196.3	0.283	0.596	0.593	55.2	−23.4	−6.8	24.4	196.1	0.4	210	0.0	1.0	1.0	86.8	−46.1	−13.5	48.1	196.3
764	G50B_062_062dd	0.0	0.625	0.625	0.625	0.625	0.312	210	0.0	0.625	0.625	54.2	−28.8	−8.4	30.0	196.3	0.139	0.595	0.593	54.2	−29.2	−8.4	30.4	196.1	0.3	210	0.0	1.0	1.0	86.8	−46.1	−13.5	48.1	196.3
765	R00Y_100_050dd	1.0	0.5	0.5	1.0	0.5	0.75	390	1.0	0.5	0.5	72.9	38.4	32.2	50.2	40.0	1.0	0.62	0.501	70.8	31.6	29.6	43.4	43.1	7.5	389	1.0	0.0	0.0	50.4	76.9	64.5	100.4	40.0
766	R00Y_087_037dd	0.875	0.5	0.5	0.875	0.375	0.687	390	0.875	0.5	0.5	66.6	28.8	24.2	37.6	40.0	0.922	0.582	0.499	66.5	29.0	23.8	37.5	39.3	0.4	389	1.0	0.0	0.0	50.4	76.9	64.5	100.4	40.0
767	R00Y_075_025dd	0.75	0.5	0.5	0.75	0.25	0.625	390	0.75	0.5	0.5	60.3	19.2	16.1	25.1	40.0	0.772	0.548	0.491	60.2	19.1	15.7	24.7	39.5	0.3	389	1.0	0.0	0.0	50.4	76.9	64.5	100.4	40.0
768	R00Y_062_012dd	0.625	0.5	0.5	0.625	0.125	0.562	390	0.625	0.5	0.5	54.0	9.6	8.0	12.5	40.0	0.622	0.511	0.481	54.0	9.2	7.8	12.1	40.6	0.4	389	1.0	0.0	0.0	50.4	76.9	64.5	100.4	40.0
769	NW_050dd	0.5	0.5	0.5	0.5	0.0	0.5	360	0.5	0.5	0.5	47.7	0.0	0.0	0.0	0.0	0.466	0.47	0.471	47.7	−0.3	−0.1	0.4	205.6	0.4	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
770	G50B_050_012dd	0.375	0.5	0.5	0.5	0.125	0.437	210	0.375	0.5	0.5	46.6	−5.7	−1.6	6.0	196.3	0.404	0.472	0.47	46.6	−6.2	−1.8	6.4	196.5	0.4	210	0.0	1.0	1.0	86.8	−46.1	−13.5	48.1	196.3
771	G50B_050_025dd	0.25	0.5	0.5	0.5	0.25	0.375	210	0.249	0.5	0.5	45.5	−11.5	−3.3	12.0	196.3	0.333	0.473	0.47	45.6	−12.2	−3.5	12.7	196.2	0.6	210	0.0	1.0	1.0	86.8	−46.1	−13.5	48.1	196.3
772	G50B_050_037dd	0.125	0.5	0.5	0.5	0.375	0.312	210	0.124	0.5	0.5	44.5	−17.3	−5.0	18.0	196.3	0.254	0.473	0.47	44.6	−17.8	−5.1	18.5	196.0	0.5	210	0.0	1.0	1.0	86.8	−46.1	−13.5	48.1	196.3
773	G50B_050_050dd	0.0	0.5	0.5	0.5	0.5	0.25	210	0.0	0.5	0.5	43.4	−23.0	−6.7	24.0	196.3	0.134	0.472	0.47	43.5	−23.7	−6.8	24.6	196.0	0.6	210	0.0	1.0	1.0	86.8	−46.1	−13.5	48.1	196.3
774	R00Y_100_062dd	1.0	0.375	0.375	1.0	0.625	0.687	390	1.0	0.375	0.375	67.3	48.0	40.3	62.7	40.0	1.0	0.5	0.375	64.2	44.1	38.0	58.3	40.7	5.4	389	1.0	0.0	0.0	50.4	76.9	64.5	100.4	40.0
775	R00Y_087_050dd	0.875	0.375	0.375	0.875	0.5	0.625	390	0.875	0.375	0.375	61.0	38.4	32.2	50.2	40.0	0.919	0.488	0.385	61.0	38.3	32.1	50.0	39.9	0.1	389	1.0	0.0	0.0	50.4	76.9	64.5	100.4	40.0
776	R00Y_075_037dd	0.75	0.375	0.375	0.75	0.375	0.562	390	0.75	0.375	0.375	54.7	28.8	24.2	37.6	40.0	0.776	0.456	0.377	54.6	28.7	23.9	37.4	39.7	0.3	389	1.0	0.0	0.0	50.4	76.9	64.5	100.4	40.0
777	R00Y_062_025dd	0.625	0.375	0.375	0.625	0.25	0.5	390	0.625	0.375	0.375	48.4	19.2	16.1	25.1	40.0	0.635	0.424	0.369	48.3	18.9	15.9	24.7	40.0	0.3	389	1.0	0.0	0.0	50.4	76.9	64.5	100.4	40.0
778	R00Y_050_012dd	0.5	0.375	0.375	0.5	0.125	0.437	390	0.5	0.375	0.375	42.0	9.6	8.0	12.5	40.0	0.497	0.389	0.36	42.1	9.5	8.0	12.4	40.2	0.1	389	1.0	0.0	0.0	50.4	76.9	64.5	100.4	40.0
779	NW_037dd	0.375	0.375	0.375	0.375	0.0	0.375	360	0.375	0.375	0.375	35.7	0.0	0.0	0.0	0.0	0.345	0.35	0.35	35.7	−0.4	−0.2	0.5	205.6	0.5	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
780	G50B_037_012dd	0.25	0.375	0.375	0.375	0.125	0.312	210	0.249	0.375	0.375	34.7	−5.7	−1.6	6.0	196.3	0.284	0.352	0.35	34.6	−6.3	−1.9	6.6	196.6	0.6	210	0.0	1.0	1.0	86.8	−46.1	−13.5	48.1	196.3
781	G50B_037_025dd	0.125	0.375	0.375	0.375	0.25	0.25	210	0.124	0.375	0.375	33.6	−11.5	−3.3	12.0	196.3	0.212	0.352	0.35	33.6	−12.4	−3.5	12.9	196.1	0.9	210	0.0	1.0	1.0	86.8	−46.1	−13.5	48.1	196.3
782	G50B_037_037dd	0.0	0.375	0.375	0.375	0.375	0.187	210	0.0	0.375	0.375	32.5	−17.3	−5.0	18.0	196.3	0.124	0.352	0.35	32.6	−17.8	−5.1	18.6	195.9	0.5	210	0.0	1.0	1.0	86.8	−46.1	−13.5	48.1	196.3
783	R00Y_100_075dd	1.0	0.25	0.25	1.0	0.75	0.625	390	1.0	0.25	0.25	61.7	57.7	48.4	75.3	40.0	1.0	0.375	0.25	58.5	56.6	47.5	73.9	39.9	3.4	389	1.0	0.0	0.0	50.4	76.9	64.5	100.4	40.0
784	R00Y_087_062dd	0.875	0.25	0.25	0.875	0.625	0.562	390	0.875	0.25	0.25	55.4	48.0	40.3	62.7	40.0	0.908	0.385	0.271	55.3	48.0	40.3	62.6	40.0	0.0	389	1.0	0.0	0.0	50.4	76.9	64.5	100.4	40.0
785	R00Y_075_050dd	0.75	0.25	0.25	0.75	0.5	0.5	390	0.75	0.25	0.25	49.0	38.4	32.2	50.2	40.0	0.77	0.36	0.267	49.0	38.4	32.1	50.0	39.8	0.1	389	1.0	0.0	0.0	50.4	76.9	64.5	100.4	40.0
786	R00Y_062_037dd	0.625	0.25	0.25	0.625	0.375	0.437	390	0.625	0.25	0.25	42.7	28.8	24.2	37.6	40.0	0.635	0.332	0.261	42.6	28.8	23.8	37.4	39.6	0.3	389	1.0	0.0	0.0	50.4	76.9	64.5	100.4	40.0
787	R00Y_050_025dd	0.5	0.25	0.25	0.5	0.25	0.375	390	0.5	0.249	0.249	36.4	19.2	16.1	25.1	40.0	0.505	0.303	0.254	36.4	19.4	16.0	25.1	39.5	0.2	389	1.0	0.0	0.0	50.4	76.9	64.5	100.4	40.0
788	R00Y_037_012dd	0.375	0.25	0.25	0.375	0.125	0.312	390	0.375	0.249	0.249	30.1	9.6	8.0	12.5	40.0	0.373	0.272	0.246	30.1	9.5	8.0	12.4	40.1	0.0	389	1.0	0.0	0.0	50.4	76.9	64.5	100.4	40.0
789	NW_025dd	0.25	0.25	0.25	0.25	0.0	0.25	360	0.25	0.25	0.25	23.8	0.0	0.0	0.0	0.0	0.232	0.236	0.237	23.7	−0.4	−0.2	0.4	207.2	0.4	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
790	G50B_025_012dd	0.125	0.25	0.25	0.25	0.125	0.187	210	0.124	0.25	0.25	22.7	−5.7	−1.6	6.0	196.3	0.171	0.238	0.237	22.6	−6.5	−2.0	6.8	196.9	0.8	210	0.0	1.0	1.0	86.8	−46.1	−13.5	48.1	196.3
791	G50B_025_025dd	0.0	0.25	0.25	0.25	0.25	0.125	210	0.0	0.25	0.25	21.7	−11.5	−3.3	12.0	196.3	0.095	0.238	0.237	21.6	−12.5	−3.5	13.0	195.9	1.0	210	0.0	1.0	1.0	86.8	−46.1	−13.5	48.1	196.3
792	R00Y_100_087dd	1.0	0.125	0.125	1.0	0.875	0.562	390	1.0	0.125	0.125	56.1	67.3	56.4	87.8	40.0	1.0	0.25	0.125	54.1	67.0	57.6	88.4	40.7	2.2	389	1.0	0.0	0.0	50.4	76.9	64.5	100.4	40.0
793	R00Y_087_075dd	0.875	0.125	0.125	0.875	0.75	0.5	390	0.875	0.125	0.125	49.7	57.7	48.4	75.3	40.0	0.889	0.264	0.155	49.7	57.7	48.6	75.5	40.1	0.2	389	1.0	0.0	0.0	50.4	76.9	64.5	100.4	40.0
794	R00Y_075_062dd	0.75	0.125	0.125	0.75	0.625	0.437	390	0.75	0.125	0.125	43.4	48.0	40.3	62.7	40.0	0.755	0.253	0.155	43.4	47.9	40.5	62.7	40.2	0.2	389	1.0	0.0	0.0	50.4	76.9	64.5	100.4	40.0
795	R00Y_062_050dd	0.625	0.125	0.125	0.625	0.5	0.375	390	0.625	0.125	0.125	37.1	38.4	32.2	50.2	40.0	0.624	0.235	0.154	36.9	38.4	32.2	50.1	40.0	0.1	389	1.0	0.0	0.0	50.4	76.9	64.5	100.4	40.0
796	R00Y_050_037dd	0.5	0.125	0.125	0.5	0.375	0.312	390	0.5	0.124	0.124	30.8	28.8	24.2	37.6	40.0	0.5	0.212	0.151	30.6	29.3	24.1	38.0	39.4	0.5	389	1.0	0.0	0.0	50.4	76.9	64.5	100.4	40.0
797	R00Y_037_025dd	0.375	0.125	0.125	0.375	0.25	0.25	390	0.375	0.124	0.124	24.5	19.2	16.1	25.1	40.0	0.375	0.188	0.146	24.2	19.5	15.9	25.2	39.0	0.5	389	1.0	0.0	0.0	50.4	76.9	64.5	100.4	40.0
798	R00Y_025_012dd	0.25	0.125	0.125	0.25	0.125	0.187	390	0.25	0.124	0.124	18.2	9.6	8.0	12.5	40.0	0.253	0.162	0.139	18.0	9.4	7.8	12.3	39.7	0.3	389	1.0	0.0	0.0	50.4	76.9	64.5	100.4	40.0
799	NW_012dd	0.125	0.125	0.125	0.125	0.0	0.125	360	0.125	0.125	0.125	11.9	0.0	0.0	0.0	0.0	0.129	0.132	0.132	11.9	−0.2	0.0	0.2	198.6	0.2	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
800	G50B_012_012dd	0.0	0.125	0.125	0.125	0.125	0.062	210	0.0	0.125	0.125	10.8	−5.7	−1.6	6.0	196.3	0.063	0.133	0.132	10.6	−7.1	−2.0	7.4	196.2	1.4	210	0.0	1.0	1.0	86.8	−46.1	−13.5	48.1	196.3
801	R00Y_100_100dd	1.0	0.0	0.0	1.0	1.0	0.5	390	1.0	0.0	0.0	50.4	76.9	64.5	100.4	40.0	1.0	0.0	0.0	50.4	76.9	64.5	100.4	39.9	0.0	389	1.0	0.0	0.0	50.4	76.9	64.5	100.4	40.0
802	R00Y_087_087dd	0.875	0.0	0.0	0.875	0.875	0.437	390	0.875	0.0	0.0	44.1	67.3	56.4	87.8	40.0	0.864	0.055	0.017	43.9	67.7	56.4	88.1	39.7	0.4	389	1.0	0.0	0.0	50.4	76.9	64.5	100.4	40.0
803	R00Y_075_075dd	0.75	0.0	0.0	0.75	0.75	0.375	390	0.75	0.0	0.0	37.8	57.7	48.4	75.3	40.0	0.732	0.088	0.03	37.6	58.1	48.7	75.8	39.9	0.6	389	1.0	0.0	0.0	50.4	76.9	64.5	100.4	40.0
804	R00Y_062_062dd	0.625	0.0	0.0	0.625	0.625	0.312	390	0.625	0.0	0.0	31.5	48.0	40.3	62.7	40.0	0.605	0.101	0.037	31.3	48.5	41.0	63.5	40.2	0.8	389	1.0	0.0	0.0	50.4	76.9	64.5	100.4	40.0
805	R00Y_050_050dd	0.5	0.0	0.0	0.5	0.5	0.25	390	0.5	0.0	0.0	25.2	38.4	32.2	50.2	40.0	0.485	0.1	0.037	25.0	39.2	33.3	51.4	40.3	1.3	389	1.0	0.0	0.0	50.4	76.9	64.5	100.4	40.0
806	R00Y_037_037dd	0.375	0.0	0.0	0.375	0.375	0.187	390	0.375	0.0	0.0	18.9	28.8	24.2	37.6	40.0	0.366	0.091	0.032	18.5	29.8	24.9	38.9	39.9	1.3	389	1.0	0.0	0.0	50.4	76.9	64.5	100.4	40.0
807	R00Y_025_025dd	0.25	0.0	0.0	0.25	0.25	0.125	390	0.25	0.0	0.0	12.6	19.2	16.1	25.1	40.0	0.253	0.076	0.022	12.1	20.2	16.2	26.0	38.7	1.1	389	1.0	0.0	0.0	50.4	76.9	64.5	100.4	40.0
808	R00Y_012_012dd	0.125	0.0	0.0	0.125	0.125	0.062	390	0.125	0.0	0.0	6.3	9.6	8.0	12.5	40.0	0.151	0.041	0.011	5.3	11.8	6.5	13.5	29.0	2.8	389	1.0	0.0	0.0	50.4	76.9	64.5	100.4	40.0
809	NW_000dd	0.0	0.0	0.0	0.0	0.0	0.0	360	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0

delta E'^* = 0.8

5-1032834-F0 RN890-7N, 29/33-F

TUB-prøveplansje RN89; 16-trinns fargetonesirkel, cf=1
farger og fargeavstander, $\Delta E'^*$

input: $rgb/cmyk \rightarrow rgb_{dd}$
output: 3D-linearisering til rgb^*_{dd}

se lignende filer: http://130.149.60.45/~farbmetrik/RN89/RN89.HTM
teknisk informasjon: http://www.ps.bam.de eller http://130.149.60.45/~farbmetrik

5-1032834-F0

http://130.149.60.45/~farbmetrik/RN89/RN89L0FP.PDF /.PS; 3D-linearisering
F: 3D-linearisering RN89/RN89LJ30FP.DAT i fil (F), side 30/33

n	HIC*Fdd	rgb_Fdd			ict_Fdd			hsi_F,dd	rgb*Fdd			LabCh*Fdd					rgb'*Fdd			LabCh'*Fdd					DE'*Fdd	hsiM,dd	rgb*Mdd			LabCh*Mdd				
810	NW_100dd	1.0	1.0	1.0	1.0	0.0	1.0	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0	1.0	1.0	1.0	95.4	0.0	0.0	0.0	325.2	0.0	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
811	B00R_100_012dd	0.875	0.875	1.0	1.0	0.125	0.937	270	0.875	0.875	1.0	87.2	9.5	−12.9	16.0	306.2	0.932	0.883	1.0	87.1	9.2	−12.3	15.3	306.7	0.6	270	0.0	0.0	1.0	30.3	76.0	−103.5	128.5	306.2
812	B00R_100_025dd	0.75	0.75	1.0	1.0	0.25	0.875	270	0.75	0.75	1.0	79.1	19.0	−25.8	32.1	306.2	0.861	0.769	1.0	78.9	18.5	−24.8	31.0	306.7	1.1	270	0.0	0.0	1.0	30.3	76.0	−103.5	128.5	306.2
813	B00R_100_037dd	0.625	0.625	1.0	1.0	0.375	0.812	270	0.625	0.625	1.0	71.0	28.5	−38.8	48.1	306.2	0.783	0.655	1.0	70.7	27.9	−37.6	46.9	306.5	1.3	270	0.0	0.0	1.0	30.3	76.0	−103.5	128.5	306.2
814	B00R_100_050dd	0.5	0.5	1.0	1.0	0.5	0.75	270	0.5	0.5	1.0	62.8	38.0	−51.7	64.2	306.2	0.697	0.545	1.0	62.6	37.1	−50.5	62.6	306.3	1.5	270	0.0	0.0	1.0	30.3	76.0	−103.5	128.5	306.2
815	B00R_100_062dd	0.375	0.375	1.0	1.0	0.625	0.687	270	0.375	0.375	1.0	54.7	47.5	−64.7	80.3	306.2	0.603	0.433	1.0	54.4	46.7	−63.6	78.9	306.2	1.4	270	0.0	0.0	1.0	30.3	76.0	−103.5	128.5	306.2
816	B00R_100_075dd	0.25	0.25	1.0	1.0	0.75	0.625	270	0.25	0.25	1.0	46.6	57.0	−77.6	96.3	306.2	0.495	0.316	1.0	46.3	56.8	−76.9	95.6	306.4	0.8	270	0.0	0.0	1.0	30.3	76.0	−103.5	128.5	306.2
817	B00R_100_087dd	0.125	0.125	1.0	1.0	0.875	0.562	270	0.125	0.125	1.0	38.5	66.5	−90.6	112.4	306.2	0.346	0.188	1.0	38.0	66.8	−90.6	112.6	306.4	0.5	270	0.0	0.0	1.0	30.3	76.0	−103.5	128.5	306.2
818	B00R_100_100dd	0.0	0.0	1.0	1.0	1.0	0.5	270	0.0	0.0	1.0	30.3	76.0	−103.5	128.5	306.2	0.0	0.0	1.0	30.3	76.0	−103.5	128.5	306.2	0.0	270	0.0	0.0	1.0	30.3	76.0	−103.5	128.5	306.2
819	Y00G_100_012dd	1.0	1.0	0.875	1.0	0.125	0.937	90	1.0	1.0	0.875	95.0	−2.5	11.3	11.6	102.8	1.0	0.999	0.905	94.8	−3.7	11.0	11.6	108.8	1.2	89	1.0	1.0	0.0	92.6	−20.7	90.7	93.0	102.8
820	NW_087dd	0.875	0.875	0.875	0.875	0.0	0.875	360	0.875	0.875	0.875	83.4	0.0	0.0	0.0	0.0	0.858	0.86	0.86	83.3	0.0	0.0	0.1	212.6	0.1	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
821	B00R_087_012dd	0.75	0.75	0.875	0.875	0.125	0.812	270	0.75	0.75	0.875	75.3	9.5	−12.9	16.0	306.2	0.794	0.747	0.865	75.2	9.4	−13.0	16.1	306.0	0.1	270	0.0	0.0	1.0	30.3	76.0	−103.5	128.5	306.2
822	B00R_087_025dd	0.625	0.625	0.875	0.875	0.25	0.75	270	0.625	0.625	0.875	67.2	19.0	−25.8	32.1	306.2	0.723	0.636	0.869	67.0	19.0	−26.1	32.2	306.0	0.2	270	0.0	0.0	1.0	30.3	76.0	−103.5	128.5	306.2
823	B00R_087_037dd	0.5	0.5	0.875	0.875	0.375	0.687	270	0.5	0.5	0.875	59.1	28.5	−38.8	48.1	306.2	0.645	0.529	0.871	59.0	28.1	−38.8	48.0	305.9	0.3	270	0.0	0.0	1.0	30.3	76.0	−103.5	128.5	306.2
824	B00R_087_050dd	0.375	0.375	0.875	0.875	0.5	0.625	270	0.375	0.375	0.875	50.9	38.0	−51.7	64.2	306.2	0.56	0.42	0.871	50.8	37.8	−51.8	64.1	306.0	0.2	270	0.0	0.0	1.0	30.3	76.0	−103.5	128.5	306.2
825	B00R_087_062dd	0.25	0.25	0.875	0.875	0.625	0.562	270	0.25	0.25	0.875	42.8	47.5	−64.7	80.3	306.2	0.46	0.307	0.869	42.6	47.6	−64.9	80.6	306.2	0.3	270	0.0	0.0	1.0	30.3	76.0	−103.5	128.5	306.2
826	B00R_087_075dd	0.125	0.125	0.875	0.875	0.75	0.5	270	0.125	0.125	0.875	34.7	57.0	−77.6	96.3	306.2	0.329	0.188	0.865	34.3	57.5	−78.3	97.1	306.3	0.9	270	0.0	0.0	1.0	30.3	76.0	−103.5	128.5	306.2
827	B00R_087_087dd	0.0	0.0	0.875	0.875	0.875	0.437	270	0.0	0.0	0.875	26.5	66.5	−90.6	112.4	306.2	0.095	0.026	0.861	26.3	66.8	−90.9	112.9	306.3	0.5	270	0.0	0.0	1.0	30.3	76.0	−103.5	128.5	306.2
828	Y00G_100_025dd	1.0	1.0	0.75	1.0	0.25	0.875	90	1.0	1.0	0.75	94.7	−5.1	22.6	23.2	102.8	1.0	0.998	0.81	94.3	−7.2	22.1	23.3	108.0	2.1	89	1.0	1.0	0.0	92.6	−20.7	90.7	93.0	102.8
829	Y00G_087_012dd	0.875	0.875	0.75	0.875	0.125	0.812	90	0.875	0.875	0.75	83.1	−2.5	11.3	11.6	102.8	0.872	0.859	0.768	83.0	−2.6	11.3	11.6	103.2	0.1	89	1.0	1.0	0.0	92.6	−20.7	90.7	93.0	102.8
830	NW_075dd	0.75	0.75	0.75	0.75	0.0	0.75	360	0.75	0.75	0.75	71.5	0.0	0.0	0.0	0.0	0.721	0.724	0.724	71.3	−0.1	0.0	0.2	207.8	0.2	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
831	B00R_075_012dd	0.625	0.625	0.75	0.75	0.125	0.687	270	0.625	0.625	0.75	63.4	9.5	−12.9	16.0	306.2	0.659	0.615	0.73	63.2	9.3	−13.1	16.1	305.6	0.2	270	0.0	0.0	1.0	30.3	76.0	−103.5	128.5	306.2
832	B00R_075_025dd	0.5	0.5	0.75	0.75	0.25	0.625	270	0.5	0.5	0.75	55.3	19.0	−25.8	32.1	306.2	0.59	0.511	0.733	55.2	18.5	−25.7	31.7	305.7	0.4	270	0.0	0.0	1.0	30.3	76.0	−103.5	128.5	306.2
833	B00R_075_037dd	0.375	0.375	0.75	0.75	0.375	0.562	270	0.375	0.375	0.75	47.1	28.5	−38.8	48.1	306.2	0.515	0.405	0.734	47.1	28.3	−38.7	47.9	306.1	0.2	270	0.0	0.0	1.0	30.3	76.0	−103.5	128.5	306.2
834	B00R_075_050dd	0.25	0.25	0.75	0.75	0.5	0.5	270	0.25	0.25	0.75	39.0	38.0	−51.7	64.2	306.2	0.424	0.297	0.733	38.8	38.0	−51.9	64.4	306.2	0.2	270	0.0	0.0	1.0	30.3	76.0	−103.5	128.5	306.2
835	B00R_075_062dd	0.125	0.125	0.75	0.75	0.625	0.437	270	0.125	0.125	0.75	30.9	47.5	−64.7	80.3	306.2	0.31	0.184	0.73	30.4	48.0	−65.3	81.0	306.3	0.8	270	0.0	0.0	1.0	30.3	76.0	−103.5	128.5	306.2
836	B00R_075_075dd	0.0	0.0	0.75	0.75	0.75	0.375	270	0.0	0.0	0.75	22.7	57.0	−77.6	96.3	306.2	0.134	0.043	0.726	22.4	57.8	−78.2	97.2	306.4	1.0	270	0.0	0.0	1.0	30.3	76.0	−103.5	128.5	306.2
837	Y00G_100_037dd	1.0	1.0	0.625	1.0	0.375	0.812	90	1.0	1.0	0.625	94.3	−7.7	34.0	34.9	102.8	1.0	0.998	0.714	93.8	−10.3	33.4	35.0	107.1	2.6	89	1.0	1.0	0.0	92.6	−20.7	90.7	93.0	102.8
838	Y00G_087_025dd	0.875	0.875	0.625	0.875	0.25	0.75	90	0.875	0.875	0.625	82.7	−5.1	22.6	23.2	102.8	0.879	0.858	0.675	82.7	−5.3	22.7	23.3	103.1	0.1	89	1.0	1.0	0.0	92.6	−20.7	90.7	93.0	102.8
839	Y00G_075_012dd	0.75	0.75	0.625	0.75	0.125	0.687	90	0.75	0.75	0.625	71.2	−2.5	11.3	11.6	102.8	0.735	0.723	0.635	71.0	−2.7	11.3	11.6	103.5	0.2	89	1.0	1.0	0.0	92.6	−20.7	90.7	93.0	102.8
840	NW_062dd	0.625	0.625	0.625	0.625	0.0	0.625	360	0.625	0.625	0.625	59.6	0.0	0.0	0.0	0.0	0.59	0.593	0.594	59.4	−0.2	−0.1	0.3	206.3	0.3	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
841	B00R_062_012dd	0.5	0.5	0.625	0.625	0.125	0.562	270	0.5	0.5	0.625	51.5	9.5	−12.9	16.0	306.2	0.532	0.491	0.599	51.5	9.1	−12.7	15.7	305.5	0.4	270	0.0	0.0	1.0	30.3	76.0	−103.5	128.5	306.2
842	B00R_062_025dd	0.375	0.375	0.625	0.625	0.25	0.5	270	0.375	0.375	0.625	43.3	19.0	−25.8	32.1	306.2	0.463	0.388	0.601	43.3	18.6	−25.8	31.8	305.9	0.3	270	0.0	0.0	1.0	30.3	76.0	−103.5	128.5	306.2
843	B00R_062_037dd	0.25	0.25	0.625	0.625	0.375	0.437	270	0.25	0.25	0.625	35.2	28.5	−38.8	48.1	306.2	0.385	0.285	0.602	35.1	28.4	−38.9	48.2	306.1	0.1	270	0.0	0.0	1.0	30.3	76.0	−103.5	128.5	306.2
844	B00R_062_050dd	0.125	0.125	0.625	0.625	0.5	0.375	270	0.125	0.125	0.625	27.1	38.0	−51.7	64.2	306.2	0.285	0.178	0.6	26.6	38.4	−52.4	65.0	306.2	0.8	270	0.0	0.0	1.0	30.3	76.0	−103.5	128.5	306.2
845	B00R_062_062dd	0.0	0.0	0.625	0.625	0.625	0.312	270	0.0	0.0	0.625	18.9	47.5	−64.7	80.3	306.2	0.142	0.053	0.596	18.4	48.5	−65.5	81.6	306.5	1.4	270	0.0	0.0	1.0	30.3	76.0	−103.5	128.5	306.2
846	Y00G_100_050dd	1.0	1.0	0.5	1.0	0.5	0.75	90	1.0	1.0	0.5	94.0	−10.3	45.3	46.5	102.8	1.0	0.998	0.616	93.5	−13.0	44.7	46.6	106.2	2.8	89	1.0	1.0	0.0	92.6	−20.7	90.7	93.0	102.8
847	Y00G_087_037dd	0.875	0.875	0.5	0.875	0.375	0.687	90	0.875	0.875	0.5	82.4	−7.7	34.0	34.9	102.8	0.883	0.858	0.582	82.3	−7.8	34.0	34.9	103.0	0.1	89	1.0	1.0	0.0	92.6	−20.7	90.7	93.0	102.8
848	Y00G_075_025dd	0.75	0.75	0.5	0.75	0.25	0.625	90	0.75	0.75	0.5	70.8	−5.1	22.6	23.2	102.8	0.741	0.723	0.547	70.7	−5.3	22.4	23.0	103.2	0.2	89	1.0	1.0	0.0	92.6	−20.7	90.7	93.0	102.8
849	Y00G_062_012dd	0.625	0.625	0.5	0.625	0.125	0.562	90	0.625	0.625	0.5	59.2	−2.5	11.3	11.6	102.8	0.603	0.593	0.51	59.1	−2.7	10.9	11.2	103.8	0.4	89	1.0	1.0	0.0	92.6	−20.7	90.7	93.0	102.8
850	NW_050dd	0.5	0.5	0.5	0.5	0.0	0.5	360	0.5	0.5	0.5	47.7	0.0	0.0	0.0	0.0	0.466	0.47	0.471	47.7	−0.3	−0.1	0.4	205.6	0.4	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
851	B00R_050_012dd	0.375	0.375	0.5	0.5	0.125	0.437	270	0.375	0.375	0.5	39.5	9.5	−12.9	16.0	306.2	0.408	0.37	0.476	39.6	9.3	−13.2	16.1	305.2	0.3	270	0.0	0.0	1.0	30.3	76.0	−103.5	128.5	306.2
852	B00R_050_025dd	0.25	0.25	0.5	0.5	0.25	0.375	270	0.249	0.249	0.5	31.4	19.0	−25.8	32.1	306.2	0.338	0.271	0.477	31.3	18.8	−26.3	32.3	305.5	0.5	270	0.0	0.0	1.0	30.3	76.0	−103.5	128.5	306.2
853	B00R_050_037dd	0.125	0.125	0.5	0.5	0.375	0.312	270	0.124	0.124	0.5	23.3	28.5	−38.8	48.1	306.2	0.257	0.17	0.477	23.0	29.0	−39.6	49.1	306.2	0.9	270	0.0	0.0	1.0	30.3	76.0	−103.5	128.5	306.2
854	B00R_050_050dd	0.0	0.0	0.5	0.5	0.5	0.25	270	0.0	0.0	0.5	15.1	38.0	−51.7	64.2	306.2	0.139	0.058	0.474	14.6	39.3	−53.0	66.0	306.5	1.8	270	0.0	0.0	1.0	30.3	76.0	−103.5	128.5	306.2
855	Y00G_100_062dd	1.0	1.0	0.375	1.0	0.625	0.687	90	1.0	1.0	0.375	93.6	−12.9	56.7	58.1	102.8	1.0	0.998	0.516	93.2	−15.4	55.9	58.0	105.4	2.6	89	1.0	1.0	0.0	92.6	−20.7	90.7	93.0	102.8
856	Y00G_087_050dd	0.875	0.875	0.375	0.875	0.5	0.625	90	0.875	0.875	0.375	82.1	−10.3	45.3	46.5	102.8	0.883	0.858	0.488	82.0	−10.3	45.1	46.3	102.9	0.2	89	1.0	1.0	0.0	92.6	−20.7	90.7	93.0	102.8
857	Y00G_075_037dd	0.75	0.75	0.375	0.75	0.375	0.562	90	0.75	0.75	0.375	70.5	−7.7	34.0	34.9	102.8	0.743	0.723	0.456	70.3	−7.8	33.7	34.6	103.1	0.3	89	1.0	1.0	0.0	92.6	−20.7	90.7	93.0	102.8
858	Y00G_062_025dd	0.625	0.625	0.375	0.625	0.25	0.5	90	0.625	0.625	0.375	58.9	−5.1	22.6	23.2	102.8	0.607	0.593	0.423	58.7	−5.4	22.3	23.0	103.6	0.4	89	1.0	1.0	0.0	92.6	−20.7	90.7	93.0	102.8
859	Y00G_050_012dd	0.5	0.5	0.375	0.5	0.125	0.437	90	0.5	0.5	0.375	47.3	−2.5	11.3	11.6	102.8	0.478	0.47	0.388	47.4	−2.8	11.2	11.6	104.2	0.2	89	1.0	1.0	0.0	92.6	−20.7	90.7	93.0	102.8
860	NW_037dd	0.375	0.375	0.375	0.375	0.0	0.375	360	0.375	0.375	0.375	35.7	0.0	0.0	0.0	0.0	0.345	0.35	0.35	35.7	−0.4	−0.2	0.5	205.6	0.5	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
861	B00R_037_012dd	0.25	0.25	0.375	0.375	0.125	0.312	270	0.249	0.249	0.375	27.6	9.5	−12.9	16.0	306.2	0.289	0.255	0.355	27.5	9.2	−13.2	16.1	304.8	0.4	270	0.0	0.0	1.0	30.3	76.0	−103.5	128.5	306.2
862	B00R_037_025dd	0.125	0.125	0.375	0.375	0.25	0.25	270	0.124	0.124	0.375	19.5	19.0	−25.8	32.1	306.2	0.216	0.16	0.356	19.1	18.8	−26.7	32.7	305.2	0.9	270	0.0	0.0	1.0	30.3	76.0	−103.5	128.5	306.2
863	B00R_037_037dd	0.0	0.0	0.375	0.375	0.375	0.187	270	0.0	0.0	0.375	11.3	28.5	−38.8	48.1	306.2	0.128	0.058	0.354	10.8	29.8	−40.0	49.9	306.6	1.8	270	0.0	0.0	1.0	30.3	76.0	−103.5	128.5	306.2
864	Y00G_100_075dd	1.0	1.0	0.25	1.0	0.75	0.625	90	1.0	1.0	0.25	93.3	−15.5	68.0	69.8	102.8	1.0	0.999	0.404	92.9	−17.5	67.5	69.7	104.5	2.0	89	1.0	1.0	0.0	92.6	−20.7	90.7	93.0	102.8
865	Y00G_087_062dd	0.875	0.875	0.25	0.875	0.625	0.562	90	0.875	0.875	0.25	81.7	−12.9	56.7	58.1	102.8	0.88	0.859	0.385	81.7	−12.9	56.5	58.0	102.9	0.1	89	1.0	1.0	0.0	92.6	−20.7	90.7	93.0	102.8
866	Y00G_075_050dd	0.75	0.75	0.25	0.75	0.5	0.5	90	0.75	0.75	0.25	70.1	−10.3	45.3	46.5	102.8	0.742	0.723	0.36	70.0	−10.4	45.2	46.3	102.9	0.2	89	1.0	1.0	0.0	92.6	−20.7	90.7	93.0	102.8
867	Y00G_062_037dd	0.625	0.625	0.25	0.625	0.375	0.437	90	0.625	0.625	0.25	58.5	−7.7	34.0	34.9	102.8	0.608	0.593	0.332	58.4	−8.0	33.9	34.8	103.3	0.3	89	1.0	1.0	0.0	92.6	−20.7	90.7	93.0	102.8
868	Y00G_050_025dd	0.5	0.5	0.25	0.5	0.25	0.375	90	0.5	0.5	0.249	47.0	−5.1	22.6	23.2	102.8	0.481	0.47	0.303	47.0	−5.5	22.7	23.4	103.7	0.4	89	1.0	1.0	0.0	92.6	−20.7	90.7	93.0	102.8
869	Y00G_037_012dd	0.375	0.375	0.25	0.375	0.125	0.312	90	0.375	0.375	0.249	35.4	−2.5	11.3	11.6	102.8	0.355	0.349	0.272	35.4	−2.9	11.2	11.6	104.9	0.4	89	1.0	1.0	0.0	92.6	−20.7	90.7	93.0	102.8
870	NW_025dd	0.25	0.25	0.25	0.25	0.0	0.25	360	0.25	0.25	0.25	23.8	0.0	0.0	0.0	0.0	0.232	0.236	0.237	23.7	−0.4	−0.2	0.4	207.2	0.4	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
871	B00R_025_012dd	0.125	0.125	0.25	0.25	0.125	0.187	270	0.124	0.124	0.25	15.7	9.5	−12.9	16.0	306.2	0.173	0.147	0.24	15.4	9.0	−13.5	16.2	303.6	0.8	270	0.0	0.0	1.0	30.3	76.0	−103.5	128.5	306.2
872	B00R_025_025dd	0.0	0.0	0.25	0.25	0.25	0.125	270	0.0	0.0	0.25	7.5	19.0	−25.8	32.1	306.2	0.102	0.048	0.24	6.6	20.5	−27.6	34.4	306.6	2.5	270	0.0	0.0	1.0	30.3	76.0	−103.5	128.5	306.2
873	Y00G_100_087dd	1.0	1.0	0.125	1.0	0.875	0.562	90	1.0	1.0	0.125	93.0	−18.1	79.4	81.4	102.8	1.0	0.999	0.271	92.7	−19.2	79.2	81.5	103.6	1.1	89	1.0	1.0	0.0	92.6	−20.7	90.7	93.0	102.8
874	Y00G_087_075dd	0.875	0.875	0.125	0.875	0.75	0.5	90	0.875	0.875	0.125	81.4	−15.5	68.0	69.8	102.8	0.871	0.859	0.264	81.3	−15.5	68.0	69.8	102.8	0.0	89	1.0	1.0	0.0	92.6	−20.7	90.7	93.0	102.8
875	Y00G_075_062dd	0.75	0.75	0.125	0.75	0.625	0.437	90	0.75	0.75	0.125	69.8	−12.9	56.7	58.1	102.8	0.736	0.723	0.253	69.7	−13.0	56.5	57.9	102.9	0.2	89	1.0	1.0	0.0	92.6	−20.7	90.7	93.0	102.8
876	Y00G_062_050dd	0.625	0.625	0.125	0.625	0.5	0.375	90	0.625	0.625	0.125	58.2	−10.3	45.3	46.5	102.8	0.604	0.593	0.234	58.1	−10.5	45.4	46.6	103.1	0.2	89	1.0	1.0	0.0	92.6	−20.7	90.7	93.0	102.8
877	Y00G_050_037dd	0.5	0.5	0.125	0.5	0.375	0.312	90	0.5	0.5	0.124	46.6	−7.7	34.0	34.9	102.8	0.48	0.47	0.212	46.7	−8.1	34.4	35.4	103.3	0.6	89	1.0	1.0	0.0	92.6	−20.7	90.7	93.0	102.8
878	Y00G_037_025dd	0.375	0.375	0.125	0.375	0.25	0.25	90	0.375	0.375	0.124	35.0	−5.1	22.6	23.2	102.8	0.357	0.349	0.188	35.0	−5.7	22.9	23.7	104.0	0.6	89	1.0	1.0	0.0	92.6	−20.7	90.7	93.0	102.8
879	Y00G_025_012dd	0.25	0.25	0.125	0.25	0.125	0.187	90	0.25	0.25	0.124	23.5	−2.5	11.3	11.6	102.8	0.239	0.236	0.162	23.4	−3.1	11.3	11.7	105.5	0.5	89	1.0	1.0	0.0	92.6	−20.7	90.7	93.0	102.8
880	NW_012dd	0.125	0.125	0.125	0.125	0.0	0.125	360	0.125	0.125	0.125	11.9	0.0	0.0	0.0	0.0	0.129	0.132	0.132	11.9	−0.2	0.0	0.2	198.6	0.2	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
881	B00R_012_012dd	0.0	0.0	0.125	0.125	0.125	0.062	270	0.0	0.0	0.125	3.7	9.5	−12.9	16.0	306.2	0.065	0.023	0.136	3.0	8.6	−14.3	16.7	301.0	1.8	270	0.0	0.0	1.0	30.3	76.0	−103.5	128.5	306.2
882	Y00G_100_100dd	1.0	1.0	0.0	1.0	1.0	0.5	90	1.0	1.0	0.0	92.6	−20.7	90.7	93.0	102.8	1.0	1.0	0.0	92.6	−20.6	90.7	93.0	102.8	0.0	89	1.0	1.0	0.0	92.6	−20.7	90.7	93.0	102.8
883	Y00G_087_087dd	0.875	0.875	0.0	0.875	0.875	0.437	90	0.875	0.875	0.0	81.0	−18.1	79.4	81.4	102.8	0.861	0.859	0.056	80.9	−18.2	79.7	81.8	102.8	0.3	89	1.0	1.0	0.0	92.6	−20.7	90.7	93.0	102.8
884	Y00G_075_075dd	0.75	0.75	0.0	0.75	0.75	0.375	90	0.75	0.75	0.0	69.4	−15.5	68.0	69.8	102.8	0.725	0.723	0.086	69.2	−15.7	68.4	70.2	102.9	0.5	89	1.0	1.0	0.0	92.6	−20.7	90.7	93.0	102.8
885	Y00G_062_062dd	0.625	0.625	0.0	0.625	0.625	0.312	90	0.625	0.625	0.0	57.9	−12.9	56.7	58.1	102.8	0.596	0.593	0.102	57.7	−13.1	57.0	58.5	103.0	0.4	89	1.0	1.0	0.0	92.6	−20.7	90.7	93.0	102.8
886	Y00G_050_050dd	0.5	0.5	0.0	0.5	0.5	0.25	90	0.5	0.5	0.0	46.3	−10.3	45.3	46.5	102.8	0.474	0.47	0.101	46.3	−10.7	46.0	47.2	103.1	0.7	89	1.0	1.0	0.0	92.6	−20.7	90.7	93.0	102.8
887	Y00G_037_037dd	0.375	0.375	0.0	0.375	0.375	0.187	90	0.375	0.375	0.0	34.7	−7.7	34.0	34.9	102.8	0.353	0.35	0.092	34.7	−8.2	34.8	35.7	103.3	0.9	89	1.0	1.0	0.0	92.6	−20.7	90.7	93.0	102.8
888	Y00G_025_025dd	0.25	0.25	0.0	0.25	0.25	0.125	90	0.25	0.25	0.0	23.1	−5.1	22.6	23.2	102.8	0.24	0.236	0.075	23.0	−5.7	23.8	24.5	103.5	1.2	89	1.0	1.0	0.0	92.6	−20.7	90.7	93.0	102.8
889	Y00G_012_012dd	0.125	0.125	0.0	0.125	0.125	0.062	90	0.125	0.125	0.0	11.5	−2.5	11.3	11.6	102.8	0.137	0.131	0.043	11.4	−3.1	12.9	13.2	103.7	1.6	89	1.0	1.0	0.0	92.6	−20.7	90.7	93.0	102.8
890	NW_000dd	0.0	0.0	0.0	0.0	0.0	0.0	360	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
																								delta E'* =	0.7									

5-1032934-F0 RN890-7N, 30/33-F

TUB-prøveplansje RN89; 16-trinns fargetonesirkel, *cf*=1 input: *rgb/cmyk* −> rgb_{dd}
farger og fargeavstander, $\Delta E'^*$ output: 3D-linearisering til rgb^*_{dd}

http://130.149.60.45/~farbmetrik/RN89/RN89L0FP.PDF /.PS; 3D-linearisering
F: 3D-linearisering RN89/RN89LJ30FP.DAT i fil (F), side 31/33

n	HIC*Fdd	rgb_Fdd			ict_Fdd			hsi_F,dd	rgb*Fdd			LabCh*Fdd					rgb'*Fdd			LabCh'*Fdd					DE'*Fdd	hsiM,dd	rgb*Mdd			LabCh*Mdd				
891	NW_100dd	1.0	1.0	1.0	1.0	0.0	1.0	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0	1.0	1.0	1.0	95.4	0.0	0.0	0.0	325.2	0.0	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
892	B50R_100_012dd	1.0	0.875	1.0	1.0	0.125	0.937	330	1.0	0.875	1.0	90.6	11.7	−7.3	13.8	328.2	1.0	0.914	1.0	90.3	10.6	−7.4	13.0	324.9	1.2	330	1.0	0.0	1.0	57.2	94.3	−58.4	110.9	328.2
893	B50R_100_025dd	1.0	0.75	1.0	1.0	0.25	0.875	330	1.0	0.75	1.0	85.8	23.5	−14.6	27.7	328.2	1.0	0.828	1.0	85.2	21.7	−14.9	26.3	325.3	2.0	330	1.0	0.0	1.0	57.2	94.3	−58.4	110.9	328.2
894	B50R_100_037dd	1.0	0.625	1.0	1.0	0.375	0.812	330	1.0	0.625	1.0	81.1	35.3	−21.9	41.6	328.2	1.0	0.739	1.0	80.3	33.1	−22.4	40.0	325.8	2.4	330	1.0	0.0	1.0	57.2	94.3	−58.4	110.9	328.2
895	B50R_100_050dd	1.0	0.5	1.0	1.0	0.5	0.75	330	1.0	0.5	1.0	76.3	47.1	−29.2	55.4	328.2	1.0	0.646	1.0	75.4	45.0	−29.9	54.0	326.3	2.4	330	1.0	0.0	1.0	57.2	94.3	−58.4	110.9	328.2
896	B50R_100_062dd	1.0	0.375	1.0	1.0	0.625	0.687	330	1.0	0.375	1.0	71.5	58.9	−36.5	69.3	328.2	1.0	0.547	1.0	70.7	57.0	−37.2	68.1	326.8	2.2	330	1.0	0.0	1.0	57.2	94.3	−58.4	110.9	328.2
897	B50R_100_075dd	1.0	0.25	1.0	1.0	0.75	0.625	330	1.0	0.25	1.0	66.8	70.7	−43.8	83.2	328.2	1.0	0.436	1.0	66.0	69.5	−44.5	82.5	327.3	1.6	330	1.0	0.0	1.0	57.2	94.3	−58.4	110.9	328.2
898	B50R_100_087dd	1.0	0.125	1.0	1.0	0.875	0.562	330	1.0	0.125	1.0	62.0	82.5	−51.1	97.1	328.2	1.0	0.297	1.0	61.4	82.2	−51.7	97.1	327.8	0.9	330	1.0	0.0	1.0	57.2	94.3	−58.4	110.9	328.2
899	B50R_100_100dd	1.0	0.0	1.0	1.0	1.0	0.5	330	1.0	0.0	1.0	57.2	94.3	−58.4	110.9	328.2	1.0	0.0	1.0	57.2	94.3	−58.4	111.0	328.2	0.0	330	1.0	0.0	1.0	57.2	94.3	−58.4	110.9	328.2
900	G00B_100_012dd	0.875	1.0	0.875	1.0	0.125	0.937	150	0.875	1.0	0.875	93.9	−10.3	9.9	14.3	136.0	0.928	1.0	0.901	93.5	−9.9	9.5	13.7	136.1	0.7	149	0.0	1.0	0.0	83.6	−82.7	79.8	115.0	136.0
901	NW_087dd	0.875	0.875	0.875	0.875	0.0	0.875	360	0.875	0.875	0.875	83.4	0.0	0.0	0.0	0.0	0.858	0.86	0.86	83.3	0.0	0.0	0.1	212.6	0.1	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
902	B50R_087_012dd	0.875	0.75	0.875	0.875	0.125	0.812	330	0.875	0.75	0.875	78.7	11.7	−7.3	13.8	328.2	0.872	0.777	0.862	78.6	11.7	−7.3	13.8	327.9	0.1	330	1.0	0.0	1.0	57.2	94.3	−58.4	110.9	328.2
903	B50R_087_025dd	0.875	0.625	0.875	0.875	0.25	0.75	330	0.875	0.625	0.875	73.9	23.5	−14.6	27.7	328.2	0.879	0.692	0.864	73.7	23.6	−14.7	27.8	328.0	0.2	330	1.0	0.0	1.0	57.2	94.3	−58.4	110.9	328.2
904	B50R_087_037dd	0.875	0.5	0.875	0.875	0.375	0.687	330	0.875	0.5	0.875	69.1	35.3	−21.9	41.6	328.2	0.884	0.605	0.865	69.0	35.4	−22.0	41.7	328.1	0.2	330	1.0	0.0	1.0	57.2	94.3	−58.4	110.9	328.2
905	B50R_087_050dd	0.875	0.375	0.875	0.875	0.5	0.625	330	0.875	0.375	0.875	64.4	47.1	−29.2	55.4	328.2	0.883	0.515	0.865	64.4	46.9	−29.1	55.2	328.1	0.2	330	1.0	0.0	1.0	57.2	94.3	−58.4	110.9	328.2
906	B50R_087_062dd	0.875	0.25	0.875	0.875	0.625	0.562	330	0.875	0.25	0.875	59.6	58.9	−36.5	69.3	328.2	0.879	0.412	0.864	59.5	58.9	−36.5	69.4	328.1	0.1	330	1.0	0.0	1.0	57.2	94.3	−58.4	110.9	328.2
907	B50R_087_075dd	0.875	0.125	0.875	0.875	0.75	0.5	330	0.875	0.125	0.875	54.9	70.7	−43.8	83.2	328.2	0.872	0.288	0.862	54.7	71.0	−44.0	83.5	328.2	0.3	330	1.0	0.0	1.0	57.2	94.3	−58.4	110.9	328.2
908	B50R_087_087dd	0.875	0.0	0.875	0.875	0.875	0.437	330	0.875	0.0	0.875	50.1	82.5	−51.1	97.1	328.2	0.861	0.07	0.86	49.9	82.9	−51.3	97.5	328.2	0.4	330	1.0	0.0	1.0	57.2	94.3	−58.4	110.9	328.2
909	G00B_100_025dd	0.75	1.0	0.75	1.0	0.25	0.875	150	0.75	1.0	0.75	92.4	−20.6	19.9	28.7	136.0	0.855	1.0	0.803	91.9	−19.9	19.2	27.7	135.9	1.1	149	0.0	1.0	0.0	83.6	−82.7	79.8	115.0	136.0
910	G00B_087_012dd	0.75	0.875	0.75	0.875	0.125	0.812	150	0.75	0.875	0.75	82.0	−10.3	9.9	14.3	136.0	0.79	0.865	0.765	81.9	−10.5	9.9	14.4	136.5	0.1	149	0.0	1.0	0.0	83.6	−82.7	79.8	115.0	136.0
911	NW_075dd	0.75	0.75	0.75	0.75	0.0	0.75	360	0.75	0.75	0.75	71.5	0.0	0.0	0.0	0.0	0.721	0.724	0.724	71.3	−0.1	0.0	0.2	207.8	0.2	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
912	B50R_075_012dd	0.75	0.625	0.75	0.75	0.125	0.687	330	0.75	0.625	0.75	66.7	11.7	−7.3	13.8	328.2	0.734	0.644	0.726	66.6	11.7	−7.4	13.8	327.6	0.2	330	1.0	0.0	1.0	57.2	94.3	−58.4	110.9	328.2
913	B50R_075_025dd	0.75	0.5	0.75	0.75	0.25	0.625	330	0.75	0.5	0.75	62.0	23.5	−14.6	27.7	328.2	0.741	0.562	0.728	61.8	23.3	−14.6	27.5	327.9	0.2	330	1.0	0.0	1.0	57.2	94.3	−58.4	110.9	328.2
914	B50R_075_037dd	0.75	0.375	0.75	0.75	0.375	0.562	330	0.75	0.375	0.75	57.2	35.3	−21.9	41.6	328.2	0.744	0.478	0.728	57.2	35.0	−21.8	41.3	328.0	0.3	330	1.0	0.0	1.0	57.2	94.3	−58.4	110.9	328.2
915	B50R_075_050dd	0.75	0.25	0.75	0.75	0.5	0.5	330	0.75	0.25	0.75	52.5	47.1	−29.2	55.4	328.2	0.742	0.385	0.728	52.4	46.8	−29.1	55.2	328.1	0.2	330	1.0	0.0	1.0	57.2	94.3	−58.4	110.9	328.2
916	B50R_075_062dd	0.75	0.125	0.75	0.75	0.625	0.437	330	0.75	0.125	0.75	47.7	58.9	−36.5	69.3	328.2	0.736	0.274	0.727	47.5	59.0	−36.6	69.4	328.1	0.2	330	1.0	0.0	1.0	57.2	94.3	−58.4	110.9	328.2
917	B50R_075_075dd	0.75	0.0	0.75	0.75	0.75	0.375	330	0.75	0.0	0.75	42.9	70.7	−43.8	83.2	328.2	0.726	0.11	0.725	42.7	70.8	−44.0	83.4	328.1	0.2	330	1.0	0.0	1.0	57.2	94.3	−58.4	110.9	328.2
918	G00B_100_037dd	0.625	1.0	0.625	1.0	0.375	0.812	150	0.625	1.0	0.625	90.9	−31.0	29.9	43.1	136.0	0.776	1.0	0.704	90.2	−30.1	29.1	41.9	135.9	1.3	149	0.0	1.0	0.0	83.6	−82.7	79.8	115.0	136.0
919	G00B_087_025dd	0.625	0.875	0.625	0.875	0.25	0.75	150	0.625	0.875	0.625	80.5	−20.6	19.9	28.7	136.0	0.716	0.867	0.669	80.3	−21.0	19.9	28.9	136.5	0.3	149	0.0	1.0	0.0	83.6	−82.7	79.8	115.0	136.0
920	G00B_075_012dd	0.625	0.75	0.625	0.75	0.125	0.687	150	0.625	0.75	0.625	70.0	−10.3	9.9	14.3	136.0	0.656	0.729	0.632	69.9	−10.5	9.9	14.5	136.7	0.2	149	0.0	1.0	0.0	83.6	−82.7	79.8	115.0	136.0
921	NW_062dd	0.625	0.625	0.625	0.625	0.0	0.625	360	0.625	0.625	0.625	59.6	0.0	0.0	0.0	0.0	0.59	0.593	0.594	59.4	−0.2	−0.1	0.3	206.3	0.3	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
922	B50R_062_012dd	0.625	0.5	0.625	0.625	0.125	0.562	330	0.625	0.5	0.625	54.8	11.7	−7.3	13.8	328.2	0.602	0.519	0.596	54.8	11.2	−7.2	13.4	327.3	0.5	330	1.0	0.0	1.0	57.2	94.3	−58.4	110.9	328.2
923	B50R_062_025dd	0.625	0.375	0.625	0.625	0.25	0.5	330	0.625	0.375	0.625	50.1	23.5	−14.6	27.7	328.2	0.608	0.438	0.597	49.9	23.1	−14.6	27.4	327.6	0.4	330	1.0	0.0	1.0	57.2	94.3	−58.4	110.9	328.2
924	B50R_062_037dd	0.625	0.25	0.625	0.625	0.375	0.437	330	0.625	0.25	0.625	45.3	35.3	−21.9	41.6	328.2	0.609	0.352	0.597	45.1	35.2	−22.0	41.5	327.9	0.2	330	1.0	0.0	1.0	57.2	94.3	−58.4	110.9	328.2
925	B50R_062_050dd	0.625	0.125	0.625	0.625	0.5	0.375	330	0.625	0.125	0.625	40.5	47.1	−29.2	55.4	328.2	0.605	0.256	0.597	40.4	46.9	−29.3	55.3	328.0	0.2	330	1.0	0.0	1.0	57.2	94.3	−58.4	110.9	328.2
926	B50R_062_062dd	0.625	0.0	0.625	0.625	0.625	0.312	330	0.625	0.0	0.625	35.8	58.9	−36.5	69.3	328.2	0.597	0.125	0.595	35.7	58.7	−36.6	69.2	328.0	0.2	330	1.0	0.0	1.0	57.2	94.3	−58.4	110.9	328.2
927	G00B_100_050dd	0.5	1.0	0.5	1.0	0.5	0.75	150	0.5	1.0	0.5	89.5	−41.3	39.9	57.5	136.0	0.691	1.0	0.604	88.7	−40.5	39.0	56.3	136.0	1.4	149	0.0	1.0	0.0	83.6	−82.7	79.8	115.0	136.0
928	G00B_087_037dd	0.5	0.875	0.5	0.875	0.375	0.687	150	0.5	0.875	0.5	79.0	−31.0	29.9	43.1	136.0	0.639	0.869	0.573	78.9	−31.3	29.9	43.2	136.2	0.2	149	0.0	1.0	0.0	83.6	−82.7	79.8	115.0	136.0
929	G00B_075_025dd	0.5	0.75	0.5	0.75	0.25	0.625	150	0.5	0.75	0.5	68.6	−20.6	19.9	28.7	136.0	0.584	0.731	0.541	68.4	−20.8	19.6	28.6	136.7	0.4	149	0.0	1.0	0.0	83.6	−82.7	79.8	115.0	136.0
930	G00B_062_012dd	0.5	0.625	0.5	0.625	0.125	0.562	150	0.5	0.625	0.5	58.1	−10.3	9.9	14.3	136.0	0.529	0.598	0.507	58.0	−10.2	9.6	14.0	136.8	0.3	149	0.0	1.0	0.0	83.6	−82.7	79.8	115.0	136.0
931	NW_050dd	0.5	0.5	0.5	0.5	0.0	0.5	360	0.5	0.5	0.5	47.7	0.0	0.0	0.0	0.0	0.466	0.47	0.471	47.7	−0.3	−0.1	0.4	205.6	0.4	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
932	B50R_050_012dd	0.5	0.375	0.5	0.5	0.125	0.437	330	0.5	0.375	0.5	42.9	11.7	−7.3	13.8	328.2	0.478	0.396	0.473	42.9	11.5	−7.5	13.8	327.0	0.2	330	1.0	0.0	1.0	57.2	94.3	−58.4	110.9	328.2
933	B50R_050_025dd	0.5	0.25	0.5	0.5	0.25	0.375	330	0.5	0.249	0.5	38.1	23.5	−14.6	27.7	328.2	0.481	0.316	0.474	38.0	23.7	−15.0	28.0	327.5	0.4	330	1.0	0.0	1.0	57.2	94.3	−58.4	110.9	328.2
934	B50R_050_037dd	0.5	0.125	0.5	0.5	0.375	0.312	330	0.5	0.124	0.5	33.4	35.3	−21.9	41.6	328.2	0.481	0.229	0.474	33.2	35.7	−22.4	42.2	327.9	0.6	330	1.0	0.0	1.0	57.2	94.3	−58.4	110.9	328.2
935	B50R_050_050dd	0.5	0.0	0.5	0.5	0.5	0.25	330	0.5	0.0	0.5	28.6	47.1	−29.2	55.4	328.2	0.475	0.122	0.472	28.6	47.3	−29.5	55.7	327.9	0.3	330	1.0	0.0	1.0	57.2	94.3	−58.4	110.9	328.2
936	G00B_100_062dd	0.375	1.0	0.375	1.0	0.625	0.687	150	0.375	1.0	0.375	88.0	−51.7	49.9	71.9	136.0	0.597	1.0	0.501	87.3	−50.9	49.0	70.7	136.0	1.3	149	0.0	1.0	0.0	83.6	−82.7	79.8	115.0	136.0
937	G00B_087_050dd	0.375	0.875	0.375	0.875	0.5	0.625	150	0.375	0.875	0.375	77.5	−41.3	39.9	57.5	136.0	0.554	0.869	0.476	77.5	−41.5	39.7	57.4	136.2	0.2	149	0.0	1.0	0.0	83.6	−82.7	79.8	115.0	136.0
938	G00B_075_037dd	0.375	0.75	0.375	0.75	0.375	0.562	150	0.375	0.75	0.375	67.1	−31.0	29.9	43.1	136.0	0.51	0.732	0.448	67.0	−31.0	29.7	42.9	136.1	0.2	149	0.0	1.0	0.0	83.6	−82.7	79.8	115.0	136.0
939	G00B_062_025dd	0.375	0.625	0.375	0.625	0.25	0.5	150	0.375	0.625	0.375	56.6	−20.6	19.9	28.7	136.0	0.457	0.6	0.418	56.5	−20.8	19.6	28.6	136.7	0.4	149	0.0	1.0	0.0	83.6	−82.7	79.8	115.0	136.0
940	G00B_050_012dd	0.375	0.5	0.375	0.5	0.125	0.437	150	0.375	0.5	0.375	46.2	−10.3	9.9	14.3	136.0	0.405	0.474	0.385	46.3	−10.7	9.9	14.6	137.2	0.3	149	0.0	1.0	0.0	83.6	−82.7	79.8	115.0	136.0
941	NW_037dd	0.375	0.375	0.375	0.375	0.0	0.375	360	0.375	0.375	0.375	35.7	0.0	0.0	0.0	0.0	0.345	0.35	0.35	35.7	−0.4	−0.2	0.5	205.6	0.5	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
942	B50R_037_012dd	0.375	0.25	0.375	0.375	0.125	0.312	330	0.375	0.249	0.375	31.0	11.7	−7.3	13.8	328.2	0.355	0.279	0.352	30.9	11.5	−7.6	13.8	326.6	0.4	330	1.0	0.0	1.0	57.2	94.3	−58.4	110.9	328.2
943	B50R_037_025dd	0.375	0.125	0.375	0.375	0.25	0.25	330	0.375	0.124	0.375	26.2	23.5	−14.6	27.7	328.2	0.357	0.199	0.353	25.9	23.9	−15.3	28.4	327.4	0.8	330	1.0	0.0	1.0	57.2	94.3	−58.4	110.9	328.2
944	B50R_037_037dd	0.375	0.0	0.375	0.375	0.375	0.187	330	0.375	0.0	0.375	21.4	35.3	−21.9	41.6	328.2	0.354	0.107	0.352	21.2	35.9	−22.5	42.4	327.8	0.9	330	1.0	0.0	1.0	57.2	94.3	−58.4	110.9	328.2
945	G00B_100_075dd	0.25	1.0	0.25	1.0	0.75	0.625	150	0.25	1.0	0.25	86.5	−62.0	59.9	86.2	136.0	0.49	1.0	0.391	86.0	−61.3	59.2	85.2	136.0	1.1	149	0.0	1.0	0.0	83.6	−82.7	79.8	115.0	136.0
946	G00B_087_062dd	0.25	0.875	0.25	0.875	0.625	0.562	150	0.25	0.875	0.25	76.1	−51.7	49.9	71.9	136.0	0.456	0.867	0.373	76.0	−51.7	49.7	71.8	136.1	0.2	149	0.0	1.0	0.0	83.6	−82.7	79.8	115.0	136.0
947	G00B_075_050dd	0.25	0.75	0.25	0.75	0.5	0.5	150	0.25	0.75	0.25	65.6	−41.3	39.9	57.5	136.0	0.419	0.731	0.349	65.5	−41.5	39.8	57.5	136.1	0.2	149	0.0	1.0	0.0	83.6	−82.7	79.8	115.0	136.0
948	G00B_062_037dd	0.25	0.625	0.25	0.625	0.375	0.437	150	0.25	0.625	0.25	55.2	−31.0	29.9	43.1	136.0	0.381	0.6	0.324	55.1	−31.1	29.9	43.2	136.1	0.1	149	0.0	1.0	0.0	83.6	−82.7	79.8	115.0	136.0
949	G00B_050_025dd	0.25	0.5	0.25	0.5	0.25	0.375	150	0.249	0.5	0.249	44.7	−20.6	19.9	28.7	136.0	0.332	0.476	0.298	44.7	−21.5	19.9	29.3	137.1	0.8	149	0.0	1.0	0.0	83.6	−82.7	79.8	115.0	136.0
950	G00B_037_012dd	0.25	0.375	0.25	0.375	0.125	0.312	150	0.249	0.375	0.249	34.3	−10.3	9.9	14.3	136.0	0.285	0.353	0.269	34.2	−10.9	9.8	14.7	137.9	0.6	149	0.0	1.0	0.0	83.6	−82.7	79.8	115.0	136.0
951	NW_025dd	0.25	0.25	0.25	0.25	0.0	0.25	360	0.25	0.25	0.25	23.8	0.0	0.0	0.0	0.0	0.232	0.236	0.237	23.7	−0.4	−0.2	0.4	207.2	0.4	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
952	B50R_025_012dd	0.25	0.125	0.25	0.25	0.125	0.187	330	0.25	0.124	0.25	19.0	11.7	−7.3	13.8	328.2	0.239	0.168	0.238	18.8	11.6	−7.7	13.9	326.2	0.5	330	1.0	0.0	1.0	57.2	94.3	−58.4	110.9	328.2
953	B50R_025_025dd	0.25	0.0	0.25	0.25	0.25	0.125	330	0.25	0.0	0.25	14.3	23.5	−14.6	27.7	328.2	0.241	0.086	0.239	13.8	24.5	−15.5	29.1	327.6	1.4	330	1.0	0.0	1.0	57.2	94.3	−58.4	110.9	328.2
954	G00B_100_087dd	0.125	1.0	0.125	1.0	0.875	0.562	150	0.125	1.0	0.125	85.1	−72.4	69.9	100.6	136.0	0.342	1.0	0.26	84.7	−72.2	69.5	100.2	136.0	0.5	149	0.0	1.0	0.0	83.6	−82.7	79.8	115.0	136.0
955	G00B_087_075dd	0.125	0.875	0.125	0.875	0.75	0.5	150	0.125	0.875	0.125	74.6	−62.0	59.9	86.2	136.0	0.328	0.865	0.254	74.5	−62.2	59.8	86.3	136.1	0.2	149	0.0	1.0	0.0	83.6	−82.7	79.8	115.0	136.0
956	G00B_075_062dd	0.125	0.75	0.125	0.75	0.625	0.437	150	0.125	0.75	0.125	64.1	−51.7	49.9	71.9	136.0	0.307	0.729	0.241	64.0	−52.0	49.8	72.0	136.2	0.3	149	0.0	1.0	0.0	83.6	−82.7	79.8	115.0	136.0
957	G00B_062_050dd	0.125	0.625	0.125	0.625	0.5	0.375	150	0.125	0.625	0.125	53.7	−41.3	39.9	57.5	136.0	0.283	0.599	0.224	53.6	−41.7	40.1	57.9	136.1	0.4	149	0.0	1.0	0.0	83.6	−82.7	79.8	115.0	136.0
958	G00B_050_037dd	0.125	0.5	0.125	0.5	0.375	0.312	150	0.124	0.5	0.124	43.2	−31.0	29.9	43.1	136.0	0.254	0.476	0.205	43.4	−31.6	30.5	44.0	136.0	0.8	149	0.0	1.0	0.0	83.6	−82.7	79.8	115.0	136.0
959	G00B_037_025dd	0.125	0.375	0.125	0.375	0.25	0.25	150	0.124	0.375	0.124	32.8	−20.6	19.9	28.7	136.0	0.212	0.355	0.184	32.8	−21.8	20.2	29.8	137.1	1.2	149	0.0	1.0	0.0	83.6	−82.7	79.8	115.0	136.0
960	G00B_025_012dd	0.125	0.25	0.125	0.25	0.125	0.187	150	0.124	0.25	0.124	22.3	−10.3	9.9	14.3	136.0	0.17	0.239	0.16	22.2	−11.4	9.8	15.0	139.2	1.0	149	0.0	1.0	0.0	83.6	−82.7	79.8	115.0	136.0
961	NW_012dd	0.125	0.125	0.125	0.125	0.0	0.125	360	0.125	0.125	0.125	11.9	0.0	0.0	0.0	0.0	0.129	0.132	0.132	11.9	−0.2	0.0	0.2	198.6	0.2	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
962	B50R_012_012dd	0.125	0.0	0.125	0.125	0.125	0.062	330	0.125	0.0	0.125	7.1	11.7	−7.3	13.8	328.2	0.137	0.052	0.133	6.1	14.1	−8.9	16.7	327.7	3.0	330	1.0	0.0	1.0	57.2	94.3	−58.4	110.9	328.2
963	G00B_100_100dd	0.0	1.0	0.0	1.0	1.0	0.5	150	0.0	1.0	0.0	83.6	−82.7	79.8	115.0	136.0	0.0	0.999	0.0	83.6	−82.7	79.8	115.0	136.0	0.0	149	0.0	1.0	0.0	83.6	−82.7	79.8	115.0	136.0
964	G00B_087_087dd	0.0	0.875	0.0	0.875	0.875	0.437	150	0.0	0.875	0.0	73.1	−72.4	69.9	100.6	136.0	0.091	0.861	0.051	73.1	−72.7	70.2	101.1	135.9	0.4	149	0.0	1.0	0.0	83.6	−82.7	79.8	115.0	136.0
965	G00B_075_075dd	0.0	0.75	0.0	0.75	0.75	0.375	150	0.0	0.75	0.0	62.7	−62.0	59.9	86.2	136.0	0.134	0.726	0.079	62.6	−62.2	60.4	86.7	135.8	0.5	149	0.0	1.0	0.0	83.6	−82.7	79.8	115.0	136.0
966	G00B_062_062dd	0.0	0.625	0.0	0.625	0.625	0.312	150	0.0	0.625	0.0	52.2	−51.7	49.9	71.9	136.0	0.141	0.596	0.092	52.2	−52.1	50.5	72.5	135.8	0.6	149	0.0	1.0	0.0	83.6	−82.7	79.8	115.0	136.0
967	G00B_050_050dd	0.0	0.5	0.0	0.5	0.5	0.25	150	0.0	0.5	0.0	41.8	−41.3	39.9	57.5	136.0	0.138	0.474	0.093	41.9	−42.0	40.8	58.6	135.8	1.1	149	0.0	1.0	0.0	83.6	−82.7	79.8	115.0	136.0
968	G00B_037_037dd	0.0	0.375	0.0	0.375	0.375	0.187	150	0.0	0.375	0.0	31.3	−31.0	29.9	43.1	136.0	0.127	0.354	0.085	31.4	−31.7	31.0	44.3	135.6	1.2	149	0.0	1.0	0.0	83.6	−82.7	79.8	115.0	136.0
969	G00B_025_025dd	0.0	0.25	0.0	0.25	0.25	0.125	150	0.0	0.25	0.0	20.9	−20.6	19.9	28.7	136.0	0.097	0.24	0.07	20.8	−22.1	21.2	30.7	136.1	1.9	149	0.0	1.0	0.0	83.6	−82.7	79.8	115.0	136.0
970	G00B_012_012dd	0.0	0.125	0.0	0.125	0.125	0.062	150	0.0	0.125	0.0	10.4	−10.3	9.9	14.3	136.0	0.062	0.135	0.04	10.2	−12.9	11.2	17.1	139.0	2.9	149	0.0	1.0	0.0	83.6	−82.7	79.8	115.0	136.0
971	NW_000dd	0.0	0.0	0.0	0.0	0.0	0.0	360	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0

delta E'* = 0.6

5−1033034−F0 RN890−7N, 31/33−F

TUB-prøveplansje RN89; 16-trinns fargetonesirkel, *cf*=1
farger og fargeavstander, Δ*E'**

input: *rgb/cmyk* −> *rgb*dd
output: 3D-linearisering til *rgb**dd

TUB registrering: 20150701-RN89/RN89L0FP.PDF /.PS TUB-material: code=rha4ta
anvendelse for måling av display output, ingen separasjon rgb* (RGB)

http://130.149.60.45/~farbmetrik/RN89/RN89L0FP.PDF /.PS; 3D-linearisering
F: 3D-linearisering RN89/RN89LJ30FP.DAT i fil (F), side 32/33

n	HIC*Fdd	rgb_Fdd			ict_Fdd			hsi_F,dd	rgb*Fdd			LabCh*Fdd					rgb'*Fdd			LabCh'*Fdd					DE'*Fdd	hsiM,dd	rgb*Mdd			LabCh*Mdd				
972	NW_000dd	0.0	0.0	0.0	0.0	0.0	0.0	360	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
973	NW_012dd	0.125	0.125	0.125	0.125	0.0	0.125	360	0.125	0.125	0.125	11.9	0.0	0.0	0.0	0.0	0.129	0.132	0.132	11.9	−0.2	0.0	0.2	198.6	0.2	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
974	NW_025dd	0.25	0.25	0.25	0.25	0.0	0.25	360	0.25	0.25	0.25	23.8	0.0	0.0	0.0	0.0	0.232	0.236	0.237	23.7	−0.4	−0.2	0.4	207.2	0.4	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
975	NW_037dd	0.375	0.375	0.375	0.375	0.0	0.375	360	0.375	0.375	0.375	35.7	0.0	0.0	0.0	0.0	0.345	0.35	0.35	35.7	−0.4	−0.2	0.5	205.6	0.5	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
976	NW_050dd	0.5	0.5	0.5	0.5	0.0	0.5	360	0.5	0.5	0.5	47.7	0.0	0.0	0.0	0.0	0.466	0.47	0.471	47.7	−0.3	−0.1	0.4	205.6	0.4	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
977	NW_062dd	0.625	0.625	0.625	0.625	0.0	0.625	360	0.625	0.625	0.625	59.6	0.0	0.0	0.0	0.0	0.59	0.593	0.594	59.4	−0.2	−0.1	0.3	206.3	0.3	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
978	NW_075dd	0.75	0.75	0.75	0.75	0.0	0.75	360	0.75	0.75	0.75	71.5	0.0	0.0	0.0	0.0	0.721	0.724	0.724	71.3	−0.1	0.0	0.2	207.8	0.2	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
979	NW_087dd	0.875	0.875	0.875	0.875	0.0	0.875	360	0.875	0.875	0.875	83.4	0.0	0.0	0.0	0.0	0.858	0.86	0.86	83.3	0.0	0.0	0.1	212.6	0.1	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
980	NW_100dd	1.0	1.0	1.0	1.0	0.0	1.0	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0	1.0	1.0	1.0	95.4	0.0	0.0	0.0	325.2	0.0	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
981	NW_000dd	0.0	0.0	0.0	0.0	0.0	0.0	360	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
982	NW_012dd	0.125	0.125	0.125	0.125	0.0	0.125	360	0.125	0.125	0.125	11.9	0.0	0.0	0.0	0.0	0.129	0.132	0.132	11.9	−0.2	0.0	0.2	198.6	0.2	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
983	NW_025dd	0.25	0.25	0.25	0.25	0.0	0.25	360	0.25	0.25	0.25	23.8	0.0	0.0	0.0	0.0	0.232	0.236	0.237	23.7	−0.4	−0.2	0.4	207.2	0.4	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
984	NW_037dd	0.375	0.375	0.375	0.375	0.0	0.375	360	0.375	0.375	0.375	35.7	0.0	0.0	0.0	0.0	0.345	0.35	0.35	35.7	−0.4	−0.2	0.5	205.6	0.5	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
985	NW_050dd	0.5	0.5	0.5	0.5	0.0	0.5	360	0.5	0.5	0.5	47.7	0.0	0.0	0.0	0.0	0.466	0.47	0.471	47.7	−0.3	−0.1	0.4	205.6	0.4	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
986	NW_062dd	0.625	0.625	0.625	0.625	0.0	0.625	360	0.625	0.625	0.625	59.6	0.0	0.0	0.0	0.0	0.59	0.593	0.594	59.4	−0.2	−0.1	0.3	206.3	0.3	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
987	NW_075dd	0.75	0.75	0.75	0.75	0.0	0.75	360	0.75	0.75	0.75	71.5	0.0	0.0	0.0	0.0	0.721	0.724	0.724	71.3	−0.1	0.0	0.2	207.8	0.2	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
988	NW_087dd	0.875	0.875	0.875	0.875	0.0	0.875	360	0.875	0.875	0.875	83.4	0.0	0.0	0.0	0.0	0.858	0.86	0.86	83.3	0.0	0.0	0.1	212.6	0.1	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
989	NW_100dd	1.0	1.0	1.0	1.0	0.0	1.0	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0	1.0	1.0	1.0	95.4	0.0	0.0	0.0	325.2	0.0	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
990	NW_000dd	0.0	0.0	0.0	0.0	0.0	0.0	360	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
991	NW_012dd	0.125	0.125	0.125	0.125	0.0	0.125	360	0.125	0.125	0.125	11.9	0.0	0.0	0.0	0.0	0.129	0.132	0.132	11.9	−0.2	0.0	0.2	198.6	0.2	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
992	NW_025dd	0.25	0.25	0.25	0.25	0.0	0.25	360	0.25	0.25	0.25	23.8	0.0	0.0	0.0	0.0	0.232	0.236	0.237	23.7	−0.4	−0.2	0.4	207.2	0.4	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
993	NW_037dd	0.375	0.375	0.375	0.375	0.0	0.375	360	0.375	0.375	0.375	35.7	0.0	0.0	0.0	0.0	0.345	0.35	0.35	35.7	−0.4	−0.2	0.5	205.6	0.5	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
994	NW_050dd	0.5	0.5	0.5	0.5	0.0	0.5	360	0.5	0.5	0.5	47.7	0.0	0.0	0.0	0.0	0.466	0.47	0.471	47.7	−0.3	−0.1	0.4	205.6	0.4	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
995	NW_062dd	0.625	0.625	0.625	0.625	0.0	0.625	360	0.625	0.625	0.625	59.6	0.0	0.0	0.0	0.0	0.59	0.593	0.594	59.4	−0.2	−0.1	0.3	206.3	0.3	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
996	NW_075dd	0.75	0.75	0.75	0.75	0.0	0.75	360	0.75	0.75	0.75	71.5	0.0	0.0	0.0	0.0	0.721	0.724	0.724	71.3	−0.1	0.0	0.2	207.8	0.2	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
997	NW_087dd	0.875	0.875	0.875	0.875	0.0	0.875	360	0.875	0.875	0.875	83.4	0.0	0.0	0.0	0.0	0.858	0.86	0.86	83.3	0.0	0.0	0.1	212.6	0.1	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
998	NW_100dd	1.0	1.0	1.0	1.0	0.0	1.0	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0	1.0	1.0	1.0	95.4	0.0	0.0	0.0	325.2	0.0	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
999	NW_000dd	0.0	0.0	0.0	0.0	0.0	0.0	360	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
1000	NW_012dd	0.125	0.125	0.125	0.125	0.0	0.125	360	0.125	0.125	0.125	11.9	0.0	0.0	0.0	0.0	0.129	0.132	0.132	11.9	−0.2	0.0	0.2	198.6	0.2	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
1001	NW_025dd	0.25	0.25	0.25	0.25	0.0	0.25	360	0.25	0.25	0.25	23.8	0.0	0.0	0.0	0.0	0.232	0.236	0.237	23.7	−0.4	−0.2	0.4	207.2	0.4	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
1002	NW_037dd	0.375	0.375	0.375	0.375	0.0	0.375	360	0.375	0.375	0.375	35.7	0.0	0.0	0.0	0.0	0.345	0.35	0.35	35.7	−0.4	−0.2	0.5	205.6	0.5	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
1003	NW_050dd	0.5	0.5	0.5	0.5	0.0	0.5	360	0.5	0.5	0.5	47.7	0.0	0.0	0.0	0.0	0.466	0.47	0.471	47.7	−0.3	−0.1	0.4	205.6	0.4	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
1004	NW_062dd	0.625	0.625	0.625	0.625	0.0	0.625	360	0.625	0.625	0.625	59.6	0.0	0.0	0.0	0.0	0.59	0.593	0.594	59.4	−0.2	−0.1	0.3	206.3	0.3	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
1005	NW_075dd	0.75	0.75	0.75	0.75	0.0	0.75	360	0.75	0.75	0.75	71.5	0.0	0.0	0.0	0.0	0.721	0.724	0.724	71.3	−0.1	0.0	0.2	207.8	0.2	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
1006	NW_087dd	0.875	0.875	0.875	0.875	0.0	0.875	360	0.875	0.875	0.875	83.4	0.0	0.0	0.0	0.0	0.858	0.86	0.86	83.3	0.0	0.0	0.1	212.6	0.1	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
1007	NW_100dd	1.0	1.0	1.0	1.0	0.0	1.0	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0	1.0	1.0	1.0	95.4	0.0	0.0	0.0	325.2	0.0	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
1008	NW_000dd	0.0	0.0	0.0	0.0	0.0	0.0	360	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
1009	NW_006dd	0.066	0.066	0.066	0.066	0.0	0.066	360	0.066	0.066	0.066	6.2	0.0	0.0	0.0	0.0	0.068	0.07	0.07	4.7	−0.1	0.0	0.1	215.3	1.5	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
1010	NW_013dd	0.133	0.133	0.133	0.133	0.0	0.133	360	0.133	0.133	0.133	12.6	0.0	0.0	0.0	0.0	0.134	0.138	0.138	12.6	−0.5	−0.1	0.5	198.8	0.5	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
1011	NW_020dd	0.2	0.2	0.2	0.2	0.0	0.2	360	0.2	0.2	0.2	19.0	0.0	0.0	0.0	0.0	0.181	0.193	0.193	18.7	−1.1	−0.4	1.2	202.3	1.3	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
1012	NW_026dd	0.266	0.266	0.266	0.266	0.0	0.266	360	0.266	0.266	0.266	25.3	0.0	0.0	0.0	0.0	0.25	0.251	0.251	25.4	0.0	0.0	0.0	198.2	0.1	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
1013	NW_033dd	0.333	0.333	0.333	0.333	0.0	0.333	360	0.333	0.333	0.333	31.7	0.0	0.0	0.0	0.0	0.303	0.311	0.311	31.6	−0.7	−0.3	0.8	203.1	0.8	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
1014	NW_040dd	0.4	0.4	0.4	0.4	0.0	0.4	360	0.4	0.4	0.4	38.1	0.0	0.0	0.0	0.0	0.374	0.374	0.374	38.2	0.0	0.0	0.0	217.7	0.1	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
1015	NW_046dd	0.466	0.466	0.466	0.466	0.0	0.466	360	0.466	0.466	0.466	44.4	0.0	0.0	0.0	0.0	0.431	0.437	0.437	44.4	−0.5	−0.2	0.5	203.8	0.5	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
1016	NW_053dd	0.533	0.533	0.533	0.533	0.0	0.533	360	0.533	0.533	0.533	50.8	0.0	0.0	0.0	0.0	0.503	0.504	0.504	51.0	0.0	0.0	0.0	222.6	0.1	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
1017	NW_060dd	0.6	0.6	0.6	0.6	0.0	0.6	360	0.6	0.6	0.6	57.2	0.0	0.0	0.0	0.0	0.564	0.569	0.569	57.1	−0.3	−0.1	0.4	204.7	0.4	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
1018	NW_066dd	0.666	0.666	0.666	0.666	0.0	0.666	360	0.666	0.666	0.666	63.5	0.0	0.0	0.0	0.0	0.634	0.635	0.635	63.3	−0.1	0.0	0.1	207.4	0.2	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
1019	NW_073dd	0.734	0.734	0.734	0.734	0.0	0.734	360	0.734	0.734	0.734	70.0	0.0	0.0	0.0	0.0	0.703	0.706	0.707	69.8	−0.3	−0.1	0.3	205.7	0.4	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
1020	NW_080dd	0.8	0.8	0.8	0.8	0.0	0.8	360	0.8	0.8	0.8	76.3	0.0	0.0	0.0	0.0	0.775	0.778	0.778	76.1	−0.1	0.0	0.2	206.4	0.2	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
1021	NW_086dd	0.866	0.866	0.866	0.866	0.0	0.866	360	0.866	0.866	0.866	82.6	0.0	0.0	0.0	0.0	0.847	0.85	0.85	82.5	−0.1	0.0	0.1	209.2	0.2	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
1022	NW_093dd	0.933	0.933	0.933	0.933	0.0	0.933	360	0.933	0.933	0.933	89.0	0.0	0.0	0.0	0.0	0.921	0.924	0.924	88.9	−0.2	−0.1	0.2	207.0	0.2	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
1023	NW_100dd	1.0	1.0	1.0	1.0	0.0	1.0	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0	1.0	1.0	1.0	95.4	0.0	0.0	0.0	325.2	0.0	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
1024	NW_000dd	0.0	0.0	0.0	0.0	0.0	0.0	360	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
1025	NW_006dd	0.066	0.066	0.066	0.066	0.0	0.066	360	0.066	0.066	0.066	6.2	0.0	0.0	0.0	0.0	0.068	0.07	0.07	4.7	−0.1	0.0	0.1	215.3	1.5	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
1026	NW_013dd	0.133	0.133	0.133	0.133	0.0	0.133	360	0.133	0.133	0.133	12.6	0.0	0.0	0.0	0.0	0.134	0.138	0.138	12.6	−0.5	−0.1	0.5	198.8	0.5	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
1027	NW_020dd	0.2	0.2	0.2	0.2	0.0	0.2	360	0.2	0.2	0.2	19.0	0.0	0.0	0.0	0.0	0.181	0.193	0.193	18.7	−1.1	−0.4	1.2	202.3	1.3	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
1028	NW_026dd	0.266	0.266	0.266	0.266	0.0	0.266	360	0.266	0.266	0.266	25.3	0.0	0.0	0.0	0.0	0.25	0.251	0.251	25.4	0.0	0.0	0.0	198.2	0.1	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
1029	NW_033dd	0.333	0.333	0.333	0.333	0.0	0.333	360	0.333	0.333	0.333	31.7	0.0	0.0	0.0	0.0	0.303	0.311	0.311	31.6	−0.7	−0.3	0.8	203.1	0.8	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
1030	NW_040dd	0.4	0.4	0.4	0.4	0.0	0.4	360	0.4	0.4	0.4	38.1	0.0	0.0	0.0	0.0	0.374	0.374	0.374	38.2	0.0	0.0	0.0	217.7	0.1	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
1031	NW_046dd	0.466	0.466	0.466	0.466	0.0	0.466	360	0.466	0.466	0.466	44.4	0.0	0.0	0.0	0.0	0.431	0.437	0.437	44.4	−0.5	−0.2	0.5	203.8	0.5	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
1032	NW_053dd	0.533	0.533	0.533	0.533	0.0	0.533	360	0.533	0.533	0.533	50.8	0.0	0.0	0.0	0.0	0.503	0.504	0.504	51.0	0.0	0.0	0.0	222.6	0.1	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
1033	NW_060dd	0.6	0.6	0.6	0.6	0.0	0.6	360	0.6	0.6	0.6	57.2	0.0	0.0	0.0	0.0	0.564	0.569	0.569	57.1	−0.3	−0.1	0.4	204.7	0.4	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
1034	NW_066dd	0.666	0.666	0.666	0.666	0.0	0.666	360	0.666	0.666	0.666	63.5	0.0	0.0	0.0	0.0	0.634	0.635	0.635	63.3	−0.1	0.0	0.1	207.4	0.2	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
1035	NW_073dd	0.734	0.734	0.734	0.734	0.0	0.734	360	0.734	0.734	0.734	70.0	0.0	0.0	0.0	0.0	0.703	0.706	0.707	69.8	−0.3	−0.1	0.3	205.7	0.4	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
1036	NW_080dd	0.8	0.8	0.8	0.8	0.0	0.8	360	0.8	0.8	0.8	76.3	0.0	0.0	0.0	0.0	0.775	0.778	0.778	76.1	−0.1	0.0	0.2	206.4	0.2	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
1037	NW_086dd	0.866	0.866	0.866	0.866	0.0	0.866	360	0.866	0.866	0.866	82.6	0.0	0.0	0.0	0.0	0.847	0.85	0.85	82.5	−0.1	0.0	0.1	209.2	0.2	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
1038	NW_093dd	0.933	0.933	0.933	0.933	0.0	0.933	360	0.933	0.933	0.933	89.0	0.0	0.0	0.0	0.0	0.921	0.924	0.924	88.9	−0.2	−0.1	0.2	207.0	0.2	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
1039	NW_100dd	1.0	1.0	1.0	1.0	0.0	1.0	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0	1.0	1.0	1.0	95.4	0.0	0.0	0.0	325.2	0.0	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
1040	NW_000dd	0.0	0.0	0.0	0.0	0.0	0.0	360	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
1041	NW_006dd	0.066	0.066	0.066	0.066	0.0	0.066	360	0.066	0.066	0.066	6.2	0.0	0.0	0.0	0.0	0.068	0.07	0.07	4.7	−0.1	0.0	0.1	215.3	1.5	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
1042	NW_013dd	0.133	0.133	0.133	0.133	0.0	0.133	360	0.133	0.133	0.133	12.6	0.0	0.0	0.0	0.0	0.134	0.138	0.138	12.6	−0.5	−0.1	0.5	198.8	0.5	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
1043	NW_020dd	0.2	0.2	0.2	0.2	0.0	0.2	360	0.2	0.2	0.2	19.0	0.0	0.0	0.0	0.0	0.181	0.193	0.193	18.7	−1.1	−0.4	1.2	202.3	1.3	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
1044	NW_026dd	0.266	0.266	0.266	0.266	0.0	0.266	360	0.266	0.266	0.266	25.3	0.0	0.0	0.0	0.0	0.25	0.251	0.251	25.4	0.0	0.0	0.0	198.2	0.1	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
1045	NW_033dd	0.333	0.333	0.333	0.333	0.0	0.333	360	0.333	0.333	0.333	31.7	0.0	0.0	0.0	0.0	0.303	0.311	0.311	31.6	−0.7	−0.3	0.8	203.1	0.8	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
1046	NW_040dd	0.4	0.4	0.4	0.4	0.0	0.4	360	0.4	0.4	0.4	38.1	0.0	0.0	0.0	0.0	0.374	0.374	0.374	38.2	0.0	0.0	0.0	217.7	0.1	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
1047	NW_046dd	0.466	0.466	0.466	0.466	0.0	0.466	360	0.466	0.466	0.466	44.4	0.0	0.0	0.0	0.0	0.431	0.437	0.437	44.4	−0.5	−0.2	0.5	203.8	0.5	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
1048	NW_053dd	0.533	0.533	0.533	0.533	0.0	0.533	360	0.533	0.533	0.533	50.8	0.0	0.0	0.0	0.0	0.503	0.504	0.504	51.0	0.0	0.0	0.0	222.6	0.1	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
1049	NW_060dd	0.6	0.6	0.6	0.6	0.0	0.6	360	0.6	0.6	0.6	57.2	0.0	0.0	0.0	0.0	0.564	0.569	0.569	57.1	−0.3	−0.1	0.4	204.7	0.4	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
1050	NW_066dd	0.666	0.666	0.666	0.666	0.0	0.666	360	0.666	0.666	0.666	63.5	0.0	0.0	0.0	0.0	0.634	0.635	0.635	63.3	−0.1	0.0	0.1	207.4	0.2	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
1051	NW_073dd	0.734	0.734	0.734	0.734	0.0	0.734	360	0.734	0.734	0.734	70.0	0.0	0.0	0.0	0.0	0.703	0.706	0.707	69.8	−0.3	−0.1	0.3	205.7	0.4	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
1052	NW_080dd	0.8	0.8	0.8	0.8	0.0	0.8	360	0.8	0.8	0.8	76.3	0.0	0.0	0.0	0.0	0.775	0.778	0.778	76.1	−0.1	0.0	0.2	206.4	0.2	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0

delta E'* = **0.3**

5−1033134−F0 RN890−7N, 32/33−F

TUB-prøveplansje RN89; 16-trinns fargetonesirkel, *cf*=1 input: *rgb/cmyk* −> rgb_{dd}
farger og fargeavstander, $\Delta E'*$ output: 3D-linearisering til $rgb*_{dd}$

se lignende filer: http://130.149.60.45/~farbmetrik/RN89/RN89.HTM
teknisk informasjon: http://www.ps.bam.de eller http://130.149.60.45/~farbmetrik

5−1033134−F0

http://130.149.60.45/~farbmetrik/RN89/RN89L0FP.PDF /.PS; 3D-linearisering
F: 3D-linearisering RN89/RN89LJ30FP.DAT i fil (F), side 33/33

n	HIC*Fdd	rgb_Fdd			ict_Fdd			$h_{si\_F,dd}$
1053	NW_086dd	0.866	0.866	0.866	0.866	0.0	0.866	360
1054	NW_093dd	0.933	0.933	0.933	0.933	0.0	0.933	360
1055	NW_100dd	1.0	1.0	1.0	1.0	0.0	1.0	360
1056	NW_000dd	0.0	0.0	0.0	0.0	0.0	0.0	360
1057	NW_006dd	0.066	0.066	0.066	0.066	0.0	0.066	360
1058	NW_013dd	0.133	0.133	0.133	0.133	0.0	0.133	360
1059	NW_020dd	0.2	0.2	0.2	0.2	0.0	0.2	360
1060	NW_026dd	0.266	0.266	0.266	0.266	0.0	0.266	360
1061	NW_033dd	0.333	0.333	0.333	0.333	0.0	0.333	360
1062	NW_040dd	0.4	0.4	0.4	0.4	0.0	0.4	360
1063	NW_046dd	0.466	0.466	0.466	0.466	0.0	0.466	360
1064	NW_053dd	0.533	0.533	0.533	0.533	0.0	0.533	360
1065	NW_060dd	0.6	0.6	0.6	0.6	0.0	0.6	360
1066	NW_066dd	0.666	0.666	0.666	0.666	0.0	0.666	360
1067	NW_073dd	0.734	0.734	0.734	0.734	0.0	0.734	360
1068	NW_080dd	0.8	0.8	0.8	0.8	0.0	0.8	360
1069	NW_086dd	0.866	0.866	0.866	0.866	0.0	0.866	360
1070	NW_093dd	0.933	0.933	0.933	0.933	0.0	0.933	360
1071	NW_100dd	1.0	1.0	1.0	1.0	0.0	1.0	360
1072	NW_000dd	0.0	0.0	0.0	0.0	0.0	0.0	360
1073	NW_100dd	1.0	1.0	1.0	1.0	0.0	1.0	360
1074	R00Y_100_100dd	1.0	0.0	0.0	1.0	1.0	0.5	390
1075	G50B_100_100dd	0.0	1.0	1.0	1.0	1.0	0.5	210
1076	Y00G_100_100dd	1.0	1.0	0.0	1.0	1.0	0.5	90
1077	B00R_100_100dd	0.0	0.0	1.0	1.0	1.0	0.5	270
1078	G00B_100_100dd	0.0	1.0	0.0	1.0	1.0	0.5	150
1079	B50R_100_100dd	1.0	0.0	1.0	1.0	1.0	0.5	330

n	rgb*Fdd			LabCh*Fdd				
1053	0.866	0.866	0.866	82.6	0.0	0.0	0.0	0.0
1054	0.933	0.933	0.933	89.0	0.0	0.0	0.0	0.0
1055	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
1056	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1057	0.066	0.066	0.066	6.2	0.0	0.0	0.0	0.0
1058	0.133	0.133	0.133	12.6	0.0	0.0	0.0	0.0
1059	0.2	0.2	0.2	19.0	0.0	0.0	0.0	0.0
1060	0.266	0.266	0.266	25.3	0.0	0.0	0.0	0.0
1061	0.333	0.333	0.333	31.7	0.0	0.0	0.0	0.0
1062	0.4	0.4	0.4	38.1	0.0	0.0	0.0	0.0
1063	0.466	0.466	0.466	44.4	0.0	0.0	0.0	0.0
1064	0.533	0.533	0.533	50.8	0.0	0.0	0.0	0.0
1065	0.6	0.6	0.6	57.2	0.0	0.0	0.0	0.0
1066	0.666	0.666	0.666	63.5	0.0	0.0	0.0	0.0
1067	0.734	0.734	0.734	70.0	0.0	0.0	0.0	0.0
1068	0.8	0.8	0.8	76.3	0.0	0.0	0.0	0.0
1069	0.866	0.866	0.866	82.6	0.0	0.0	0.0	0.0
1070	0.933	0.933	0.933	89.0	0.0	0.0	0.0	0.0
1071	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
1072	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1073	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
1074	1.0	0.0	0.0	50.4	76.9	64.5	100.4	40.0
1075	0.0	1.0	1.0	86.8	−46.1	−13.5	48.1	196.3
1076	1.0	1.0	0.0	92.6	−20.7	90.7	93.0	102.8
1077	0.0	0.0	1.0	30.3	76.0	−103.5	128.5	306.2
1078	0.0	1.0	0.0	83.6	−82.7	79.8	115.0	136.0
1079	1.0	0.0	1.0	57.2	94.3	−58.4	110.9	328.2

n	rgb'*Fdd			LabCh'*Fdd					DE'*Fdd	$h_{siM,dd}$
1053	0.847	0.85	0.85	82.5	−0.1	0.0	0.1	209.2	0.2	360
1054	0.921	0.924	0.924	88.9	−0.2	−0.1	0.2	207.0	0.2	360
1055	1.0	1.0	1.0	95.4	0.0	0.0	0.0	325.2	0.0	360
1056	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	360
1057	0.068	0.07	0.07	4.7	−0.1	0.0	0.1	215.3	1.5	360
1058	0.134	0.138	0.138	12.6	−0.5	−0.1	0.5	198.8	0.5	360
1059	0.181	0.193	0.193	18.7	−1.1	−0.4	1.2	202.3	1.3	360
1060	0.25	0.251	0.251	25.4	0.0	0.0	0.0	198.2	0.1	360
1061	0.303	0.311	0.311	31.6	−0.7	−0.3	0.8	203.1	0.8	360
1062	0.374	0.374	0.374	38.2	0.0	0.0	0.0	217.7	0.1	360
1063	0.431	0.437	0.437	44.4	−0.5	−0.2	0.5	203.8	0.5	360
1064	0.503	0.504	0.504	51.0	0.0	0.0	0.0	222.6	0.1	360
1065	0.564	0.569	0.569	57.1	−0.3	−0.1	0.4	204.7	0.4	360
1066	0.634	0.635	0.635	63.3	−0.1	0.0	0.1	207.4	0.2	360
1067	0.703	0.706	0.707	69.8	−0.3	−0.1	0.3	205.7	0.4	360
1068	0.775	0.778	0.778	76.1	−0.1	0.0	0.2	206.4	0.2	360
1069	0.847	0.85	0.85	82.5	−0.1	0.0	0.1	209.2	0.2	360
1070	0.921	0.924	0.924	88.9	−0.2	−0.1	0.2	207.0	0.2	360
1071	1.0	1.0	1.0	95.4	0.0	0.0	0.0	325.2	0.0	360
1072	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	360
1073	1.0	1.0	1.0	95.4	0.0	0.0	0.0	325.2	0.0	360
1074	1.0	0.0	0.0	50.4	76.9	64.5	100.4	39.9	0.0	389
1075	0.0	1.0	1.0	86.8	−46.1	−13.5	48.1	196.3	0.0	210
1076	1.0	1.0	0.0	92.6	−20.6	90.7	93.0	102.8	0.0	89
1077	0.0	0.0	1.0	30.3	76.0	−103.5	128.5	306.2	0.0	270
1078	0.0	0.999	0.0	83.6	−82.7	79.8	115.0	136.0	0.0	149
1079	1.0	0.0	1.0	57.2	94.3	−58.4	111.0	328.2	0.0	330

delta E'* = 0.2

n	rgb*Mdd			LabCh*Mdd				
1053	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
1054	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
1055	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
1056	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
1057	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
1058	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
1059	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
1060	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
1061	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
1062	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
1063	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
1064	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
1065	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
1066	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
1067	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
1068	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
1069	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
1070	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
1071	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
1072	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
1073	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
1074	1.0	0.0	0.0	50.4	76.9	64.5	100.4	40.0
1075	0.0	1.0	1.0	86.8	−46.1	−13.5	48.1	196.3
1076	1.0	1.0	0.0	92.6	−20.7	90.7	93.0	102.8
1077	0.0	0.0	1.0	30.3	76.0	−103.5	128.5	306.2
1078	0.0	1.0	0.0	83.6	−82.7	79.8	115.0	136.0
1079	1.0	0.0	1.0	57.2	94.3	−58.4	110.9	328.2

RN890−7N, 33/33−F

5−1033234−F0

TUB-prøveplansje RN89; 16-trinns fargetonesirkel, *cf*=1
farger og fargeavstander, $\Delta E'^*$

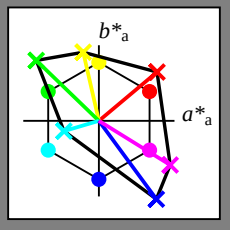
input: *rgb/cmyk* −> rgb_{dd}
output: 3D-linearisering til rgb^*_{dd}

Input og output: Fjernsyn-Lysfarge-System sRGB (TLS00a)

Data for ethvert apparat (d) eller elementæfarge (e):
***HIC*_**
fargetonetekst for fargene på denne siden:
***H*_ = R00Y–, R25Y–, ..., B75R–**

ORS20a; adapterte (a) CIELAB data

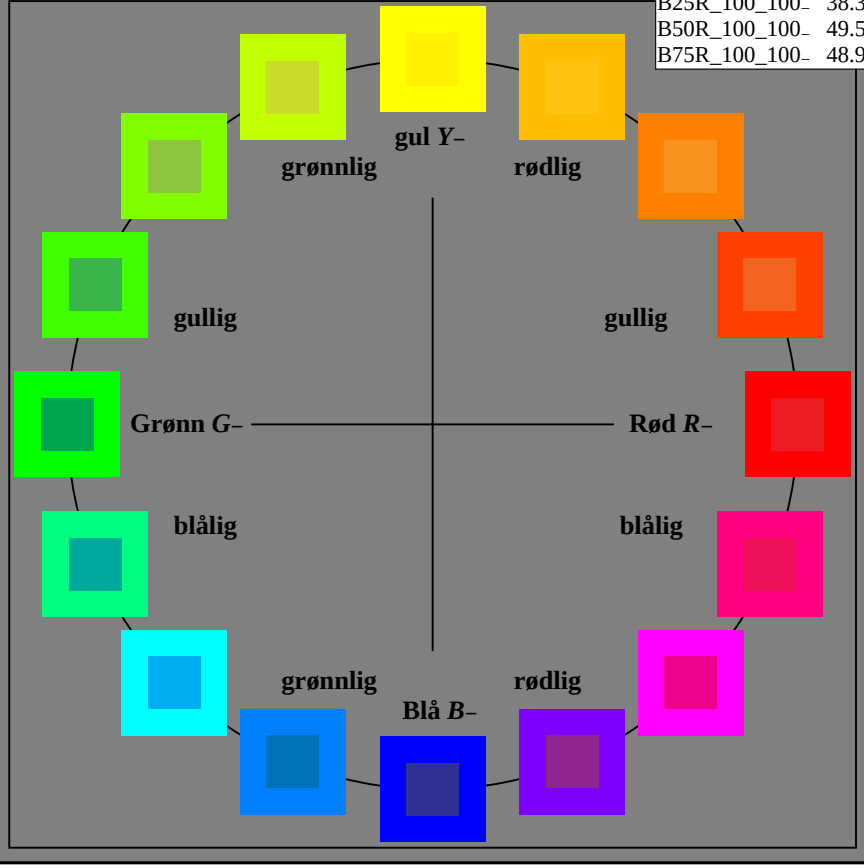
*H*_	*L**=*L**a	*a**a	*b**a	*C**ab,a	*h**ab,a
R00Y_100_100_	48.4	66.1	40.2	77.3	31
R25Y_100_100_	56.8	48.0	50.5	69.6	46
R50Y_100_100_	68.6	25.0	63.9	68.6	68
R75Y_100_100_	80.6	4.8	77.2	77.3	86
Y00G_100_100_	90.2	−9.6	88.2	88.7	96
Y25G_100_100_	83.2	−18.4	79.9	81.9	102
Y50G_100_100_	73.3	−31.7	62.7	70.2	116
Y75G_100_100_	62.0	−49.7	43.2	65.8	139
G00B_100_100_	55.8	−65.2	33.8	73.4	152
G25B_100_100_	59.3	−50.3	−9.0	51.0	190
G50B_100_100_	63.0	−30.5	−42.0	51.9	234
G75B_100_100_	45.7	−5.7	−44.6	44.9	262
B00R_100_100_	27.5	25.9	−47.3	53.9	298
B25R_100_100_	38.3	52.6	−28.5	59.8	331
B50R_100_100_	49.5	73.5	−9.0	74.0	353
B75R_100_100_	48.9	69.3	12.9	70.4	10

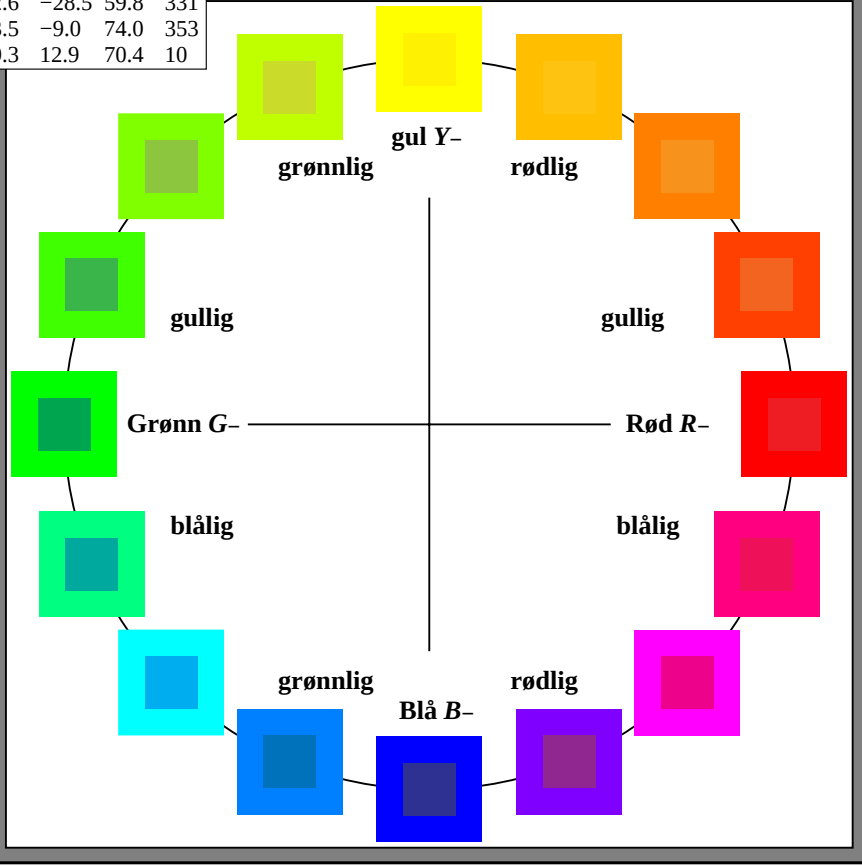


%Omfang
u^*_{rel} = 158
%Regularitet
$g^*_{H,rel}$ = 19
$g^*_{C,rel}$ = 37

sRGB (TLS00a); adapterte (a) CIELAB data

navn	*L**=*L**a	*a**a	*b**a	*C**ab,a	*h**ab,a
R–,Ma	50.5	76.9	64.5	100.4	40
Y–,Ma	92.6	−20.7	90.7	93.0	102
G–,Ma	83.6	−82.7	79.9	115.0	136
C–,Ma	86.8	−46.1	−13.5	48.1	196
B–,Ma	30.3	76.0	−103.6	128.5	306
M–,Ma	57.3	94.3	−58.4	110.9	328
N–,Ma	0.0	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





RN890−7N_RGB 5−113034−L0

TUB registrering: 20150701-RN89/RN89L0FP.PDF /.PS
anvendelse for måling av display output

TUB-material: code=rha4ta

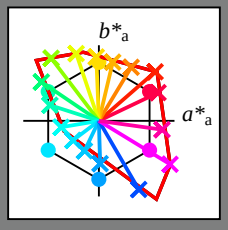
se lignende filer: http://130.149.60.45/~farbmetrik/RN89/RN89.HTM
teknisk informasjon: http://www.ps.bam.de eller http://130.149.60.45/~farbmetrik

Input og output: Fjernsyn-Lysfarge-System sRGB (TLS00a)

Data for ethvert apparat (d) eller elementæfarge (e):
***HIC**e**
fargetonetekst for fargene på denne siden:
***H**e = R00Ye, R25Ye, ..., B75Re**

sRGB (TLS00a); adapterte (a) CIELAB data

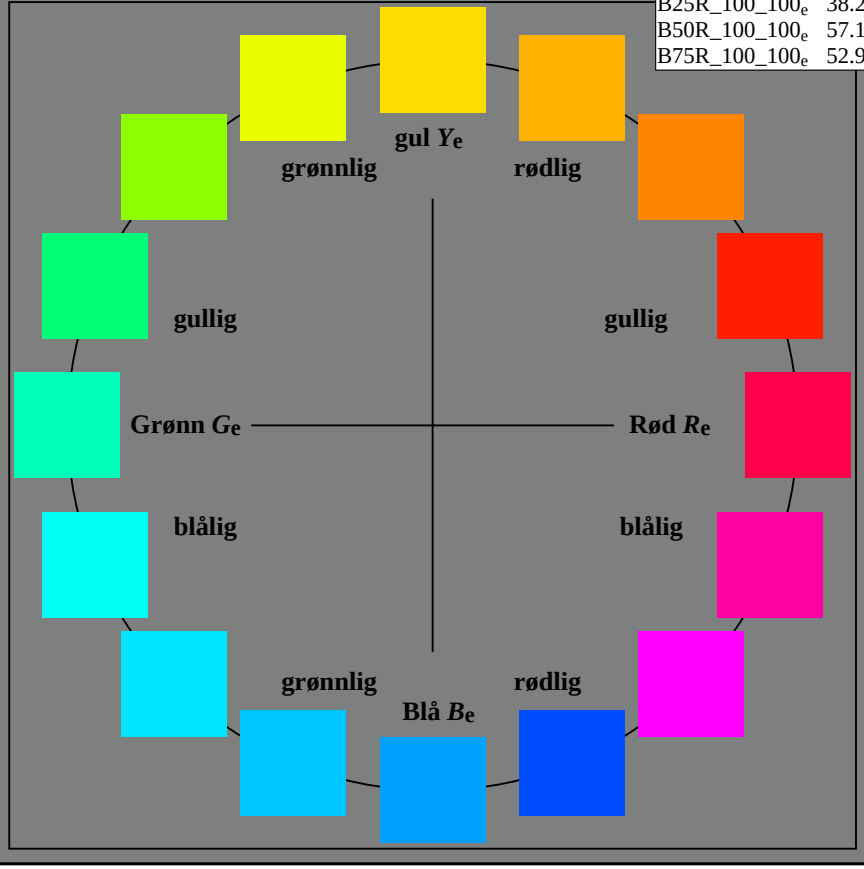
*H**e	*L**=*L**a	*a**a	*b**a	*C**ab,a	*h**ab,a
R00Y_100_100e	50.9	78.3	37.3	86.7	25
R25Y_100_100e	51.3	74.4	64.8	98.7	41
R50Y_100_100e	63.1	42.7	70.8	82.7	58
R75Y_100_100e	73.5	18.3	77.7	79.8	76
Y00G_100_100e	83.7	−3.4	84.5	84.5	92
Y25G_100_100e	91.0	−29.9	88.9	93.8	108
Y50G_100_100e	85.9	−63.0	82.8	104.1	127
Y75G_100_100e	84.1	−76.0	51.4	91.8	145
G00B_100_100e	85.1	−64.6	20.7	67.9	162
G25B_100_100e	86.5	−49.9	−8.4	50.6	189
G50B_100_100e	79.0	−34.2	−25.7	42.8	216
G75B_100_100e	70.0	−19.0	−39.6	43.9	244
B00R_100_100e	59.2	1.7	−56.6	56.6	271
B25R_100_100e	38.2	52.7	−90.7	104.9	300
B50R_100_100e	57.1	94.1	−57.4	110.3	328
B75R_100_100e	52.9	83.6	−11.6	84.4	352

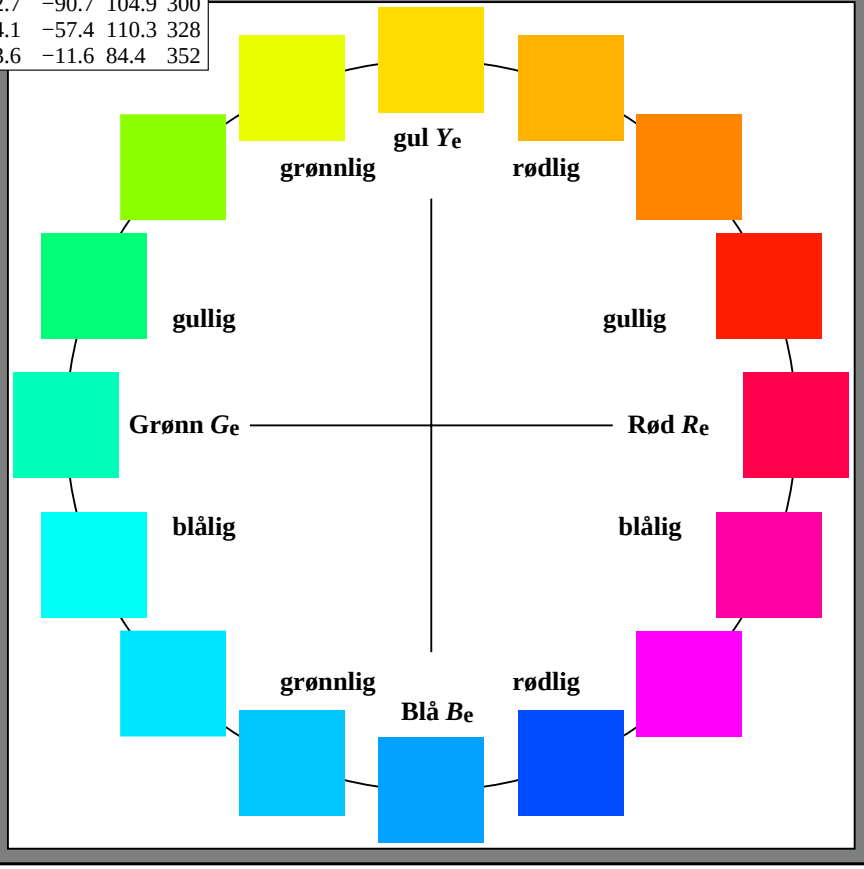


%Omfang
u*rel = 158
%Regularitet
g*H,rel = 19
g*C,rel = 37

sRGB (TLS00a); adapterte (a) CIELAB data

navn	*L**=*L**a	*a**a	*b**a	*C**ab,a	*h**ab,a
Re,Ma	50.9	78.3	37.3	86.7	25
Ye,Ma	83.7	−3.4	84.5	84.5	92
Ge,Ma	85.1	−64.6	20.7	67.9	162
Ce,Ma	79.0	−34.2	−25.7	42.8	216
Be,Ma	59.2	1.7	−56.6	56.6	271
Me,Ma	57.1	94.1	−57.4	110.3	328
Ne,Ma	0.0	0.0	0.0	0.0	0
We,Ma	95.4	0.0	0.0	0.0	0
Re,CIE	39.9	58.7	27.9	65.0	25
Ye,CIE	81.2	−2.8	71.5	71.6	92
Ge,CIE	52.2	−42.4	13.6	44.5	162
Be,CIE	30.5	1.4	−46.4	46.4	271





Input og output: Fjernsyn-Lysfarge-System sRGB (TLS00a)

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

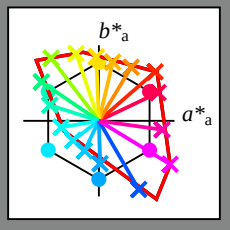
***HIC**e**

fargetonetekst for fargene på denne siden:

***H**e = R00Ye, R25Ye, ..., B75Re**

sRGB (TLS00a); adapterte (a) CIELAB data

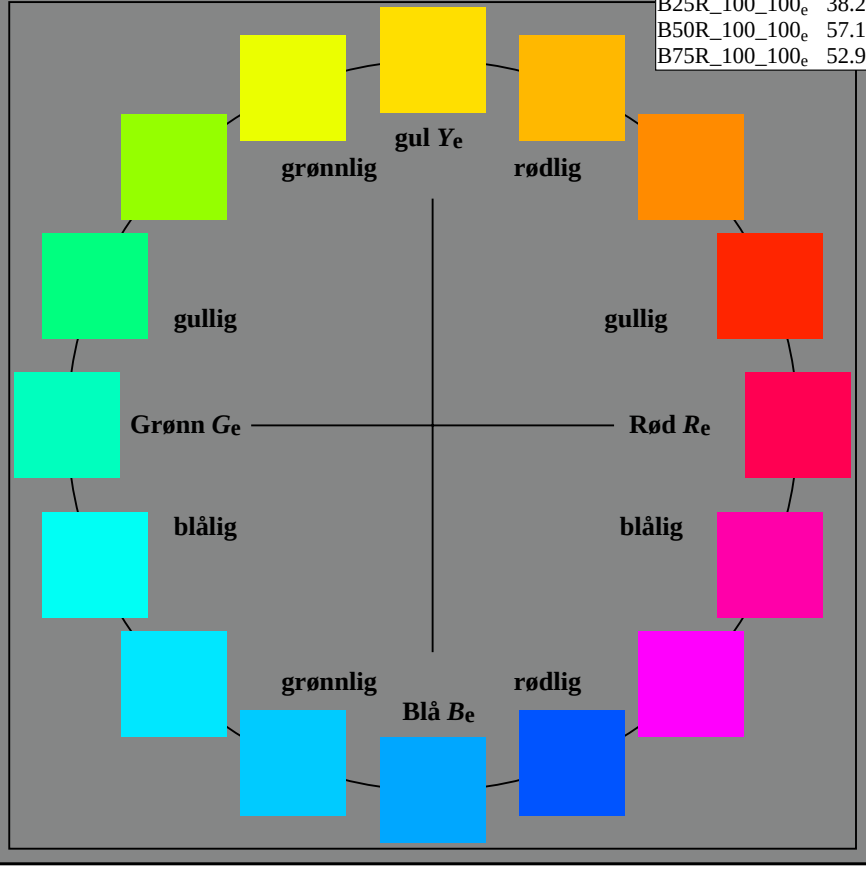
*H**e	*L**=*L**a	*a**a	*b**a	*C**ab,a	*h**ab,a
R00Y_100_100e	50.9	78.3	37.3	86.7	25
R25Y_100_100e	51.3	74.4	64.8	98.7	41
R50Y_100_100e	63.1	42.7	70.8	82.7	58
R75Y_100_100e	73.5	18.3	77.7	79.8	76
Y00G_100_100e	83.7	−3.4	84.5	84.5	92
Y25G_100_100e	91.0	−29.9	88.9	93.8	108
Y50G_100_100e	85.9	−63.0	82.8	104.1	127
Y75G_100_100e	84.1	−76.0	51.4	91.8	145
G00B_100_100e	85.1	−64.6	20.7	67.9	162
G25B_100_100e	86.5	−49.9	−8.4	50.6	189
G50B_100_100e	79.0	−34.2	−25.7	42.8	216
G75B_100_100e	70.0	−19.0	−39.6	43.9	244
B00R_100_100e	59.2	1.7	−56.6	56.6	271
B25R_100_100e	38.2	52.7	−90.7	104.9	300
B50R_100_100e	57.1	94.1	−57.4	110.3	328
B75R_100_100e	52.9	83.6	−11.6	84.4	352

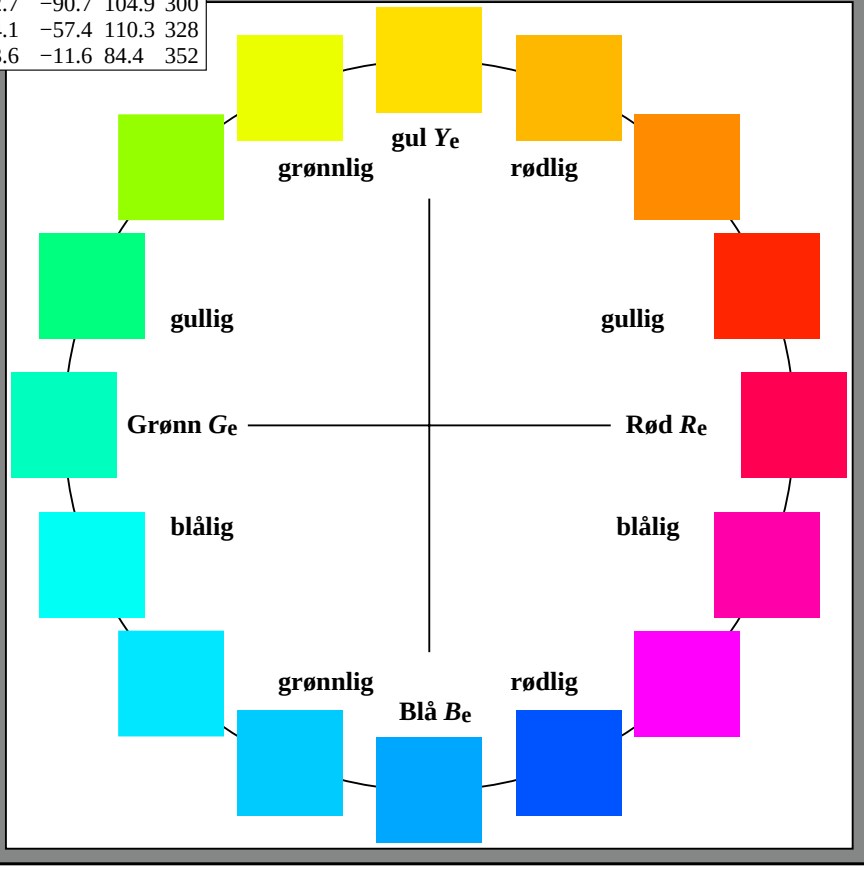


%Omfang
u*rel = 158
%Regularitet
g*H,rel = 19
g*C,rel = 37

sRGB (TLS00a); adapterte (a) CIELAB data

navn	*L**=*L**a	*a**a	*b**a	*C**ab,a	*h**ab,a
Re,Ma	50.9	78.3	37.3	86.7	25
Ye,Ma	83.7	−3.4	84.5	84.5	92
Ge,Ma	85.1	−64.6	20.7	67.9	162
Ce,Ma	79.0	−34.2	−25.7	42.8	216
Be,Ma	59.2	1.7	−56.6	56.6	271
Me,Ma	57.1	94.1	−57.4	110.3	328
Ne,Ma	0.0	0.0	0.0	0.0	0
We,Ma	95.4	0.0	0.0	0.0	0
Re,CIE	39.9	58.7	27.9	65.0	25
Ye,CIE	81.2	−2.8	71.5	71.6	92
Ge,CIE	52.2	−42.4	13.6	44.5	162
Be,CIE	30.5	1.4	−46.4	46.4	271





Input og output: Fjernsyn-Lysfarge-System sRGB (TLS00a)

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

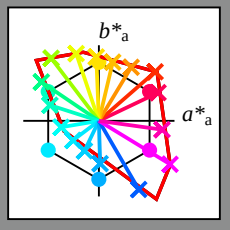
***HIC**e**

fargetonetekst for fargene på denne siden:

***H**e = R00Ye, R25Ye, ..., B75Re**

sRGB (TLS00a); adapterte (a) CIELAB data

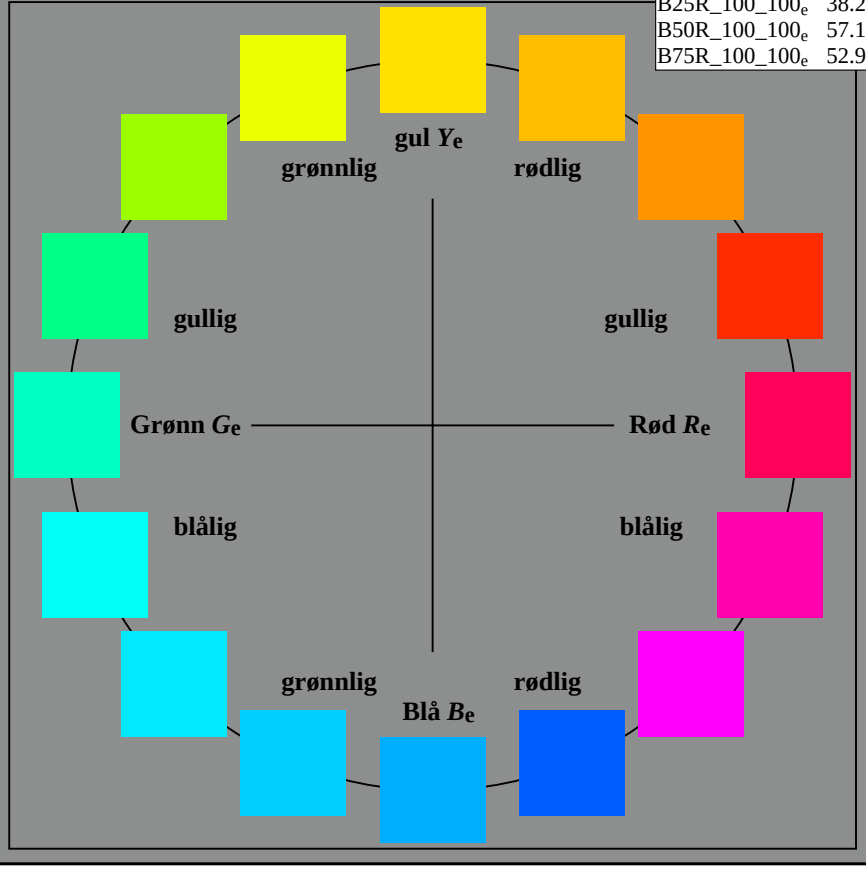
*H**e	*L**=*L**a	*a**a	*b**a	*C**ab,a	*h**ab,a
R00Y_100_100e	50.9	78.3	37.3	86.7	25
R25Y_100_100e	51.3	74.4	64.8	98.7	41
R50Y_100_100e	63.1	42.7	70.8	82.7	58
R75Y_100_100e	73.5	18.3	77.7	79.8	76
Y00G_100_100e	83.7	−3.4	84.5	84.5	92
Y25G_100_100e	91.0	−29.9	88.9	93.8	108
Y50G_100_100e	85.9	−63.0	82.8	104.1	127
Y75G_100_100e	84.1	−76.0	51.4	91.8	145
G00B_100_100e	85.1	−64.6	20.7	67.9	162
G25B_100_100e	86.5	−49.9	−8.4	50.6	189
G50B_100_100e	79.0	−34.2	−25.7	42.8	216
G75B_100_100e	70.0	−19.0	−39.6	43.9	244
B00R_100_100e	59.2	1.7	−56.6	56.6	271
B25R_100_100e	38.2	52.7	−90.7	104.9	300
B50R_100_100e	57.1	94.1	−57.4	110.3	328
B75R_100_100e	52.9	83.6	−11.6	84.4	352

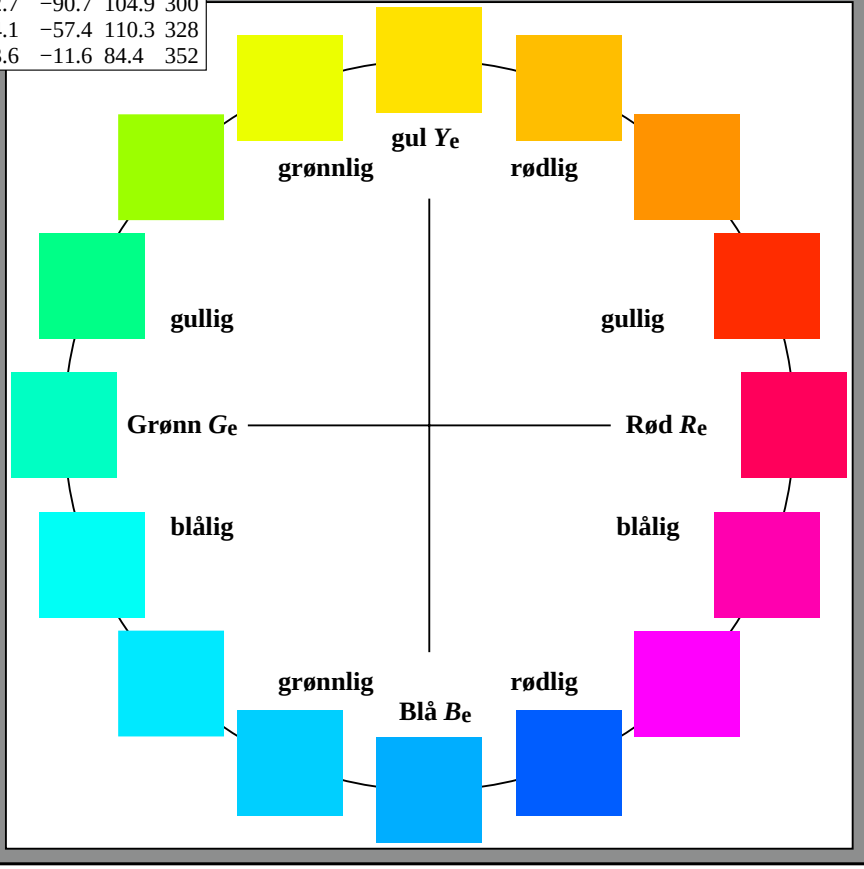


%Omfang
u*rel = 158
%Regularitet
g*H,rel = 19
g*C,rel = 37

sRGB (TLS00a); adapterte (a) CIELAB data

navn	*L**=*L**a	*a**a	*b**a	*C**ab,a	*h**ab,a
Re,Ma	50.9	78.3	37.3	86.7	25
Ye,Ma	83.7	−3.4	84.5	84.5	92
Ge,Ma	85.1	−64.6	20.7	67.9	162
Ce,Ma	79.0	−34.2	−25.7	42.8	216
Be,Ma	59.2	1.7	−56.6	56.6	271
Me,Ma	57.1	94.1	−57.4	110.3	328
Ne,Ma	0.0	0.0	0.0	0.0	0
We,Ma	95.4	0.0	0.0	0.0	0
Re,CIE	39.9	58.7	27.9	65.0	25
Ye,CIE	81.2	−2.8	71.5	71.6	92
Ge,CIE	52.2	−42.4	13.6	44.5	162
Be,CIE	30.5	1.4	−46.4	46.4	271





Input og output: Fjernsyn-Lysfarge-System sRGB (TLS00a)

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

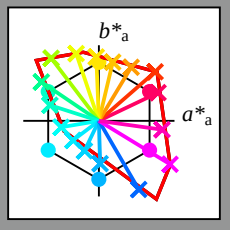
***HIC**e**

fargetonetekst for fargene på denne siden:

***H**e = R00Ye, R25Ye, ..., B75Re**

sRGB (TLS00a); adapterte (a) CIELAB data

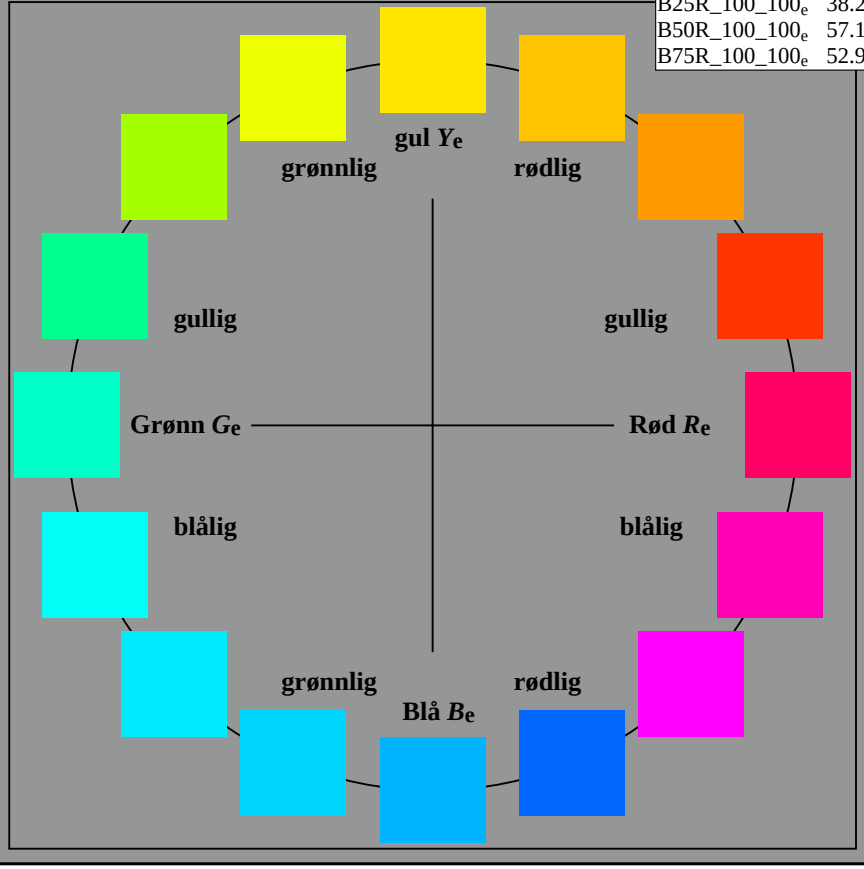
*H**e	*L**=*L**a	*a**a	*b**a	*C**ab,a	*h**ab,a
R00Y_100_100e	50.9	78.3	37.3	86.7	25
R25Y_100_100e	51.3	74.4	64.8	98.7	41
R50Y_100_100e	63.1	42.7	70.8	82.7	58
R75Y_100_100e	73.5	18.3	77.7	79.8	76
Y00G_100_100e	83.7	−3.4	84.5	84.5	92
Y25G_100_100e	91.0	−29.9	88.9	93.8	108
Y50G_100_100e	85.9	−63.0	82.8	104.1	127
Y75G_100_100e	84.1	−76.0	51.4	91.8	145
G00B_100_100e	85.1	−64.6	20.7	67.9	162
G25B_100_100e	86.5	−49.9	−8.4	50.6	189
G50B_100_100e	79.0	−34.2	−25.7	42.8	216
G75B_100_100e	70.0	−19.0	−39.6	43.9	244
B00R_100_100e	59.2	1.7	−56.6	56.6	271
B25R_100_100e	38.2	52.7	−90.7	104.9	300
B50R_100_100e	57.1	94.1	−57.4	110.3	328
B75R_100_100e	52.9	83.6	−11.6	84.4	352

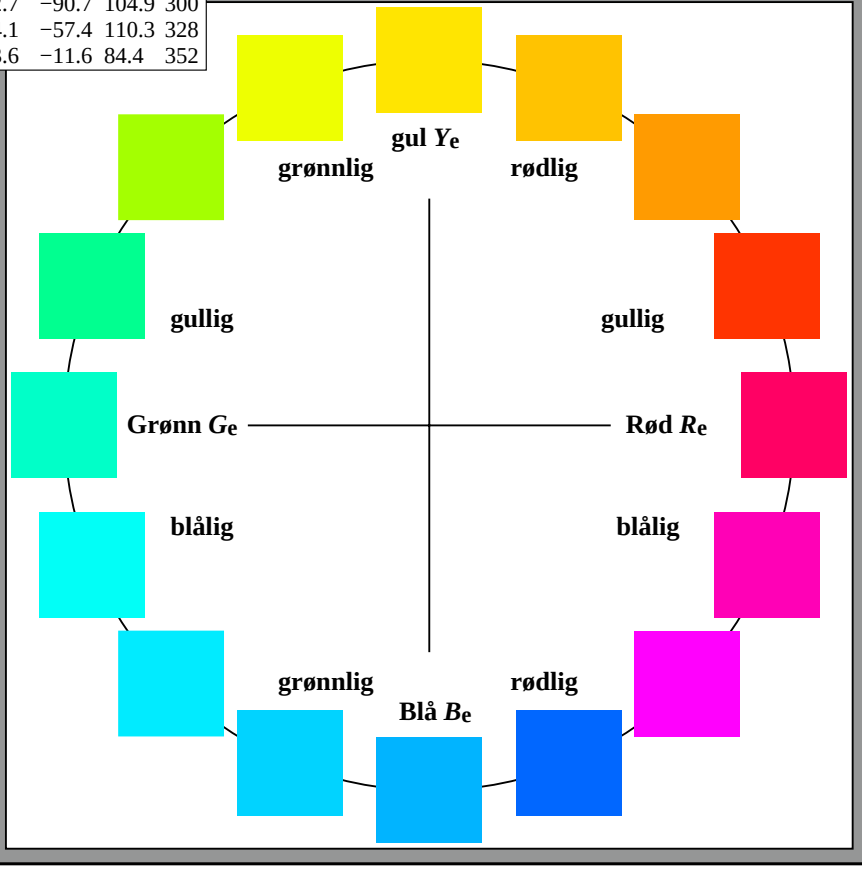


%Omfang
u*rel = 158
%Regularitet
g*H,rel = 19
g*C,rel = 37

sRGB (TLS00a); adapterte (a) CIELAB data

navn	*L**=*L**a	*a**a	*b**a	*C**ab,a	*h**ab,a
Re,Ma	50.9	78.3	37.3	86.7	25
Ye,Ma	83.7	−3.4	84.5	84.5	92
Ge,Ma	85.1	−64.6	20.7	67.9	162
Ce,Ma	79.0	−34.2	−25.7	42.8	216
Be,Ma	59.2	1.7	−56.6	56.6	271
Me,Ma	57.1	94.1	−57.4	110.3	328
Ne,Ma	0.0	0.0	0.0	0.0	0
We,Ma	95.4	0.0	0.0	0.0	0
Re,CIE	39.9	58.7	27.9	65.0	25
Ye,CIE	81.2	−2.8	71.5	71.6	92
Ge,CIE	52.2	−42.4	13.6	44.5	162
Be,CIE	30.5	1.4	−46.4	46.4	271



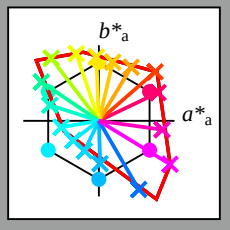


Input og output: Fjernsyn-Lysfarge-System sRGB (TLS00a)

Data for ethvert apparat (d) eller elementæfarge (e):
***HIC**e**
fargetonetekst for fargene på denne siden:
***H**e = R00Ye, R25Ye, ..., B75Re**

sRGB (TLS00a); adapterte (a) CIELAB data

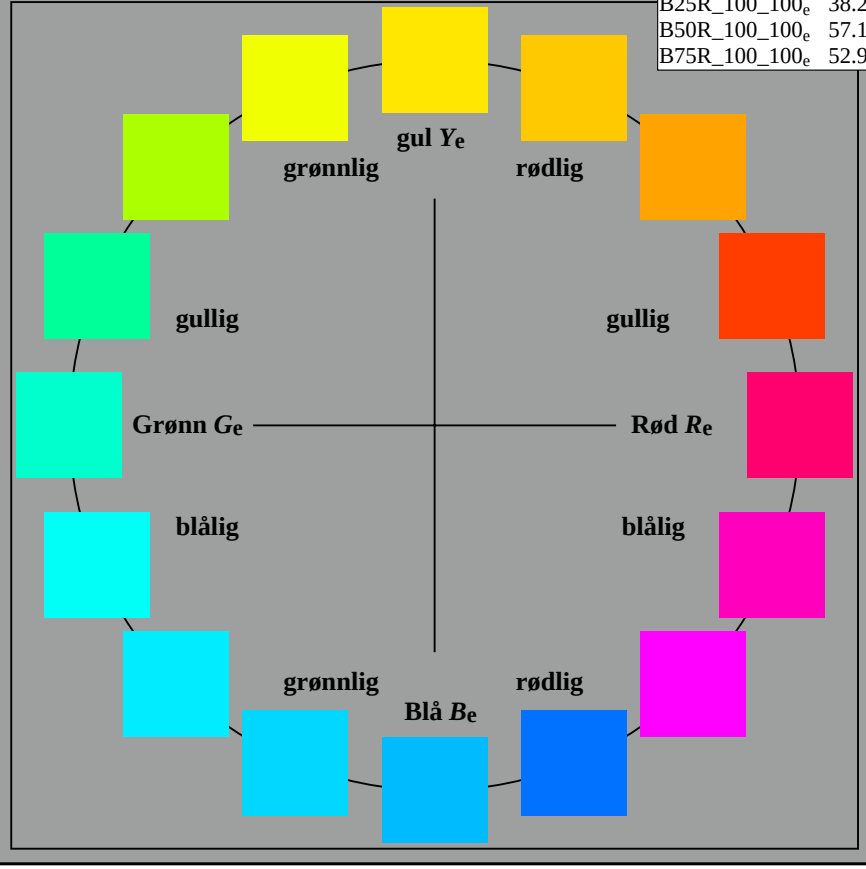
*H**e	*L**=*L**a	*a**a	*b**a	*C**ab,a	*h**ab,a
R00Y_100_100e	50.9	78.3	37.3	86.7	25
R25Y_100_100e	51.3	74.4	64.8	98.7	41
R50Y_100_100e	63.1	42.7	70.8	82.7	58
R75Y_100_100e	73.5	18.3	77.7	79.8	76
Y00G_100_100e	83.7	−3.4	84.5	84.5	92
Y25G_100_100e	91.0	−29.9	88.9	93.8	108
Y50G_100_100e	85.9	−63.0	82.8	104.1	127
Y75G_100_100e	84.1	−76.0	51.4	91.8	145
G00B_100_100e	85.1	−64.6	20.7	67.9	162
G25B_100_100e	86.5	−49.9	−8.4	50.6	189
G50B_100_100e	79.0	−34.2	−25.7	42.8	216
G75B_100_100e	70.0	−19.0	−39.6	43.9	244
B00R_100_100e	59.2	1.7	−56.6	56.6	271
B25R_100_100e	38.2	52.7	−90.7	104.9	300
B50R_100_100e	57.1	94.1	−57.4	110.3	328
B75R_100_100e	52.9	83.6	−11.6	84.4	352

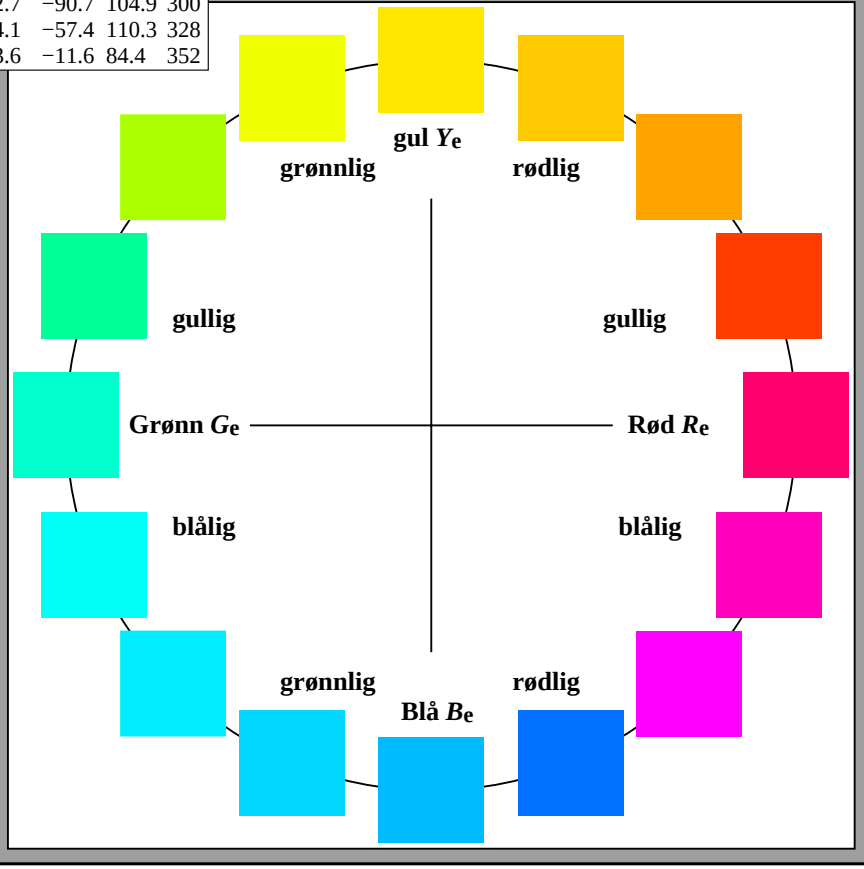


%Omfang
u*rel = 158
%Regularitet
g*H,rel = 19
g*C,rel = 37

sRGB (TLS00a); adapterte (a) CIELAB data

navn	*L**=*L**a	*a**a	*b**a	*C**ab,a	*h**ab,a
Re,Ma	50.9	78.3	37.3	86.7	25
Ye,Ma	83.7	−3.4	84.5	84.5	92
Ge,Ma	85.1	−64.6	20.7	67.9	162
Ce,Ma	79.0	−34.2	−25.7	42.8	216
Be,Ma	59.2	1.7	−56.6	56.6	271
Me,Ma	57.1	94.1	−57.4	110.3	328
Ne,Ma	0.0	0.0	0.0	0.0	0
We,Ma	95.4	0.0	0.0	0.0	0
Re,CIE	39.9	58.7	27.9	65.0	25
Ye,CIE	81.2	−2.8	71.5	71.6	92
Ge,CIE	52.2	−42.4	13.6	44.5	162
Be,CIE	30.5	1.4	−46.4	46.4	271

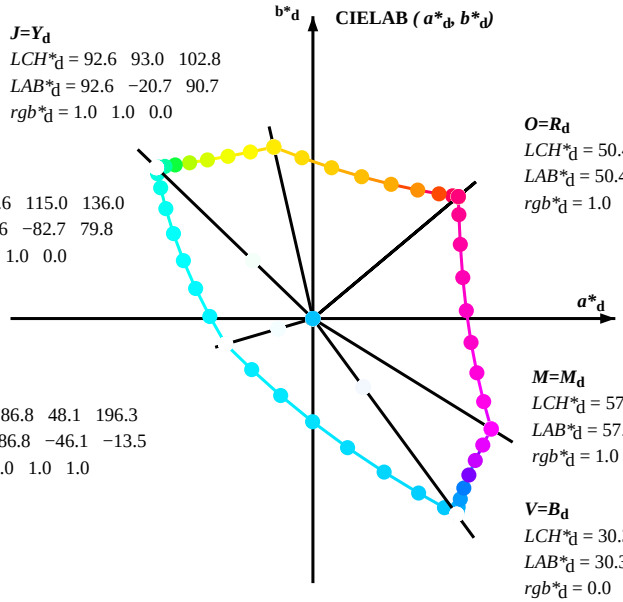




TUB-prøveplansje RN89; 16-trinns fargetonesirkel, *cf*=1
prøveplansje infølge DIN 33872

input: *rgb/cmyk* −> rgb_{de}
output: 3D-linearisering til 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 *RYGCBM*$_s$: $h_{ab,ds}$ = 30.0, 90.0, 150.0, 210.0, 270.0, 330.0; seks fargetonevinkler til apparatfargene *RYGCBM*$_d$: $h_{ab,d}$ = 40.0, 102.9, 136.0, 196.4, 306.3, 328.2; seks fargetonevinkler til elementærfargene *RYGCBM*$_e$: $h_{ab,e}$ = 25.5, 92.3, 162.2, 217.0, 271.7, 328.6



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

J=Y_d
LCH^*_d = 92.6 93.0 102.8
LAB^*_d = 92.6 −20.7 90.7
rgb^*_d = 1.0 1.0 0.0

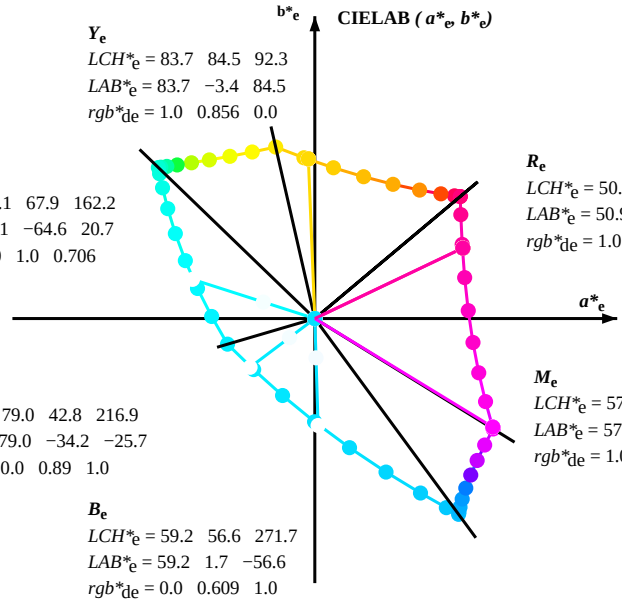
O=R_d
LCH^*_d = 50.4 100.4 40.0
LAB^*_d = 50.4 76.9 64.5
rgb^*_d = 1.0 0.0 0.0

L=G_d
LCH^*_d = 83.6 115.0 136.0
LAB^*_d = 83.6 −82.7 79.8
rgb^*_d = 0.0 1.0 0.0

M=M_d
LCH^*_d = 57.2 110.9 328.2
LAB^*_d = 57.2 94.3 −58.4
rgb^*_d = 1.0 0.0 1.0

C=C_d
LCH^*_d = 86.8 48.1 196.3
LAB^*_d = 86.8 −46.1 −13.5
rgb^*_d = 0.0 1.0 1.0

V=B_d
LCH^*_d = 30.3 128.5 306.2
LAB^*_d = 30.3 76.0 −103.5
rgb^*_d = 0.0 0.0 1.0



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

Y_e
LCH^*_e = 83.7 84.5 92.3
LAB^*_e = 83.7 −3.4 84.5
rgb^*_{de} = 1.0 0.856 0.0

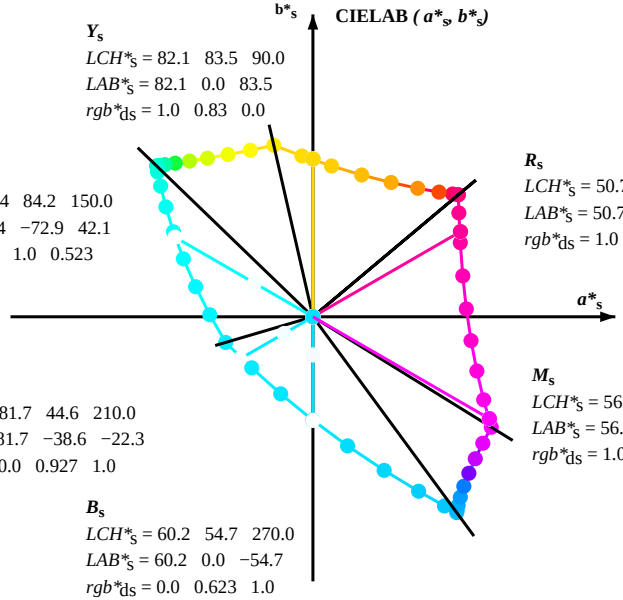
R_e
LCH^*_e = 50.9 86.7 25.4
LAB^*_e = 50.9 78.3 37.3
rgb^*_{de} = 1.0 0.0 0.263

G_e
LCH^*_e = 85.1 67.9 162.2
LAB^*_e = 85.1 −64.6 20.7
rgb^*_{de} = 0.0 1.0 0.706

M_e
LCH^*_e = 57.1 110.3 328.6
LAB^*_e = 57.1 94.1 −57.4
rgb^*_{de} = 1.0 0.0 0.991

C_e
LCH^*_e = 79.0 42.8 216.9
LAB^*_e = 79.0 −34.2 −25.7
rgb^*_{de} = 0.0 0.89 1.0

B_e
LCH^*_e = 59.2 56.6 271.7
LAB^*_e = 59.2 1.7 −56.6
rgb^*_{de} = 0.0 0.609 1.0



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

Y_s
LCH^*_s = 82.1 83.5 90.0
LAB^*_s = 82.1 0.0 83.5
rgb^*_{ds} = 1.0 0.83 0.0

R_s
LCH^*_s = 50.7 90.1 30.0
LAB^*_s = 50.7 78.0 45.0
rgb^*_{ds} = 1.0 0.0 0.202

G_s
LCH^*_s = 84.4 84.2 150.0
LAB^*_s = 84.4 −72.9 42.1
rgb^*_{ds} = 0.0 1.0 0.523

M_s
LCH^*_s = 56.7 107.7 330.0
LAB^*_s = 56.7 93.3 −53.8
rgb^*_{ds} = 1.0 0.0 0.962

C_s
LCH^*_s = 81.7 44.6 210.0
LAB^*_s = 81.7 −38.6 −22.3
rgb^*_{ds} = 0.0 0.927 1.0

B_s
LCH^*_s = 60.2 54.7 270.0
LAB^*_s = 60.2 0.0 −54.7
rgb^*_{ds} = 0.0 0.623 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

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

$h_{ab,s}$

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

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

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

$h_{ab,e}$

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

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

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

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

rgb^*_{de}

RN890−73 5−113634−L0 LAB*la0, YN=0%, XYZnw=0.0, 0.0, 0.0, 84.2, 88.6, 96.5, LAB*nw=0.0, 0.0, 0.0, 95.4, 0.0, 0.0 output: Offset standard print; separation cmyn6*, D65, side 7/33

TUB-prøveplansje RN89; 16-trinns fargetonesirkel, *cf*=1
48-trinns fargetonesirkel; *rgb−LabCh**tabeller

input: *rgb/cmyk −> rgb*$_{de}$
output: 3D-linearisering til *rgb**$_{de}$

5−113634−F0

Data til maksimalfargen M in fargemetrisk system Offset standard print; separation cmyn6*, 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*$_d$: $h_{ab,d}$ = 40.0, 102.9, 136.0, 196.4, 306.3, 328.2; seks fargetonevinkler til elementærfargene *RYGCBM*$_e$: $h_{ab,e}$ = 25.5, 92.3, 162.2, 217.0, 271.7, 328.6

$h_{ab,d}$	$h_{ab,s}$	$h_{ab,e}$	*rgb**dd64M			*LAB**ddx64M (x=LabCh)					*rgb**ddx361M			*LAB**ddx361M (x=LabCh)					*rgb**dsx361M			*LAB**dsx361M (x=LabCh)					*rgb**dex361M			*LAB**dex361M					rgb*$_{dd}$	*rgb**$_{ds}$	*rgb**$_{de}$
40.0	30.0	25.4	1.0	0.0	0.0	50.4	76.9	64.5	100.4	40.0	1.0	0.0	0.0	50.5	76.9	64.6	100.4	40	1.0	0.0	0.203	50.8	78.0	45.1	90.1	30	1.0	0.0	0.263	50.9	78.3	37.3	86.7	25			
41.3	37.5	33.8	1.0	0.125	0.0	51.5	73.9	64.9	98.3	41.3	1.0	0.117	0.0	51.5	74.1	64.9	98.5	41	1.0	0.0	0.082	50.6	77.2	58.2	96.7	37	1.0	0.0	0.156	50.7	77.7	51.0	92.9	33			
44.6	45.0	42.1	1.0	0.25	0.0	54.0	66.7	65.9	93.8	44.6	1.0	0.25	0.0	54.1	66.7	66.0	93.8	44	1.0	0.256	0.0	54.3	66.1	66.1	93.5	45	1.0	0.157	0.0	52.2	72.0	65.3	97.2	42			
50.7	52.5	50.5	1.0	0.375	0.0	58.2	55.4	67.9	87.7	50.7	1.0	0.367	0.0	57.9	56.2	67.9	88.2	50	1.0	0.392	0.0	58.9	53.6	68.6	87.0	52	1.0	0.358	0.0	57.7	56.9	67.8	88.6	49			
59.7	60.0	58.8	1.0	0.5	0.0	63.6	41.3	71.0	82.2	59.7	1.0	0.5	0.0	63.7	41.4	71.0	82.2	59	1.0	0.502	0.0	63.8	41.1	71.2	82.2	60	1.0	0.488	0.0	63.1	42.8	70.9	82.8	58			
71.0	67.5	67.2	1.0	0.625	0.0	70.1	25.7	75.0	79.3	71.0	1.0	0.617	0.0	69.7	26.8	74.9	79.6	70	1.0	0.58	0.0	67.8	31.4	74.0	80.4	67	1.0	0.577	0.0	67.6	31.8	73.9	80.5	66			
82.9	75.0	75.6	1.0	0.75	0.0	77.2	9.8	79.7	80.4	82.9	1.0	0.75	0.0	77.2	9.8	79.8	80.4	82	1.0	0.667	0.0	72.5	20.6	77.0	79.7	75	1.0	0.673	0.0	72.8	19.8	77.3	79.8	75			
93.8	82.5	83.9	1.0	0.875	0.0	84.8	−5.7	85.0	85.2	93.8	1.0	0.867	0.0	84.3	−4.6	84.8	85.0	93	1.0	0.74	0.0	76.7	11.2	79.5	80.3	82	1.0	0.755	0.0	77.5	9.3	80.1	80.6	83			
102.8	90.0	92.3	1.0	1.0	0.0	92.6	−20.7	90.7	93.0	102.8	1.0	1.0	0.0	92.7	−20.6	90.8	93.1	102	1.0	0.831	0.0	82.1	0.0	83.5	83.5	90	1.0	0.857	0.0	83.7	−3.3	84.5	84.6	92			
110.5	97.5	101.0	0.875	1.0	0.0	90.4	−33.1	88.1	94.1	110.5	0.883	1.0	0.0	90.6	−32.2	88.4	94.1	110	1.0	0.918	0.0	87.5	−10.6	87.3	88.0	97	1.0	0.967	0.0	90.6	−16.4	89.5	91.0	100			
117.6	105.0	109.7	0.75	1.0	0.0	88.5	−44.9	85.8	96.8	117.6	0.75	1.0	0.0	88.5	−44.8	85.8	96.9	117	0.965	1.0	0.0	92.0	−24.1	90.2	93.4	105	0.888	1.0	0.0	90.7	−31.7	88.5	94.0	109			
123.6	112.5	118.5	0.625	1.0	0.0	86.9	−55.8	83.9	100.7	123.6	0.633	1.0	0.0	87.1	−55.0	84.1	100.5	123	0.85	1.0	0.0	90.1	−35.4	87.8	94.7	112	0.743	1.0	0.0	88.5	−45.4	85.8	97.1	117			
128.3	120.0	127.2	0.5	1.0	0.0	85.7	−65.2	82.4	105.1	128.3	0.5	1.0	0.0	85.7	−65.1	82.4	105.1	128	0.7	1.0	0.0	87.9	−49.1	85.3	98.4	120	0.529	1.0	0.0	86.0	−62.9	82.9	104.1	127			
131.8	127.5	136.0	0.375	1.0	0.0	84.7	−72.8	81.2	109.1	131.8	0.383	1.0	0.0	84.8	−72.2	81.4	108.9	131	0.536	1.0	0.0	86.1	−62.4	83.0	103.9	127	0.132	1.0	0.0	83.8	−81.2	80.1	114.1	135			
134.1	135.0	144.7	0.25	1.0	0.0	84.1	−78.2	80.5	112.2	134.1	0.25	1.0	0.0	84.1	−78.2	80.5	112.3	134	0.173	1.0	0.0	83.9	−80.2	80.3	113.5	135	0.0	1.0	0.41	84.1	−76.8	54.3	94.1	144			
135.5	142.5	153.4	0.125	1.0	0.0	83.7	−81.4	80.0	114.2	135.5	0.133	1.0	0.0	83.8	−81.2	80.1	114.1	135	0.0	1.0	0.335	83.9	−78.7	61.6	100.0	142	0.0	1.0	0.573	84.6	−70.9	36.3	79.8	152			
136.0	150.0	162.2	0.0	1.0	0.0	83.6	−82.7	79.8	115.0	136.0	0.0	1.0	0.0	83.6	−82.7	79.9	115.0	136	0.0	1.0	0.523	84.4	−72.9	42.1	84.3	150	0.0	1.0	0.706	85.2	−64.6	20.7	67.9	162			
137.0	157.5	169.0	0.0	1.0	0.125	83.6	−82.1	76.6	112.3	137.0	0.0	1.0	0.117	83.7	−82.1	76.8	112.5	136	0.0	1.0	0.639	84.9	−67.8	28.8	73.8	157	0.0	1.0	0.778	85.5	−60.6	12.2	61.9	168			
139.3	165.0	175.9	0.0	1.0	0.25	83.8	−80.5	69.1	106.1	139.3	0.0	1.0	0.25	83.8	−80.5	69.1	106.2	139	0.0	1.0	0.742	85.3	−62.5	16.8	64.8	165	0.0	1.0	0.847	85.9	−56.4	4.0	56.7	175			
143.2	172.5	182.7	0.0	1.0	0.375	84.0	−77.8	58.1	97.1	143.2	0.0	1.0	0.367	84.0	−77.9	58.9	97.7	142	0.0	1.0	0.81	85.7	−58.8	8.3	59.5	172	0.0	1.0	0.9	86.2	−53.2	−2.0	53.3	182			
148.6	180.0	189.6	0.0	1.0	0.5	84.3	−73.7	44.9	86.4	148.6	0.0	1.0	0.5	84.3	−73.7	45.0	86.4	148	0.0	1.0	0.883	86.1	−54.1	0.0	54.2	180	0.0	1.0	0.952	86.6	−49.8	−8.3	50.6	189			
155.8	187.5	196.4	0.0	1.0	0.625	84.7	−68.5	30.6	75.0	155.8	0.0	1.0	0.617	84.8	−68.8	31.5	75.8	155	0.0	1.0	0.933	86.4	−51.1	−6.2	51.6	187	0.0	1.0	0.997	86.9	−46.3	−13.2	48.3	195			
165.6	195.0	203.2	0.0	1.0	0.75	85.3	−62.0	15.9	64.0	165.6	0.0	1.0	0.75	85.4	−62.0	15.9	64.1	165	0.0	1.0	0.99	86.8	−46.9	−12.5	48.6	195	0.0	0.963	1.0	84.3	−42.5	−18.2	46.4	203			
178.8	202.5	210.1	0.0	1.0	0.875	86.0	−54.5	1.0	54.5	178.8	0.0	1.0	0.867	86.0	−55.1	2.0	55.2	177	0.0	0.97	1.0	84.7	−43.2	−17.4	46.7	202	0.0	0.929	1.0	81.8	−38.8	−22.1	44.7	209			
196.3	210.0	216.9	0.0	1.0	1.0	86.8	−46.1	−13.5	48.1	196.3	0.0	1.0	1.0	86.9	−46.1	−13.5	48.1	196	0.0	0.927	1.0	81.7	−38.6	−22.2	44.7	210	0.0	0.89	1.0	79.1	−34.2	−25.7	42.9	216			
219.8	217.5	223.8	0.0	0.875	1.0	77.9	−32.3	−27.0	42.1	219.8	0.0	0.883	1.0	78.6	−33.3	−26.3	42.6	218	0.0	0.89	1.0	79.1	−34.1	−25.7	42.9	217	0.0	0.859	1.0	76.9	−30.7	−29.0	42.4	223			
247.2	225.0	230.6	0.0	0.75	1.0	69.1	−17.0	−40.7	44.1	247.2	0.0	0.75	1.0	69.1	−17.0	−40.6	44.2	247	0.0	0.851	1.0	76.3	−30.0	−30.0	42.5	225	0.0	0.826	1.0	74.5	−27.1	−33.1	43.0	230			
269.8	232.5	237.5	0.0	0.625	1.0	60.3	−0.1	−54.6	54.6	269.8	0.0	0.633	1.0	60.9	−1.5	−53.8	53.9	268	0.0	0.82	1.0	74.1	−26.4	−33.8	43.1	232	0.0	0.797	1.0	72.4	−23.5	−36.3	43.4	237			
285.0	240.0	244.3	0.0	0.5	1.0	51.7	18.3	−68.3	70.7	285.0	0.0	0.5	1.0	51.8	18.3	−68.2	70.7	285	0.0	0.783	1.0	71.5	−21.7	−37.7	43.6	240	0.0	0.763	1.0	70.1	−18.9	−39.5	44.0	244			
294.8	247.5	251.2	0.0	0.375	1.0	43.8	37.6	−81.2	89.5	294.8	0.0	0.383	1.0	44.4	36.2	−80.4	88.3	294	0.0	0.751	1.0	69.2	−17.2	−40.6	44.2	247	0.0	0.731	1.0	67.8	−15.0	−43.1	45.8	250			
301.1	255.0	258.0	0.0	0.25	1.0	37.1	55.9	−92.3	107.9	301.1	0.0	0.25	1.0	37.2	55.9	−92.2	107.9	301	0.0	0.707	1.0	66.1	−12.3	−46.0	47.8	255	0.0	0.69	1.0	64.9	−10.1	−48.0	49.2	258			
304.8	262.5	264.8	0.0	0.125	1.0	32.4	69.5	−100.0	121.8	304.8	0.0	0.133	1.0	32.8	68.6	−99.5	121.0	304	0.0	0.668	1.0	63.4	−7.0	−50.4	51.0	262	0.0	0.655	1.0	62.4	−5.0	−51.8	52.1	264			
306.2	270.0	271.7	0.0	0.0	1.0	30.3	76.0	−103.5	128.5	306.2	0.0	0.0	1.0	30.4	76.1	−103.5	128.5	306	0.0	0.624	1.0	60.2	0.0	−54.7	54.8	270	0.0	0.609	1.0	59.3	1.7	−56.5	56.6	271			
306.6	277.5	278.8	0.125	0.0	1.0	31.0	76.2	−102.4	127.7	306.6	0.117	0.0	1.0	31.0	76.3	−102.5	127.8	306	0.0	0.566	1.0	56.3	7.6	−61.7	62.2	277	0.0	0.555	1.0	55.5	9.3	−62.9	63.7	278			
307.5	285.0	285.9	0.25	0.0	1.0	32.6	76.8	−99.8	125.9	307.5	0.25	0.0	1.0	32.6	76.8	−99.7	126.0	307	0.0	0.5	1.0	51.8	18.3	−68.2	70.7	285	0.0	0.488	1.0	51.0	19.9	−69.6	72.5	285			
309.2	292.5	293.0	0.375	0.0	1.0	35.1	77.9	−95.5	123.3	309.2	0.367	0.0	1.0	35.0	77.9	−95.7	123.5	309	0.0	0.412	1.0	46.2	31.5	−77.8	84.1	292	0.0	0.404	1.0	45.7	32.7	−78.5	85.2	292			
311.6	300.0	300.1	0.5	0.0	1.0	38.5	79.8	−89.7	120.0	311.6	0.5	0.0	1.0	38.6	79.9	−89.6	120.1	311	0.0	0.274	1.0	38.4	52.2	−90.4	104.5	300	0.0	0.27	1.0	38.2	52.8	−90.6	105.0	300			
314.8	307.5	307.2	0.625	0.0	1.0	42.7	82.5	−82.7	116.8	314.8	0.617	0.0	1.0	42.4	82.3	−83.2	117.1	314	0.172	0.0	1.0	31.6	76.5	−101.4	127.1	307	0.146	0.0	1.0	31.3	76.4	−102.0	127.5	306			
318.8	315.0	314.3	0.75	0.0	1.0	47.2	85.8	−75.1	114.0	318.8	0.75	0.0	1.0	47.3	85.9	−75.0	114.1	318	0.628	0.0	1.0	42.8	82.6	−82.5	116.8	315	0.605	0.0	1.0	42.1	82.1	−83.8	117.4	314			
323.3	322.5	321.4	0.875	0.0	1.0	52.1	89.8	−66.9	112.0	323.3	0.867	0.0	1.0	51.9	89.6	−67.4	112.2	323	0.838	0.0	1.0	50.7	88.8	−69.3	112.7	322	0.811	0.0	1.0	49.7	87.9	−71.0	113.1	321			
328.2	330.0	328.6	1.0	0.0	1.0	57.2	94.3	−58.4	110.9	328.2	1.0	0.0	1.0	57.3	94.4	−58.3	111.0	328	1.0	0.0	0.962	56.8	93.4	−53.8	107.8	330	1.0	0.0	0.992	57.2	94.2	−57.4	110.3	328			
334.0	337.5	335.7	1.0	0.0	0.875	55.6	90.3	−43.9	100.4	334.0	1.0	0.0	0.883	55.8	90.7	−44.8	101.1	333	1.0	0.0	0.827	55.1	89.2	−37.8	96.9	337	1.0	0.0	0.856	55.4	89.9	−41.4	99.0	335			
341.6	345.0	342.8	1.0	0.0	0.75	54.2	86.7	−28.6	91.3	341.6	1.0	0.0	0.75	54.2	86.7	−28.6	91.4	341	1.0	0.0	0.707	53.8	86.0	−23.0	89.1	345	1.0	0.0	0.735	54.1	86.5	−26.6	90.6	342			
351.4	352.5	349.9	1.0	0.0	0.625	53.0	83.6	−12.6	84.6	351.4	1.0	0.0	0.633	53.1	84.0	−13.6	85.1	350	1.0	0.0	0.619	53.0	83.6	−11.7	84.4	352	1.0	0.0	0.65	53.3	84.5	−15.6	86.0	349			
362.9	360.0	357.0	1.0	0.0	0.5	52.0	81.1	4.1	81.2	362.9	1.0	0.0	0.5	52.1	81.2	4.2	81.3	362	1.0	0.0	0.532	52.3	82.1	0.0	82.1	360	1.0	0.0	0.618	53.0	83.6	−11.6	84.4	352			
375.2	367.5	364.1	1.0	0.0	0.375	51.3	79.2	21.6	82.1	375.2	1.0	0.0	0.383	51.4	79.5	20.5	82.1	374	1.0	0.0	0.459	51.8	81.0	9.9	81.6	367	1.0	0.0	0.533	52.3	82.2	−0.1	82.2	359			
386.7	375.0	371.2	1.0	0.0	0.25	50.8	77.9	39.2	87.2	386.7	1.0	0.0	0.25	50.9	78.0	39.2	87.3	386	1.0	0.0	0.378	51.4	79.4	21.3	82.2	375	1.0	0.0	0.441	51.7	80.7	12.5	81.7	368			
395.4	382.5	378.3	1.0	0.0	0.125	50.6	77.2	54.9	94.8	395.4	1.0	0.0	0.133	50.6	77.4	53.9	94.3	394	1.0	0.0	0.301	51.1	79.0	31.9	85.2	382	1.0	0.0	0.361	51.3	79.3	23.6	82.8	376			
400.0	390.0	385.4	1.0	0.0	0.0	50.4	76.9	64.5	100.4	400.0	1.0	0.0	0.0	50.5	76.9	64.6	100.4	400	1.0	0.0	0.203	50.8	78.0	45.1	90.1	390	1.0	0.0	0.263	50.9	78.3	37.3	86.7	385			

RN890−73 5−113734−L0 LAB*la0, YN=0%, XYZnw=0.0, 0.0, 0.0, 84.2, 88.6, 96.5, LAB*nw=0.0, 0.0, 0.0, 95.4, 0.0, 0.0 output: Offset standard print; separation cmyn6*, D65, side 8/33

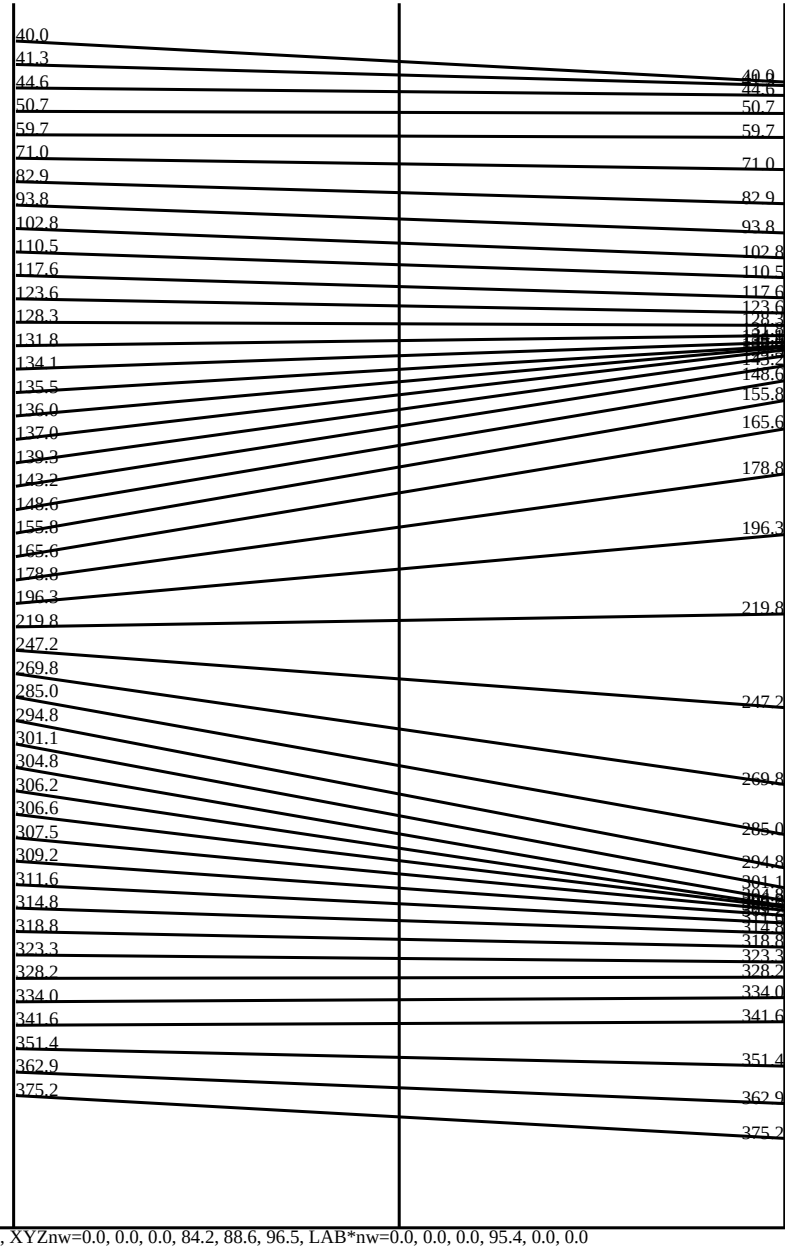
5−113734−F0

TUB-prøveplansje RN89; 16-trinns fargetonesirkel, *cf*=1
48-trinns fargetonesirkel; *rgb*−*LabCh**tabeller

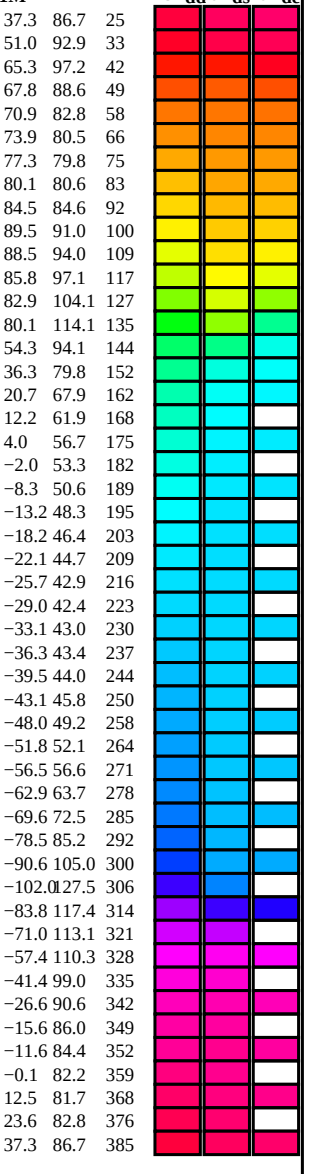
input: *rgb/cmyk* −> *rgb*$_{de}$
output: 3D-linearisering til *rgb**$_{de}$

Data til maksimalfargen M in fargemetrisk system Offset standard print; separation cmyn6*, D65 for input eller output; Seks fargetonevinkler til 60 graders standardfargene *RYGCBM*$_s$: $h_{ab,ds}$ = 30.0, 90.0, 150.0, 210.0, 270.0, 330.0; seks fargetonevinkler til apparatfargene *RYGCBM*$_d$: $h_{ab,d}$ = 40.0, 102.9, 136.0, 196.4, 306.3, 328.2; seks fargetonevinkler til elementærfargene *RYGCBM*$_e$: $h_{ab,e}$ = 25.5, 92.3, 162.2, 217.0, 271.7, 328.6

$h_{ab,d}$	$h_{ab,s}$	$h_{ab,e}$	*rgb** dd64M			*LAB** ddx64M (x=LabCh)				
40.0	30.0	25.4	1.0	0.0	0.0	50.4	76.9	64.5	100.4	40.0
41.3	37.5	33.8	1.0	0.125	0.0	51.5	73.9	64.9	98.3	41.3
44.6	45.0	42.1	1.0	0.25	0.0	54.0	66.7	65.9	93.8	44.6
50.7	52.5	50.5	1.0	0.375	0.0	58.2	55.4	67.9	87.7	50.7
59.7	60.0	58.8	1.0	0.5	0.0	63.6	41.3	71.0	82.2	59.7
71.0	67.5	67.2	1.0	0.625	0.0	70.1	25.7	75.0	79.3	71.0
82.9	75.0	75.6	1.0	0.75	0.0	77.2	9.8	79.7	80.4	82.9
93.8	82.5	83.9	1.0	0.875	0.0	84.8	−5.7	85.0	85.2	93.8
102.8	90.0	92.3	1.0	1.0	0.0	92.6	−20.7	90.7	93.0	102.8
110.5	97.5	101.0	0.875	1.0	0.0	90.4	−33.1	88.1	94.1	110.5
117.6	105.0	109.7	0.75	1.0	0.0	88.5	−44.9	85.8	96.8	117.6
123.6	112.5	118.5	0.625	1.0	0.0	86.9	−55.8	83.9	100.7	123.6
128.3	120.0	127.2	0.5	1.0	0.0	85.7	−65.2	82.4	105.1	128.3
131.8	127.5	136.0	0.375	1.0	0.0	84.7	−72.8	81.2	109.1	131.8
134.1	135.0	144.7	0.25	1.0	0.0	84.1	−78.2	80.5	112.2	134.1
135.5	142.5	153.4	0.125	1.0	0.0	83.7	−81.4	80.0	114.2	135.5
136.0	150.0	162.2	0.0	1.0	0.0	83.6	−82.7	79.8	115.0	136.0
137.0	157.5	169.0	0.0	1.0	0.125	83.6	−82.1	76.6	112.3	137.0
139.3	165.0	175.9	0.0	1.0	0.25	83.8	−80.5	69.1	106.1	139.3
143.2	172.5	182.7	0.0	1.0	0.375	84.0	−77.8	58.1	97.1	143.2
148.6	180.0	189.6	0.0	1.0	0.5	84.3	−73.7	44.9	86.4	148.6
155.8	187.5	196.4	0.0	1.0	0.625	84.7	−68.5	30.6	75.0	155.8
165.6	195.0	203.2	0.0	1.0	0.75	85.3	−62.0	15.9	64.0	165.6
178.8	202.5	210.1	0.0	1.0	0.875	86.0	−54.5	1.0	54.5	178.8
196.3	210.0	216.9	0.0	1.0	1.0	86.8	−46.1	−13.5	48.1	196.3
219.8	217.5	223.8	0.0	0.875	1.0	77.9	−32.3	−27.0	42.1	219.8
247.2	225.0	230.6	0.0	0.75	1.0	69.1	−17.0	−40.7	44.1	247.2
269.8	232.5	237.5	0.0	0.625	1.0	60.3	−0.1	−54.6	54.6	269.8
285.0	240.0	244.3	0.0	0.5	1.0	51.7	18.3	−68.3	70.7	285.0
294.8	247.5	251.2	0.0	0.375	1.0	43.8	37.6	−81.2	89.5	294.8
301.1	255.0	258.0	0.0	0.25	1.0	37.1	55.9	−92.3	107.9	301.1
304.8	262.5	264.8	0.0	0.125	1.0	32.4	69.5	−100.0	121.8	304.8
306.2	270.0	271.7	0.0	0.0	1.0	30.3	76.0	−103.5	128.5	306.2
306.6	277.5	278.8	0.125	0.0	1.0	31.0	76.2	−102.4	127.7	306.6
307.5	285.0	285.9	0.25	0.0	1.0	32.6	76.8	−99.8	125.9	307.5
309.2	292.5	293.0	0.375	0.0	1.0	35.1	77.9	−95.5	123.3	309.2
311.6	300.0	300.1	0.5	0.0	1.0	38.5	79.8	−89.7	120.0	311.6
314.8	307.5	307.2	0.625	0.0	1.0	42.7	82.5	−82.7	116.8	314.8
318.8	315.0	314.3	0.75	0.0	1.0	47.2	85.8	−75.1	114.0	318.8
323.3	322.5	321.4	0.875	0.0	1.0	52.1	89.8	−66.9	112.0	323.3
328.2	330.0	328.6	1.0	0.0	1.0	57.2	94.3	−58.4	110.9	328.2
334.0	337.5	335.7	1.0	0.0	0.875	55.6	90.3	−43.9	100.4	334.0
341.6	345.0	342.8	1.0	0.0	0.75	54.2	86.7	−28.6	91.3	341.6
351.4	352.5	349.9	1.0	0.0	0.625	53.0	83.6	−12.6	84.6	351.4
362.9	360.0	357.0	1.0	0.0	0.5	52.0	81.1	4.1	81.2	362.9
375.2	367.5	364.1	1.0	0.0	0.375	51.3	79.2	21.6	82.1	375.2
386.7	375.0	371.2	1.0	0.0	0.25	50.8	77.9	39.2	87.2	386.7
395.4	382.5	378.3	1.0	0.0	0.125	50.6	77.2	54.9	94.8	395.4
400.0	390.0	385.4	1.0	0.0	0.0	50.4	76.9	64.5	100.4	400.0



*rgb** dex361M			*LAB** dex361M				
1.0	0.0	0.263	50.9	78.3	37.3	86.7	25
1.0	0.0	0.156	50.7	77.7	51.0	92.9	33
1.0	0.157	0.0	52.2	72.0	65.3	97.2	42
1.0	0.358	0.0	57.7	56.9	67.8	88.6	49
1.0	0.488	0.0	63.1	42.8	70.9	82.8	58
1.0	0.577	0.0	67.6	31.8	73.9	80.5	66
1.0	0.673	0.0	72.8	19.8	77.3	79.8	75
1.0	0.755	0.0	77.5	9.3	80.1	80.6	83
1.0	0.857	0.0	83.7	−3.3	84.5	84.6	92
1.0	0.967	0.0	90.6	−16.4	89.5	91.0	100
0.888	1.0	0.0	90.7	−31.7	88.5	94.0	109
0.743	1.0	0.0	88.5	−45.4	85.8	97.1	117
0.529	1.0	0.0	86.0	−62.9	82.9	104.1	127
0.132	1.0	0.0	83.8	−81.2	80.1	114.1	135
0.0	1.0	0.41	84.1	−76.8	54.3	94.1	144
0.0	1.0	0.573	84.6	−70.9	36.3	79.8	152
0.0	1.0	0.706	85.2	−64.6	20.7	67.9	162
0.0	1.0	0.778	85.5	−60.6	12.2	61.9	168
0.0	1.0	0.847	85.9	−56.4	4.0	56.7	175
0.0	1.0	0.9	86.2	−53.2	−2.0	53.3	182
0.0	1.0	0.952	86.6	−49.8	−8.3	50.6	189
0.0	1.0	0.997	86.9	−46.3	−13.2	48.3	195
0.0	0.963	1.0	84.3	−42.5	−18.2	46.4	203
0.0	0.929	1.0	81.8	−38.8	−22.1	44.7	209
0.0	0.89	1.0	79.1	−34.2	−25.7	42.9	216
0.0	0.859	1.0	76.9	−30.7	−29.0	42.4	223
0.0	0.826	1.0	74.5	−27.1	−33.1	43.0	230
0.0	0.797	1.0	72.4	−23.5	−36.3	43.4	237
0.0	0.763	1.0	70.1	−18.9	−39.5	44.0	244
0.0	0.731	1.0	67.8	−15.0	−43.1	45.8	250
0.0	0.69	1.0	64.9	−10.1	−48.0	49.2	258
0.0	0.655	1.0	62.4	−5.0	−51.8	52.1	264
0.0	0.609	1.0	59.3	1.7	−56.5	56.6	271
0.0	0.555	1.0	55.5	9.3	−62.9	63.7	278
0.0	0.488	1.0	51.0	19.9	−69.6	72.5	285
0.0	0.404	1.0	45.7	32.7	−78.5	85.2	292
0.0	0.27	1.0	38.2	52.8	−90.6	105.0	300
0.146	0.0	1.0	31.3	76.4	−102.0	127.5	306
0.605	0.0	1.0	42.1	82.1	−83.8	117.4	314
0.811	0.0	1.0	49.7	87.9	−71.0	113.1	321
1.0	0.0	0.992	57.2	94.2	−57.4	110.3	328
1.0	0.0	0.856	55.4	89.9	−41.4	99.0	335
1.0	0.0	0.735	54.1	86.5	−26.6	90.6	342
1.0	0.0	0.65	53.3	84.5	−15.6	86.0	349
1.0	0.0	0.618	53.0	83.6	−11.6	84.4	352
1.0	0.0	0.533	52.3	82.2	−0.1	82.2	359
1.0	0.0	0.441	51.7	80.7	12.5	81.7	368
1.0	0.0	0.361	51.3	79.3	23.6	82.8	376
1.0	0.0	0.263	50.9	78.3	37.3	86.7	385



RN890−73 5−113834−L0 LAB*la0, YN=0%, XYZnw=0.0, 0.0, 0.0, 84.2, 88.6, 96.5, LAB*nw=0.0, 0.0, 0.0, 95.4, 0.0, 0.0 output: Offset standard print; separation cmyn6*, D65, side 9/33

TUB-prøveplansje RN89; 16-trinns fargetonesirkel, *cf*=1
48-trinns fargetonesirkel; *rgb−LabCh**tabeller

input: *rgb/cmyk −> rgb*$_{de}$
output: 3D-linearisering til *rgb**$_{de}$

5−113834−F0

TUB registrering: 20150701-RN89/RN89L0FP.PDF /.PS
anvendelse for måling av display output, ingen separasjon rgb* (RGB)
TUB-material: code=rha4ta

se lignende filer: http://130.149.60.45/~farbmetrik/RN89/RN89.HTM
teknisk informasjon: http://www.ps.bam.de eller http://130.149.60.45/~farbmetrik

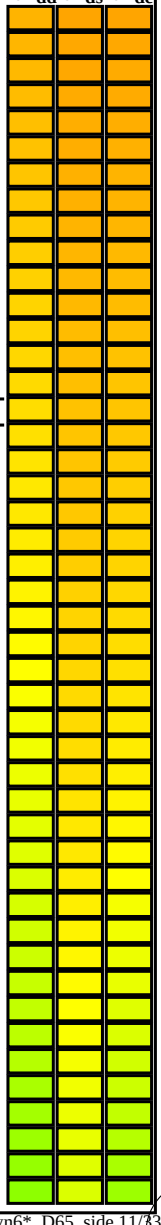
Data til maksimalfargen M in fargemetrisk system Offset standard print; separation cmyn6*, D65 for input eller output; Seks fargetonevinkler til 60 graders standardfargene *RYGCBM*$_s$: $h_{ab,ds}$ = 30.0, 90.0, 150.0, 210.0, 270.0, 330.0; seks fargetonevinkler til apparatfargene *RYGCBM*$_d$: $h_{ab,d}$ = 40.0, 102.9, 136.0, 196.4, 306.3, 328.2; seks fargetonevinkler til elementærfargene *RYGCBM*$_e$: $h_{ab,e}$ = 25.5, 92.3, 162.2, 217.0, 271.7, 328.6

$h_{ab,d}$	$h_{ab,s}$	$h_{ab,e}$	*rgb**dd361M			*LAB**ddx361Mi (x=LabCh)					R_d	*rgb**ds361Mi			*LAB**dsx361Mi (x=LabCh)					R_s	*rgb**dd361Mi			*rgb**de361Mi			*LAB**dex361Mi (x=LabCh)					R_e	*rgb**dd361Mi		
40	30	25	1.0	0.0	0.0	50.4	76.9	64.5	100.4	40		1.0	0.0	0.203	50.8	78.0	45.1	90.1	30		1.0	0.0	0.0	1.0	0.0	0.263	50.9	78.3	37.3	86.7	25		1.0	0.0	0.0
40	31	26	1.0	0.016	0.0	50.6	76.5	64.6	100.1	40		1.0	0.0	0.189	50.7	78.0	46.9	91.0	31		1.0	0.017	0.0	1.0	0.0	0.251	50.9	78.0	39.0	87.2	26		1.0	0.017	0.0
40	32	27	1.0	0.033	0.0	50.7	76.1	64.6	99.8	40		1.0	0.0	0.174	50.7	77.9	48.7	91.8	32		1.0	0.033	0.0	1.0	0.0	0.236	50.8	78.0	41.0	88.1	27		1.0	0.033	0.0
40	33	28	1.0	0.05	0.0	50.9	75.7	64.7	99.6	40		1.0	0.0	0.16	50.7	77.7	50.5	92.7	33		1.0	0.05	0.0	1.0	0.0	0.22	50.8	78.1	43.0	89.1	28		1.0	0.05	0.0
40	34	29	1.0	0.066	0.0	51.0	75.3	64.7	99.3	40		1.0	0.0	0.146	50.6	77.6	52.3	93.6	34		1.0	0.067	0.0	1.0	0.0	0.204	50.8	78.0	44.9	90.1	29		1.0	0.067	0.0
40	35	31	1.0	0.083	0.0	51.1	74.9	64.8	99.0	40		1.0	0.0	0.131	50.6	77.3	54.2	94.4	35		1.0	0.083	0.0	1.0	0.0	0.188	50.7	78.0	46.9	91.0	31		1.0	0.083	0.0
41	36	32	1.0	0.1	0.0	51.3	74.5	64.8	98.7	41		1.0	0.0	0.11	50.6	77.3	56.1	95.5	36		1.0	0.1	0.0	1.0	0.0	0.172	50.7	77.9	49.0	92.0	32		1.0	0.1	0.0
41	37	33	1.0	0.116	0.0	51.4	74.1	64.9	98.5	41		1.0	0.0	0.082	50.6	77.2	58.2	96.7	37		1.0	0.117	0.0	1.0	0.0	0.156	50.7	77.7	51.0	92.9	33		1.0	0.117	0.0
41	38	34	1.0	0.133	0.0	51.7	73.4	65.0	98.0	41		1.0	0.0	0.055	50.5	77.2	60.3	98.0	38		1.0	0.133	0.0	1.0	0.0	0.14	50.6	77.5	53.0	93.9	34		1.0	0.133	0.0
41	39	35	1.0	0.15	0.0	52.0	72.4	65.2	97.4	41		1.0	0.0	0.028	50.5	77.1	62.4	99.2	39		1.0	0.15	0.0	1.0	0.0	0.123	50.6	77.2	55.1	94.9	35		1.0	0.15	0.0
42	40	36	1.0	0.166	0.0	52.3	71.4	65.3	96.8	42		1.0	0.0	0.0	50.5	76.9	64.6	100.4	40		1.0	0.167	0.0	1.0	0.0	0.093	50.6	77.3	57.4	96.3	36		1.0	0.167	0.0
42	41	37	1.0	0.183	0.0	52.7	70.5	65.5	96.2	42		1.0	0.095	0.0	51.3	74.6	64.9	98.9	41		1.0	0.183	0.0	1.0	0.0	0.062	50.5	77.2	59.7	97.6	37		1.0	0.183	0.0
43	42	38	1.0	0.2	0.0	53.0	69.5	65.6	95.6	43		1.0	0.151	0.0	52.1	72.4	65.2	97.5	42		1.0	0.2	0.0	1.0	0.0	0.032	50.5	77.1	62.1	99.0	38		1.0	0.2	0.0
43	43	39	1.0	0.216	0.0	53.4	68.6	65.7	95.0	43		1.0	0.188	0.0	52.8	70.3	65.5	96.1	43		1.0	0.217	0.0	1.0	0.0	0.001	50.5	76.9	64.5	100.4	39		1.0	0.217	0.0
44	44	41	1.0	0.233	0.0	53.7	67.6	65.8	94.4	44		1.0	0.225	0.0	53.6	68.2	65.8	94.8	44		1.0	0.233	0.0	1.0	0.102	0.0	51.4	74.4	64.9	98.8	41		1.0	0.233	0.0
44	45	42	1.0	0.25	0.0	54.0	66.7	65.9	93.8	44		1.0	0.256	0.0	54.3	66.1	66.1	93.5	45		1.0	0.25	0.0	1.0	0.157	0.0	52.2	72.0	65.3	97.2	42		1.0	0.25	0.0
45	46	43	1.0	0.266	0.0	54.6	65.1	66.3	93.0	45		1.0	0.277	0.0	55.0	64.3	66.6	92.5	46		1.0	0.267	0.0	1.0	0.199	0.0	53.0	69.6	65.6	95.7	43		1.0	0.267	0.0
46	47	44	1.0	0.283	0.0	55.1	63.6	66.6	92.2	46		1.0	0.297	0.0	55.6	62.4	66.9	91.5	47		1.0	0.283	0.0	1.0	0.24	0.0	53.9	67.3	65.9	94.2	44		1.0	0.283	0.0
47	48	45	1.0	0.3	0.0	55.7	62.1	66.9	91.3	47		1.0	0.318	0.0	56.3	60.6	67.3	90.5	48		1.0	0.3	0.0	1.0	0.267	0.0	54.7	65.1	66.4	93.0	45		1.0	0.3	0.0
47	49	46	1.0	0.316	0.0	56.2	60.6	67.2	90.5	47		1.0	0.338	0.0	57.0	58.7	67.6	89.5	49		1.0	0.317	0.0	1.0	0.29	0.0	55.4	63.1	66.8	91.9	46		1.0	0.317	0.0
48	50	47	1.0	0.333	0.0	56.8	59.1	67.5	89.7	48		1.0	0.359	0.0	57.7	56.9	67.8	88.5	50		1.0	0.333	0.0	1.0	0.313	0.0	56.2	61.0	67.2	90.8	47		1.0	0.333	0.0
49	51	48	1.0	0.35	0.0	57.3	57.6	67.7	88.9	49		1.0	0.378	0.0	58.3	55.1	68.1	87.6	51		1.0	0.35	0.0	1.0	0.336	0.0	56.9	59.0	67.5	89.7	48		1.0	0.35	0.0
50	52	49	1.0	0.366	0.0	57.9	56.2	67.9	88.1	50		1.0	0.392	0.0	58.9	53.6	68.6	87.0	52		1.0	0.367	0.0	1.0	0.358	0.0	57.7	56.9	67.8	88.6	49		1.0	0.367	0.0
51	53	51	1.0	0.383	0.0	58.5	54.5	68.2	87.3	51		1.0	0.406	0.0	59.6	52.0	69.0	86.4	53		1.0	0.383	0.0	1.0	0.379	0.0	58.4	55.0	68.1	87.6	51		1.0	0.383	0.0
52	54	52	1.0	0.4	0.0	59.3	52.6	68.8	86.6	52		1.0	0.42	0.0	60.2	50.4	69.4	85.8	54		1.0	0.4	0.0	1.0	0.395	0.0	59.1	53.2	68.7	86.9	52		1.0	0.4	0.0
53	55	53	1.0	0.416	0.0	60.0	50.7	69.3	85.9	53		1.0	0.433	0.0	60.8	48.8	69.8	85.2	55		1.0	0.417	0.0	1.0	0.41	0.0	59.7	51.5	69.1	86.2	53		1.0	0.417	0.0
54	56	54	1.0	0.433	0.0	60.7	48.8	69.7	85.1	54		1.0	0.447	0.0	61.4	47.3	70.1	84.5	56		1.0	0.433	0.0	1.0	0.426	0.0	60.4	49.7	69.6	85.5	54		1.0	0.433	0.0
56	57	55	1.0	0.45	0.0	61.4	46.9	70.1	84.4	56		1.0	0.461	0.0	62.0	45.7	70.4	83.9	57		1.0	0.45	0.0	1.0	0.441	0.0	61.1	48.0	69.9	84.8	55		1.0	0.45	0.0
57	58	56	1.0	0.466	0.0	62.2	45.1	70.4	83.6	57		1.0	0.475	0.0	62.6	44.1	70.7	83.3	58		1.0	0.467	0.0	1.0	0.457	0.0	61.8	46.2	70.3	84.1	56		1.0	0.467	0.0
58	59	57	1.0	0.483	0.0	62.9	43.2	70.7	82.9	58		1.0	0.489	0.0	63.2	42.6	70.9	82.7	59		1.0	0.483	0.0	1.0	0.472	0.0	62.5	44.5	70.6	83.4	57		1.0	0.483	0.0
59	60	58	1.0	0.5	0.0	63.6	41.3	71.0	82.2	59		1.0	0.502	0.0	63.8	41.1	71.2	82.2	60		1.0	0.5	0.0	1.0	0.488	0.0	63.1	42.8	70.9	82.8	58		1.0	0.5	0.0
61	61	60	1.0	0.516	0.0	64.5	39.3	71.7	81.8	61		1.0	0.513	0.0	64.4	39.7	71.6	81.9	61		1.0	0.517	0.0	1.0	0.502	0.0	63.8	41.1	71.2	82.2	60		1.0	0.517	0.0
62	62	61	1.0	0.533	0.0	65.3	37.2	72.4	81.4	62		1.0	0.525	0.0	64.9	38.3	72.1	81.7	62		1.0	0.533	0.0	1.0	0.515	0.0	64.4	39.5	71.7	81.9	61		1.0	0.533	0.0
64	63	62	1.0	0.55	0.0	66.2	35.1	73.0	81.0	64		1.0	0.536	0.0	65.5	37.0	72.5	81.4	63		1.0	0.55	0.0	1.0	0.527	0.0	65.1	38.0	72.2	81.6	62		1.0	0.55	0.0
65	64	63	1.0	0.566	0.0	67.1	33.0	73.5	80.6	65		1.0	0.547	0.0	66.1	35.6	72.9	81.1	64		1.0	0.567	0.0	1.0	0.54	0.0	65.7	36.5	72.7	81.3	63		1.0	0.567	0.0
67	65	64	1.0	0.583	0.0	67.9	31.0	74.0	80.3	67		1.0	0.558	0.0	66.7	34.2	73.3	80.9	65		1.0	0.583	0.0	1.0	0.552	0.0	66.4	34.9	73.1	81.0	64		1.0	0.583	0.0
68	66	65	1.0	0.6	0.0	68.8	28.9	74.5	79.9	68		1.0	0.569	0.0	67.2	32.8	73.7	80.6	66		1.0	0.6	0.0	1.0	0.564	0.0	67.0	33.4	73.5	80.7	65		1.0	0.6	0.0
70	67	66	1.0	0.616	0.0	69.6	26.8	74.8	79.5	70		1.0	0.58	0.0	67.8	31.4	74.0	80.4	67		1.0	0.617	0.0	1.0	0.577	0.0	67.6	31.8	73.9	80.5	66		1.0	0.617	0.0
71	68	67	1.0	0.633	0.0	70.5	24.7	75.4	79.4	71		1.0	0.591	0.0	68.4	30.0	74.3	80.1	68		1.0	0.633	0.0	1.0	0.589	0.0	68.3	30.3	74.2	80.2	67		1.0	0.633	0.0
73	69	68	1.0	0.65	0.0	71.5	22.7	76.2	79.5	73		1.0	0.602	0.0	69.0	28.6	74.6	79.9	69		1.0	0.65	0.0	1.0	0.602	0.0	68.9	28.7	74.5	79.9	68		1.0	0.65	0.0
75	70	70	1.0	0.666	0.0	72.4	20.6	76.9	79.7	75		1.0	0.614	0.0	69.5	27.2	74.8	79.6	70		1.0	0.667	0.0	1.0	0.614	0.0	69.5	27.2	74.8	79.6	70		1.0	0.667	0.0
76	71	71	1.0	0.683	0.0	73.4	18.5	77.6	79.8	76		1.0	0.625	0.0	70.1	25.8	75.0	79.4	71		1.0	0.683	0.0	1.0	0.626	0.0	70.2	25.6	75.1	79.4	71		1.0	0.683	0.0
78	72	72	1.0	0.7	0.0	74.3	16.3	78.2	79.9	78		1.0	0.635	0.0	70.7	24.5	75.6	79.4	72		1.0	0.7	0.0	1.0	0.638	0.0	70.9	24.2	75.7	79.5	72		1.0	0.7	0.0
79	73	73	1.0	0.716	0.0	75.3	14.2	78.8	80.1	79		1.0	0.646	0.0	71.3	23.3	76.1	79.5	73		1.0	0.717	0.0	1.0	0.65	0.0	71.5	22.8	76.2	79.6	73		1.0	0.717	0.0
81	74	74	1.0	0.733	0.0	76.2	12.0	79.3	80.2	81		1.0	0.656	0.0	71.9	21.9	76.5	79.6	74		1.0	0.733	0.0	1.0	0.661	0.0	72.2	21.3	76.8	79.7	74		1.0	0.733	0.0
82	75	75	1.0	0.75	0.0	77.2	9.8	79.7	80.4	82		1.0	0.667	0.0	72.5	20.6	77.0	79.7	75		1.0	0.75	0.0	1.0	0.673	0.0	72.8	19.8	77.3	79.8	75		1.0	0.75	0.0

*rgb**dd *rgb**ds *rgb**de

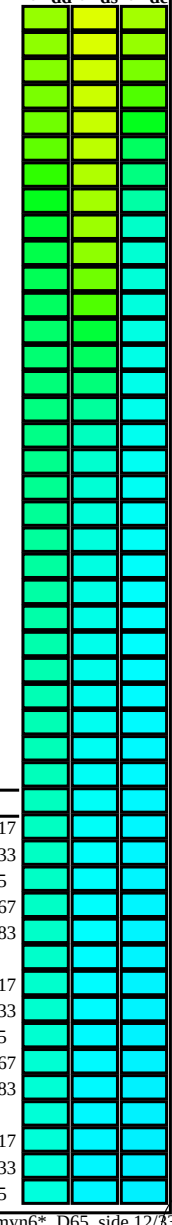
Data til maksimalfargen M in fargemetrisk system Offset standard print; separation cmyn6*, D65 for input eller output; Seks fargetonevinkler til 60 graders standardfargene *RYGCBM*$_s$: $h_{ab,ds}$ = 30.0, 90.0, 150.0, 210.0, 270.0, 330.0; seks fargetonevinkler til apparatfargene *RYGCBM*$_d$: $h_{ab,d}$ = 40.0, 102.9, 136.0, 196.4, 306.3, 328.2; seks fargetonevinkler til elementærfargene *RYGCBM*$_e$: $h_{ab,e}$ = 25.5, 92.3, 162.2, 217.0, 271.7, 328.6

$h_{ab,d}$	$h_{ab,s}$	$h_{ab,e}$	*rgb**dd361M			*LAB**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
82	75	75	1.0	0.75	0.0	77.2	9.8	79.7	80.4	82	1.0	0.667	0.0	72.5	20.6	77.0	79.7	75	1.0	0.75	0.0	1.0	0.673	0.0	72.8	19.8	77.3	79.8	75	1.0	0.75	0.0			
84	76	76	1.0	0.766	0.0	78.2	7.8	80.6	81.0	84	1.0	0.677	0.0	73.1	19.3	77.4	79.8	76	1.0	0.767	0.0	1.0	0.685	0.0	73.5	18.3	77.7	79.9	76	1.0	0.767	0.0			
85	77	77	1.0	0.783	0.0	79.2	5.8	81.4	81.7	85	1.0	0.688	0.0	73.7	18.0	77.8	79.9	77	1.0	0.783	0.0	1.0	0.696	0.0	74.2	16.9	78.2	80.0	77	1.0	0.783	0.0			
87	78	78	1.0	0.8	0.0	80.2	3.8	82.2	82.3	87	1.0	0.698	0.0	74.3	16.6	78.2	80.0	78	1.0	0.8	0.0	1.0	0.708	0.0	74.8	15.3	78.6	80.1	78	1.0	0.8	0.0			
88	79	80	1.0	0.816	0.0	81.2	1.7	82.9	83.0	88	1.0	0.708	0.0	74.9	15.3	78.6	80.1	79	1.0	0.817	0.0	1.0	0.72	0.0	75.5	13.8	78.9	80.1	80	1.0	0.817	0.0			
90	80	81	1.0	0.833	0.0	82.2	−0.3	83.6	83.6	90	1.0	0.719	0.0	75.5	13.9	78.9	80.1	80	1.0	0.833	0.0	1.0	0.731	0.0	76.2	12.3	79.3	80.2	81	1.0	0.833	0.0			
91	81	82	1.0	0.85	0.0	83.3	−2.5	84.2	84.3	91	1.0	0.729	0.0	76.1	12.6	79.2	80.2	81	1.0	0.85	0.0	1.0	0.743	0.0	76.8	10.8	79.6	80.3	82	1.0	0.85	0.0			
93	82	83	1.0	0.866	0.0	84.3	−4.6	84.8	84.9	93	1.0	0.74	0.0	76.7	11.2	79.5	80.3	82	1.0	0.867	0.0	1.0	0.755	0.0	77.5	9.3	80.1	80.6	83	1.0	0.867	0.0			
94	83	84	1.0	0.883	0.0	85.3	−6.7	85.5	85.8	94	1.0	0.75	0.0	77.3	9.8	79.8	80.4	83	1.0	0.883	0.0	1.0	0.768	0.0	78.3	7.8	80.7	81.1	84	1.0	0.883	0.0			
95	84	85	1.0	0.9	0.0	86.3	−8.5	86.4	86.8	95	1.0	0.762	0.0	78.0	8.5	80.4	80.9	84	1.0	0.9	0.0	1.0	0.78	0.0	79.1	6.2	81.4	81.6	85	1.0	0.9	0.0			
96	85	86	1.0	0.916	0.0	87.4	−10.5	87.2	87.8	96	1.0	0.773	0.0	78.7	7.1	81.0	81.3	85	1.0	0.917	0.0	1.0	0.793	0.0	79.9	4.7	82.0	82.1	86	1.0	0.917	0.0			
98	86	87	1.0	0.933	0.0	88.4	−12.4	88.0	88.9	98	1.0	0.785	0.0	79.3	5.7	81.6	81.8	86	1.0	0.933	0.0	1.0	0.806	0.0	80.6	3.1	82.5	82.6	87	1.0	0.933	0.0			
99	87	88	1.0	0.95	0.0	89.5	−14.4	88.7	89.9	99	1.0	0.796	0.0	80.0	4.3	82.1	82.2	87	1.0	0.95	0.0	1.0	0.819	0.0	81.4	1.5	83.1	83.1	88	1.0	0.95	0.0			
100	88	90	1.0	0.966	0.0	90.5	−16.5	89.4	91.0	100	1.0	0.808	0.0	80.7	2.9	82.6	82.7	88	1.0	0.967	0.0	1.0	0.831	0.0	82.2	0.0	83.6	83.6	90	1.0	0.967	0.0			
101	89	91	1.0	0.983	0.0	91.6	−18.5	90.1	92.0	101	1.0	0.819	0.0	81.4	1.5	83.1	83.1	89	1.0	0.983	0.0	1.0	0.844	0.0	83.0	−1.7	84.1	84.1	91	1.0	0.983	0.0			
102	90	92	1.0	1.0	0.0	92.6	−20.7	90.7	93.0	102	Y_d	1.0	0.831	0.0	82.1	0.0	83.5	83.5	90	Y_s	1.0	1.0	0.0	1.0	0.857	0.0	83.7	−3.3	84.5	84.6	92	Y_e	1.0	1.0	0.0			
103	91	93	0.983	1.0	0.0	92.3	−22.3	90.5	93.2	103	1.0	0.842	0.0	82.8	−1.4	84.0	84.0	91	0.983	1.0	0.0	1.0	0.87	0.0	84.5	−5.1	84.9	85.1	93	0.983	1.0	0.0			
104	92	94	0.966	1.0	0.0	92.0	−24.0	90.2	93.3	104	1.0	0.853	0.0	83.5	−2.8	84.4	84.4	92	0.967	1.0	0.0	1.0	0.886	0.0	85.5	−6.9	85.7	85.9	94	0.967	1.0	0.0			
105	93	95	0.95	1.0	0.0	91.7	−25.6	89.9	93.5	105	1.0	0.865	0.0	84.2	−4.3	84.8	84.9	93	0.95	1.0	0.0	1.0	0.902	0.0	86.5	−8.7	86.5	87.0	95	0.95	1.0	0.0			
106	94	96	0.933	1.0	0.0	91.4	−27.3	89.5	93.6	106	1.0	0.877	0.0	84.9	−5.9	85.2	85.4	94	0.933	1.0	0.0	1.0	0.918	0.0	87.5	−10.6	87.3	88.0	96	0.933	1.0	0.0			
108	95	98	0.916	1.0	0.0	91.1	−28.9	89.1	93.7	108	1.0	0.891	0.0	85.8	−7.4	85.9	86.3	95	0.917	1.0	0.0	1.0	0.934	0.0	88.5	−12.5	88.1	89.0	98	0.917	1.0	0.0			
109	96	99	0.9	1.0	0.0	90.8	−30.6	88.7	93.9	109	1.0	0.904	0.0	86.7	−9.0	86.6	87.1	96	0.9	1.0	0.0	1.0	0.951	0.0	89.6	−14.4	88.8	90.0	99	0.9	1.0	0.0			
110	97	100	0.883	1.0	0.0	90.5	−32.2	88.3	94.0	110	1.0	0.918	0.0	87.5	−10.6	87.3	88.0	97	0.883	1.0	0.0	1.0	0.967	0.0	90.6	−16.4	89.5	91.0	100	0.883	1.0	0.0			
111	98	101	0.866	1.0	0.0	90.3	−33.8	88.0	94.3	111	1.0	0.932	0.0	88.4	−12.3	88.0	88.9	98	0.867	1.0	0.0	1.0	0.983	0.0	91.6	−18.5	90.1	92.0	101	0.867	1.0	0.0			
111	99	102	0.85	1.0	0.0	90.0	−35.4	87.7	94.6	111	1.0	0.946	0.0	89.3	−13.9	88.6	89.7	99	0.85	1.0	0.0	1.0	0.999	0.0	92.6	−20.5	90.7	93.0	102	0.85	1.0	0.0			
112	100	103	0.833	1.0	0.0	89.8	−37.0	87.5	95.0	112	1.0	0.96	0.0	90.2	−15.6	89.2	90.6	100	0.833	1.0	0.0	0.982	1.0	0.0	92.3	−22.4	90.5	93.2	103	0.833	1.0	0.0			
113	101	105	0.816	1.0	0.0	89.5	−38.6	87.2	95.4	113	1.0	0.974	0.0	91.0	−17.4	89.8	91.5	101	0.817	1.0	0.0	0.963	1.0	0.0	92.0	−24.3	90.2	93.4	105	0.817	1.0	0.0			
114	102	106	0.8	1.0	0.0	89.3	−40.1	86.9	95.7	114	1.0	0.988	0.0	91.9	−19.1	90.3	92.3	102	0.8	1.0	0.0	0.944	1.0	0.0	91.7	−26.1	89.8	93.6	106	0.8	1.0	0.0			
115	103	107	0.783	1.0	0.0	89.0	−41.7	86.6	96.1	115	0.998	1.0	0.0	92.6	−20.8	90.7	93.1	103	0.783	1.0	0.0	0.926	1.0	0.0	91.3	−28.0	89.4	93.7	107	0.783	1.0	0.0			
116	104	108	0.766	1.0	0.0	88.7	−43.3	86.2	96.5	116	0.981	1.0	0.0	92.3	−22.5	90.5	93.2	104	0.767	1.0	0.0	0.907	1.0	0.0	91.0	−29.9	89.0	93.9	108	0.767	1.0	0.0			
117	105	109	0.75	1.0	0.0	88.5	−44.9	85.8	96.8	117	0.965	1.0	0.0	92.0	−24.1	90.2	93.4	105	0.75	1.0	0.0	0.888	1.0	0.0	90.7	−31.7	88.5	94.0	109	0.75	1.0	0.0			
118	106	110	0.733	1.0	0.0	88.3	−46.3	85.6	97.4	118	0.949	1.0	0.0	91.8	−25.7	89.9	93.5	106	0.733	1.0	0.0	0.868	1.0	0.0	90.3	−33.6	88.0	94.3	110	0.733	1.0	0.0			
119	107	112	0.716	1.0	0.0	88.1	−47.8	85.4	97.9	119	0.933	1.0	0.0	91.5	−27.3	89.6	93.6	107	0.717	1.0	0.0	0.848	1.0	0.0	90.0	−35.6	87.8	94.7	112	0.717	1.0	0.0			
120	108	113	0.7	1.0	0.0	87.9	−49.2	85.2	98.4	120	0.917	1.0	0.0	91.2	−28.9	89.2	93.8	108	0.7	1.0	0.0	0.827	1.0	0.0	89.7	−37.5	87.4	95.2	113	0.7	1.0	0.0			
120	109	114	0.683	1.0	0.0	87.6	−50.7	84.9	98.9	120	0.901	1.0	0.0	90.9	−30.5	88.8	93.9	109	0.683	1.0	0.0	0.806	1.0	0.0	89.4	−39.5	87.1	95.7	114	0.683	1.0	0.0			
121	110	115	0.666	1.0	0.0	87.4	−52.1	84.7	99.4	121	0.884	1.0	0.0	90.6	−32.1	88.4	94.1	110	0.667	1.0	0.0	0.786	1.0	0.0	89.1	−41.5	86.7	96.1	115	0.667	1.0	0.0			
122	111	116	0.65	1.0	0.0	87.2	−53.6	84.4	100.0	122	0.868	1.0	0.0	90.3	−33.7	88.0	94.3	111	0.65	1.0	0.0	0.765	1.0	0.0	88.8	−43.4	86.2	96.6	116	0.65	1.0	0.0			
123	112	117	0.633	1.0	0.0	87.0	−55.0	84.1	100.5	123	0.85	1.0	0.0	90.1	−35.4	87.8	94.7	112	0.633	1.0	0.0	0.743	1.0	0.0	88.5	−45.4	85.8	97.1	117	0.633	1.0	0.0			
123	113	119	0.616	1.0	0.0	86.8	−56.4	83.8	101.0	123	0.832	1.0	0.0	89.8	−37.1	87.5	95.1	113	0.617	1.0	0.0	0.719	1.0	0.0	88.2	−47.5	85.5	97.9	119	0.617	1.0	0.0			
124	114	120	0.6	1.0	0.0	86.7	−57.6	83.7	101.6	124	0.814	1.0	0.0	89.5	−38.7	87.2	95.5	114	0.6	1.0	0.0	0.695	1.0	0.0	87.8	−49.6	85.2	98.6	120	0.6	1.0	0.0			
125	115	121	0.583	1.0	0.0	86.5	−58.9	83.5	102.2	125	0.797	1.0	0.0	89.3	−40.4	86.9	95.9	115	0.583	1.0	0.0	0.67	1.0	0.0	87.5	−51.7	84.8	99.4	121	0.583	1.0	0.0			
125	116	122	0.566	1.0	0.0	86.3	−60.1	83.3	102.8	125	0.779	1.0	0.0	89.0	−42.1	86.5	96.3	116	0.567	1.0	0.0	0.646	1.0	0.0	87.2	−53.9	84.4	100.1	122	0.567	1.0	0.0			
126	117	123	0.55	1.0	0.0	86.2	−61.4	83.1	103.3	126	0.761	1.0	0.0	88.7	−43.8	86.1	96.6	117	0.55	1.0	0.0	0.621	1.0	0.0	86.9	−56.0	83.9	100.9	123	0.55	1.0	0.0			
127	118	124	0.533	1.0	0.0	86.0	−62.7	82.9	103.9	127	0.742	1.0	0.0	88.4	−45.5	85.8	97.1	118	0.533	1.0	0.0	0.59	1.0	0.0	86.6	−58.3	83.6	102.0	124	0.533	1.0	0.0			
127	119	126	0.516	1.0	0.0	85.8	−63.9	82.6	104.5	127	0.721	1.0	0.0	88.2	−47.3	85.5	97.8	119	0.517	1.0	0.0	0.56	1.0	0.0	86.3	−60.6	83.3	103.1	126	0.517	1.0	0.0			
128	120	127	0.5	1.0	0.0	85.7	−65.2	82.4	105.1	128	0.7	1.0	0.0	87.9	−49.1	85.3	98.4	120	0.5	1.0	0.0	0.529	1.0	0.0	86.0	−62.9	82.9	104.1	127	0.5	1.0	0.0			



Data til maksimalfargen M in fargemetrisk system Offset standard print; separation cmyn6*, 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*$_d$: $h_{ab,d}$ = 40.0, 102.9, 136.0, 196.4, 306.3, 328.2; seks fargetonevinkler til elementærfargene *RYGCBM*$_e$: $h_{ab,e}$ = 25.5, 92.3, 162.2, 217.0, 271.7, 328.6

$h_{ab,d}$	$h_{ab,s}$	$h_{ab,e}$	*rgb**dd361M			*LAB**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
128	120	127	0.5	1.0	0.0	85.7	−65.2	82.4	105.1	128	0.7	1.0	0.0	87.9	−49.1	85.3	98.4	120	0.5	1.0	0.0	0.529	1.0	0.0	86.0	−62.9	82.9	104.1	127	0.5	1.0	0.0			
128	121	128	0.483	1.0	0.0	85.5	−66.2	82.3	105.6	128	0.68	1.0	0.0	87.7	−50.9	84.9	99.1	121	0.483	1.0	0.0	0.498	1.0	0.0	85.7	−65.3	82.4	105.2	128	0.483	1.0	0.0			
129	122	129	0.466	1.0	0.0	85.4	−67.2	82.1	106.1	129	0.659	1.0	0.0	87.4	−52.8	84.6	99.7	122	0.467	1.0	0.0	0.456	1.0	0.0	85.4	−67.8	82.1	106.5	129	0.467	1.0	0.0			
129	123	130	0.45	1.0	0.0	85.3	−68.2	82.0	106.7	129	0.638	1.0	0.0	87.1	−54.6	84.2	100.4	123	0.45	1.0	0.0	0.414	1.0	0.0	85.1	−70.3	81.7	107.9	130	0.45	1.0	0.0			
130	124	131	0.433	1.0	0.0	85.2	−69.2	81.8	107.2	130	0.615	1.0	0.0	86.9	−56.5	83.9	101.1	124	0.433	1.0	0.0	0.372	1.0	0.0	84.7	−72.9	81.3	109.2	131	0.433	1.0	0.0			
130	125	133	0.416	1.0	0.0	85.0	−70.2	81.7	107.8	130	0.589	1.0	0.0	86.6	−58.4	83.6	102.1	125	0.417	1.0	0.0	0.309	1.0	0.0	84.4	−75.6	80.9	110.8	133	0.417	1.0	0.0			
131	126	134	0.4	1.0	0.0	84.9	−71.3	81.5	108.3	131	0.562	1.0	0.0	86.3	−60.4	83.3	103.0	126	0.4	1.0	0.0	0.244	1.0	0.0	84.1	−78.3	80.5	112.4	134	0.4	1.0	0.0			
131	127	135	0.383	1.0	0.0	84.8	−72.3	81.3	108.8	131	0.536	1.0	0.0	86.1	−62.4	83.0	103.9	127	0.383	1.0	0.0	0.132	1.0	0.0	83.8	−81.2	80.1	114.1	135	0.383	1.0	0.0			
132	128	136	0.366	1.0	0.0	84.7	−73.2	81.2	109.3	132	0.51	1.0	0.0	85.8	−64.4	82.6	104.8	128	0.367	1.0	0.0	0.0	1.0	0.073	83.7	−82.3	78.0	113.5	136	0.367	1.0	0.0			
132	129	137	0.35	1.0	0.0	84.6	−73.9	81.1	109.7	132	0.477	1.0	0.0	85.5	−66.5	82.3	105.8	129	0.35	1.0	0.0	0.0	1.0	0.165	83.7	−81.6	74.2	110.4	137	0.35	1.0	0.0			
132	130	138	0.333	1.0	0.0	84.5	−74.6	81.0	110.1	132	0.442	1.0	0.0	85.3	−68.7	82.0	107.0	130	0.333	1.0	0.0	0.0	1.0	0.227	83.8	−80.8	70.5	107.3	138	0.333	1.0	0.0			
132	131	140	0.316	1.0	0.0	84.4	−75.3	80.9	110.6	132	0.406	1.0	0.0	85.0	−70.9	81.6	108.1	131	0.317	1.0	0.0	0.0	1.0	0.273	83.8	−80.0	67.0	104.5	140	0.317	1.0	0.0			
133	132	141	0.3	1.0	0.0	84.3	−76.0	80.8	111.0	133	0.368	1.0	0.0	84.7	−73.1	81.2	109.3	132	0.3	1.0	0.0	0.0	1.0	0.311	83.9	−79.3	63.7	101.8	141	0.3	1.0	0.0			
133	133	142	0.283	1.0	0.0	84.2	−76.8	80.7	111.4	133	0.314	1.0	0.0	84.5	−75.4	80.9	110.7	133	0.283	1.0	0.0	0.0	1.0	0.349	84.0	−78.4	60.4	99.0	142	0.283	1.0	0.0			
133	134	143	0.266	1.0	0.0	84.2	−77.5	80.6	111.8	133	0.261	1.0	0.0	84.2	−77.7	80.6	112.0	134	0.267	1.0	0.0	0.0	1.0	0.383	84.0	−77.5	57.3	96.4	143	0.267	1.0	0.0			
134	135	144	0.25	1.0	0.0	84.1	−78.2	80.5	112.2	134	0.173	1.0	0.0	83.9	−80.2	80.3	113.5	135	0.25	1.0	0.0	0.0	1.0	0.41	84.1	−76.8	54.3	94.1	144	0.25	1.0	0.0			
134	136	145	0.233	1.0	0.0	84.0	−78.7	80.4	112.5	134	0.004	1.0	0.0	83.6	−82.6	79.9	115.0	136	0.233	1.0	0.0	0.0	1.0	0.437	84.2	−75.9	51.5	91.8	145	0.233	1.0	0.0			
134	137	147	0.216	1.0	0.0	84.0	−79.1	80.4	112.8	134	0.0	1.0	0.125	83.7	−82.1	76.6	112.3	137	0.217	1.0	0.0	0.0	1.0	0.464	84.2	−75.0	48.7	89.5	147	0.217	1.0	0.0			
134	138	148	0.2	1.0	0.0	83.9	−79.5	80.3	113.0	134	0.0	1.0	0.178	83.7	−81.4	73.4	109.7	138	0.2	1.0	0.0	0.0	1.0	0.491	84.3	−74.1	45.9	87.2	148	0.2	1.0	0.0			
134	139	149	0.183	1.0	0.0	83.9	−79.9	80.2	113.3	134	0.0	1.0	0.231	83.8	−80.7	70.3	107.1	139	0.183	1.0	0.0	0.0	1.0	0.513	84.4	−73.3	43.4	85.2	149	0.183	1.0	0.0			
135	140	150	0.166	1.0	0.0	83.8	−80.4	80.2	113.5	135	0.0	1.0	0.271	83.8	−80.1	67.3	104.7	140	0.167	1.0	0.0	0.0	1.0	0.533	84.5	−72.5	41.0	83.4	150	0.167	1.0	0.0			
135	141	151	0.15	1.0	0.0	83.8	−80.8	80.1	113.8	135	0.0	1.0	0.303	83.9	−79.4	64.4	102.3	141	0.15	1.0	0.0	0.0	1.0	0.553	84.5	−71.7	38.6	81.6	151	0.15	1.0	0.0			
135	142	152	0.133	1.0	0.0	83.7	−81.2	80.1	114.1	135	0.0	1.0	0.335	83.9	−78.7	61.6	100.0	142	0.133	1.0	0.0	0.0	1.0	0.573	84.6	−70.9	36.3	79.8	152	0.133	1.0	0.0			
135	143	154	0.116	1.0	0.0	83.7	−81.5	80.0	114.2	135	0.0	1.0	0.368	84.0	−77.9	58.8	97.7	143	0.117	1.0	0.0	0.0	1.0	0.593	84.7	−70.0	34.1	77.9	154	0.117	1.0	0.0			
135	144	155	0.1	1.0	0.0	83.7	−81.7	80.0	114.4	135	0.0	1.0	0.393	84.1	−77.3	56.2	95.6	144	0.1	1.0	0.0	0.0	1.0	0.614	84.7	−69.0	31.9	76.1	155	0.1	1.0	0.0			
135	145	156	0.083	1.0	0.0	83.7	−81.9	80.0	114.5	135	0.0	1.0	0.416	84.1	−76.6	53.7	93.6	145	0.083	1.0	0.0	0.0	1.0	0.631	84.8	−68.2	29.8	74.5	156	0.083	1.0	0.0			
135	146	157	0.066	1.0	0.0	83.7	−82.0	79.9	114.6	135	0.0	1.0	0.439	84.2	−75.9	51.3	91.7	146	0.067	1.0	0.0	0.0	1.0	0.646	84.9	−67.5	27.9	73.2	157	0.067	1.0	0.0			
135	147	158	0.049	1.0	0.0	83.6	−82.2	79.9	114.7	135	0.0	1.0	0.462	84.2	−75.1	48.8	89.7	147	0.05	1.0	0.0	0.0	1.0	0.661	85.0	−66.9	26.1	71.9	158	0.05	1.0	0.0			
135	148	159	0.033	1.0	0.0	83.6	−82.4	79.9	114.8	135	0.0	1.0	0.485	84.3	−74.3	46.5	87.7	148	0.033	1.0	0.0	0.0	1.0	0.676	85.0	−66.2	24.3	70.6	159	0.033	1.0	0.0			
135	149	161	0.016	1.0	0.0	83.6	−82.6	79.9	114.9	135	0.0	1.0	0.506	84.4	−73.5	44.2	85.9	149	0.017	1.0	0.0	0.0	1.0	0.691	85.1	−65.4	22.5	69.2	161	0.017	1.0	0.0			
136	150	162	0.0	1.0	0.0	83.6	−82.7	79.8	115.0	136	G_d	0.0	1.0	0.523	84.4	−72.9	42.1	84.3	150	G_s	0.0	1.0	0.0	0.0	1.0	0.706	85.2	−64.6	20.7	67.9	162	G_e	0.0	1.0	0.0			
136	151	163	0.0	1.0	0.016	83.6	−82.7	79.4	114.6	136	0.0	1.0	0.541	84.5	−72.3	40.1	82.7	151	0.0	1.0	0.017	0.0	1.0	0.718	85.2	−63.9	19.4	66.9	163	0.0	1.0	0.017			
136	152	164	0.0	1.0	0.033	83.6	−82.6	79.0	114.3	136	0.0	1.0	0.558	84.5	−71.6	38.1	81.2	152	0.0	1.0	0.033	0.0	1.0	0.73	85.3	−63.2	18.1	65.9	164	0.0	1.0	0.033			
136	153	164	0.0	1.0	0.05	83.6	−82.5	78.5	113.9	136	0.0	1.0	0.575	84.6	−70.8	36.1	79.6	153	0.0	1.0	0.05	0.0	1.0	0.741	85.3	−62.5	16.8	64.8	164	0.0	1.0	0.05			
136	154	165	0.0	1.0	0.066	83.6	−82.4	78.1	113.5	136	0.0	1.0	0.592	84.7	−70.0	34.2	78.0	154	0.0	1.0	0.067	0.0	1.0	0.752	85.4	−61.9	15.6	63.9	165	0.0	1.0	0.067			
136	155	166	0.0	1.0	0.083	83.6	−82.3	77.6	113.2	136	0.0	1.0	0.61	84.7	−69.2	32.3	76.5	155	0.0	1.0	0.083	0.0	1.0	0.761	85.4	−61.5	14.5	63.2	166	0.0	1.0	0.083			
136	156	167	0.0	1.0	0.1	83.6	−82.2	77.2	112.8	136	0.0	1.0	0.626	84.8	−68.4	30.5	74.9	156	0.0	1.0	0.1	0.0	1.0	0.77	85.5	−61.1	13.3	62.6	167	0.0	1.0	0.1			
136	157	168	0.0	1.0	0.116	83.6	−82.1	76.8	112.5	136	0.0	1.0	0.639	84.9	−67.8	28.8	73.8	157	0.0	1.0	0.117	0.0	1.0	0.778	85.5	−60.6	12.2	61.9	168	0.0	1.0	0.117			
137	158	169	0.0	1.0	0.133	83.6	−82.0	76.0	111.9	137	0.0	1.0	0.652	84.9	−67.3	27.2	72.7	158	0.0	1.0	0.133	0.0	1.0	0.787	85.6	−60.2	11.1	61.3	169	0.0	1.0	0.133			
137	159	170	0.0	1.0	0.15	83.7	−81.8	75.0	111.0	137	0.0	1.0	0.665	85.0	−66.7	25.6	71.6	159	0.0	1.0	0.15	0.0	1.0	0.795	85.6	−59.7	10.1	60.6	170	0.0	1.0	0.15			
137	160	171	0.0	1.0	0.166	83.7	−81.6	74.0	110.2	137	0.0	1.0	0.678	85.0	−66.1	24.1	70.4	160	0.0	1.0	0.167	0.0	1.0	0.804	85.7	−59.2	9.0	60.0	171	0.0	1.0	0.167			
138	161	172	0.0	1.0	0.183	83.7	−81.4	73.0	109.4	138	0.0	1.0	0.691	85.1	−65.4	22.6	69.3	161	0.0	1.0	0.183	0.0	1.0	0.813	85.7	−58.7	8.0	59.3	172	0.0	1.0	0.183			
138	162	173	0.0	1.0	0.2	83.7	−81.2	72.0	108.6	138	0.0	1.0	0.703	85.1	−64.7	21.1	68.2	162	0.0	1.0	0.2	0.0	1.0	0.821	85.8	−58.1	7.0	58.7	173	0.0	1.0	0.2			
138	163	174	0.0	1.0	0.216	83.7	−81.0	71.1	107.8	138	0.0	1.0	0.716	85.2	−64.0	19.6	67.0	163	0.0	1.0	0.217	0.0	1.0	0.83	85.8	−57.6	6.0	58.0	174	0.0	1.0	0.217			
139	164	175	0.0	1.0	0.233	83.7	−80.8	70.1	106.9	139	0.0	1.0	0.729	85.3	−63.3	18.2	65.9	164	0.0	1.0	0.233	0.0	1.0	0.839	85.8	−57.0	5.0	57.3	175	0.0	1.0	0.233			
139	165	175	0.0	1.0	0.25	83.8	−80.5	69.1	106.1	139	0.0	1.0	0.742	85.3	−62.5	16.8	64.8	165	0.0	1.0	0.25	0.0	1.0	0.847	85.9	−56.4	4.0	56.7	175	0.0	1.0	0.25			



Data til maksimalfargen M in fargemetrisk system Offset standard print; separation cmyn6*, 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*$_d$: $h_{ab,d}$ = 40.0, 102.9, 136.0, 196.4, 306.3, 328.2; seks fargetonevinkler til elementærfargene *RYGCBM*$_e$: $h_{ab,e}$ = 25.5, 92.3, 162.2, 217.0, 271.7, 328.6

$h_{ab,d}$	$h_{ab,s}$	$h_{ab,e}$	*rgb**dd361M			*LAB**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
139	165	175	0.0	1.0	0.25	83.8	−80.5	69.1	106.1	139	0.0	1.0	0.742	85.3	−62.5	16.8	64.8	165	0.0	1.0	0.25	0.0	1.0	0.847	85.9	−56.4	4.0	56.7	175	0.0	1.0	0.25			
139	166	176	0.0	1.0	0.266	83.8	−80.2	67.6	104.9	139	0.0	1.0	0.753	85.4	−61.8	15.4	63.8	166	0.0	1.0	0.267	0.0	1.0	0.856	85.9	−55.9	3.1	56.0	176	0.0	1.0	0.267			
140	167	177	0.0	1.0	0.283	83.8	−79.9	66.1	103.7	140	0.0	1.0	0.763	85.4	−61.4	14.2	63.1	167	0.0	1.0	0.283	0.0	1.0	0.864	86.0	−55.2	2.2	55.4	177	0.0	1.0	0.283			
140	168	178	0.0	1.0	0.3	83.8	−79.6	64.6	102.5	140	0.0	1.0	0.772	85.5	−60.9	13.0	62.4	168	0.0	1.0	0.3	0.0	1.0	0.873	86.0	−54.6	1.3	54.7	178	0.0	1.0	0.3			
141	169	179	0.0	1.0	0.316	83.9	−79.2	63.1	101.3	141	0.0	1.0	0.782	85.5	−60.4	11.8	61.7	169	0.0	1.0	0.317	0.0	1.0	0.88	86.1	−54.2	0.4	54.3	179	0.0	1.0	0.317			
141	170	180	0.0	1.0	0.333	83.9	−78.8	61.7	100.1	141	0.0	1.0	0.791	85.6	−59.9	10.6	60.9	170	0.0	1.0	0.333	0.0	1.0	0.887	86.1	−53.9	−0.3	54.0	180	0.0	1.0	0.333			
142	171	181	0.0	1.0	0.35	83.9	−78.4	60.2	98.9	142	0.0	1.0	0.801	85.6	−59.4	9.4	60.2	171	0.0	1.0	0.35	0.0	1.0	0.893	86.2	−53.5	−1.2	53.6	181	0.0	1.0	0.35			
142	172	182	0.0	1.0	0.366	84.0	−78.0	58.8	97.7	142	0.0	1.0	0.81	85.7	−58.8	8.3	59.5	172	0.0	1.0	0.367	0.0	1.0	0.9	86.2	−53.2	−2.0	53.3	182	0.0	1.0	0.367			
143	173	183	0.0	1.0	0.383	84.0	−77.6	57.2	96.4	143	0.0	1.0	0.82	85.7	−58.2	7.2	58.8	173	0.0	1.0	0.383	0.0	1.0	0.906	86.3	−52.8	−2.9	53.0	183	0.0	1.0	0.383			
144	174	184	0.0	1.0	0.4	84.0	−77.1	55.4	94.9	144	0.0	1.0	0.829	85.8	−57.6	6.1	58.1	174	0.0	1.0	0.4	0.0	1.0	0.913	86.3	−52.4	−3.7	52.6	184	0.0	1.0	0.4			
145	175	185	0.0	1.0	0.416	84.1	−76.6	53.6	93.5	145	0.0	1.0	0.839	85.8	−57.0	5.0	57.3	175	0.0	1.0	0.417	0.0	1.0	0.919	86.3	−52.0	−4.5	52.3	185	0.0	1.0	0.417			
145	176	185	0.0	1.0	0.433	84.1	−76.1	51.8	92.1	145	0.0	1.0	0.848	85.9	−56.4	4.0	56.6	176	0.0	1.0	0.433	0.0	1.0	0.926	86.4	−51.6	−5.3	52.0	185	0.0	1.0	0.433			
146	177	186	0.0	1.0	0.45	84.2	−75.6	50.0	90.6	146	0.0	1.0	0.857	86.0	−55.7	2.9	55.9	177	0.0	1.0	0.45	0.0	1.0	0.932	86.4	−51.2	−6.1	51.6	186	0.0	1.0	0.45			
147	178	187	0.0	1.0	0.466	84.2	−75.0	48.3	89.2	147	0.0	1.0	0.867	86.0	−55.1	1.9	55.2	178	0.0	1.0	0.467	0.0	1.0	0.939	86.5	−50.7	−6.8	51.3	187	0.0	1.0	0.467			
147	179	188	0.0	1.0	0.483	84.3	−74.4	46.6	87.8	147	0.0	1.0	0.876	86.1	−54.4	1.0	54.5	179	0.0	1.0	0.483	0.0	1.0	0.945	86.5	−50.3	−7.6	51.0	188	0.0	1.0	0.483			
148	180	189	0.0	1.0	0.5	84.3	−73.7	44.9	86.4	148	0.0	1.0	0.883	86.1	−54.1	0.0	54.2	180	0.0	1.0	0.5	0.0	1.0	0.952	86.6	−49.8	−8.3	50.6	189	0.0	1.0	0.5			
149	181	190	0.0	1.0	0.516	84.4	−73.2	42.9	84.8	149	0.0	1.0	0.89	86.2	−53.7	−0.8	53.8	181	0.0	1.0	0.517	0.0	1.0	0.958	86.6	−49.3	−9.1	50.3	190	0.0	1.0	0.517			
150	182	191	0.0	1.0	0.533	84.4	−72.6	40.9	83.3	150	0.0	1.0	0.897	86.2	−53.3	−1.8	53.4	182	0.0	1.0	0.533	0.0	1.0	0.965	86.6	−48.9	−9.8	50.0	191	0.0	1.0	0.533			
151	183	192	0.0	1.0	0.55	84.5	−71.9	39.0	81.8	151	0.0	1.0	0.905	86.2	−52.9	−2.7	53.1	183	0.0	1.0	0.55	0.0	1.0	0.971	86.7	−48.4	−10.5	49.6	192	0.0	1.0	0.55			
152	184	193	0.0	1.0	0.566	84.5	−71.2	37.0	80.3	152	0.0	1.0	0.912	86.3	−52.5	−3.6	52.7	184	0.0	1.0	0.567	0.0	1.0	0.978	86.7	−47.9	−11.2	49.3	193	0.0	1.0	0.567			
153	185	194	0.0	1.0	0.583	84.6	−70.5	35.2	78.8	153	0.0	1.0	0.919	86.3	−52.0	−4.5	52.3	185	0.0	1.0	0.583	0.0	1.0	0.984	86.8	−47.4	−11.9	48.9	194	0.0	1.0	0.583			
154	186	195	0.0	1.0	0.6	84.6	−69.7	33.3	77.3	154	0.0	1.0	0.926	86.4	−51.6	−5.3	52.0	186	0.0	1.0	0.6	0.0	1.0	0.991	86.8	−46.8	−12.5	48.6	195	0.0	1.0	0.6			
155	187	195	0.0	1.0	0.616	84.7	−68.9	31.5	75.8	155	0.0	1.0	0.933	86.4	−51.1	−6.2	51.6	187	0.0	1.0	0.617	0.0	1.0	0.997	86.9	−46.3	−13.2	48.3	195	0.0	1.0	0.617			
156	188	196	0.0	1.0	0.633	84.8	−68.1	29.5	74.3	156	0.0	1.0	0.94	86.5	−50.6	−7.0	51.2	188	0.0	1.0	0.633	0.0	0.997	1.0	86.7	−45.8	−13.9	48.0	196	0.0	1.0	0.633			
157	189	197	0.0	1.0	0.65	84.8	−67.4	27.4	72.8	157	0.0	1.0	0.947	86.5	−50.1	−7.9	50.8	189	0.0	1.0	0.65	0.0	0.992	1.0	86.3	−45.4	−14.5	47.8	197	0.0	1.0	0.65			
159	190	198	0.0	1.0	0.666	84.9	−66.7	25.4	71.3	159	0.0	1.0	0.955	86.6	−49.6	−8.7	50.5	190	0.0	1.0	0.667	0.0	0.987	1.0	86.0	−44.9	−15.2	47.5	198	0.0	1.0	0.667			
160	191	199	0.0	1.0	0.683	85.0	−65.8	23.4	69.9	160	0.0	1.0	0.962	86.6	−49.1	−9.5	50.1	191	0.0	1.0	0.683	0.0	0.983	1.0	85.6	−44.4	−15.8	47.3	199	0.0	1.0	0.683			
161	192	200	0.0	1.0	0.7	85.1	−65.0	21.4	68.4	161	0.0	1.0	0.969	86.7	−48.6	−10.2	49.7	192	0.0	1.0	0.7	0.0	0.978	1.0	85.3	−44.0	−16.4	47.1	200	0.0	1.0	0.7			
163	193	201	0.0	1.0	0.716	85.2	−64.0	19.5	67.0	163	0.0	1.0	0.976	86.7	−48.0	−11.0	49.4	193	0.0	1.0	0.717	0.0	0.973	1.0	85.0	−43.5	−17.0	46.8	201	0.0	1.0	0.717			
164	194	202	0.0	1.0	0.733	85.2	−63.1	17.6	65.5	164	0.0	1.0	0.983	86.8	−47.5	−11.8	49.0	194	0.0	1.0	0.733	0.0	0.968	1.0	84.6	−43.0	−17.6	46.6	202	0.0	1.0	0.733			
165	195	203	0.0	1.0	0.75	85.3	−62.0	15.9	64.0	165	0.0	1.0	0.99	86.8	−46.9	−12.5	48.6	195	0.0	1.0	0.75	0.0	0.963	1.0	84.3	−42.5	−18.2	46.4	203	0.0	1.0	0.75			
167	196	204	0.0	1.0	0.766	85.4	−61.2	13.7	62.8	167	0.0	1.0	0.997	86.9	−46.3	−13.2	48.3	196	0.0	1.0	0.767	0.0	0.958	1.0	83.9	−42.0	−18.8	46.1	204	0.0	1.0	0.767			
169	197	205	0.0	1.0	0.783	85.5	−60.4	11.5	61.5	169	0.0	0.997	1.0	86.6	−45.8	−13.9	48.0	197	0.0	1.0	0.783	0.0	0.953	1.0	83.6	−41.5	−19.4	45.9	205	0.0	1.0	0.783			
170	198	206	0.0	1.0	0.8	85.6	−59.5	9.5	60.2	170	0.0	0.991	1.0	86.3	−45.3	−14.6	47.7	198	0.0	1.0	0.8	0.0	0.949	1.0	83.2	−40.9	−19.9	45.7	206	0.0	1.0	0.8			
172	199	206	0.0	1.0	0.816	85.7	−58.5	7.5	59.0	172	0.0	0.986	1.0	85.9	−44.8	−15.4	47.5	199	0.0	1.0	0.817	0.0	0.944	1.0	82.9	−40.4	−20.5	45.4	206	0.0	1.0	0.817			
174	200	207	0.0	1.0	0.833	85.8	−57.4	5.5	57.7	174	0.0	0.981	1.0	85.5	−44.3	−16.0	47.2	200	0.0	1.0	0.833	0.0	0.939	1.0	82.5	−39.9	−21.0	45.2	207	0.0	1.0	0.833			
176	201	208	0.0	1.0	0.85	85.9	−56.3	3.7	56.4	176	0.0	0.975	1.0	85.1	−43.7	−16.7	47.0	201	0.0	1.0	0.85	0.0	0.934	1.0	82.2	−39.3	−21.5	45.0	208	0.0	1.0	0.85			
177	202	209	0.0	1.0	0.866	86.0	−55.1	1.9	55.2	177	0.0	0.97	1.0	84.7	−43.2	−17.4	46.7	202	0.0	1.0	0.867	0.0	0.929	1.0	81.8	−38.8	−22.1	44.7	209	0.0	1.0	0.867			
180	203	210	0.0	1.0	0.883	86.1	−54.1	0.0	54.1	180	0.0	0.965	1.0	84.4	−42.7	−18.0	46.4	203	0.0	1.0	0.883	0.0	0.924	1.0	81.5	−38.2	−22.6	44.5	210	0.0	1.0	0.883			
182	204	211	0.0	1.0	0.9	86.2	−53.2	−2.1	53.2	182	0.0	0.959	1.0	84.0	−42.1	−18.7	46.2	204	0.0	1.0	0.9	0.0	0.919	1.0	81.2	−37.7	−23.0	44.3	211	0.0	1.0	0.9			
184	205	212	0.0	1.0	0.916	86.3	−52.2	−4.2	52.4	184	0.0	0.954	1.0	83.6	−41.5	−19.3	45.9	205	0.0	1.0	0.917	0.0	0.915	1.0	80.8	−37.1	−23.5	44.0	212	0.0	1.0	0.917			
187	206	213	0.0	1.0	0.933	86.4	−51.1	−6.3	51.5	187	0.0	0.949	1.0	83.2	−41.0	−19.9	45.7	206	0.0	1.0	0.933	0.0	0.91	1.0	80.5	−36.5	−24.0	43.8	213	0.0	1.0	0.933			
189	207	214	0.0	1.0	0.95	86.5	−50.0	−8.2	50.7	189	0.0	0.943	1.0	82.9	−40.4	−20.5	45.4	207	0.0	1.0	0.95	0.0	0.905	1.0	80.1	−35.9	−24.4	43.6	214	0.0	1.0	0.95			
191	208	215	0.0	1.0	0.966	86.6	−48.8	−10.1	49.8	191	0.0	0.938	1.0	82.5	−39.8	−21.1	45.2	208	0.0	1.0	0.967	0.0	0.9	1.0	79.8	−35.3	−24.9	43.3	215	0.0	1.0	0.967			
194	209	216	0.0	1.0	0.983	86.7	−47.5	−11.8	48.9	194	0.0	0.933	1.0	82.1	−39.2	−21.7	44.9	209	0.0	1.0	0.983	0.0	0.895	1.0	79.4	−34.8	−25.3	43.1	216	0.0	1.0	0.983			
196	210	216	0.0	1.0	1.0	86.8	−46.1	−13.5	48.1	196	C_d	0.927	1.0	81.7	−38.6	−22.2	44.7	210	C_s	0.0	1.0	1.0	0.0	0.89	1.0	79.1	−34.2	−25.7	42.9	216	C_e	0.0	1.0	1.0			

TUB-prøveplansje RN89; 16-trinns fargetonesirkel, *cf*=1
48-trinns fargetonesirkel; *rgb−LabCh**tabeller

input: *rgb/cmyk −> rgb*$_{de}$
output: 3D-linearisering til *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 *RYGCBM*$_s$: $h_{ab,ds}$ = 30.0, 90.0, 150.0, 210.0, 270.0, 330.0; seks fargetonevinkler til apparatfargene *RYGCBM*$_d$: $h_{ab,d}$ = 40.0, 102.9, 136.0, 196.4, 306.3, 328.2; seks fargetonevinkler til elementærfargene *RYGCBM*$_e$: $h_{ab,e}$ = 25.5, 92.3, 162.2, 217.0, 271.7, 328.6

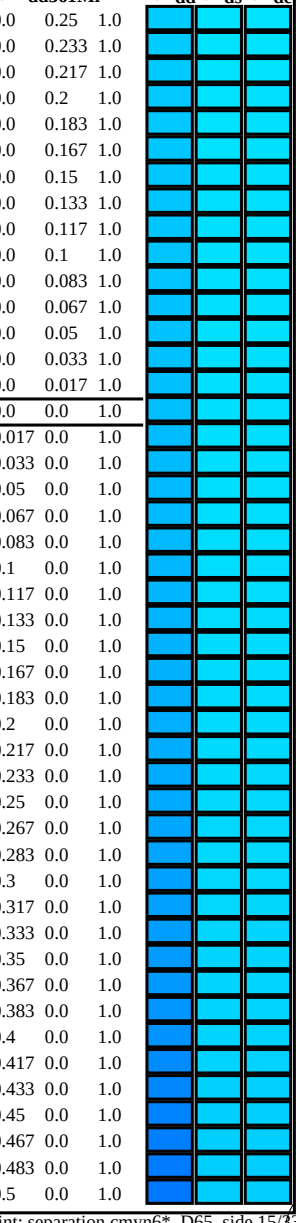
$h_{ab,d}$	$h_{ab,s}$	$h_{ab,e}$	*rgb** dd361M			*LAB** ddx361Mi (x=LabCh)					*rgb** ds361Mi			*LAB** dsx361Mi (x=LabCh)					*rgb** dd361Mi			*rgb** de361Mi			*LAB** dex361Mi (x=LabCh)					*rgb** dd361Mi			*rgb** dd	*rgb** ds	*rgb** de
196	210	216	0.0	1.0	1.0	86.8	−46.1	−13.5	48.1	196	C_d	0.0	0.927	1.0	81.7	−38.6	−22.2	44.7	210	C_s	0.0	1.0	1.0	0.0	0.89	1.0	79.1	−34.2	−25.7	42.9	216	C_e	0.0	1.0	1.0			
199	211	217	0.0	0.983	1.0	85.6	−44.6	−15.8	47.3	199		0.0	0.922	1.0	81.3	−38.0	−22.8	44.4	211		0.0	0.983	1.0	0.0	0.885	1.0	78.7	−33.6	−26.1	42.7	217		0.0	0.983	1.0			
202	212	218	0.0	0.966	1.0	84.5	−42.9	−17.9	46.5	202		0.0	0.917	1.0	81.0	−37.3	−23.3	44.2	212		0.0	0.967	1.0	0.0	0.881	1.0	78.4	−33.0	−26.5	42.4	218		0.0	0.967	1.0			
205	213	219	0.0	0.95	1.0	83.3	−41.1	−19.8	45.7	205		0.0	0.911	1.0	80.6	−36.7	−23.8	43.9	213		0.0	0.95	1.0	0.0	0.876	1.0	78.0	−32.3	−26.9	42.2	219		0.0	0.95	1.0			
208	214	220	0.0	0.933	1.0	82.1	−39.3	−21.7	44.9	208		0.0	0.906	1.0	80.2	−36.1	−24.3	43.6	214		0.0	0.933	1.0	0.0	0.871	1.0	77.7	−31.9	−27.4	42.2	220		0.0	0.933	1.0			
212	215	221	0.0	0.916	1.0	80.9	−37.4	−23.4	44.1	212		0.0	0.901	1.0	79.8	−35.4	−24.8	43.4	215		0.0	0.917	1.0	0.0	0.867	1.0	77.4	−31.5	−27.9	42.3	221		0.0	0.917	1.0			
215	216	222	0.0	0.9	1.0	79.7	−35.4	−24.9	43.3	215		0.0	0.895	1.0	79.5	−34.8	−25.3	43.1	216		0.0	0.9	1.0	0.0	0.863	1.0	77.2	−31.1	−28.5	42.3	222		0.0	0.9	1.0			
218	217	223	0.0	0.883	1.0	78.5	−33.4	−26.3	42.5	218		0.0	0.89	1.0	79.1	−34.1	−25.7	42.9	217		0.0	0.883	1.0	0.0	0.859	1.0	76.9	−30.7	−29.0	42.4	223		0.0	0.883	1.0			
221	218	224	0.0	0.866	1.0	77.4	−31.5	−28.1	42.2	221		0.0	0.885	1.0	78.7	−33.5	−26.1	42.6	218		0.0	0.867	1.0	0.0	0.855	1.0	76.6	−30.3	−29.6	42.5	224		0.0	0.867	1.0			
225	219	225	0.0	0.85	1.0	76.2	−29.9	−30.2	42.5	225		0.0	0.879	1.0	78.3	−32.8	−26.6	42.4	219		0.0	0.85	1.0	0.0	0.851	1.0	76.3	−29.9	−30.1	42.6	225		0.0	0.85	1.0			
228	220	226	0.0	0.833	1.0	75.0	−28.1	−32.3	42.8	228		0.0	0.874	1.0	77.9	−32.2	−27.0	42.2	220		0.0	0.833	1.0	0.0	0.846	1.0	76.0	−29.4	−30.6	42.6	226		0.0	0.833	1.0			
232	221	227	0.0	0.816	1.0	73.8	−26.1	−34.2	43.1	232		0.0	0.87	1.0	77.6	−31.8	−27.6	42.2	221		0.0	0.817	1.0	0.0	0.842	1.0	75.7	−29.0	−31.1	42.7	227		0.0	0.817	1.0			
236	222	227	0.0	0.8	1.0	72.6	−24.0	−36.0	43.3	236		0.0	0.865	1.0	77.3	−31.3	−28.2	42.3	222		0.0	0.8	1.0	0.0	0.838	1.0	75.4	−28.5	−31.6	42.8	227		0.0	0.8	1.0			
239	223	228	0.0	0.783	1.0	71.4	−21.8	−37.7	43.6	239		0.0	0.861	1.0	77.0	−30.9	−28.8	42.4	223		0.0	0.783	1.0	0.0	0.834	1.0	75.1	−28.1	−32.1	42.8	228		0.0	0.783	1.0			
243	224	229	0.0	0.766	1.0	70.2	−19.5	−39.3	43.9	243		0.0	0.856	1.0	76.7	−30.4	−29.4	42.5	224		0.0	0.767	1.0	0.0	0.83	1.0	74.8	−27.6	−32.6	42.9	229		0.0	0.767	1.0			
247	225	230	0.0	0.75	1.0	69.1	−17.0	−40.7	44.1	247		0.0	0.851	1.0	76.3	−30.0	−30.0	42.5	225		0.0	0.75	1.0	0.0	0.826	1.0	74.5	−27.1	−33.1	43.0	230		0.0	0.75	1.0			
250	226	231	0.0	0.733	1.0	67.9	−15.3	−42.9	45.5	250		0.0	0.847	1.0	76.0	−29.5	−30.6	42.6	226		0.0	0.733	1.0	0.0	0.821	1.0	74.2	−26.6	−33.6	43.0	231		0.0	0.733	1.0			
253	227	232	0.0	0.716	1.0	66.7	−13.5	−44.9	46.9	253		0.0	0.842	1.0	75.7	−29.0	−31.1	42.7	227		0.0	0.717	1.0	0.0	0.817	1.0	73.9	−26.1	−34.1	43.1	232		0.0	0.717	1.0			
256	228	233	0.0	0.7	1.0	65.5	−11.4	−46.9	48.3	256		0.0	0.838	1.0	75.4	−28.5	−31.7	42.8	228		0.0	0.7	1.0	0.0	0.813	1.0	73.6	−25.6	−34.6	43.2	233		0.0	0.7	1.0			
259	229	234	0.0	0.683	1.0	64.4	−9.2	−48.8	49.7	259		0.0	0.833	1.0	75.0	−28.0	−32.2	42.8	229		0.0	0.683	1.0	0.0	0.809	1.0	73.3	−25.1	−35.0	43.2	234		0.0	0.683	1.0			
262	230	235	0.0	0.666	1.0	63.2	−6.8	−50.6	51.1	262		0.0	0.829	1.0	74.7	−27.5	−32.8	42.9	230		0.0	0.667	1.0	0.0	0.805	1.0	73.0	−24.6	−35.5	43.3	235		0.0	0.667	1.0			
265	231	236	0.0	0.65	1.0	62.0	−4.2	−52.3	52.5	265		0.0	0.824	1.0	74.4	−26.9	−33.3	43.0	231		0.0	0.65	1.0	0.0	0.801	1.0	72.7	−24.1	−35.9	43.4	236		0.0	0.65	1.0			
268	232	237	0.0	0.633	1.0	60.9	−1.5	−53.9	53.9	268		0.0	0.82	1.0	74.1	−26.4	−33.8	43.1	232		0.0	0.633	1.0	0.0	0.797	1.0	72.4	−23.5	−36.3	43.4	237		0.0	0.633	1.0			
270	233	237	0.0	0.616	1.0	59.7	0.8	−55.6	55.7	270		0.0	0.815	1.0	73.7	−25.9	−34.3	43.1	233		0.0	0.617	1.0	0.0	0.792	1.0	72.1	−23.0	−36.8	43.5	237		0.0	0.617	1.0			
272	234	238	0.0	0.6	1.0	58.6	2.9	−57.7	57.8	272		0.0	0.81	1.0	73.4	−25.3	−34.9	43.2	234		0.0	0.6	1.0	0.0	0.788	1.0	71.8	−22.4	−37.2	43.6	238		0.0	0.6	1.0			
274	235	239	0.0	0.583	1.0	57.4	5.1	−59.7	59.9	274		0.0	0.806	1.0	73.1	−24.7	−35.4	43.3	235		0.0	0.583	1.0	0.0	0.784	1.0	71.5	−21.8	−37.6	43.6	239		0.0	0.583	1.0			
276	236	240	0.0	0.566	1.0	56.3	7.4	−61.6	62.1	276		0.0	0.801	1.0	72.8	−24.1	−35.8	43.4	236		0.0	0.567	1.0	0.0	0.78	1.0	71.2	−21.3	−38.0	43.7	240		0.0	0.567	1.0			
278	237	241	0.0	0.55	1.0	55.2	10.0	−63.5	64.2	278		0.0	0.797	1.0	72.4	−23.6	−36.3	43.4	237		0.0	0.55	1.0	0.0	0.776	1.0	70.9	−20.7	−38.4	43.8	241		0.0	0.55	1.0			
280	238	242	0.0	0.533	1.0	54.0	12.6	−65.2	66.4	280		0.0	0.792	1.0	72.1	−23.0	−36.8	43.5	238		0.0	0.533	1.0	0.0	0.772	1.0	70.6	−20.1	−38.8	43.8	242		0.0	0.533	1.0			
283	239	243	0.0	0.516	1.0	52.9	15.4	−66.8	68.5	283		0.0	0.788	1.0	71.8	−22.3	−37.2	43.6	239		0.0	0.517	1.0	0.0	0.767	1.0	70.3	−19.5	−39.2	43.9	243		0.0	0.517	1.0			
285	240	244	0.0	0.5	1.0	51.7	18.3	−68.3	70.7	285		0.0	0.783	1.0	71.5	−21.7	−37.7	43.6	240		0.0	0.5	1.0	0.0	0.763	1.0	70.1	−18.9	−39.5	44.0	244		0.0	0.5	1.0			
286	241	245	0.0	0.483	1.0	50.7	20.6	−70.2	73.2	286		0.0	0.779	1.0	71.1	−21.1	−38.1	43.7	241		0.0	0.483	1.0	0.0	0.759	1.0	69.8	−18.3	−39.9	44.0	245		0.0	0.483	1.0			
287	242	246	0.0	0.466	1.0	49.6	22.9	−72.1	75.7	287		0.0	0.774	1.0	70.8	−20.5	−38.6	43.8	242		0.0	0.467	1.0	0.0	0.755	1.0	69.5	−17.7	−40.2	44.1	246		0.0	0.467	1.0			
288	243	247	0.0	0.45	1.0	48.6	25.4	−74.0	78.2	288		0.0	0.769	1.0	70.5	−19.8	−39.0	43.9	243		0.0	0.45	1.0	0.0	0.751	1.0	69.2	−17.1	−40.6	44.2	247		0.0	0.45	1.0			
290	244	248	0.0	0.433	1.0	47.5	28.0	−75.7	80.7	290		0.0	0.765	1.0	70.2	−19.2	−39.4	43.9	244		0.0	0.433	1.0	0.0	0.746	1.0	68.8	−16.6	−41.2	44.5	248		0.0	0.433	1.0			
291	245	248	0.0	0.416	1.0	46.5	30.6	−77.4	83.2	291		0.0	0.76	1.0	69.8	−18.5	−39.8	44.0	245		0.0	0.417	1.0	0.0	0.741	1.0	68.5	−16.1	−41.8	45.0	248		0.0	0.417	1.0			
292	246	249	0.0	0.4	1.0	45.4	33.3	−79.0	85.7	292		0.0	0.756	1.0	69.5	−17.8	−40.2	44.1	246		0.0	0.4	1.0	0.0	0.736	1.0	68.1	−15.5	−42.5	45.4	249		0.0	0.4	1.0			
294	247	250	0.0	0.383	1.0	44.3	36.2	−80.5	88.2	294		0.0	0.751	1.0	69.2	−17.2	−40.6	44.2	247		0.0	0.383	1.0	0.0	0.731	1.0	67.8	−15.0	−43.1	45.8	250		0.0	0.383	1.0			
295	248	251	0.0	0.366	1.0	43.4	38.7	−82.0	90.7	295		0.0	0.746	1.0	68.8	−16.6	−41.2	44.5	248		0.0	0.367	1.0	0.0	0.726	1.0	67.4	−14.4	−43.8	46.2	251		0.0	0.367	1.0			
296	249	252	0.0	0.35	1.0	42.5	41.0	−83.6	93.2	296		0.0	0.74	1.0	68.4	−16.0	−41.9	45.0	249		0.0	0.35	1.0	0.0	0.721	1.0	67.0	−13.9	−44.4	46.6	252		0.0	0.35	1.0			
296	250	253	0.0	0.333	1.0	41.6	43.4	−85.2	95.6	296		0.0	0.735	1.0	68.0	−15.4	−42.6	45.5	250		0.0	0.333	1.0	0.0	0.716	1.0	66.7	−13.3	−45.0	47.1	253		0.0	0.333	1.0			
297	251	254	0.0	0.316	1.0	40.7	45.8	−86.7	98.1	297		0.0	0.729	1.0	67.7	−14.8	−43.3	45.9	251		0.0	0.317	1.0	0.0	0.71	1.0	66.3	−12.7	−45.6	47.5	254		0.0	0.317	1.0			
298	252	255	0.0	0.3	1.0	39.8	48.2	−88.2	100.5	298		0.0	0.724	1.0	67.3	−14.2	−44.0	46.4	252		0.0	0.3	1.0	0.0	0.705	1.0	66.0	−12.0	−46.2	47.9	255		0.0	0.3	1.0			
299	253	256	0.0	0.283	1.0	38.9	50.7	−89.6	103.0	299		0.0	0.718	1.0	66.9	−13.6	−44.7	46.8	253		0.0	0.283	1.0	0.0	0.7	1.0	65.6	−11.4	−46.8	48.3	256		0.0	0.283	1.0			
300	254	257	0.0	0.266	1.0	38.0	53.3	−91.0	105.4	300		0.0	0.713	1.0	66.5	−12.9	−45.4	47.3	254		0.0	0.267	1.0	0.0	0.695	1.0	65.3	−10.8	−47.4	48.8	257		0.0	0.267	1.0			
301	255	258	0.0	0.25	1.0	37.1	55.9	−92.3	107.9	301		0.0	0.707	1.0	66.1	−12.3	−46.0	47.8	255		0.0	0.25	1.0	0.0	0.69	1.0	64.9	−10.1	−48.0	49.2	258		0.0	0.25	1.0			

TUB-prøveplansje RN89; 16-trinns fargetonesirkel, *cf*=1
48-trinns fargetonesirkel; *rgb−LabCh**tabeller

input: *rgb/cmyk −> rgb*$_{de}$
output: 3D-linearisering til *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 *RYGCBM*$_s$: $h_{ab,ds}$ = 30.0, 90.0, 150.0, 210.0, 270.0, 330.0; seks fargetonevinkler til apparatfargene *RYGCBM*$_d$: $h_{ab,d}$ = 40.0, 102.9, 136.0, 196.4, 306.3, 328.2; seks fargetonevinkler til elementærfargene *RYGCBM*$_e$: $h_{ab,e}$ = 25.5, 92.3, 162.2, 217.0, 271.7, 328.6

$h_{ab,d}$	$h_{ab,s}$	$h_{ab,e}$	*rgb**dd361M			*LAB**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
301	255	258	0.0	0.25	1.0	37.1	55.9	−92.3	107.9	301	0.0	0.707	1.0	66.1	−12.3	−46.0	47.8	255	0.0	0.25	1.0	0.0	0.69	1.0	64.9	−10.1	−48.0	49.2	258	0.0	0.25	1.0			
301	256	258	0.0	0.233	1.0	36.5	57.6	−93.4	109.7	301	0.0	0.702	1.0	65.7	−11.6	−46.7	48.2	256	0.0	0.233	1.0	0.0	0.685	1.0	64.6	−9.4	−48.6	49.6	258	0.0	0.233	1.0			
302	257	259	0.0	0.216	1.0	35.9	59.4	−94.5	111.6	302	0.0	0.696	1.0	65.3	−10.9	−47.3	48.7	257	0.0	0.217	1.0	0.0	0.68	1.0	64.2	−8.7	−49.1	50.0	259	0.0	0.217	1.0			
302	258	260	0.0	0.2	1.0	35.2	61.2	−95.5	113.5	302	0.0	0.691	1.0	64.9	−10.1	−48.0	49.1	258	0.0	0.2	1.0	0.0	0.675	1.0	63.8	−8.0	−49.7	50.4	260	0.0	0.2	1.0			
303	259	261	0.0	0.183	1.0	34.6	63.0	−96.6	115.3	303	0.0	0.685	1.0	64.5	−9.4	−48.6	49.6	259	0.0	0.183	1.0	0.0	0.67	1.0	63.5	−7.2	−50.2	50.9	261	0.0	0.183	1.0			
303	260	262	0.0	0.166	1.0	34.0	64.8	−97.6	117.2	303	0.0	0.679	1.0	64.2	−8.6	−49.2	50.1	260	0.0	0.167	1.0	0.0	0.665	1.0	63.1	−6.5	−50.8	51.3	262	0.0	0.167	1.0			
304	261	263	0.0	0.15	1.0	33.4	66.7	−98.6	119.1	304	0.0	0.674	1.0	63.8	−7.8	−49.8	50.5	261	0.0	0.15	1.0	0.0	0.66	1.0	62.8	−5.7	−51.3	51.7	263	0.0	0.15	1.0			
304	262	264	0.0	0.133	1.0	32.8	68.6	−99.6	120.9	304	0.0	0.668	1.0	63.4	−7.0	−50.4	51.0	262	0.0	0.133	1.0	0.0	0.655	1.0	62.4	−5.0	−51.8	52.1	264	0.0	0.133	1.0			
304	263	265	0.0	0.116	1.0	32.3	70.0	−100.3	122.3	304	0.0	0.663	1.0	63.0	−6.2	−51.0	51.5	263	0.0	0.117	1.0	0.0	0.65	1.0	62.1	−4.2	−52.3	52.5	265	0.0	0.117	1.0			
305	264	266	0.0	0.1	1.0	32.0	70.8	−100.8	123.2	305	0.0	0.657	1.0	62.6	−5.3	−51.5	51.9	264	0.0	0.1	1.0	0.0	0.645	1.0	61.7	−3.4	−52.8	53.0	266	0.0	0.1	1.0			
305	265	267	0.0	0.083	1.0	31.7	71.7	−101.2	124.1	305	0.0	0.652	1.0	62.2	−4.5	−52.1	52.4	265	0.0	0.083	1.0	0.0	0.64	1.0	61.4	−2.5	−53.2	53.4	267	0.0	0.083	1.0			
305	266	268	0.0	0.066	1.0	31.5	72.5	−101.7	124.9	305	0.0	0.646	1.0	61.8	−3.6	−52.6	52.8	266	0.0	0.067	1.0	0.0	0.635	1.0	61.0	−1.7	−53.7	53.8	268	0.0	0.067	1.0			
305	267	269	0.0	0.049	1.0	31.2	73.4	−102.2	125.8	305	0.0	0.641	1.0	61.4	−2.7	−53.1	53.3	267	0.0	0.05	1.0	0.0	0.63	1.0	60.6	−0.8	−54.1	54.2	269	0.0	0.05	1.0			
305	268	269	0.0	0.033	1.0	30.9	74.3	−102.6	126.7	305	0.0	0.635	1.0	61.0	−1.8	−53.6	53.8	268	0.0	0.033	1.0	0.0	0.624	1.0	60.3	0.0	−54.6	54.7	269	0.0	0.033	1.0			
306	269	270	0.0	0.016	1.0	30.6	75.1	−103.1	127.6	306	0.0	0.63	1.0	60.6	−0.8	−54.1	54.2	269	0.0	0.017	1.0	0.0	0.617	1.0	59.8	0.8	−55.6	55.7	270	0.0	0.017	1.0			
306	270	271	0.0	0.0	1.0	30.3	76.0	−103.5	128.5	306	B_d	0.0	0.624	1.0	60.2	0.0	−54.7	54.8	270	B_s	0.0	0.0	1.0	0.0	0.609	1.0	59.3	1.7	−56.5	56.6	271	B_e	0.0	0.0	1.0			
306	271	272	0.016	0.0	1.0	30.4	76.0	−103.4	128.4	306	0.0	0.615	1.0	59.7	1.0	−55.7	55.9	271	0.017	0.0	1.0	0.0	0.602	1.0	58.7	2.7	−57.5	57.6	272	0.017	0.0	1.0			
306	272	273	0.033	0.0	1.0	30.5	76.1	−103.3	128.3	306	0.0	0.607	1.0	59.1	2.0	−56.8	56.9	272	0.033	0.0	1.0	0.0	0.594	1.0	58.2	3.7	−58.4	58.6	273	0.033	0.0	1.0			
306	273	274	0.05	0.0	1.0	30.6	76.1	−103.1	128.2	306	0.0	0.599	1.0	58.5	3.0	−57.8	58.0	273	0.05	0.0	1.0	0.0	0.586	1.0	57.7	4.8	−59.4	59.7	274	0.05	0.0	1.0			
306	274	275	0.066	0.0	1.0	30.7	76.1	−103.0	128.1	306	0.0	0.591	1.0	58.0	4.1	−58.8	59.0	274	0.067	0.0	1.0	0.0	0.578	1.0	57.1	5.8	−60.3	60.7	275	0.067	0.0	1.0			
306	275	276	0.083	0.0	1.0	30.8	76.2	−102.8	128.0	306	0.0	0.583	1.0	57.4	5.2	−59.8	60.1	275	0.083	0.0	1.0	0.0	0.57	1.0	56.6	7.0	−61.2	61.7	276	0.083	0.0	1.0			
306	276	277	0.1	0.0	1.0	30.9	76.2	−102.7	127.9	306	0.0	0.574	1.0	56.9	6.4	−60.7	61.2	276	0.1	0.0	1.0	0.0	0.563	1.0	56.1	8.1	−62.0	62.7	277	0.1	0.0	1.0			
306	277	278	0.116	0.0	1.0	30.9	76.2	−102.5	127.8	306	0.0	0.566	1.0	56.3	7.6	−61.7	62.2	277	0.117	0.0	1.0	0.0	0.555	1.0	55.5	9.3	−62.9	63.7	278	0.117	0.0	1.0			
306	278	279	0.133	0.0	1.0	31.1	76.3	−102.3	127.6	306	0.0	0.558	1.0	55.7	8.8	−62.6	63.3	278	0.133	0.0	1.0	0.0	0.547	1.0	55.0	10.5	−63.7	64.7	279	0.133	0.0	1.0			
306	279	280	0.15	0.0	1.0	31.3	76.3	−101.9	127.4	306	0.0	0.55	1.0	55.2	10.1	−63.5	64.3	279	0.15	0.0	1.0	0.0	0.539	1.0	54.5	11.7	−64.5	65.7	280	0.15	0.0	1.0			
306	280	281	0.166	0.0	1.0	31.5	76.4	−101.6	127.1	306	0.0	0.541	1.0	54.6	11.4	−64.3	65.4	280	0.167	0.0	1.0	0.0	0.531	1.0	53.9	13.0	−65.3	66.7	281	0.167	0.0	1.0			
307	281	282	0.183	0.0	1.0	31.7	76.5	−101.2	126.9	307	0.0	0.533	1.0	54.1	12.7	−65.1	66.5	281	0.183	0.0	1.0	0.0	0.524	1.0	53.4	14.3	−66.1	67.7	282	0.183	0.0	1.0			
307	282	283	0.2	0.0	1.0	31.9	76.6	−100.9	126.7	307	0.0	0.525	1.0	53.5	14.0	−66.0	67.5	282	0.2	0.0	1.0	0.0	0.516	1.0	52.9	15.6	−66.8	68.7	283	0.2	0.0	1.0			
307	283	284	0.216	0.0	1.0	32.1	76.6	−100.5	126.4	307	0.0	0.517	1.0	52.9	15.4	−66.7	68.6	283	0.217	0.0	1.0	0.0	0.508	1.0	52.3	16.9	−67.5	69.7	284	0.217	0.0	1.0			
307	284	285	0.233	0.0	1.0	32.3	76.7	−100.1	126.2	307	0.0	0.508	1.0	52.4	16.9	−67.5	69.7	284	0.233	0.0	1.0	0.0	0.5	1.0	51.8	18.3	−68.2	70.7	285	0.233	0.0	1.0			
307	285	285	0.25	0.0	1.0	32.6	76.8	−99.8	125.9	307	0.0	0.5	1.0	51.8	18.3	−68.2	70.7	285	0.25	0.0	1.0	0.0	0.488	1.0	51.0	19.9	−69.6	72.5	285	0.25	0.0	1.0			
307	286	286	0.266	0.0	1.0	32.9	77.0	−99.2	125.6	307	0.0	0.488	1.0	51.0	20.0	−69.7	72.6	286	0.267	0.0	1.0	0.0	0.476	1.0	50.3	21.6	−71.0	74.3	286	0.267	0.0	1.0			
308	287	287	0.283	0.0	1.0	33.2	77.1	−98.6	125.2	308	0.0	0.475	1.0	50.2	21.8	−71.2	74.5	287	0.283	0.0	1.0	0.0	0.464	1.0	49.5	23.3	−72.4	76.1	287	0.283	0.0	1.0			
308	288	288	0.3	0.0	1.0	33.6	77.3	−98.1	124.9	308	0.0	0.462	1.0	49.4	23.6	−72.6	76.4	288	0.3	0.0	1.0	0.0	0.452	1.0	48.8	25.1	−73.7	77.9	288	0.3	0.0	1.0			
308	289	289	0.316	0.0	1.0	33.9	77.4	−97.5	124.5	308	0.0	0.45	1.0	48.6	25.5	−74.0	78.3	289	0.317	0.0	1.0	0.0	0.44	1.0	48.0	26.9	−75.0	79.8	289	0.317	0.0	1.0			
308	290	290	0.333	0.0	1.0	34.3	77.6	−96.9	124.1	308	0.0	0.437	1.0	47.8	27.4	−75.3	80.2	290	0.333	0.0	1.0	0.0	0.428	1.0	47.2	28.8	−76.2	81.6	290	0.333	0.0	1.0			
308	291	291	0.35	0.0	1.0	34.6	77.7	−96.3	123.8	308	0.0	0.424	1.0	47.0	29.4	−76.6	82.1	291	0.35	0.0	1.0	0.0	0.416	1.0	46.5	30.7	−77.4	83.4	291	0.35	0.0	1.0			
309	292	292	0.366	0.0	1.0	34.9	77.9	−95.7	123.4	309	0.0	0.412	1.0	46.2	31.5	−77.8	84.1	292	0.367	0.0	1.0	0.0	0.404	1.0	45.7	32.7	−78.5	85.2	292	0.367	0.0	1.0			
309	293	293	0.383	0.0	1.0	35.3	78.1	−95.1	123.0	309	0.0	0.399	1.0	45.4	33.6	−79.0	86.0	293	0.383	0.0	1.0	0.0	0.392	1.0	44.9	34.7	−79.7	87.0	293	0.383	0.0	1.0			
309	294	294	0.4	0.0	1.0	35.8	78.3	−94.3	122.6	309	0.0	0.386	1.0	44.6	35.7	−80.2	87.9	294	0.4	0.0	1.0	0.0	0.38	1.0	44.2	36.8	−80.7	88.8	294	0.4	0.0	1.0			
310	295	295	0.416	0.0	1.0	36.3	78.6	−93.5	122.2	310	0.0	0.373	1.0	43.7	38.0	−81.4	89.9	295	0.417	0.0	1.0	0.0	0.364	1.0	43.3	39.2	−82.2	91.2	295	0.417	0.0	1.0			
310	296	296	0.433	0.0	1.0	36.7	78.9	−92.7	121.8	310	0.0	0.353	1.0	42.7	40.7	−83.3	92.8	296	0.433	0.0	1.0	0.0	0.345	1.0	42.3	41.7	−84.0	93.9	296	0.433	0.0	1.0			
310	297	297	0.45	0.0	1.0	37.2	79.1	−92.0	121.3	310	0.0	0.333	1.0	41.6	43.5	−85.2	95.7	297	0.45	0.0	1.0	0.0	0.327	1.0	41.3	44.4	−85.8	96.7	297	0.45	0.0	1.0			
311	298	298	0.466	0.0	1.0	37.6	79.3	−91.2	120.9	311	0.0	0.313	1.0	40.5	46.3	−87.0	98.6	298	0.467	0.0	1.0	0.0	0.308	1.0	40.3	47.1	−87.5	99.4	298	0.467	0.0	1.0			
311	299	299	0.483	0.0	1.0	38.1	79.6	−90.4	120.5	311	0.0	0.293	1.0	39.5	49.2	−88.7	101.5	299	0.483	0.0	1.0	0.0	0.289	1.0	39.2	49.9	−89.1	102.2	299	0.483	0.0	1.0			
311	300	300	0.5	0.0	1.0	38.5	79.8	−89.7	120.0	311	0.0	0.274	1.0	38.4	52.2	−90.4	104.5	300	0.5	0.0	1.0	0.0	0.27	1.0	38.2	52.8	−90.6	105.0	300	0.5	0.0	1.0			



TUB-prøveplansje RN89; 16-trinns fargetonesirkel, *cf*=1
48-trinns fargetonesirkel; *rgb*−*LabCh**tabeller

input: *rgb/cmyk* −> *rgb*$_{de}$
output: 3D-linearisering til *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 *RYGCBM*$_s$: $h_{ab,ds}$ = 30.0, 90.0, 150.0, 210.0, 270.0, 330.0; seks fargetonevinkler til apparatfargene *RYGCBM*$_d$: $h_{ab,d}$ = 40.0, 102.9, 136.0, 196.4, 306.3, 328.2; seks fargetonevinkler til elementærfargene *RYGCBM*$_e$: $h_{ab,e}$ = 25.5, 92.3, 162.2, 217.0, 271.7, 328.6

$h_{ab,d}$	$h_{ab,s}$	$h_{ab,e}$	*rgb**dd361M			*LAB**ddx361Mi (x=LabCh)					*rgb**ds361Mi			*LAB**dsx361Mi (x=LabCh)					*rgb**dd361Mi			*rgb**de361Mi			*LAB**dex361Mi (x=LabCh)					*rgb**dd361Mi		
311	300	300	0.5	0.0	1.0	38.5	79.8	−89.7	120.0	311	0.0	0.274	1.0	38.4	52.2	−90.4	104.5	300	0.5	0.0	1.0	0.0	0.27	1.0	38.2	52.8	−90.6	105.0	300	0.5	0.0	1.0
312	301	301	0.516	0.0	1.0	39.1	80.2	−88.7	119.6	312	0.0	0.254	1.0	37.4	55.3	−91.9	107.4	301	0.517	0.0	1.0	0.0	0.251	1.0	37.2	55.7	−92.1	107.7	301	0.517	0.0	1.0
312	302	302	0.533	0.0	1.0	39.6	80.6	−87.8	119.2	312	0.0	0.222	1.0	36.1	58.8	−94.1	111.0	302	0.533	0.0	1.0	0.0	0.22	1.0	36.0	59.1	−94.2	111.3	302	0.533	0.0	1.0
312	303	303	0.55	0.0	1.0	40.2	80.9	−86.9	118.8	312	0.0	0.188	1.0	34.8	62.6	−96.3	114.9	303	0.55	0.0	1.0	0.0	0.187	1.0	34.8	62.6	−96.3	115.0	303	0.55	0.0	1.0
313	304	303	0.566	0.0	1.0	40.7	81.3	−86.0	118.3	313	0.0	0.153	1.0	33.5	66.4	−98.4	118.8	304	0.567	0.0	1.0	0.0	0.154	1.0	33.6	66.3	−98.3	118.6	303	0.567	0.0	1.0
313	305	304	0.583	0.0	1.0	41.3	81.6	−85.1	117.9	313	0.0	0.109	1.0	32.2	70.4	−100.4	122.7	305	0.583	0.0	1.0	0.0	0.117	1.0	32.4	70.0	−100.2	122.3	304	0.583	0.0	1.0
314	306	305	0.6	0.0	1.0	41.8	82.0	−84.1	117.5	314	0.0	0.024	1.0	30.8	74.8	−102.8	127.2	306	0.6	0.0	1.0	0.0	0.036	1.0	31.0	74.2	−102.5	126.6	305	0.6	0.0	1.0
314	307	306	0.616	0.0	1.0	42.4	82.3	−83.2	117.0	314	0.172	0.0	1.0	31.6	76.5	−101.4	127.1	307	0.617	0.0	1.0	0.146	0.0	1.0	31.3	76.4	−102.0	127.5	306	0.617	0.0	1.0
315	308	307	0.633	0.0	1.0	43.0	82.7	−82.2	116.6	315	0.282	0.0	1.0	33.2	77.2	−98.6	125.3	308	0.633	0.0	1.0	0.263	0.0	1.0	32.9	77.0	−99.3	125.7	307	0.633	0.0	1.0
315	309	308	0.65	0.0	1.0	43.6	83.2	−81.2	116.3	315	0.357	0.0	1.0	34.8	77.8	−96.0	123.7	309	0.65	0.0	1.0	0.335	0.0	1.0	34.3	77.6	−96.8	124.2	308	0.65	0.0	1.0
316	310	309	0.666	0.0	1.0	44.2	83.7	−80.2	115.9	316	0.414	0.0	1.0	36.2	78.6	−93.6	122.3	310	0.667	0.0	1.0	0.396	0.0	1.0	35.8	78.3	−94.4	122.8	309	0.667	0.0	1.0
316	311	310	0.683	0.0	1.0	44.8	84.1	−79.2	115.5	316	0.465	0.0	1.0	37.6	79.4	−91.2	121.0	311	0.683	0.0	1.0	0.445	0.0	1.0	37.1	79.1	−92.2	121.5	310	0.683	0.0	1.0
317	312	311	0.7	0.0	1.0	45.4	84.6	−78.1	115.2	317	0.513	0.0	1.0	39.0	80.1	−88.9	119.8	312	0.7	0.0	1.0	0.493	0.0	1.0	38.4	79.8	−89.9	120.3	311	0.7	0.0	1.0
317	313	312	0.716	0.0	1.0	46.0	85.0	−77.1	114.8	317	0.551	0.0	1.0	40.3	81.0	−86.8	118.8	313	0.717	0.0	1.0	0.532	0.0	1.0	39.6	80.6	−87.9	119.3	312	0.717	0.0	1.0
318	314	313	0.733	0.0	1.0	46.6	85.4	−76.1	114.4	318	0.59	0.0	1.0	41.6	81.8	−84.6	117.8	314	0.733	0.0	1.0	0.569	0.0	1.0	40.8	81.4	−85.8	118.3	313	0.733	0.0	1.0
318	315	314	0.75	0.0	1.0	47.2	85.8	−75.1	114.0	318	0.628	0.0	1.0	42.8	82.6	−82.5	116.8	315	0.75	0.0	1.0	0.605	0.0	1.0	42.1	82.1	−83.8	117.4	314	0.75	0.0	1.0
319	316	315	0.766	0.0	1.0	47.9	86.4	−74.0	113.8	319	0.66	0.0	1.0	44.0	83.5	−80.6	116.1	316	0.767	0.0	1.0	0.639	0.0	1.0	43.2	82.9	−81.8	116.6	315	0.767	0.0	1.0
320	317	316	0.783	0.0	1.0	48.5	87.0	−72.9	113.5	320	0.692	0.0	1.0	45.2	84.4	−78.6	115.4	317	0.783	0.0	1.0	0.669	0.0	1.0	44.3	83.8	−80.0	115.9	316	0.783	0.0	1.0
320	318	317	0.8	0.0	1.0	49.2	87.5	−71.8	113.2	320	0.724	0.0	1.0	46.3	85.2	−76.6	114.7	318	0.8	0.0	1.0	0.699	0.0	1.0	45.4	84.6	−78.1	115.2	317	0.8	0.0	1.0
321	319	318	0.816	0.0	1.0	49.8	88.1	−70.7	113.0	321	0.755	0.0	1.0	47.5	86.0	−74.7	114.0	319	0.817	0.0	1.0	0.729	0.0	1.0	46.5	85.4	−76.3	114.5	318	0.817	0.0	1.0
321	320	319	0.833	0.0	1.0	50.5	88.6	−69.6	112.7	321	0.783	0.0	1.0	48.6	87.0	−72.9	113.6	320	0.833	0.0	1.0	0.758	0.0	1.0	47.6	86.2	−74.5	114.0	319	0.833	0.0	1.0
322	321	320	0.85	0.0	1.0	51.2	89.1	−68.5	112.4	322	0.81	0.0	1.0	49.7	87.9	−71.1	113.1	321	0.85	0.0	1.0	0.785	0.0	1.0	48.6	87.1	−72.8	113.5	320	0.85	0.0	1.0
323	322	321	0.866	0.0	1.0	51.8	89.6	−67.4	112.1	323	0.838	0.0	1.0	50.7	88.8	−69.3	112.7	322	0.867	0.0	1.0	0.811	0.0	1.0	49.7	87.9	−71.0	113.1	321	0.867	0.0	1.0
323	323	321	0.883	0.0	1.0	52.5	90.1	−66.3	111.9	323	0.866	0.0	1.0	51.8	89.6	−67.4	112.2	323	0.883	0.0	1.0	0.837	0.0	1.0	50.7	88.8	−69.3	112.7	321	0.883	0.0	1.0
324	324	322	0.9	0.0	1.0	53.2	90.8	−65.2	111.8	324	0.892	0.0	1.0	52.9	90.5	−65.7	111.9	324	0.9	0.0	1.0	0.864	0.0	1.0	51.7	89.5	−67.6	112.2	322	0.9	0.0	1.0
324	325	323	0.916	0.0	1.0	53.8	91.4	−64.1	111.6	324	0.918	0.0	1.0	53.9	91.5	−64.0	111.7	325	0.917	0.0	1.0	0.889	0.0	1.0	52.8	90.4	−65.9	111.9	323	0.917	0.0	1.0
325	326	324	0.933	0.0	1.0	54.5	92.0	−62.9	111.5	325	0.943	0.0	1.0	55.0	92.4	−62.2	111.5	326	0.933	0.0	1.0	0.913	0.0	1.0	53.7	91.3	−64.3	111.7	324	0.933	0.0	1.0
326	327	325	0.95	0.0	1.0	55.2	92.6	−61.8	111.4	326	0.969	0.0	1.0	56.0	93.3	−60.5	111.3	327	0.95	0.0	1.0	0.937	0.0	1.0	54.7	92.2	−62.6	111.5	325	0.95	0.0	1.0
326	328	326	0.966	0.0	1.0	55.9	93.2	−60.7	111.2	326	0.994	0.0	1.0	57.1	94.2	−58.7	111.0	328	0.967	0.0	1.0	0.961	0.0	1.0	55.7	93.1	−61.0	111.3	326	0.967	0.0	1.0
327	329	327	0.983	0.0	1.0	56.6	93.8	−59.5	111.1	327	1.0	0.0	0.984	57.1	93.9	−56.4	109.6	329	0.983	0.0	1.0	0.985	0.0	1.0	56.7	93.9	−59.3	111.1	327	0.983	0.0	1.0
328	330	328	1.0	0.0	1.0	57.2	94.3	−58.4	110.9	328	***M*$_d$**	1.0	0.0	0.962	56.8	93.4	−53.8	107.8	330	***M*$_s$**	1.0	0.0	1.0	1.0	0.0	0.992	57.2	94.2	−57.4	110.3	328	***M*$_e$**	1.0	0.0	1.0
329	331	329	1.0	0.0	0.983	57.0	93.9	−56.4	109.5	329	1.0	0.0	0.941	56.5	92.7	−51.3	106.0	331	1.0	0.0	0.983	1.0	0.0	0.972	56.9	93.6	−54.9	108.6	329	1.0	0.0	0.983
329	332	330	1.0	0.0	0.966	56.8	93.4	−54.4	108.1	329	1.0	0.0	0.919	56.2	92.0	−48.8	104.2	332	1.0	0.0	0.967	1.0	0.0	0.951	56.7	93.0	−52.5	106.9	330	1.0	0.0	0.967
330	333	331	1.0	0.0	0.95	56.6	92.9	−52.4	106.7	330	1.0	0.0	0.898	55.9	91.2	−46.4	102.4	333	1.0	0.0	0.95	1.0	0.0	0.931	56.4	92.4	−50.2	105.2	331	1.0	0.0	0.95
331	334	332	1.0	0.0	0.933	56.4	92.4	−50.5	105.3	331	1.0	0.0	0.876	55.7	90.4	−44.0	100.5	334	1.0	0.0	0.933	1.0	0.0	0.911	56.1	91.7	−47.8	103.4	332	1.0	0.0	0.933
332	335	333	1.0	0.0	0.916	56.1	91.8	−48.6	103.9	332	1.0	0.0	0.86	55.5	90.0	−41.9	99.3	335	1.0	0.0	0.917	1.0	0.0	0.89	55.8	90.9	−45.5	101.7	333	1.0	0.0	0.917
332	336	334	1.0	0.0	0.9	55.9	91.2	−46.7	102.5	332	1.0	0.0	0.843	55.3	89.6	−39.8	98.1	336	1.0	0.0	0.9	1.0	0.0	0.871	55.6	90.2	−43.3	100.2	334	1.0	0.0	0.9
333	337	335	1.0	0.0	0.883	55.7	90.6	−44.8	101.1	333	1.0	0.0	0.827	55.1	89.2	−37.8	96.9	337	1.0	0.0	0.883	1.0	0.0	0.856	55.4	89.9	−41.4	99.0	335	1.0	0.0	0.883
334	338	336	1.0	0.0	0.866	55.5	90.1	−42.8	99.8	334	1.0	0.0	0.811	54.9	88.8	−35.8	95.8	338	1.0	0.0	0.867	1.0	0.0	0.84	55.2	89.6	−39.4	97.9	336	1.0	0.0	0.867
335	339	337	1.0	0.0	0.85	55.3	89.8	−40.7	98.6	335	1.0	0.0	0.794	54.7	88.3	−33.8	94.6	339	1.0	0.0	0.85	1.0	0.0	0.825	55.1	89.2	−37.5	96.8	337	1.0	0.0	0.85
336	340	338	1.0	0.0	0.833	55.1	89.4	−38.6	97.4	336	1.0	0.0	0.778	54.5	87.7	−31.8	93.4	340	1.0	0.0	0.833	1.0	0.0	0.809	54.9	88.7	−35.6	95.7	338	1.0	0.0	0.833
337	341	339	1.0	0.0	0.816	54.9	88.9	−36.6	96.2	337	1.0	0.0	0.761	54.3	87.2	−29.9	92.2	341	1.0	0.0	0.817	1.0	0.0	0.794	54.7	88.3	−33.7	94.5	339	1.0	0.0	0.817
338	342	339	1.0	0.0	0.8	54.7	88.4	−34.5	94.9	338	1.0	0.0	0.746	54.2	86.7	−28.1	91.1	342	1.0	0.0	0.8	1.0	0.0	0.778	54.5	87.8	−31.9	93.4	339	1.0	0.0	0.8
339	343	340	1.0	0.0	0.783	54.5	87.9	−32.5	93.7	339	1.0	0.0	0.733	54.1	86.5	−26.3	90.5	343	1.0	0.0	0.783	1.0	0.0	0.763	54.4	87.2	−30.0	92.3	340	1.0	0.0	0.783
340	344	341	1.0	0.0	0.766	54.4	87.3	−30.6	92.5	340	1.0	0.0	0.72	53.9	86.3	−24.6	89.8	344	1.0	0.0	0.767	1.0	0.0	0.748	54.2	86.7	−28.3	91.2	341	1.0	0.0	0.767
341	345	342	1.0	0.0	0.75	54.2	86.7	−28.6	91.3	341	1.0	0.0	0.707	53.8	86.0	−23.0	89.1	345	1.0	0.0	0.75	1.0	0.0	0.735	54.1	86.5	−26.6	90.6	342	1.0	0.0	0.75

*rgb**dd *rgb**ds *rgb**de

TUB-prøveplansje RN89; 16-trinns fargetonesirkel, *cf*=1
48-trinns fargetonesirkel; *rgb*−*LabCh**tabeller

input: *rgb/cmyk* −> *rgb*$_{de}$
output: 3D-linearisering til *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 *RYGCBM*$_s$: $h_{ab,ds}$ = 30.0, 90.0, 150.0, 210.0, 270.0, 330.0; seks fargetonevinkler til apparatfargene *RYGCBM*$_d$: $h_{ab,d}$ = 40.0, 102.9, 136.0, 196.4, 306.3, 328.2; seks fargetonevinkler til elementærfargene *RYGCBM*$_e$: $h_{ab,e}$ = 25.5, 92.3, 162.2, 217.0, 271.7, 328.6

$h_{ab,d}$	$h_{ab,s}$	$h_{ab,e}$	*rgb**dd361M	*LAB**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
341	345	342	1.0 0.0 0.75	54.2 86.7 −28.6 91.3 341	1.0 0.0 0.707	53.8 86.0 −23.0 89.1 345	1.0 0.0 0.75	1.0 0.0 0.735	54.1 86.5 −26.6 90.6 342	1.0 0.0 0.75			
342	346	343	1.0 0.0 0.733	54.0 86.5 −26.4 90.4 342	1.0 0.0 0.695	53.7 85.7 −21.3 88.4 346	1.0 0.0 0.733	1.0 0.0 0.723	54.0 86.3 −25.0 89.9 343	1.0 0.0 0.733			
344	347	344	1.0 0.0 0.716	53.8 86.2 −24.2 89.5 344	1.0 0.0 0.682	53.6 85.4 −19.6 87.7 347	1.0 0.0 0.717	1.0 0.0 0.711	53.8 86.1 −23.4 89.3 344	1.0 0.0 0.717			
345	348	345	1.0 0.0 0.7	53.7 85.8 −22.0 88.6 345	1.0 0.0 0.669	53.4 85.1 −18.0 87.0 348	1.0 0.0 0.7	1.0 0.0 0.699	53.7 85.8 −21.8 88.6 345	1.0 0.0 0.7			
346	349	346	1.0 0.0 0.683	53.5 85.4 −19.9 87.7 346	1.0 0.0 0.656	53.3 84.7 −16.4 86.3 349	1.0 0.0 0.683	1.0 0.0 0.687	53.6 85.6 −20.3 87.9 346	1.0 0.0 0.683			
348	350	347	1.0 0.0 0.666	53.4 85.0 −17.8 86.8 348	1.0 0.0 0.643	53.2 84.3 −14.8 85.6 350	1.0 0.0 0.667	1.0 0.0 0.674	53.5 85.2 −18.7 87.3 347	1.0 0.0 0.667			
349	351	348	1.0 0.0 0.65	53.2 84.5 −15.7 85.9 349	1.0 0.0 0.63	53.1 83.9 −13.2 84.9 351	1.0 0.0 0.65	1.0 0.0 0.662	53.4 84.9 −17.2 86.6 348	1.0 0.0 0.65			
350	352	349	1.0 0.0 0.633	53.0 83.9 −13.6 85.0 350	1.0 0.0 0.619	53.0 83.6 −11.7 84.4 352	1.0 0.0 0.633	1.0 0.0 0.65	53.3 84.5 −15.6 86.0 349	1.0 0.0 0.633			
352	353	350	1.0 0.0 0.616	52.9 83.6 −11.4 84.3 352	1.0 0.0 0.608	52.9 83.5 −10.2 84.2 353	1.0 0.0 0.617	1.0 0.0 0.638	53.1 84.1 −14.1 85.3 350	1.0 0.0 0.617			
353	354	351	1.0 0.0 0.6	52.8 83.4 −9.1 83.9 353	1.0 0.0 0.597	52.8 83.4 −8.7 83.9 354	1.0 0.0 0.6	1.0 0.0 0.626	53.0 83.7 −12.6 84.7 351	1.0 0.0 0.6			
355	355	352	1.0 0.0 0.583	52.7 83.2 −6.9 83.5 355	1.0 0.0 0.586	52.7 83.3 −7.2 83.6 355	1.0 0.0 0.583	1.0 0.0 0.615	52.9 83.6 −11.2 84.4 352	1.0 0.0 0.583			
356	356	353	1.0 0.0 0.566	52.5 82.9 −4.6 83.0 356	1.0 0.0 0.575	52.6 83.1 −5.7 83.3 356	1.0 0.0 0.567	1.0 0.0 0.605	52.9 83.5 −9.8 84.1 353	1.0 0.0 0.567			
358	357	354	1.0 0.0 0.55	52.4 82.5 −2.4 82.6 358	1.0 0.0 0.564	52.6 82.9 −4.2 83.0 357	1.0 0.0 0.55	1.0 0.0 0.595	52.8 83.4 −8.4 83.8 354	1.0 0.0 0.55			
359	358	355	1.0 0.0 0.533	52.3 82.1 −0.1 82.1 359	1.0 0.0 0.554	52.5 82.7 −2.8 82.7 358	1.0 0.0 0.533	1.0 0.0 0.584	52.7 83.2 −7.0 83.5 355	1.0 0.0 0.533			
361	359	356	1.0 0.0 0.516	52.1 81.6 2.0 81.7 361	1.0 0.0 0.543	52.4 82.4 −1.3 82.4 359	1.0 0.0 0.517	1.0 0.0 0.574	52.6 83.1 −5.6 83.3 356	1.0 0.0 0.517			
362	360	352	1.0 0.0 0.5	52.0 81.1 4.1 81.2 362	1.0 0.0 0.532	52.3 82.1 0.0 82.1 360	1.0 0.0 0.5	1.0 0.0 0.618	53.0 83.6 −11.6 84.4 352	1.0 0.0 0.5			
364	361	353	1.0 0.0 0.483	51.9 81.1 6.5 81.3 364	1.0 0.0 0.521	52.2 81.8 1.4 81.8 361	1.0 0.0 0.483	1.0 0.0 0.606	52.9 83.5 −9.9 84.1 353	1.0 0.0 0.483			
366	362	354	1.0 0.0 0.466	51.8 81.0 8.8 81.5 366	1.0 0.0 0.51	52.1 81.5 2.8 81.6 362	1.0 0.0 0.467	1.0 0.0 0.594	52.8 83.4 −8.2 83.8 354	1.0 0.0 0.467			
367	363	355	1.0 0.0 0.45	51.7 80.8 11.1 81.6 367	1.0 0.0 0.499	52.1 81.2 4.3 81.3 363	1.0 0.0 0.45	1.0 0.0 0.582	52.7 83.2 −6.6 83.5 355	1.0 0.0 0.45			
369	364	356	1.0 0.0 0.433	51.6 80.6 13.5 81.7 369	1.0 0.0 0.489	52.0 81.2 5.7 81.4 364	1.0 0.0 0.433	1.0 0.0 0.57	52.6 83.0 −5.0 83.1 356	1.0 0.0 0.433			
371	365	357	1.0 0.0 0.416	51.5 80.3 15.8 81.8 371	1.0 0.0 0.479	51.9 81.1 7.1 81.4 365	1.0 0.0 0.417	1.0 0.0 0.558	52.5 82.7 −3.3 82.8 357	1.0 0.0 0.417			
372	366	358	1.0 0.0 0.4	51.4 79.9 18.1 81.9 372	1.0 0.0 0.469	51.9 81.1 8.5 81.5 366	1.0 0.0 0.4	1.0 0.0 0.546	52.4 82.5 −1.7 82.5 358	1.0 0.0 0.4			
374	367	359	1.0 0.0 0.383	51.4 79.5 20.4 82.1 374	1.0 0.0 0.459	51.8 81.0 9.9 81.6 367	1.0 0.0 0.383	1.0 0.0 0.533	52.3 82.2 −0.1 82.2 359	1.0 0.0 0.383			
376	368	360	1.0 0.0 0.366	51.3 79.3 22.7 82.5 376	1.0 0.0 0.449	51.8 80.9 11.4 81.6 368	1.0 0.0 0.367	1.0 0.0 0.521	52.2 81.8 1.4 81.9 360	1.0 0.0 0.367			
377	369	362	1.0 0.0 0.35	51.2 79.3 25.1 83.2 377	1.0 0.0 0.439	51.7 80.7 12.8 81.7 369	1.0 0.0 0.35	1.0 0.0 0.509	52.1 81.5 3.0 81.5 362	1.0 0.0 0.35			
379	370	363	1.0 0.0 0.333	51.1 79.2 27.4 83.8 379	1.0 0.0 0.429	51.7 80.6 14.2 81.8 370	1.0 0.0 0.333	1.0 0.0 0.497	52.1 81.2 4.5 81.3 363	1.0 0.0 0.333			
380	371	364	1.0 0.0 0.316	51.1 79.1 29.7 84.5 380	1.0 0.0 0.418	51.6 80.4 15.6 81.9 371	1.0 0.0 0.317	1.0 0.0 0.486	52.0 81.1 6.1 81.4 364	1.0 0.0 0.317			
382	372	365	1.0 0.0 0.3	51.0 78.9 32.1 85.2 382	1.0 0.0 0.408	51.5 80.1 17.0 81.9 372	1.0 0.0 0.3	1.0 0.0 0.475	51.9 81.1 7.7 81.5 365	1.0 0.0 0.3			
383	373	366	1.0 0.0 0.283	51.0 78.7 34.4 85.9 383	1.0 0.0 0.398	51.5 79.9 18.4 82.0 373	1.0 0.0 0.283	1.0 0.0 0.464	51.9 81.0 9.3 81.5 366	1.0 0.0 0.283			
385	374	367	1.0 0.0 0.266	50.9 78.3 36.8 86.6 385	1.0 0.0 0.388	51.4 79.6 19.9 82.1 374	1.0 0.0 0.267	1.0 0.0 0.452	51.8 80.9 10.9 81.6 367	1.0 0.0 0.267			
386	375	368	1.0 0.0 0.25	50.8 77.9 39.2 87.2 386	1.0 0.0 0.378	51.4 79.4 21.3 82.2 375	1.0 0.0 0.25	1.0 0.0 0.441	51.7 80.7 12.5 81.7 368	1.0 0.0 0.25			
387	376	369	1.0 0.0 0.233	50.8 78.0 41.2 88.2 387	1.0 0.0 0.367	51.3 79.3 22.7 82.5 376	1.0 0.0 0.233	1.0 0.0 0.43	51.7 80.6 14.0 81.8 369	1.0 0.0 0.233			
389	377	370	1.0 0.0 0.216	50.8 78.0 43.3 89.2 389	1.0 0.0 0.356	51.3 79.3 24.3 82.9 377	1.0 0.0 0.217	1.0 0.0 0.418	51.6 80.4 15.6 81.9 370	1.0 0.0 0.217			
390	378	372	1.0 0.0 0.2	50.7 78.0 45.4 90.2 390	1.0 0.0 0.345	51.2 79.3 25.8 83.4 378	1.0 0.0 0.2	1.0 0.0 0.407	51.5 80.1 17.2 81.9 372	1.0 0.0 0.2			
391	379	373	1.0 0.0 0.183	50.7 77.9 47.5 91.2 391	1.0 0.0 0.334	51.2 79.3 27.3 83.8 379	1.0 0.0 0.183	1.0 0.0 0.396	51.5 79.9 18.8 82.0 373	1.0 0.0 0.183			
392	380	374	1.0 0.0 0.166	50.6 77.8 49.6 92.2 392	1.0 0.0 0.323	51.2 79.2 28.8 84.3 380	1.0 0.0 0.167	1.0 0.0 0.385	51.4 79.6 20.3 82.1 374	1.0 0.0 0.167			
393	381	375	1.0 0.0 0.15	50.6 77.6 51.7 93.3 393	1.0 0.0 0.312	51.1 79.1 30.4 84.7 381	1.0 0.0 0.15	1.0 0.0 0.373	51.3 79.3 21.9 82.3 375	1.0 0.0 0.15			
394	382	376	1.0 0.0 0.133	50.6 77.3 53.9 94.3 394	1.0 0.0 0.301	51.1 79.0 31.9 85.2 382	1.0 0.0 0.133	1.0 0.0 0.361	51.3 79.3 23.6 82.8 376	1.0 0.0 0.133			
395	383	377	1.0 0.0 0.116	50.5 77.2 55.6 95.1 395	1.0 0.0 0.291	51.0 78.8 33.5 85.6 383	1.0 0.0 0.117	1.0 0.0 0.349	51.3 79.3 25.3 83.3 377	1.0 0.0 0.117			
396	384	378	1.0 0.0 0.1	50.5 77.2 56.8 95.9 396	1.0 0.0 0.28	51.0 78.6 35.0 86.1 384	1.0 0.0 0.1	1.0 0.0 0.337	51.2 79.3 27.0 83.8 378	1.0 0.0 0.1			
396	385	379	1.0 0.0 0.083	50.5 77.2 58.1 96.6 396	1.0 0.0 0.269	50.9 78.4 36.6 86.5 385	1.0 0.0 0.083	1.0 0.0 0.324	51.2 79.2 28.7 84.2 379	1.0 0.0 0.083			
397	386	381	1.0 0.0 0.066	50.5 77.2 59.4 97.4 397	1.0 0.0 0.258	50.9 78.2 38.1 87.0 386	1.0 0.0 0.067	1.0 0.0 0.312	51.1 79.1 30.4 84.7 381	1.0 0.0 0.067			
398	387	382	1.0 0.0 0.049	50.5 77.1 60.6 98.1 398	1.0 0.0 0.246	50.9 78.0 39.7 87.5 387	1.0 0.0 0.05	1.0 0.0 0.3	51.1 79.0 32.1 85.2 382	1.0 0.0 0.05			
398	388	383	1.0 0.0 0.033	50.5 77.1 61.9 98.9 398	1.0 0.0 0.231	50.8 78.1 41.5 88.4 388	1.0 0.0 0.033	1.0 0.0 0.288	51.0 78.8 33.8 85.7 383	1.0 0.0 0.033			
399	389	384	1.0 0.0 0.016	50.5 77.0 63.2 99.6 399	1.0 0.0 0.217	50.8 78.1 43.3 89.3 389	1.0 0.0 0.017	1.0 0.0 0.276	51.0 78.6 35.6 86.2 384	1.0 0.0 0.017			
400	390	385	1.0 0.0 0.0	50.4 76.9 64.5 100.4 400 ***R*$_d$**	1.0 0.0 0.203	50.8 78.0 45.1 90.1 390 ***R*$_s$**	1.0 0.0 0.0	1.0 0.0 0.263	50.9 78.3 37.3 86.7 385 ***R*$_e$**	1.0 0.0 0.0			

n/j	HIC*$_{Fde}$	*rgb*$_{Fde}$			*ict*$_{Fde}$			h_{si_Fde}	*rgb**$_{Fde}$			*LabCh**$_{Fde}$				*rgb'**$_{Fde}$			*LabCh'**$_{Fde}$				*DE'*$_{Fde}$	$h_{siM,de}$	*rgb**$_{Mde}$			*LabCh**$_{Mde}$			
0/648	R00Y_100_100$_{de}$	1.0	0.0	0.0	1.0	1.0	0.5	390	1.0	0.0	0.263	50.9	78.3	37.3	86.7	25.4	1.0	0.0	0.264	50.9	78.1	37.1	86.5	25.4	0.2	375	1.0	0.0	0.263	50.9	78.3	37.3	86.7	25.4
1/657	R13Y_100_100$_{de}$	1.0	0.125	0.0	1.0	1.0	0.5	37	1.0	0.0	0.156	50.6	77.6	50.9	92.9	33.2	1.0	0.0	0.157	50.6	77.3	51.2	92.8	33.5	0.4	381	1.0	0.0	0.156	50.6	77.6	50.9	92.9	33.2
2/666	R25Y_100_100$_{de}$	1.0	0.25	0.0	1.0	1.0	0.5	44	1.0	0.102	0.0	51.3	74.4	64.8	98.7	41.0	0.999	0.102	0.0	51.2	74.7	64.8	98.9	40.9	0.2	35	1.0	0.102	0.0	51.3	74.4	64.8	98.7	41.0
3/675	R38Y_100_100$_{de}$	1.0	0.375	0.0	1.0	1.0	0.5	52	1.0	0.358	0.0	57.6	56.9	67.8	88.5	49.9	0.999	0.359	0.0	57.6	57.0	67.6	88.4	49.8	0.1	50	1.0	0.358	0.0	57.6	56.9	67.8	88.5	49.9
4/684	R50Y_100_100$_{de}$	1.0	0.5	0.0	1.0	1.0	0.5	60	1.0	0.487	0.0	63.1	42.7	70.8	82.7	58.8	0.999	0.489	0.0	63.1	42.6	70.7	82.5	58.9	0.1	59	1.0	0.487	0.0	63.1	42.7	70.8	82.7	58.8
5/693	R63Y_100_100$_{de}$	1.0	0.625	0.0	1.0	1.0	0.5	68	1.0	0.589	0.0	68.2	30.2	74.2	80.1	67.8	1.0	0.588	0.0	68.1	30.4	73.7	79.8	67.5	0.4	65	1.0	0.589	0.0	68.2	30.2	74.2	80.1	67.8
6/702	R75Y_100_100$_{de}$	1.0	0.75	0.0	1.0	1.0	0.5	76	1.0	0.684	0.0	73.5	18.3	77.7	79.8	76.7	1.0	0.682	0.0	73.3	18.4	77.1	79.3	76.5	0.5	72	1.0	0.684	0.0	73.5	18.3	77.7	79.8	76.7
7/711	R88Y_100_100$_{de}$	1.0	0.875	0.0	1.0	1.0	0.5	83	1.0	0.767	0.0	78.3	7.7	80.7	81.0	84.5	1.0	0.766	0.0	78.2	7.7	80.4	80.8	84.4	0.2	77	1.0	0.767	0.0	78.3	7.7	80.7	81.0	84.5
8/720	Y00G_100_100$_{de}$	1.0	1.0	0.0	1.0	1.0	0.5	90	1.0	0.856	0.0	83.7	−3.4	84.5	84.5	92.3	1.0	0.856	0.0	83.6	−3.4	84.2	84.3	92.3	0.2	82	1.0	0.856	0.0	83.7	−3.4	84.5	84.5	92.3
9/639	Y13G_100_100$_{de}$	0.875	1.0	0.0	1.0	1.0	0.5	97	1.0	0.966	0.0	90.5	−16.5	89.4	91.0	100.4	1.0	0.966	0.0	90.5	−16.7	89.1	90.7	100.6	0.3	88	1.0	0.966	0.0	90.5	−16.5	89.4	91.0	100.4
10/558	Y25G_100_100$_{de}$	0.75	1.0	0.0	1.0	1.0	0.5	104	0.906	1.0	0.0	91.0	−29.9	88.9	93.8	108.6	0.906	1.0	0.0	90.9	−30.0	88.7	93.6	108.6	0.2	94	0.906	1.0	0.0	91.0	−29.9	88.9	93.8	108.6
11/477	Y38G_100_100$_{de}$	0.625	1.0	0.0	1.0	1.0	0.5	112	0.743	1.0	0.0	88.4	−45.5	85.7	97.1	117.9	0.742	0.999	0.0	88.4	−45.6	85.7	97.0	118.0	0.1	104	0.743	1.0	0.0	88.4	−45.5	85.7	97.1	117.9
12/396	Y50G_100_100$_{de}$	0.5	1.0	0.0	1.0	1.0	0.5	120	0.528	1.0	0.0	85.9	−63.0	82.8	104.1	127.2	0.53	0.999	0.0	85.9	−63.0	82.7	104.0	127.3	0.1	118	0.528	1.0	0.0	85.9	−63.0	82.8	104.1	127.2
13/315	Y63G_100_100$_{de}$	0.375	1.0	0.0	1.0	1.0	0.5	128	0.0	1.0	0.072	83.6	−82.4	77.9	113.4	136.5	0.005	1.0	0.072	83.6	−82.3	78.4	113.7	136.4	0.4	153	0.0	1.0	0.072	83.6	−82.4	77.9	113.4	136.5
14/234	Y75G_100_100$_{de}$	0.25	1.0	0.0	1.0	1.0	0.5	136	0.0	1.0	0.436	84.1	−76.0	51.4	91.8	145.9	0.0	1.0	0.439	84.1	−75.8	51.4	91.6	145.8	0.1	175	0.0	1.0	0.436	84.1	−76.0	51.4	91.8	145.9
15/153	Y88G_100_100$_{de}$	0.125	1.0	0.0	1.0	1.0	0.5	143	0.0	1.0	0.593	84.6	−70.0	34.0	77.9	154.0	0.0	1.0	0.594	84.6	−69.9	34.2	77.8	153.9	0.2	186	0.0	1.0	0.593	84.6	−70.0	34.0	77.9	154.0
16/72	G00C_100_100$_{de}$	0.0	1.0	0.0	1.0	1.0	0.5	150	0.0	1.0	0.706	85.1	−64.6	20.7	67.9	162.2	0.0	1.0	0.707	85.1	−64.3	20.9	67.6	162.0	0.3	193	0.0	1.0	0.706	85.1	−64.6	20.7	67.9	162.2
17/73	G13C_100_100$_{de}$	0.0	1.0	0.125	1.0	1.0	0.5	157	0.0	1.0	0.778	85.5	−60.7	12.2	61.9	168.6	0.0	1.0	0.779	85.5	−60.3	12.3	61.5	168.4	0.3	197	0.0	1.0	0.778	85.5	−60.7	12.2	61.9	168.6
18/74	G25C_100_100$_{de}$	0.0	1.0	0.25	1.0	1.0	0.5	164	0.0	1.0	0.838	85.8	−57.1	4.9	57.3	175.0	0.0	1.0	0.841	85.8	−56.6	5.0	56.9	174.8	0.4	201	0.0	1.0	0.838	85.8	−57.1	4.9	57.3	175.0
19/75	G38C_100_100$_{de}$	0.0	1.0	0.375	1.0	1.0	0.5	172	0.0	1.0	0.899	86.2	−53.2	−2.1	53.3	182.3	0.0	1.0	0.901	86.2	−52.8	−2.0	52.8	182.2	0.4	204	0.0	1.0	0.899	86.2	−53.2	−2.1	53.3	182.3
20/76	G50C_100_100$_{de}$	0.0	1.0	0.5	1.0	1.0	0.5	180	0.0	1.0	0.951	86.5	−49.9	−8.4	50.6	189.6	0.0	1.0	0.955	86.5	−49.2	−8.4	49.9	189.6	0.6	207	0.0	1.0	0.951	86.5	−49.9	−8.4	50.6	189.6
21/77	G63C_100_100$_{de}$	0.0	1.0	0.625	1.0	1.0	0.5	188	0.0	0.997	1.0	86.6	−45.9	−13.9	47.9	196.9	0.0	0.997	1.0	86.6	−45.8	−13.8	47.9	196.8	0.1	210	0.0	0.997	1.0	86.6	−45.9	−13.9	47.9	196.9
22/78	G75C_100_100$_{de}$	0.0	1.0	0.75	1.0	1.0	0.5	196	0.0	0.958	1.0	83.9	−42.0	−18.9	46.1	204.2	0.0	0.959	1.0	83.9	−41.8	−17.9	45.4	203.1	1.0	212	0.0	0.958	1.0	83.9	−42.0	−18.9	46.1	204.2
23/79	G88C_100_100$_{de}$	0.0	1.0	0.875	1.0	1.0	0.5	203	0.0	0.924	1.0	81.4	−38.3	−22.6	44.5	210.5	0.0	0.925	1.0	81.5	−38.0	−21.5	43.7	209.5	1.1	213	0.0	0.924	1.0	81.4	−38.3	−22.6	44.5	210.5
24/80	C00B_100_100$_{de}$	0.0	1.0	1.0	1.0	1.0	0.5	210	0.0	0.89	1.0	79.0	−34.2	−25.7	42.8	216.9	0.0	0.89	1.0	79.0	−34.1	−25.3	42.5	216.6	0.4	215	0.0	0.89	1.0	79.0	−34.2	−25.7	42.8	216.9
25/71	C13B_100_100$_{de}$	0.0	0.875	1.0	1.0	1.0	0.5	217	0.0	0.858	1.0	76.8	−30.8	−29.1	42.4	223.3	0.0	0.859	1.0	76.8	−30.5	−28.7	41.9	223.2	0.5	217	0.0	0.858	1.0	76.8	−30.8	−29.1	42.4	223.3
26/62	C25B_100_100$_{de}$	0.0	0.75	1.0	1.0	1.0	0.5	224	0.0	0.829	1.0	74.7	−27.7	−32.7	42.8	229.7	0.0	0.831	1.0	74.8	−27.1	−31.8	41.8	229.5	1.0	219	0.0	0.829	1.0	74.7	−27.7	−32.7	42.8	229.7
27/53	C38B_100_100$_{de}$	0.0	0.625	1.0	1.0	1.0	0.5	232	0.0	0.796	1.0	72.4	−23.6	−36.4	43.4	237.0	0.0	0.797	1.0	72.5	−23.0	−35.4	42.3	236.9	1.0	221	0.0	0.796	1.0	72.4	−23.6	−36.4	43.4	237.0
28/44	C50B_100_100$_{de}$	0.0	0.5	1.0	1.0	1.0	0.5	240	0.0	0.763	1.0	70.0	−19.0	−39.6	43.9	244.3	0.0	0.763	1.0	70.0	−18.7	−39.3	43.5	244.5	0.4	223	0.0	0.763	1.0	70.0	−19.0	−39.6	43.9	244.3
29/35	C63B_100_100$_{de}$	0.0	0.375	1.0	1.0	1.0	0.5	248	0.0	0.725	1.0	67.4	−14.5	−43.8	46.2	251.6	0.0	0.726	1.0	67.4	−13.9	−43.3	45.5	252.1	0.7	225	0.0	0.725	1.0	67.4	−14.5	−43.8	46.2	251.6
30/26	C75B_100_100$_{de}$	0.0	0.25	1.0	1.0	1.0	0.5	256	0.0	0.685	1.0	64.5	−9.4	−48.6	49.5	258.9	0.0	0.686	1.0	64.6	−8.7	−47.7	48.5	259.6	1.1	227	0.0	0.685	1.0	64.5	−9.4	−48.6	49.5	258.9
31/17	C88B_100_100$_{de}$	0.0	0.125	1.0	1.0	1.0	0.5	263	0.0	0.649	1.0	62.0	−4.2	−52.3	52.5	265.3	0.0	0.65	1.0	62.0	−3.7	−51.8	51.9	265.9	0.7	230	0.0	0.649	1.0	62.0	−4.2	−52.3	52.5	265.3
32/8	B00M_100_100$_{de}$	0.0	0.0	1.0	1.0	1.0	0.5	270	0.0	0.609	1.0	59.2	1.7	−56.6	56.6	271.7	0.0	0.609	1.0	59.2	2.0	−56.3	56.3	272.1	0.4	232	0.0	0.609	1.0	59.2	1.7	−56.6	56.6	271.7
33/89	B13M_100_100$_{de}$	0.125	0.0	1.0	1.0	1.0	0.5	277	0.0	0.554	1.0	55.5	9.2	−63.0	63.6	278.3	0.0	0.557	1.0	55.6	9.6	−62.0	62.7	278.8	1.0	236	0.0	0.554	1.0	55.5	9.2	−63.0	63.6	278.3
34/170	B25M_100_100$_{de}$	0.25	0.0	1.0	1.0	1.0	0.5	284	0.0	0.5	1.0	51.8	18.3	−68.3	70.7	285.0	0.0	0.502	1.0	51.9	18.0	−68.0	70.4	284.8	0.3	239	0.0	0.5	1.0	51.8	18.3	−68.3	70.7	285.0
35/251	B38M_100_100$_{de}$	0.375	0.0	1.0	1.0	1.0	0.5	292	0.0	0.404	1.0	45.7	32.7	−78.6	85.1	292.5	0.0	0.407	1.0	45.8	32.6	−78.0	84.5	292.7	0.6	246	0.0	0.404	1.0	45.7	32.7	−78.6	85.1	292.5
36/332	B50M_100_100$_{de}$	0.5	0.0	1.0	1.0	1.0	0.5	300	0.0	0.27	1.0	38.2	52.7	−90.7	104.9	300.1	0.0	0.272	1.0	38.2	52.8	−90.5	104.8	300.2	0.2	254	0.0	0.27	1.0	38.2	52.7	−90.7	104.9	300.1
37/413	B63M_100_100$_{de}$	0.625	0.0	1.0	1.0	1.0	0.5	308	0.263	0.0	1.0	32.8	76.9	−99.3	125.7	307.7	0.264	0.0	0.999	32.8	76.9	−99.4	125.7	307.7	0.0	284	0.263	0.0	1.0	32.8	76.9	−99.3	125.7	307.7
38/494	B75M_100_100$_{de}$	0.75	0.0	1.0	1.0	1.0	0.5	316	0.638	0.0	1.0	43.2	82.9	−81.9	116.5	315.3	0.637	0.0	1.0	43.1	82.8	−82.0	116.5	315.2	0.1	309	0.638	0.0	1.0	43.2	82.9	−81.9	116.5	315.3
39/575	B88M_100_100$_{de}$	0.875	0.0	1.0	1.0	1.0	0.5	323	0.837	0.0	1.0	50.7	88.7	−69.4	112.6	321.9	0.837	0.0	1.0	50.6	88.6	−69.4	112.5	321.9	0.1	321	0.837	0.0	1.0	50.7	88.7	−69.4	112.6	321.9
40/656	M00R_100_100$_{de}$	1.0	0.0	1.0	1.0	1.0	0.5	330	1.0	0.0	0.991	57.1	94.1	−57.4	110.3	328.6	1.0	0.0	0.991	57.1	94.0	−57.4	110.2	328.5	0.0	330	1.0	0.0	0.991	57.1	94.1	−57.4	110.3	328.6
41/655	M13R_100_100$_{de}$	1.0	0.0	0.875	1.0	1.0	0.5	337	1.0	0.0	0.855	55.4	89.9	−41.4	99.0	335.2	1.0	0.0	0.854	55.3	89.7	−41.4	98.8	335.1	0.2	337	1.0	0.0	0.855	55.4	89.9	−41.4	99.0	335.2
42/654	M25R_100_100$_{de}$	1.0	0.0	0.75	1.0	1.0	0.5	344	1.0	0.0	0.747	54.1	86.7	−28.3	91.2	341.8	1.0	0.0	0.746	54.1	86.6	−28.2	91.1	341.9	0.1	344	1.0	0.0	0.747	54.1	86.7	−28.3	91.2	341.8
43/653	M38R_100_100$_{de}$	1.0	0.0	0.625	1.0	1.0	0.5	352	1.0	0.0	0.65	53.2	84.5	−15.7	85.9	349.4	1.0	0.0	0.647	53.2	84.1	−15.6	85.6	349.4	0.3	350	1.0	0.0	0.65	53.2	84.5	−15.7	85.9	349.4
44/652	M50R_100_100$_{de}$	1.0	0.0	0.5	1.0	1.0	0.5	360	1.0	0.0	0.617	52.9	83.6	−11.6	84.4	352.0	1.0	0.0	0.616	52.9	83.4	−11.5	84.2	352.1	0.1	352	1.0	0.0	0.617	52.9	83.6	−11.6	84.4	352.0
45/651	M63R_100_100$_{de}$	1.0	0.0	0.375	1.0	1.0	0.5	368	1.0	0.0	0.521	52.2	81.8	1.3	81.8	0.9	1.0	0.0	0.522	52.2	81.5	1.1	81.5	0.7	0.3	358	1.0	0.0	0.521	52.2	81.8	1.3	81.8	0.9
46/650	M75R_100_100$_{de}$	1.0	0.0	0.25	1.0	1.0	0.5	376	1.0	0.0	0.429	51.6	80.5	14.0	81.7	9.8	1.0	0.0	0.431	51.6	80.0	13.7	81.2	9.7	0.6	364	1.0	0.0	0.429	51.6	80.5	14.0	81.7	9.8
47/649	M88R_100_100$_{de}$	1.0	0.0	0.125	1.0	1.0	0.5	383	1.0	0.0	0.348	51.2	79.3	25.2	83.2	17.6	1.0	0.0	0.35	51.2	78.9	25.0	82.8	17.6	0.3	369	1.0	0.0	0.348	51.2	79.3	25.2	83.2	17.6
48/648	R00Y_100_100$_{de}$	1.0	0.0	0.0	1.0	1.0	0.5	390	1.0	0.0	0.263	50.9	78.3	37.3	86.7	25.4	1.0	0.0	0.264	50.9	78.1	37.1	86.5	25.4	0.2	375	1.0	0.0	0.263	50.9	78.3	37.3	86.7	25.4
49/0	NW_000$_{de}$	0.0	0.0	0.0	0.0	0.0	0.0	360	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
50/91	NW_013$_{de}$	0.125	0.125	0.125	0.125	0.0	0.125	360	0.125	0.125	0.125	11.9	0.0	0.0	0.0	0.0	0.129	0.132	0.132	11.9	−0.2	0.0	0.2	198.6	0.2	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
51/182	NW_025$_{de}$	0.25	0.25	0.25	0.25	0.0	0.25	360	0.25	0.25	0.25	23.8	0.0	0.0	0.0	0.0	0.232	0.236	0.237	23.7	−0.4	−0.2	0.4	207.2	0.4	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
52/273	NW_038$_{de}$	0.375	0.375	0.375	0.375	0.0	0.375	360	0.375	0.375	0.375	35.7	0.0	0.0	0.0	0.0	0.345	0.35	0.35	35.7	−0.4	−0.2	0.5	205.6	0.5	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
53/364	NW_050$_{de}$	0.5	0.5	0.5	0.5	0.0	0.5	360	0.5	0.5	0.5	47.7	0.0	0.0	0.0	0.0	0.466	0.47	0.471	47.7	−0.3	−0.1	0.4	205.6	0.4	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
54/455	NW_063$_{de}$	0.625	0.625	0.625	0.625	0.0	0.625	360	0.625	0.625	0.625	59.6	0.0	0.0	0.0	0.0	0.59	0.593	0.594	59.4	−0.2	−0.1	0.3	206.3	0.3	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
55/546	NW_075$_{de}$	0.75	0.75	0.75	0.75	0.0	0.75	360	0.75	0.75	0.75	71.5	0.0	0.0	0.0	0.0	0.721	0.724	0.724	71.3	−0.1	0.0	0.2	207.8	0.2	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
56/637	NW_088$_{de}$	0.875	0.875	0.875	0.875	0.0	0.875	360	0.875	0.875	0.875	83.4	0.0	0.0	0.0	0.0	0.858	0.86	0.86	83.3	0.0	0.0	0.1	212.6	0.1	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
57/728	NW_100$_{de}$	1.0	1.0	1.0	1.0	0.0	1.0	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0	1.0	1.0	1.0	95.4	0.0	0.0	0.0	325.2	0.0	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
																								delta *E' =**	**0.4**								

TUB-prøveplansje RN89; 16-trinns fargetonesirkel, *cf*=1
farger og fargeavstander, Δ*E'**

input: *rgb/cmyk −> rgb*$_{de}$
output: 3D-linearisering til *rgb**$_{de}$

n/j	HIC*$_{Fde}$	*rgb*$_{Fde}$			*ict*$_{Fde}$			h_{si_Fde}	*rgb**$_{Fde}$			*LabCh**$_{Fde}$					*rgb'**$_{Fde}$			*LabCh'**$_{Fde}$					*DE'*$_{Fde}$	$h_{siM,de}$	*rgb**$_{Mde}$			*LabCh**$_{Mde}$				
0/648	R00Y_100_100$_{de}$	1.0	0.0	0.0	1.0	1.0	0.5	390	1.0	0.0	0.263	50.9	78.3	37.3	86.7	25.4	1.0	0.0	0.264	50.9	78.1	37.1	86.5	25.4	0.2	375	1.0	0.0	0.263	50.9	78.3	37.3	86.7	25.4
1/666	R25Y_100_100$_{de}$	1.0	0.25	0.0	1.0	1.0	0.5	44	1.0	0.102	0.0	51.3	74.4	64.8	98.7	41.0	0.999	0.102	0.0	51.2	74.7	64.8	98.9	40.9	0.2	35	1.0	0.102	0.0	51.3	74.4	64.8	98.7	41.0
2/684	R50Y_100_100$_{de}$	1.0	0.5	0.0	1.0	1.0	0.5	60	1.0	0.487	0.0	63.1	42.7	70.8	82.7	58.8	0.999	0.489	0.0	63.1	42.6	70.7	82.5	58.9	0.1	59	1.0	0.487	0.0	63.1	42.7	70.8	82.7	58.8
3/702	R75Y_100_100$_{de}$	1.0	0.75	0.0	1.0	1.0	0.5	76	1.0	0.684	0.0	73.5	18.3	77.7	79.8	76.7	1.0	0.682	0.0	73.3	18.4	77.1	79.3	76.5	0.5	72	1.0	0.684	0.0	73.5	18.3	77.7	79.8	76.7
4/720	Y00G_100_100$_{de}$	1.0	1.0	0.0	1.0	1.0	0.5	90	1.0	0.856	0.0	83.7	−3.4	84.5	84.5	92.3	1.0	0.856	0.0	83.6	−3.4	84.2	84.3	92.3	0.2	82	1.0	0.856	0.0	83.7	−3.4	84.5	84.5	92.3
5/558	Y25G_100_100$_{de}$	0.75	1.0	0.0	1.0	1.0	0.5	104	0.906	1.0	0.0	91.0	−29.9	88.9	93.8	108.6	0.906	1.0	0.0	90.9	−30.0	88.7	93.6	108.6	0.2	94	0.906	1.0	0.0	91.0	−29.9	88.9	93.8	108.6
6/396	Y50G_100_100$_{de}$	0.5	1.0	0.0	1.0	1.0	0.5	120	0.528	1.0	0.0	85.9	−63.0	82.8	104.1	127.2	0.53	0.999	0.0	85.9	−63.0	82.7	104.0	127.3	0.1	118	0.528	1.0	0.0	85.9	−63.0	82.8	104.1	127.2
7/234	Y75G_100_100$_{de}$	0.25	1.0	0.0	1.0	1.0	0.5	136	0.0	1.0	0.436	84.1	−76.0	51.4	91.8	145.9	0.0	1.0	0.439	84.1	−75.8	51.4	91.6	145.8	0.1	175	0.0	1.0	0.436	84.1	−76.0	51.4	91.8	145.9
8/72	G00B_100_100$_{de}$	0.0	1.0	0.0	1.0	1.0	0.5	150	0.0	1.0	0.706	85.1	−64.6	20.7	67.9	162.2	0.0	1.0	0.707	85.1	−64.3	20.9	67.6	162.0	0.3	193	0.0	1.0	0.706	85.1	−64.6	20.7	67.9	162.2
9/72	G00B_100_100$_{de}$	0.0	1.0	0.0	1.0	1.0	0.5	150	0.0	1.0	0.706	85.1	−64.6	20.7	67.9	162.2	0.0	1.0	0.707	85.1	−64.3	20.9	67.6	162.0	0.3	193	0.0	1.0	0.706	85.1	−64.6	20.7	67.9	162.2
10/76	G25B_100_100$_{de}$	0.0	1.0	0.5	1.0	1.0	0.5	180	0.0	1.0	0.951	86.5	−49.9	−8.4	50.6	189.6	0.0	1.0	0.955	86.5	−49.2	−8.4	49.9	189.6	0.6	207	0.0	1.0	0.951	86.5	−49.9	−8.4	50.6	189.6
11/80	G50B_100_100$_{de}$	0.0	1.0	1.0	1.0	1.0	0.5	210	0.0	0.89	1.0	79.0	−34.2	−25.7	42.8	216.9	0.0	0.89	1.0	79.0	−34.1	−25.3	42.5	216.6	0.4	215	0.0	0.89	1.0	79.0	−34.2	−25.7	42.8	216.9
12/44	G75B_100_100$_{de}$	0.0	0.5	1.0	1.0	1.0	0.5	240	0.0	0.763	1.0	70.0	−19.0	−39.6	43.9	244.3	0.0	0.763	1.0	70.0	−18.7	−39.3	43.5	244.5	0.4	223	0.0	0.763	1.0	70.0	−19.0	−39.6	43.9	244.3
13/8	B00M_100_100$_{de}$	0.0	0.0	1.0	1.0	1.0	0.5	270	0.0	0.609	1.0	59.2	1.7	−56.6	56.6	271.7	0.0	0.609	1.0	59.2	2.0	−56.3	56.3	272.1	0.4	232	0.0	0.609	1.0	59.2	1.7	−56.6	56.6	271.7
14/332	B25R_100_100$_{de}$	0.5	0.0	1.0	1.0	1.0	0.5	300	0.0	0.27	1.0	38.2	52.7	−90.7	104.9	300.1	0.0	0.272	1.0	38.2	52.8	−90.5	104.8	300.2	0.2	254	0.0	0.27	1.0	38.2	52.7	−90.7	104.9	300.1
15/656	B50R_100_100$_{de}$	1.0	0.0	1.0	1.0	1.0	0.5	330	1.0	0.0	0.991	57.1	94.1	−57.4	110.3	328.6	1.0	0.0	0.991	57.1	94.0	−57.4	110.2	328.5	0.0	330	1.0	0.0	0.991	57.1	94.1	−57.4	110.3	328.6
16/652	B75R_100_100$_{de}$	1.0	0.0	0.5	1.0	1.0	0.5	360	1.0	0.0	0.617	52.9	83.6	−11.6	84.4	352.0	1.0	0.0	0.616	52.9	83.4	−11.5	84.2	352.1	0.1	352	1.0	0.0	0.617	52.9	83.6	−11.6	84.4	352.0
17/648	R00Y_100_100$_{de}$	1.0	0.0	0.0	1.0	1.0	0.5	390	1.0	0.0	0.263	50.9	78.3	37.3	86.7	25.4	1.0	0.0	0.264	50.9	78.1	37.1	86.5	25.4	0.2	375	1.0	0.0	0.263	50.9	78.3	37.3	86.7	25.4
18/688	R00Y_100_050$_{de}$	1.0	0.5	0.5	1.0	0.5	0.75	390	1.0	0.5	0.631	73.1	39.1	18.6	43.3	25.4	1.0	0.622	0.61	71.4	33.9	16.1	37.6	25.4	5.9	375	1.0	0.0	0.263	50.9	78.3	37.3	86.7	25.4
19/706	R50Y_100_050$_{de}$	1.0	0.75	0.5	1.0	0.5	0.75	60	1.0	0.743	0.5	79.2	21.3	35.4	41.3	58.8	1.0	0.745	0.545	77.9	16.5	33.4	37.3	63.6	5.3	59	1.0	0.487	0.0	63.1	42.7	70.8	82.7	58.8
20/724	Y00G_100_050$_{de}$	1.0	1.0	0.5	1.0	0.5	0.75	90	1.0	0.928	0.5	89.5	−1.7	42.2	42.2	92.3	1.0	0.925	0.594	88.9	−4.7	41.4	41.7	96.5	3.2	82	1.0	0.856	0.0	83.7	−3.4	84.5	84.5	92.3
21/562	Y50G_100_050$_{de}$	0.75	1.0	0.5	1.0	0.5	0.75	120	0.764	1.0	0.5	90.7	−31.5	41.4	52.0	127.2	0.803	1.0	0.607	90.2	−31.1	41.0	51.5	127.1	0.6	118	0.528	1.0	0.0	85.9	−63.0	82.8	104.1	127.2
22/400	G00B_100_050$_{de}$	0.5	1.0	0.5	1.0	0.5	0.75	150	0.5	1.0	0.853	90.2	−32.3	10.3	33.9	162.2	0.673	1.0	0.853	89.6	−31.6	9.5	33.0	163.2	1.2	193	0.0	1.0	0.706	85.1	−64.6	20.7	67.9	162.2
23/404	G50B_100_050$_{de}$	0.5	1.0	1.0	1.0	0.5	0.75	210	0.5	0.945	1.0	87.2	−17.1	−12.8	21.4	216.9	0.676	0.947	1.0	87.1	−17.5	−12.7	21.7	216.0	0.4	215	0.0	0.89	1.0	79.0	−34.2	−25.7	42.8	216.9
24/368	B00R_100_050$_{de}$	0.5	0.5	1.0	1.0	0.5	0.75	270	0.5	0.804	1.0	77.3	0.8	−28.3	28.3	271.7	0.66	0.797	1.0	77.1	0.3	−27.9	27.9	270.8	0.6	232	0.0	0.609	1.0	59.2	1.7	−56.6	56.6	271.7
25/692	B50R_100_050$_{de}$	1.0	0.5	1.0	1.0	0.5	0.75	330	1.0	0.5	0.995	76.3	47.0	−28.7	55.1	328.6	1.0	0.645	1.0	75.4	45.0	−29.9	54.1	326.3	2.5	330	1.0	0.0	0.991	57.1	94.1	−57.4	110.3	328.6
26/688	R00Y_100_050$_{de}$	1.0	0.5	0.5	1.0	0.5	0.75	390	1.0	0.5	0.631	73.1	39.1	18.6	43.3	25.4	1.0	0.622	0.61	71.4	33.9	16.1	37.6	25.4	5.9	375	1.0	0.0	0.263	50.9	78.3	37.3	86.7	25.4
27/506	R00Y_075_050$_{de}$	0.75	0.25	0.25	0.75	0.5	0.5	390	0.75	0.25	0.381	49.3	39.1	18.6	43.3	25.4	0.762	0.363	0.365	49.2	39.0	18.4	43.1	25.2	0.2	375	1.0	0.0	0.263	50.9	78.3	37.3	86.7	25.4
28/524	R50Y_075_050$_{de}$	0.75	0.5	0.25	0.75	0.5	0.5	60	0.75	0.493	0.25	55.4	21.3	35.4	41.3	58.8	0.756	0.487	0.298	55.4	20.9	35.4	41.2	59.3	0.3	59	1.0	0.487	0.0	63.1	42.7	70.8	82.7	58.8
29/542	Y00G_075_050$_{de}$	0.75	0.75	0.25	0.75	0.5	0.5	90	0.75	0.678	0.25	65.7	−1.7	42.2	42.2	92.3	0.745	0.655	0.341	65.6	−1.7	42.1	42.2	92.3	0.1	82	1.0	0.856	0.0	83.7	−3.4	84.5	84.5	92.3
30/380	Y50G_075_050$_{de}$	0.5	0.75	0.25	0.75	0.5	0.5	120	0.514	0.75	0.25	66.8	−31.5	41.4	52.0	127.2	0.532	0.728	0.352	66.7	−31.5	41.3	52.0	127.3	0.1	118	0.528	1.0	0.0	85.9	−63.0	82.8	104.1	127.2
31/218	G00B_075_050$_{de}$	0.25	0.75	0.25	0.75	0.5	0.5	150	0.25	0.75	0.603	66.4	−32.3	10.3	33.9	162.2	0.404	0.73	0.587	66.3	−32.5	10.3	34.1	162.4	0.2	193	0.0	1.0	0.706	85.1	−64.6	20.7	67.9	162.2
32/222	G50B_075_050$_{de}$	0.25	0.75	0.75	0.75	0.5	0.5	210	0.25	0.695	0.75	63.3	−17.1	−12.8	21.4	216.9	0.408	0.674	0.726	63.2	−17.3	−12.9	21.6	216.8	0.2	215	0.0	0.89	1.0	79.0	−34.2	−25.7	42.8	216.9
33/186	B00R_075_050$_{de}$	0.25	0.25	0.75	0.75	0.5	0.5	270	0.25	0.554	0.75	53.4	0.8	−28.3	28.3	271.7	0.394	0.538	0.728	53.4	0.4	−28.1	28.1	270.8	0.4	232	0.0	0.609	1.0	59.2	1.7	−56.6	56.6	271.7
34/510	B50R_075_050$_{de}$	0.75	0.25	0.75	0.75	0.5	0.5	330	0.75	0.25	0.745	52.4	47.0	−28.7	55.1	328.6	0.743	0.385	0.724	52.4	46.7	−28.6	54.8	328.4	0.3	330	1.0	0.0	0.991	57.1	94.1	−57.4	110.3	328.6
35/506	R00Y_075_050$_{de}$	0.75	0.25	0.25	0.75	0.5	0.5	390	0.75	0.25	0.381	49.3	39.1	18.6	43.3	25.4	0.762	0.363	0.365	49.2	39.0	18.4	43.1	25.2	0.2	375	1.0	0.0	0.263	50.9	78.3	37.3	86.7	25.4
36/324	R00Y_050_050$_{de}$	0.5	0.0	0.0	0.5	0.5	0.25	390	0.5	0.0	0.131	25.4	39.1	18.6	43.3	25.4	0.482	0.102	0.144	25.2	39.8	18.4	43.9	24.8	0.7	375	1.0	0.0	0.263	50.9	78.3	37.3	86.7	25.4
37/342	R50Y_050_050$_{de}$	0.5	0.25	0.0	0.5	0.5	0.25	60	0.5	0.243	0.0	31.5	21.3	35.4	41.3	58.8	0.48	0.247	0.061	31.5	21.4	36.4	42.2	59.4	0.9	59	1.0	0.487	0.0	63.1	42.7	70.8	82.7	58.8
38/360	Y00G_050_050$_{de}$	0.5	0.5	0.0	0.5	0.5	0.25	90	0.5	0.428	0.0	41.8	−1.7	42.2	42.2	92.3	0.476	0.408	0.088	41.9	−1.9	43.0	43.1	92.5	0.8	82	1.0	0.856	0.0	83.7	−3.4	84.5	84.5	92.3
39/198	Y50G_050_050$_{de}$	0.25	0.5	0.0	0.5	0.5	0.25	120	0.264	0.5	0.0	42.9	−31.5	41.4	52.0	127.2	0.273	0.472	0.095	43.0	−32.2	42.2	53.1	127.3	1.0	118	0.528	1.0	0.0	85.9	−63.0	82.8	104.1	127.2
40/36	G00B_050_050$_{de}$	0.0	0.5	0.0	0.5	0.5	0.25	150	0.0	0.5	0.353	42.5	−32.3	10.3	33.9	162.2	0.126	0.473	0.343	42.7	−32.9	10.5	34.5	162.2	0.6	193	0.0	1.0	0.706	85.1	−64.6	20.7	67.9	162.2
41/40	G50B_050_050$_{de}$	0.0	0.5	0.5	0.5	0.5	0.25	210	0.0	0.445	0.5	39.5	−17.1	−12.8	21.4	216.9	0.126	0.424	0.472	39.6	−17.6	−12.9	21.9	216.1	0.5	215	0.0	0.89	1.0	79.0	−34.2	−25.7	42.8	216.9
42/4	B00R_050_050$_{de}$	0.0	0.0	0.5	0.5	0.5	0.25	270	0.0	0.304	0.5	29.6	0.8	−28.3	28.3	271.7	0.112	0.3	0.473	29.6	0.1	−28.5	28.5	270.3	0.7	232	0.0	0.609	1.0	59.2	1.7	−56.6	56.6	271.7
43/328	B50R_050_050$_{de}$	0.5	0.0	0.5	0.5	0.5	0.25	330	0.5	0.0	0.495	28.5	47.0	−28.7	55.1	328.6	0.475	0.121	0.469	28.5	47.2	−29.1	55.4	328.3	0.4	330	1.0	0.0	0.991	57.1	94.1	−57.4	110.3	328.6
44/324	R00Y_050_050$_{de}$	0.5	0.0	0.0	0.5	0.5	0.25	390	0.5	0.0	0.131	25.4	39.1	18.6	43.3	25.4	0.482	0.102	0.144	25.2	39.8	18.4	43.9	24.8	0.7	375	1.0	0.0	0.263	50.9	78.3	37.3	86.7	25.4
45/0	NW_000$_{de}$	0.0	0.0	0.0	0.0	0.0	0.0	360	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
46/91	NW_013$_{de}$	0.125	0.125	0.125	0.125	0.0	0.125	360	0.125	0.125	0.125	11.9	0.0	0.0	0.0	0.0	0.129	0.132	0.132	11.9	−0.2	0.0	0.2	198.6	0.2	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
47/182	NW_025$_{de}$	0.25	0.25	0.25	0.25	0.0	0.25	360	0.25	0.25	0.25	23.8	0.0	0.0	0.0	0.0	0.232	0.236	0.237	23.7	−0.4	−0.2	0.4	207.2	0.4	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
48/273	NW_038$_{de}$	0.375	0.375	0.375	0.375	0.0	0.375	360	0.375	0.375	0.375	35.7	0.0	0.0	0.0	0.0	0.345	0.35	0.35	35.7	−0.4	−0.2	0.5	205.6	0.5	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
49/364	NW_050$_{de}$	0.5	0.5	0.5	0.5	0.0	0.5	360	0.5	0.5	0.5	47.7	0.0	0.0	0.0	0.0	0.466	0.47	0.471	47.7	−0.3	−0.1	0.4	205.6	0.4	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
50/455	NW_063$_{de}$	0.625	0.625	0.625	0.625	0.0	0.625	360	0.625	0.625	0.625	59.6	0.0	0.0	0.0	0.0	0.59	0.593	0.594	59.4	−0.2	−0.1	0.3	206.3	0.3	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
51/546	NW_075$_{de}$	0.75	0.75	0.75	0.75	0.0	0.75	360	0.75	0.75	0.75	71.5	0.0	0.0	0.0	0.0	0.721	0.724	0.724	71.3	−0.1	0.0	0.2	207.8	0.2	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
52/637	NW_088$_{de}$	0.875	0.875	0.875	0.875	0.0	0.875	360	0.875	0.875	0.875	83.4	0.0	0.0	0.0	0.0	0.858	0.86	0.86	83.3	0.0	0.0	0.1	212.6	0.1	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
53/728	NW_100$_{de}$	1.0	1.0	1.0	1.0	0.0	1.0	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0	1.0	1.0	1.0	95.4	0.0	0.0	0.0	325.2	0.0	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
																								delta *E' =**	**0.8**								

TUB-prøveplansje RN89; 16-trinns fargetonesirkel, *cf*=1
farger og fargeavstander, Δ*E'**

input: *rgb/cmyk −> rgb*$_{de}$
output: 3D-linearisering til *rgb**$_{de}$

5−1131834−F0

http://130.149.60.45/~farbmetrik/RN89/RN89L0FP.PDF /.PS; 3D-linearisering
F: 3D-linearisering RN89/RN89LJ30FP.DAT i fil (F), side 20/33

n=j	HIC*Fde	rgb_Fde			ict_Fde			$h_{si\_F,de}$
0	NW_000de	0.0	0.0	0.0	0.0	0.0	0.0	360
1	B00R_012_012de	0.0	0.0	0.125	0.125	0.125	0.062	270
2	B00R_025_025de	0.0	0.0	0.25	0.25	0.25	0.125	270
3	B00R_037_037de	0.0	0.0	0.375	0.375	0.375	0.187	270
4	B00R_050_050de	0.0	0.0	0.5	0.5	0.5	0.25	270
5	B00R_062_062de	0.0	0.0	0.625	0.625	0.625	0.312	270
6	B00R_075_075de	0.0	0.0	0.75	0.75	0.75	0.375	270
7	B00R_087_087de	0.0	0.0	0.875	0.875	0.875	0.437	270
8	B00R_100_100de	0.0	0.0	1.0	1.0	1.0	0.5	270
9	G00B_012_012de	0.0	0.125	0.0	0.125	0.125	0.062	150
10	G50B_012_012de	0.0	0.125	0.125	0.125	0.125	0.062	210
11	G75B_025_025de	0.0	0.125	0.25	0.25	0.25	0.125	240
12	G84B_037_037de	0.0	0.125	0.375	0.375	0.375	0.187	251
13	G88B_050_050de	0.0	0.125	0.5	0.5	0.5	0.25	256
14	G90B_062_062de	0.0	0.125	0.625	0.625	0.625	0.312	259
15	G92B_075_075de	0.0	0.125	0.75	0.75	0.75	0.375	261
16	G93B_087_087de	0.0	0.125	0.875	0.875	0.875	0.437	262
17	G94B_100_100de	0.0	0.125	1.0	1.0	1.0	0.5	263
18	G00B_025_025de	0.0	0.25	0.0	0.25	0.25	0.125	150
19	G25B_025_025de	0.0	0.25	0.125	0.25	0.25	0.125	180
20	G50B_025_025de	0.0	0.25	0.25	0.25	0.25	0.125	210
21	G65B_037_037de	0.0	0.25	0.375	0.375	0.375	0.187	229
22	G75B_050_050de	0.0	0.25	0.5	0.5	0.5	0.25	240
23	G80B_062_062de	0.0	0.25	0.625	0.625	0.625	0.312	247
24	G84B_075_075de	0.0	0.25	0.75	0.75	0.75	0.375	251
25	G86B_087_087de	0.0	0.25	0.875	0.875	0.875	0.437	254
26	G88B_100_100de	0.0	0.25	1.0	1.0	1.0	0.5	256
27	G00B_037_037de	0.0	0.375	0.0	0.375	0.375	0.187	150
28	G15B_037_037de	0.0	0.375	0.125	0.375	0.375	0.187	169
29	G34B_037_037de	0.0	0.375	0.25	0.375	0.375	0.187	191
30	G50B_037_037de	0.0	0.375	0.375	0.375	0.375	0.187	210
31	G61B_050_050de	0.0	0.375	0.5	0.5	0.5	0.25	224
32	G69B_062_062de	0.0	0.375	0.625	0.625	0.625	0.312	233
33	G75B_075_075de	0.0	0.375	0.75	0.75	0.75	0.375	240
34	G79B_087_087de	0.0	0.375	0.875	0.875	0.875	0.437	245
35	G81B_100_100de	0.0	0.375	1.0	1.0	1.0	0.5	248
36	G00B_050_050de	0.0	0.5	0.0	0.5	0.5	0.25	150
37	G11B_050_050de	0.0	0.5	0.125	0.5	0.5	0.25	164
38	G25B_050_050de	0.0	0.5	0.25	0.5	0.5	0.25	180
39	G38B_050_050de	0.0	0.5	0.375	0.5	0.5	0.25	196
40	G50B_050_050de	0.0	0.5	0.5	0.5	0.5	0.25	210
41	G59B_062_062de	0.0	0.5	0.625	0.625	0.625	0.312	221
42	G65B_075_075de	0.0	0.5	0.75	0.75	0.75	0.375	229
43	G70B_087_087de	0.0	0.5	0.875	0.875	0.875	0.437	235
44	G75B_100_100de	0.0	0.5	1.0	1.0	1.0	0.5	240
45	G00B_062_062de	0.0	0.625	0.0	0.625	0.625	0.312	150
46	G09B_062_062de	0.0	0.625	0.125	0.625	0.625	0.312	161
47	G19B_062_062de	0.0	0.625	0.25	0.625	0.625	0.312	173
48	G30B_062_062de	0.0	0.625	0.375	0.625	0.625	0.312	187
49	G40B_062_062de	0.0	0.625	0.5	0.625	0.625	0.312	199
50	G50B_062_062de	0.0	0.625	0.625	0.625	0.625	0.312	210
51	G57B_075_075de	0.0	0.625	0.75	0.75	0.75	0.375	219
52	G63B_087_087de	0.0	0.625	0.875	0.875	0.875	0.437	226
53	G68B_100_100de	0.0	0.625	1.0	1.0	1.0	0.5	232
54	G00B_075_075de	0.0	0.75	0.0	0.75	0.75	0.375	150
55	G07B_075_075de	0.0	0.75	0.125	0.75	0.75	0.375	159
56	G15B_075_075de	0.0	0.75	0.25	0.75	0.75	0.375	169
57	G25B_075_075de	0.0	0.75	0.375	0.75	0.75	0.375	180
58	G34B_075_075de	0.0	0.75	0.5	0.75	0.75	0.375	191
59	G42B_075_075de	0.0	0.75	0.625	0.75	0.75	0.375	201
60	G50B_075_075de	0.0	0.75	0.75	0.75	0.75	0.375	210
61	G56B_087_087de	0.0	0.75	0.875	0.875	0.875	0.437	218
62	G61B_100_100de	0.0	0.75	1.0	1.0	1.0	0.5	224
63	G00B_087_087de	0.0	0.875	0.0	0.875	0.875	0.437	150
64	G06B_087_087de	0.0	0.875	0.125	0.875	0.875	0.437	158
65	G13B_087_087de	0.0	0.875	0.25	0.875	0.875	0.437	166
66	G20B_087_087de	0.0	0.875	0.375	0.875	0.875	0.437	175
67	G29B_087_087de	0.0	0.875	0.5	0.875	0.875	0.437	185
68	G36B_087_087de	0.0	0.875	0.625	0.875	0.875	0.437	194
69	G43B_087_087de	0.0	0.875	0.75	0.875	0.875	0.437	202
70	G50B_087_087de	0.0	0.875	0.875	0.875	0.875	0.437	210
71	G55B_100_100de	0.0	0.875	1.0	1.0	1.0	0.5	217
72	G00B_100_100de	0.0	1.0	0.0	1.0	1.0	0.5	150
73	G05B_100_100de	0.0	1.0	0.125	1.0	1.0	0.5	157
74	G11B_100_100de	0.0	1.0	0.25	1.0	1.0	0.5	164
75	G18B_100_100de	0.0	1.0	0.375	1.0	1.0	0.5	172
76	G25B_100_100de	0.0	1.0	0.5	1.0	1.0	0.5	180
77	G31B_100_100de	0.0	1.0	0.625	1.0	1.0	0.5	188
78	G38B_100_100de	0.0	1.0	0.75	1.0	1.0	0.5	196
79	G44B_100_100de	0.0	1.0	0.875	1.0	1.0	0.5	203
80	G50B_100_100de	0.0	1.0	1.0	1.0	1.0	0.5	210

n=j	rgb*Fde			LabCh*Fde				
0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1	0.0	0.076	0.125	7.4	0.2	-7.0	7.0	271.7
2	0.0	0.152	0.25	14.8	0.4	-14.1	14.1	271.7
3	0.0	0.228	0.375	22.2	0.6	-21.2	21.2	271.7
4	0.0	0.304	0.5	29.6	0.8	-28.3	28.3	271.7
5	0.0	0.38	0.625	37.0	1.0	-35.3	35.3	271.7
6	0.0	0.457	0.75	44.4	1.2	-42.4	42.4	271.7
7	0.0	0.533	0.875	51.8	1.5	-49.5	49.5	271.7
8	0.0	0.609	1.0	59.2	1.7	-56.6	56.6	271.7
9	0.0	0.125	0.088	10.6	-8.0	2.5	8.4	162.2
10	0.0	0.111	0.125	9.8	-4.2	-3.2	5.3	216.9
11	0.0	0.19	0.25	17.5	-4.7	-9.9	10.9	244.3
12	0.0	0.266	0.375	24.8	-4.7	-17.1	17.8	254.3
13	0.0	0.342	0.5	32.2	-4.7	-24.3	24.7	258.9
14	0.0	0.418	0.625	39.6	-4.5	-31.4	31.7	261.6
15	0.0	0.494	0.75	47.0	-4.3	-38.5	38.7	263.5
16	0.0	0.573	0.875	54.6	-4.4	-45.3	45.6	264.4
17	0.0	0.649	1.0	62.0	-4.2	-52.3	52.5	265.3
18	0.0	0.25	0.176	21.2	-16.1	5.1	16.9	162.2
19	0.0	0.25	0.237	21.6	-12.4	-2.1	12.6	189.6
20	0.0	0.222	0.25	19.7	-8.5	-6.4	10.7	216.9
21	0.0	0.303	0.375	27.4	-9.4	-13.1	16.2	234.3
22	0.0	0.381	0.5	35.0	-9.5	-19.8	21.9	244.3
23	0.0	0.456	0.625	42.3	-9.4	-27.0	28.6	250.7
24	0.0	0.532	0.75	49.7	-9.5	-34.3	35.6	254.3
25	0.0	0.608	0.875	57.1	-9.4	-41.5	42.6	257.1
26	0.0	0.685	1.0	64.5	-9.4	-48.6	49.5	258.9
27	0.0	0.375	0.264	31.9	-24.2	7.7	25.4	162.2
28	0.0	0.375	0.33	32.2	-20.3	0.1	20.3	179.5
29	0.0	0.368	0.375	32.1	-16.7	-5.9	17.7	199.6
30	0.0	0.333	0.375	29.6	-12.8	-9.6	16.0	216.9
31	0.0	0.414	0.5	37.3	-13.8	-16.3	21.4	229.7
32	0.0	0.495	0.625	45.0	-14.4	-23.0	27.1	237.9
33	0.0	0.572	0.75	52.5	-14.2	-29.7	32.9	244.3
34	0.0	0.648	0.875	59.9	-14.1	-36.7	39.3	248.9
35	0.0	0.725	1.0	67.4	-14.5	-43.8	46.2	251.6
36	0.0	0.5	0.353	42.5	-32.3	10.3	33.9	162.2
37	0.0	0.5	0.419	42.9	-28.5	2.4	28.6	175.0
38	0.0	0.5	0.475	43.2	-24.9	-4.2	25.3	189.6
39	0.0	0.479	0.5	41.9	-21.0	-9.4	23.0	204.2
40	0.0	0.445	0.5	39.5	-17.1	-12.8	21.4	216.9
41	0.0	0.526	0.625	47.2	-18.1	-19.5	26.6	227.0
42	0.0	0.606	0.75	54.9	-18.9	-26.3	32.4	234.3
43	0.0	0.686	0.875	62.5	-19.2	-32.9	38.1	239.7
44	0.0	0.763	1.0	70.0	-19.0	-39.6	43.9	244.3
45	0.0	0.625	0.441	53.2	-40.4	12.9	42.4	162.2
46	0.0	0.625	0.507	53.5	-36.7	4.9	37.0	172.2
47	0.0	0.625	0.566	53.9	-33.0	-1.8	33.1	183.2
48	0.0	0.625	0.623	54.2	-29.0	-8.3	30.1	195.9
49	0.0	0.589	0.625	51.7	-25.3	-12.8	28.4	206.9
50	0.0	0.556	0.625	49.4	-21.4	-16.1	26.8	216.9
51	0.0	0.637	0.75	57.1	-22.4	-22.6	31.9	225.1
52	0.0	0.718	0.875	64.9	-23.3	-29.4	37.6	231.5
53	0.0	0.796	1.0	72.4	-23.6	-36.4	43.4	237.0
54	0.0	0.75	0.529	63.8	-48.5	15.5	50.9	162.2
55	0.0	0.75	0.596	64.2	-44.8	7.5	45.4	170.4
56	0.0	0.75	0.66	64.5	-40.7	0.3	40.7	179.5
57	0.0	0.75	0.713	64.9	-37.4	-6.3	37.9	189.6
58	0.0	0.736	0.75	64.2	-33.4	-11.9	35.4	199.6
59	0.0	0.7	0.75	61.6	-29.5	-16.2	33.7	208.7
60	0.0	0.667	0.75	59.3	-25.6	-19.3	32.1	216.9
61	0.0	0.747	0.875	66.9	-26.6	-25.9	37.1	224.2
62	0.0	0.829	1.0	74.7	-27.7	-32.7	42.8	229.7
63	0.0	0.875	0.617	74.5	-56.5	18.1	59.4	162.2
64	0.0	0.875	0.688	74.8	-52.7	9.7	53.6	169.5
65	0.0	0.875	0.748	75.1	-48.9	2.7	49.0	176.8
66	0.0	0.875	0.804	75.5	-45.5	-4.0	45.7	185.0
67	0.0	0.875	0.861	75.9	-41.5	-10.4	42.8	194.1
68	0.0	0.847	0.875	74.0	-37.7	-15.5	40.7	202.3
69	0.0	0.812	0.875	71.6	-34.0	-19.3	39.1	209.6
70	0.0	0.778	0.875	69.1	-29.9	-22.5	37.5	216.9
71	0.0	0.858	1.0	76.8	-30.8	-29.1	42.4	223.3
72	0.0	1.0	0.706	85.1	-64.6	20.7	67.9	162.2
73	0.0	1.0	0.778	85.5	-60.7	12.2	61.9	168.6
74	0.0	1.0	0.838	85.8	-57.1	4.9	57.3	175.0
75	0.0	1.0	0.899	86.2	-53.2	-2.1	53.3	182.3
76	0.0	1.0	0.951	86.5	-49.9	-8.4	50.6	189.6
77	0.0	0.997	1.0	86.6	-45.9	-13.9	47.9	196.9
78	0.0	0.958	1.0	83.9	-42.0	-18.9	46.1	204.2
79	0.0	0.924	1.0	81.4	-38.3	-22.6	44.5	210.5
80	0.0	0.89	1.0	79.0	-34.2	-25.7	42.8	216.9

n=j	rgb'*Fde			LabCh'*Fde					DE'*Fde	$h_{siM,de}$
0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	360
1	0.055	0.084	0.134	6.1	0.8	-9.2	9.2	274.9	2.5	232
2	0.079	0.16	0.238	14.5	-0.9	-14.6	14.6	266.1	1.5	232
3	0.102	0.227	0.352	22.0	0.0	-21.6	21.6	269.8	0.8	232
4	0.112	0.3	0.473	29.6	0.1	-28.5	28.5	270.3	0.7	232
5	0.123	0.374	0.596	37.0	0.7	-35.2	35.2	271.1	0.4	232
6	0.08	0.451	0.726	44.4	0.3	-42.3	42.3	270.5	0.9	232
7	0.033	0.53	0.862	51.8	0.9	-49.4	49.4	271.1	0.5	232
8	0.0	0.609	1.0	59.2	2.0	-56.3	56.3	272.1	0.4	232
9	0.058	0.134	0.099	10.3	-10.2	3.4	10.7	161.2	2.3	193
10	0.061	0.121	0.133	9.5	-5.3	-3.8	6.5	216.0	1.2	215
11	0.078	0.191	0.237	17.3	-6.3	-10.2	12.0	238.1	1.6	223
12	0.102	0.261	0.353	24.8	-5.4	-17.4	18.2	252.5	0.7	226
13	0.099	0.334	0.474	32.2	-5.5	-24.6	25.2	257.3	0.8	227
14	0.096	0.41	0.598	39.7	-5.3	-31.2	31.7	260.2	0.8	228
15	0.065	0.488	0.728	47.1	-5.1	-38.3	38.6	262.4	0.7	229
16	0.0	0.568	0.863	54.5	-4.6	-45.3	45.5	264.1	0.2	229
17	0.0	0.65	1.0	62.0	-3.7	-51.8	51.9	265.9	0.7	230
18	0.083	0.239	0.18	21.1	-17.7	5.0	18.4	164.0	1.5	193
19	0.089	0.239	0.228	21.5	-13.6	-2.3	13.8	189.6	1.2	207
20	0.084	0.217	0.237	19.6	-10.0	-6.7	12.0	213.8	1.4	215
21	0.1	0.293	0.353	27.5	-10.4	-13.3	16.9	231.9	0.9	220
22	0.125	0.368	0.473	35.1	-9.7	-19.9	22.2	243.9	0.3	223
23	0.101	0.444	0.596	42.3	-10.4	-26.8	28.8	248.7	1.0	225
24	0.059	0.523	0.728	49.7	-10.2	-34.1	35.6	253.2	0.7	226
25	0.0	0.602	0.864	57.0	-9.3	-41.5	42.6	257.3	0.1	227
26	0.0	0.686	1.0	64.6	-8.7	-47.7	48.5	259.6	1.1	227
27	0.115	0.353	0.259	32.0	-24.9	7.8	26.1	162.5	0.6	193
28	0.114	0.353	0.313	32.3	-21.2	0.1	21.2	179.6	0.8	203
29	0.117	0.347	0.351	32.1	-17.4	-6.0	18.4	199.0	0.7	210
30	0.108	0.318	0.351	29.6	-13.8	-9.7	16.9	215.2	1.0	215
31	0.113	0.398	0.474	37.4	-14.3	-16.5	21.8	228.8	0.5	219
32	0.101	0.48	0.597	45.1	-15.2	-22.8	27.4	236.3	0.8	221
33	0.087	0.559	0.726	52.4	-14.9	-29.6	33.2	243.2	0.6	223
34	0.046	0.639	0.861	59.7	-14.2	-36.8	39.5	248.8	0.2	224
35	0.0	0.726	1.0	67.4	-13.9	-43.3	45.5	252.1	0.7	225
36	0.126	0.473	0.343	42.7	-32.9	10.5	34.5	162.2	0.6	193
37	0.127	0.473	0.401	43.0	-29.0	2.5	29.1	174.9	0.5	201
38	0.127	0.473	0.451	43.4	-25.5	-4.2	25.8	189.4	0.5	207
39	0.123	0.454	0.473	42.0	-21.6	-9.4	23.6	203.6	0.5	212
40	0.126	0.424	0.472	39.6	-17.6	-12.9	21.9	216.1	0.5	215
41	0.114	0.508	0.597	47.3	-18.7	-19.2	26.8	225.8	0.5	218
42	0.047	0.591	0.729	54.8	-19.4	-26.3	32.7	233.5	0.5	220
43	0.0	0.677	0.864	62.4	-19.2	-33.0	38.2	239.7	0.1	221
44	0.0	0.763	1.0	70.0	-18.7	-39.3	43.5	244.5	0.4	223
45	0.125	0.596	0.43	53.1	-40.6	12.7	42.5	162.5	0.2	193
46	0.127	0.596	0.492	53.5	-36.7	4.7	37.0	172.6	0.2	199
47	0.126	0.596	0.543	53.8	-33.2	-2.0	33.3	183.4	0.2	205
48	0.138	0.595	0.592	54.1	-29.3	-8.2	30.5	195.7	0.3	209
49	0.109	0.565	0.598	51.7	-25.9	-12.7	28.9	206.1	0.6	212
50	0.126	0.534	0.596	49.4	-21.9	-15.9	27.1	215.9	0.5	215
51	0.089	0.619	0.727	57.0	-22.6	-22.7	32.1	225.1	0.2	217
52	0.0	0.709	0.865	64.8	-23.2	-29.4	37.5	231.7	0.1	219
53	0.0	0.797	1.0	72.5	-23.0	-35.4	42.3	236.9	1.0	221
54	0.107	0.726	0.521	63.7	-48.6	15.2	50.9	162.5	0.3	193
55	0.095	0.726	0.582	64.0	-45.1	7.4	45.8	170.5	0.3	198
56	0.125	0.725	0.639	64.4	-40.8	0.3	40.9	179.4	0.2	203
57	0.088	0.726	0.692	64.7	-37.8	-6.3	38.4	189.5	0.4	207
58	0.105	0.713	0.726	64.1	-33.7	-11.9	35.7	199.4	0.3	210
59	0.074	0.679	0.729	61.5	-29.9	-16.2	34.1	208.4	0.4	213
60	0.104	0.647	0.726	59.1	-25.9	-19.4	32.4	216.8	0.3	215
61	0.027	0.737	0.863	66.8	-26.7	-26.0	37.3	224.2	0.1	217
62	0.0	0.831	1.0	74.8	-27.1	-31.8	41.8	229.5	1.0	219
63	0.052	0.861	0.611	74.4	-56.8	18.2	59.7	162.2	0.3	193
64	0.039	0.861	0.68	74.7	-53.0	9.8	53.9	169.4	0.3	198
65	0.059	0.861	0.738	75.1	-49.2	2.7	49.3	176.7	0.2	202
66	0.031	0.861	0.794	75.4	-45.7	-4.0	45.9	185.0	0.1	205
67	0.057	0.861	0.848	75.8	-41.7	-10.5	43.0	194.1	0.2	209
68	0.01	0.834	0.864	73.9	-37.9	-15.4	40.9	202.2	0.2	211
69	0.003	0.801	0.866	71.5	-34.0	-19.3	39.1	209.6	0.0	213
70	0.047	0.767	0.863	69.0	-30.1	-22.6	37.7	216.8	0.2	215
71	0.0	0.859	1.0	76.8	-30.5	-28.7	41.9	223.2	0.5	217
72	0.0	1.0	0.707	85.1	-64.3	20.9	67.6	162.0	0.3	193
73	0.0	1.0	0.779	85.5	-60.3	12.3	61.5	168.4	0.3	197
74	0.0	1.0	0.841	85.8	-56.6	5.0	56.9	174.8	0.4	201
75	0.0	1.0	0.901	86.2	-52.8	-2.0	52.8	182.2	0.4	204
76	0.0	1.0	0.955	86.5	-49.2	-8.4	49.9	189.6	0.6	207
77	0.0	0.997	1.0	86.6	-45.8	-13.8	47.9	196.8	0.1	210
78	0.0	0.959	1.0	83.9	-41.8	-17.9	45.4	203.1	1.0	212
79	0.0	0.925	1.0	81.5	-38.0	-21.5	43.7	209.5	1.1	213
80	0.0	0.89	1.0	79.0	-34.1	-25.3	42.5	216.6	0.4	215

delta E'* = 0.6

n=j	rgb*Mde			LabCh*Mde				
0	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
1	0.0	0.609	1.0	59.2	1.7	-56.6	56.6	271.7
2	0.0	0.609	1.0	59.2	1.7	-56.6	56.6	271.7
3	0.0	0.609	1.0	59.2	1.7	-56.6	56.6	271.7
4	0.0	0.609	1.0	59.2	1.7	-56.6	56.6	271.7
5	0.0	0.609	1.0	59.2	1.7	-56.6	56.6	271.7
6	0.0	0.609	1.0	59.2	1.7	-56.6	56.6	271.7
7	0.0	0.609	1.0	59.2	1.7	-56.6	56.6	271.7
8	0.0	0.609	1.0	59.2	1.7	-56.6	56.6	271.7
9	0.0	1.0	0.706	85.1	-64.6	20.7	67.9	162.2
10	0.0	0.89	1.0	79.0	-34.2	-25.7	42.8	216.9
11	0.0	0.763	1.0	70.0	-19.0	-39.6	43.9	244.3
12	0.0	0.71	1.0	66.3	-12.7	-45.7	47.4	254.3
13	0.0	0.685	1.0	64.5	-9.4	-48.6	49.5	258.9
14	0.0	0.67	1.0	63.4	-7.3	-50.3	50.8	261.6
15	0.0	0.659	1.0	62.7	-5.8	-51.3	51.7	263.5
16	0.0	0.654	1.0	62.4	-5.0	-51.8	52.1	264.4
17	0.0	0.649	1.0	62.0	-4.2	-52.3	52.5	265.3
18	0.0	1.0	0.706	85.1	-64.6	20.7	67.9	162.2
19	0.0	1.0	0.951	86.5	-49.9	-8.4	50.6	189.6
20	0.0	0.89	1.0	79.0	-34.2	-25.7	42.8	216.9
21	0.0	0.808	1.0	73.3	-25.2	-35.1	43.2	234.3
22	0.0	0.763	1.0	70.0	-19.0	-39.6	43.9	244.3
23	0.0	0.73	1.0	67.7	-15.1	-43.2	45.7	250.7
24	0.0	0.71	1.0	66.3	-12.7	-45.7	47.4	254.3
25	0.0	0.695	1.0	65.2	-10.8	-47.5	48.7	257.1
26	0.0	0.685	1.0	64.5	-9.4	-48.6	49.5	258.9
27	0.0	1.0	0.706	85.1	-64.6	20.7	67.9	162.2
28	0.0	1.0	0.88	86.0	-54.3	0.4	54.3	179.5
29	0.0	0.982	1.0	85.6	-44.5	-15.8	47.3	199.6
30	0.0	0.89	1.0	79.0	-34.2	-25.7	42.8	216.9
31	0.0	0.829	1.0	74.7	-27.7	-32.7	42.8	229.7
32	0.0	0.792	1.0	72.1	-23.0	-36.8	43.4	237.9
33	0.0	0.763	1.0	70.0	-19.0	-39.6	43.9	244.3
34	0.0	0.74	1.0	68.4	-16.1	-41.9	44.9	248.9
35	0.0	0.725	1.0	67.4	-14.5	-43.8	46.2	251.6
36	0.0	1.0	0.706	85.1	-64.6	20.7	67.9	162.2
37	0.0	1.0	0.838	85.8	-57.1	4.9	57.3	175.0
38	0.0	1.0	0.951	86.5	-49.9	-8.4	50.6	189.6
39	0.0	0.958	1.0	83.9	-42.0	-18.9	46.1	204.2
40	0.0	0.89	1.0	79.0	-34.2	-25.7	42.8	216.9
41	0.0	0.842	1.0	75.6	-29.1	-31.2	42.6	227.0
42	0.0	0.808	1.0	73.3	-25.2	-35.1	43.2	234.3
43	0.0	0.784	1.0	71.5	-21.9	-37.7	43.6	239.7
44	0.0	0.763	1.0	70.0	-19.0	-39.6	43.9	244.3
45	0.0	1.0	0.706	85.1	-64.6	20.7	67.9	162.2
46	0.0	1.0	0.812	85.7	-58.7	7.9	59.3	172.2
47	0.0	1.0	0.906	86.2	-52.8	-2.9	52.9	183.2
48	0.0	1.0	0.997	86.8	-46.4	-13.2	48.2	195.9
49	0.0	0.943	1.0	82.8	-40.5	-20.5	45.4	206.9
50	0.0	0.89	1.0	79.0	-34.2	-25.7	42.8	216.9
51	0.0	0.85	1.0	76.2	-29.9	-30.1	42.5	225.1
52	0.0	0.821	1.0	74.1	-26.7	-33.7	43.0	231.5
53	0.0	0.796	1.0	72.4	-23.6	-36.4	43.4	237.0
54	0.0	1.0	0.706	85.1	-64.6	20.7	67.9	162.2
55	0.0	1.0	0.795	85.6	-59.7	10.0	60.6	170.4
56	0.0	1.0	0.88	86.0	-54.3	0.4	54.3	179.5
57	0.0	1.0	0.951	86.5	-49.9	-8.4	50.6	189.6
58	0.0	0.982	1.0	85.6	-44.5	-15.8	47.3	199.6
59	0.0	0.933	1.0	82.1	-39.4	-21.6	44.9	208.7
60	0.0	0.89	1.0	79.0	-34.2	-25.7	42.8	216.9
61	0.0	0.854	1.0	76.5	-30.4	-29.6	42.4	224.2
62	0.0	0.829	1.0	74.7	-27.7	-32.7	42.8	229.7
63	0.0	1.0	0.706	85.1	-64.6	20.7	67.9	162.2
64	0.0	1.0	0.786	85.5	-60.2	11.1	61.2	169.5
65	0.0	1.0	0.855	85.9	-55.9	3.1	56.0	176.8
66	0.0	1.0	0.919	86.3	-52.1	-4.5	52.3	185.0
67	0.0	1.0	0.984	86.7	-47.4	-11.9	48.9	194.1
68	0.0	0.968	1.0	84.6	-43.0	-17.7	46.6	202.3
69	0.0	0.929	1.0	81.8	-38.8	-22.1	44.7	209.6
70	0.0	0.89	1.0	79.0	-34.2	-25.7	42.8	216.9
71	0.0	0.858	1.0	76.8	-30.8	-29.1	42.4	223.3
72	0.0	1.0	0.706	85.1	-64.6	20.7	67.9	162.2
73	0.0	1.0	0.778	85.5	-60.7	12.2	61.9	168.6
74	0.0	1.0	0.838	85.8	-57.1	4.9	57.3	175.0
75	0.0	1.0	0.899	86.2	-53.2	-2.1	53.3	182.3
76	0.0	1.0	0.951	86.5	-49.9	-8.4	50.6	189.6
77	0.0	0.997	1.0	86.6	-45.9	-13.9	47.9	196.9
78	0.0	0.958	1.0	83.9	-42.0	-18.9	46.1	204.2
79	0.0	0.924	1.0	81.4	-38.3	-22.6	44.5	210.5
80	0.0	0.89	1.0	79.0	-34.2	-25.7	42.8	216.9

5-1131934-F0 RN890-7N, 20/33-F

TUB-prøveplansje RN89; 16-trinns fargetonesirkel, *cf*=1
farger og fargeavstander, $\Delta E'*$

input: *rgb/cmyk* -> rgb_{de}
output: 3D-linearisering til $rgb*_{de}$

5-1131934-F0

http://130.149.60.45/~farbmetrik/RN89/RN89L0FP.PDF /.PS; 3D-linearisering
F: 3D-linearisering RN89/RN89LJ30FP.DAT i fil (F), side 21/33

n	HIC*Fde	rgb_Fde			ict_Fde			hsi_F,de	rgb*Fde			LabCh*Fde				
81	R00Y_012_012de	0.125	0.0	0.0	0.125	0.125	0.062	390	0.125	0.0	0.032	6.3	9.7	4.6	10.8	25.4
82	B50R_012_012de	0.125	0.0	0.125	0.125	0.125	0.062	330	0.125	0.0	0.123	7.1	11.7	−7.1	13.7	328.6
83	B25R_025_025de	0.125	0.0	0.25	0.25	0.25	0.125	300	0.0	0.067	0.25	9.5	13.1	−22.6	26.2	300.1
84	B15R_037_037de	0.125	0.0	0.375	0.375	0.375	0.187	289	0.0	0.165	0.375	17.9	10.1	−28.1	29.9	289.7
85	B11R_050_050de	0.125	0.0	0.5	0.5	0.5	0.25	284	0.0	0.25	0.5	25.9	9.1	−34.1	35.3	285.0
86	B09R_062_062de	0.125	0.0	0.625	0.625	0.625	0.312	281	0.0	0.327	0.625	33.3	8.9	−41.3	42.3	282.1
87	B07R_075_075de	0.125	0.0	0.75	0.75	0.75	0.375	279	0.0	0.404	0.75	40.8	8.7	−48.4	49.2	280.2
88	B06R_087_087de	0.125	0.0	0.875	0.875	0.875	0.437	278	0.0	0.478	0.875	48.1	9.1	−55.8	56.5	279.3
89	B05R_100_100de	0.125	0.0	1.0	1.0	1.0	0.5	277	0.0	0.554	1.0	55.5	9.2	−63.0	63.6	278.3
90	Y00G_012_012de	0.125	0.125	0.0	0.125	0.125	0.062	90	0.125	0.107	0.0	10.4	−0.4	10.5	10.5	92.3
91	NW_012de	0.125	0.125	0.125	0.125	0.0	0.125	360	0.125	0.125	0.125	11.9	0.0	0.0	0.0	0.0
92	B00R_025_012de	0.125	0.125	0.25	0.25	0.125	0.187	270	0.124	0.201	0.25	19.3	0.2	−7.0	7.0	271.7
93	B00R_037_025de	0.125	0.125	0.375	0.375	0.25	0.25	270	0.124	0.277	0.375	26.7	0.4	−14.1	14.1	271.7
94	B00R_050_037de	0.125	0.125	0.5	0.5	0.375	0.312	270	0.124	0.353	0.5	34.1	0.6	−21.2	21.2	271.7
95	B00R_062_050de	0.125	0.125	0.625	0.625	0.5	0.375	270	0.125	0.429	0.625	41.5	0.8	−28.3	28.3	271.7
96	B00R_075_062de	0.125	0.125	0.75	0.75	0.625	0.437	270	0.125	0.505	0.75	48.9	1.0	−35.3	35.3	271.7
97	B00R_087_075de	0.125	0.125	0.875	0.875	0.75	0.5	270	0.125	0.582	0.875	56.3	1.2	−42.4	42.4	271.7
98	B00R_100_087de	0.125	0.125	1.0	1.0	0.875	0.562	270	0.125	0.658	1.0	63.7	1.5	−49.5	49.5	271.7
99	Y50G_025_025de	0.125	0.25	0.0	0.25	0.25	0.125	120	0.132	0.25	0.0	21.4	−15.7	20.7	26.0	127.2
100	G00B_025_012de	0.125	0.25	0.125	0.25	0.125	0.187	150	0.124	0.25	0.213	22.5	−8.0	2.5	8.4	162.2
101	G50B_025_012de	0.125	0.25	0.25	0.25	0.125	0.187	210	0.124	0.236	0.25	21.8	−4.2	−3.2	5.3	216.9
102	G75B_037_025de	0.125	0.25	0.375	0.375	0.25	0.25	240	0.124	0.315	0.375	29.4	−4.7	−9.9	10.9	244.3
103	G84B_050_037de	0.125	0.25	0.5	0.5	0.375	0.312	251	0.124	0.391	0.5	36.8	−4.7	−17.1	17.8	254.3
104	G88B_062_050de	0.125	0.25	0.625	0.625	0.5	0.375	256	0.125	0.467	0.625	44.2	−4.7	−24.3	24.7	258.9
105	G90B_075_062de	0.125	0.25	0.75	0.75	0.625	0.437	259	0.125	0.543	0.75	51.6	−4.5	−31.4	31.7	261.6
106	G92B_087_075de	0.125	0.25	0.875	0.875	0.75	0.5	261	0.125	0.619	0.875	59.0	−4.3	−38.5	38.7	263.5
107	G93B_100_087de	0.125	0.25	1.0	1.0	0.875	0.562	262	0.125	0.698	1.0	66.5	−4.4	−45.3	45.6	264.4
108	Y68G_037_037de	0.125	0.375	0.0	0.375	0.375	0.187	131	0.0	0.375	0.102	31.4	−30.0	25.1	39.1	140.0
109	G00B_037_025de	0.125	0.375	0.125	0.375	0.25	0.25	150	0.124	0.375	0.301	33.2	−16.1	5.1	16.9	162.2
110	G25B_037_025de	0.125	0.375	0.25	0.375	0.25	0.25	180	0.124	0.375	0.362	33.5	−12.4	−2.1	12.6	189.6
111	G50B_037_025de	0.125	0.375	0.375	0.375	0.25	0.25	210	0.124	0.347	0.375	31.6	−8.5	−6.4	10.7	216.9
112	G65B_050_037de	0.125	0.375	0.5	0.5	0.375	0.312	229	0.124	0.428	0.5	39.4	−9.4	−13.1	16.2	234.3
113	G75B_062_050de	0.125	0.375	0.625	0.625	0.5	0.375	240	0.125	0.506	0.625	46.9	−9.5	−19.8	21.9	244.3
114	G80B_075_062de	0.125	0.375	0.75	0.75	0.625	0.437	247	0.125	0.581	0.75	54.2	−9.4	−27.0	28.6	250.7
115	G84B_087_075de	0.125	0.375	0.875	0.875	0.75	0.5	251	0.125	0.657	0.875	61.6	−9.5	−34.3	35.6	254.3
116	G86B_100_087de	0.125	0.375	1.0	1.0	0.875	0.562	254	0.125	0.733	1.0	69.0	−9.4	−41.5	42.6	257.1
117	Y76G_050_050de	0.125	0.5	0.0	0.5	0.5	0.25	136	0.0	0.5	0.218	42.0	−38.0	25.7	45.9	145.9
118	G00B_050_037de	0.125	0.5	0.125	0.5	0.375	0.312	150	0.124	0.5	0.389	43.8	−24.2	7.7	25.4	162.2
119	G15B_050_037de	0.125	0.5	0.25	0.5	0.375	0.312	169	0.124	0.5	0.455	44.2	−20.3	0.1	20.3	179.5
120	G34B_050_037de	0.125	0.5	0.375	0.5	0.375	0.312	191	0.124	0.493	0.5	44.0	−16.7	−5.9	17.7	199.6
121	G50B_050_037de	0.125	0.5	0.5	0.5	0.375	0.312	210	0.124	0.458	0.5	41.5	−12.8	−9.6	16.0	216.9
122	G61B_062_050de	0.125	0.5	0.625	0.625	0.5	0.375	224	0.125	0.539	0.625	49.3	−13.8	−16.3	21.4	229.7
123	G69B_075_062de	0.125	0.5	0.75	0.75	0.625	0.437	233	0.125	0.62	0.75	57.0	−14.4	−23.0	27.1	237.9
124	G75B_087_075de	0.125	0.5	0.875	0.875	0.75	0.5	240	0.125	0.697	0.875	64.4	−14.2	−29.7	32.9	244.3
125	G79B_100_087de	0.125	0.5	1.0	1.0	0.875	0.562	245	0.125	0.773	1.0	71.8	−14.1	−36.7	39.3	248.9
126	Y81G_062_062de	0.125	0.625	0.0	0.625	0.625	0.312	139	0.0	0.625	0.32	52.7	−45.8	27.1	53.2	149.4
127	G00B_062_050de	0.125	0.625	0.125	0.625	0.5	0.375	150	0.125	0.625	0.478	54.5	−32.3	10.3	33.9	162.2
128	G11B_062_050de	0.125	0.625	0.25	0.625	0.5	0.375	164	0.125	0.625	0.544	54.8	−28.5	2.4	28.6	175.0
129	G25B_062_050de	0.125	0.625	0.375	0.625	0.5	0.375	180	0.125	0.625	0.6	55.2	−24.9	−4.2	25.3	189.6
130	G38B_062_050de	0.125	0.625	0.5	0.625	0.5	0.375	196	0.125	0.604	0.625	53.8	−21.0	−9.4	23.0	204.2
131	G50B_062_050de	0.125	0.625	0.625	0.625	0.5	0.375	210	0.125	0.57	0.625	51.4	−17.1	−12.8	21.4	216.9
132	G59B_075_062de	0.125	0.625	0.75	0.75	0.625	0.437	221	0.125	0.651	0.75	59.2	−18.1	−19.5	26.6	227.0
133	G65B_087_075de	0.125	0.625	0.875	0.875	0.75	0.5	229	0.125	0.731	0.875	66.9	−18.9	−26.3	32.4	234.3
134	G70B_100_087de	0.125	0.625	1.0	1.0	0.875	0.562	235	0.125	0.811	1.0	74.5	−19.2	−32.9	38.1	239.7
135	Y85G_075_075de	0.125	0.75	0.0	0.75	0.75	0.375	141	0.0	0.75	0.414	63.3	−53.8	28.9	61.1	151.7
136	G00B_075_062de	0.125	0.75	0.125	0.75	0.625	0.437	150	0.125	0.75	0.566	65.1	−40.4	12.9	42.4	162.2
137	G09B_075_062de	0.125	0.75	0.25	0.75	0.625	0.437	161	0.125	0.75	0.632	65.4	−36.7	4.9	37.0	172.2
138	G19B_075_062de	0.125	0.75	0.375	0.75	0.625	0.437	173	0.125	0.75	0.691	65.8	−33.0	−1.8	33.1	183.2
139	G30B_075_062de	0.125	0.75	0.5	0.75	0.625	0.437	187	0.125	0.75	0.748	66.2	−29.0	−8.3	30.1	195.9
140	G40B_075_062de	0.125	0.75	0.625	0.75	0.625	0.437	199	0.125	0.714	0.75	63.7	−25.3	−12.8	28.4	206.9
141	G50B_075_062de	0.125	0.75	0.75	0.75	0.625	0.437	210	0.125	0.681	0.75	61.3	−21.4	−16.1	26.8	216.9
142	G57B_087_075de	0.125	0.75	0.875	0.875	0.75	0.5	219	0.125	0.762	0.875	69.1	−22.4	−22.6	31.9	225.1
143	G63B_100_087de	0.125	0.75	1.0	1.0	0.875	0.562	226	0.125	0.843	1.0	76.8	−23.3	−29.4	37.6	231.5
144	Y86G_087_087de	0.125	0.875	0.0	0.875	0.875	0.437	142	0.0	0.875	0.501	74.0	−62.1	31.7	69.7	152.9
145	G00B_087_075de	0.125	0.875	0.125	0.875	0.75	0.5	150	0.125	0.875	0.654	75.7	−48.5	15.5	50.9	162.2
146	G07B_087_075de	0.125	0.875	0.25	0.875	0.75	0.5	159	0.125	0.875	0.721	76.1	−44.8	7.5	45.4	170.4
147	G15B_087_075de	0.125	0.875	0.375	0.875	0.75	0.5	169	0.125	0.875	0.785	76.4	−40.7	0.3	40.7	179.5
148	G25B_087_075de	0.125	0.875	0.5	0.875	0.75	0.5	180	0.125	0.875	0.838	76.8	−37.4	−6.3	37.9	189.6
149	G34B_087_075de	0.125	0.875	0.625	0.875	0.75	0.5	191	0.125	0.861	0.875	76.1	−33.4	−11.9	35.4	199.6
150	G42B_087_075de	0.125	0.875	0.75	0.875	0.75	0.5	201	0.125	0.825	0.875	73.5	−29.5	−16.2	33.7	208.7
151	G50B_087_075de	0.125	0.875	0.875	0.875	0.75	0.5	210	0.125	0.792	0.875	71.2	−25.6	−19.3	32.1	216.9
152	G56B_100_087de	0.125	0.875	1.0	1.0	0.875	0.562	218	0.125	0.872	1.0	78.9	−26.6	−25.9	37.1	224.2
153	Y88G_100_100de	0.125	1.0	0.0	1.0	1.0	0.5	143	0.0	1.0	0.593	84.6	−70.0	34.0	77.9	154.0
154	G00B_100_087de	0.125	1.0	0.125	1.0	0.875	0.562	150	0.125	1.0	0.742	86.4	−56.5	18.1	59.4	162.2
155	G06B_100_087de	0.125	1.0	0.25	1.0	0.875	0.562	158	0.125	1.0	0.813	86.7	−52.7	9.7	53.6	169.5
156	G13B_100_087de	0.125	1.0	0.375	1.0	0.875	0.562	166	0.125	1.0	0.873	87.1	−48.9	2.7	49.0	176.8
157	G20B_100_087de	0.125	1.0	0.5	1.0	0.875	0.562	175	0.125	1.0	0.929	87.4	−45.5	−4.0	45.7	185.0
158	G29B_100_087de	0.125	1.0	0.625	1.0	0.875	0.562	185	0.125	1.0	0.986	87.8	−41.5	−10.4	42.8	194.1
159	G36B_100_087de	0.125	1.0	0.75	1.0	0.875	0.562	194	0.125	0.972	1.0	85.9	−37.7	−15.5	40.7	202.3
160	G43B_100_087de	0.125	1.0	0.875	1.0	0.875	0.562	202	0.125	0.937	1.0	83.5	−34.0	−19.3	39.1	209.6
161	G50B_100_087de	0.125	1.0	1.0	1.0	0.875	0.562	210	0.125	0.903	1.0	81.1	−29.9	−22.5	37.5	216.9

n	HIC*Fde	rgb'*Fde			LabCh'*Fde					DE'*Fde	hsiM,de	rgb*Mde			LabCh*Mde				
81	R00Y_012_012de	0.146	0.043	0.037	5.3	11.5	4.6	12.4	21.9	2.0	375	1.0	0.0	0.263	50.9	78.3	37.3	86.7	25.4
82	B50R_012_012de	0.137	0.052	0.133	6.1	14.1	−8.8	16.6	328.0	3.0	330	1.0	0.0	0.991	57.1	94.1	−57.4	110.3	328.6
83	B25R_025_025de	0.093	0.083	0.24	8.6	14.1	−24.3	28.1	300.2	2.1	254	0.0	0.27	1.0	38.2	52.7	−90.7	104.9	300.1
84	B15R_037_037de	0.101	0.173	0.354	17.7	9.4	−28.8	30.3	288.2	0.9	243	0.0	0.44	1.0	47.9	26.9	−75.0	79.7	289.7
85	B11R_050_050de	0.129	0.25	0.473	25.9	9.1	−34.4	35.6	284.8	0.2	239	0.0	0.5	1.0	51.8	18.3	−68.3	70.7	285.0
86	B09R_062_062de	0.101	0.324	0.597	33.2	8.1	−41.4	42.2	281.0	0.8	238	0.0	0.523	1.0	53.3	14.2	−66.1	67.7	282.1
87	B07R_075_075de	0.071	0.401	0.728	40.8	8.0	−48.3	49.0	279.4	0.7	237	0.0	0.539	1.0	54.4	11.7	−64.6	65.6	280.2
88	B06R_087_087de	0.0	0.478	0.864	48.1	8.7	−55.7	56.4	278.9	0.3	236	0.0	0.546	1.0	54.9	10.4	−63.8	64.6	279.3
89	B05R_100_100de	0.0	0.557	1.0	55.6	9.6	−62.0	62.7	278.8	1.0	236	0.0	0.554	1.0	55.5	9.2	−63.0	63.6	278.3
90	Y00G_012_012de	0.139	0.115	0.038	10.1	−0.3	11.5	11.5	91.7	1.0	82	1.0	0.856	0.0	83.7	−3.4	84.5	84.5	92.3
91	NW_012de	0.129	0.132	0.132	11.9	−0.2	0.0	0.2	198.6	0.2	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
92	B00R_025_012de	0.162	0.197	0.238	19.0	−0.7	−7.5	7.5	264.4	1.0	232	0.0	0.609	1.0	59.2	1.7	−56.6	56.6	271.7
93	B00R_037_025de	0.199	0.267	0.353	26.6	−0.3	−14.5	14.5	268.5	0.9	232	0.0	0.609	1.0	59.2	1.7	−56.6	56.6	271.7
94	B00R_050_037de	0.232	0.34	0.473	34.1	0.0	−21.5	21.5	270.2	0.6	232	0.0	0.609	1.0	59.2	1.7	−56.6	56.6	271.7
95	B00R_062_050de	0.261	0.416	0.597	41.5	0.2	−28.1	28.1	270.4	0.6	232	0.0	0.609	1.0	59.2	1.7	−56.6	56.6	271.7
96	B00R_075_062de	0.282	0.494	0.727	48.9	0.4	−35.1	35.1	270.7	0.6	232	0.0	0.609	1.0	59.2	1.7	−56.6	56.6	271.7
97	B00R_087_075de	0.294	0.573	0.863	56.2	0.9	−42.5	42.5	271.2	0.4	232	0.0	0.609	1.0	59.2	1.7	−56.6	56.6	271.7
98	B00R_100_087de	0.304	0.654	1.0	63.5	1.1	−49.3	49.4	271.3	0.4	232	0.0	0.609	1.0	59.2	1.7	−56.6	56.6	271.7
99	Y50G_025_025de	0.15	0.238	0.071	21.4	−16.8	21.9	27.6	127.4	1.6	118	0.528	1.0	0.0	85.9	−63.0	82.8	104.1	127.2
100	G00B_025_012de	0.165	0.239	0.208	22.4	−9.1	2.3	9.4	165.6	1.0	193	0.0	1.0	0.706	85.1	−64.6	20.7	67.9	162.2
101	G50B_025_012de	0.167	0.226	0.237	21.6	−5.1	−3.5	6.2	214.5	0.9	215	0.0	0.89	1.0	79.0	−34.2	−25.7	42.8	216.9
102	G75B_037_025de	0.199	0.301	0.352	29.3	−5.8	−10.2	11.7	240.2	1.1	223	0.0	0.763	1.0	70.0	−19.0	−39.6	43.9	244.3
103	G84B_050_037de	0.235	0.375	0.474	36.8	−5.1	−17.3	18.1	253.5	0.4	226	0.0	0.71	1.0	66.3	−12.7	−45.7	47.4	254.3
104	G88B_062_050de	0.256	0.453	0.598	44.2	−5.4	−24.1	24.7	257.3	0.6	227	0.0	0.685	1.0	64.5	−9.4	−48.6	49.5	258.9
105	G90B_075_062de	0.273	0.531	0.729	51.6	−5.1	−31.3	31.7	260.6	0.6	228	0.0	0.67	1.0	63.4	−7.3	−50.3	50.8	261.6
106	G92B_087_075de	0.287	0.61	0.864	58.8	−4.5	−38.7	38.9	263.3	0.2	229	0.0	0.659	1.0	62.7	−5.8	−51.3	51.7	263.5
107	G93B_100_087de	0.294	0.696	1.0	66.3	−4.9	−45.0	45.2	263.6	0.7	229	0.0	0.654	1.0	62.4	−5.0	−51.8	52.1	264.4
108	Y68G_037_037de	0.125	0.354	0.133	31.5	−30.4	25.4	39.7	140.1	0.5	165	0.0	1.0	0.273	83.8	−80.1	67.0	104.4	140.0
109	G00B_037_025de	0.203	0.354	0.289	33.1	−17.2	5.0	17.9	163.7	1.1	193	0.0	1.0	0.706	85.1	−64.6	20.7	67.9	162.2
110	G25B_037_025de	0.208	0.353	0.341	33.5	−13.4	−2.3	13.6	189.7	1.0	207	0.0	1.0	0.951	86.5	−49.9	−8.4	50.6	189.6
111	G50B_037_025de	0.204	0.329	0.351	31.6	−9.6	−6.7	11.7	214.7	1.1	215	0.0	0.89	1.0	79.0	−34.2	−25.7	42.8	216.9
112	G65B_050_037de	0.237	0.41	0.474	39.5	−10.0	−13.2	16.6	232.9	0.5	220	0.0	0.808	1.0	73.3	−25.2	−35.1	43.2	234.3
113	G75B_062_050de	0.266	0.489	0.596	47.0	−10.1	−19.6	22.0	242.7	0.6	223	0.0	0.763	1.0	70.0	−19.0	−39.6	43.9	244.3
114	G80B_075_062de	0.28	0.566	0.726	54.1	−9.9	−26.9	28.7	249.8	0.4	225	0.0	0.73	1.0	67.7	−15.1	−43.2	45.7	250.7
115	G84B_087_075de	0.287	0.648	0.864	61.5	−9.7	−34.4	35.8	254.2	0.2	226	0.0	0.71	1.0	66.3	−12.7	−45.7	47.4	254.3
116	G86B_100_087de	0.29	0.733	1.0	68.8	−10.0	−41.0	42.2	256.2	0.7	227	0.0	0.695	1.0	65.2	−10.8	−47.5	48.7	257.1
117	Y76G_050_050de	0.131	0.474	0.226	42.2	−38.6	26.1	46.6	145.8	0.7	175	0.0	1.0	0.436	84.1	−76.0	51.4	91.8	145.9
118	G00B_050_037de	0.245	0.475	0.375	44.0	−24.6	7.8	25.8	162.3	0.4	193	0.0	1.0	0.706	85.1	−64.6	20.7	67.9	162.2
119	G15B_050_037de	0.248	0.474	0.431	44.3	−20.9	0.1	20.9	179.6	0.5	203	0.0	1.0	0.88	86.0	−54.3	0.4	54.3	179.5
120	G34B_050_037de	0.251	0.468	0.472	44.1	−17.1	−5.9	18.1	199.2	0.4	210	0.0	0.982	1.0	85.6	−44.5	−15.8	47.3	199.6
121	G50B_050_037de	0.243	0.437	0.472	41.6	−13.4	−9.7	16.6	215.9	0.6	215	0.0	0.89	1.0	79.0	−34.2	−25.7	42.8	216.9
122	G61B_062_050de	0.264	0.52	0.597	49.3	−14.4	−16.1	21.6	228.3	0.5	219	0.0	0.829	1.0	74.7	−27.7	−32.7	42.8	229.7
123	G69B_075_062de	0.28	0.603	0.728	56.8	−14.7	−23.0	27.3	237.4	0.3	221	0.0	0.792	1.0	72.1	−23.0	−36.8	43.4	237.9
124	G75B_087_075de	0.299	0.687	0.862	64.3	−14.5	−29.8	33.2	244.0	0.3	223	0.0	0.763	1.0	70.0	−19.0	−39.6	43.9	244.3
125	G79B_100_087de	0.311	0.772	1.0	71.7	−14.4	−36.6	39.3	248.4	0.3	224	0.0	0.74	1.0	68.4	−16.1	−41.9	44.9	248.9
126	Y81G_062_062de	0.13	0.596	0.319	52.6	−46.1	27.1	53.5	149.5	0.3	180	0.0	1.0	0.513	84.3	−73.3	43.3	85.2	149.4
127	G00B_062_050de	0.269	0.598	0.463	54.4	−32.6	10.0	34.1	162.8	0.4	193	0.0	1.0	0.706	85.1	−64.6	20.7	67.9	162.2
128	G11B_062_050de	0.272	0.598	0.523	54.7	−28.8	2.2	28.8	175.6	0.3	201	0.0	1.0	0.838	85.8	−57.1	4.9	57.3	175.0
129	G25B_062_050de	0.276	0.597	0.574	55.1	−25.3	−4.3	25.6	189.6	0.3	207	0.0	1.0	0.951	86.5	−49.9	−8.4	50.6	189.6
130	G38B_062_050de	0.274	0.578	0.597	53.8	−21.4	−9.4	23.4	203.6	0.4	212	0.0	0.958	1.0	83.9	−42.0	−18.9	46.1	204.2
131	G50B_062_050de	0.271	0.547	0.595	51.4	−17.7	−12.7	21.8	215.7	0.6	215	0.0	0.89	1.0	79.0	−34.2	−25.7	42.8	216.9
132	G59B_075_062de	0.285	0.632	0.727	59.0	−18.3	−19.6	26.9	226.8	0.2	218	0.0	0.842	1.0	75.6	−29.1	−31.2	42.6	227.0
133	G65B_087_075de	0.29	0.721	0.865	66.7	−19.1	−26.4	32.6	234.0	0.3	220	0.0	0.808	1.0	73.3	−25.2	−35.1	43.2	234.3
134	G70B_100_087de	0.299	0.811	1.0	74.3	−19.8	−32.5	38.0	238.6	0.8	221	0.0	0.784	1.0	71.5	−21.9	−37.7	43.6	239.7
135	Y85G_075_075de	0.112	0.726	0.413	63.3	−54.0	28.7	61.1	152.0	0.2	183	0.0	1.0	0.553	84.5	−71.8	38.6	81.5	151.7
136	G00B_075_062de	0.291	0.729	0.554	65.0	−40.7	12.7	42.6	162.5	0.3	193	0.0	1.0	0.706	85.1	−64.6	20.7	67.9	162.2
137	G09B_075_062de	0.292	0.728	0.615	65.3	−37.0	5.0	37.3	172.3	0.3	199	0.0	1.0	0.812	85.7	−58.7	7.9	59.3	172.2
138	G19B_075_062de	0.296	0.728	0.67	65.7	−33.4	−1.8	33.4	183.2	0.3	205	0.0	1.0	0.906	86.2	−52.8	−2.9	52.9	183.2
139	G30B_075_062de	0.305	0.726	0.722	66.0	−29.4	−8.3	30.6	195.8	0.4	209	0.0	1.0	0.997	86.8	−46.4	−13.2	48.2	195.9
140	G40B_075_062de	0.291	0.693	0.728	63.5	−25.7	−12.9	28.7	206.6	0.4	212	0.0	0.943	1.0	82.8	−40.5	−20.5	45.4	206.9
141	G50B_075_062de	0.294	0.661	0.726	61.1	−21.7	−16.2	27.1	216.8	0.3	215	0.0	0.89	1.0	79.0	−34.2	−25.7	42.8	216.9
142	G57B_087_075de	0.303	0.752	0.863	69.0	−22.6	−22.7	32.1	225.1	0.2	217	0.0	0.85	1.0	76.2	−29.9	−30.1	42.5	225.1
143	G63B_100_087de	0.298	0.845	1.0	76.7	−24.0	−28.9	37.5	230.2	0.8	219	0.0	0.821	1.0	74.1	−26.7	−33.7	43.0	231.5
144	Y86G_087_087de	0.066	0.861	0.502	73.9	−62.2	31.4	69.7	153.1	0.3	184	0.0	1.0	0.573	84.6	−70.9	36.3	79.7	152.9
145	G00B_087_075de	0.307	0.864	0.646	75.7	−48.8	15.6	51.3	162.2	0.3	193	0.0	1.0	0.706	85.1	−64.6	20.7	67.9	162.2
146	G07B_087_075de	0.306	0.864	0.712	76.0	−45.2	7.6	45.9	170.4	0.4	198	0.0	1.0	0.795	85.6	−59.7	10.0	60.6	170.4
147	G15B_087_075de	0.318	0.863	0.772	76.3	−41.0	0.2	41.0	179.5	0.3	203	0.0	1.0	0.88	86.0	−54.3	0.4	54.3	179.5
148	G25B_087_075de	0.312	0.863	0.827	76.7	−37.8	−6.3	38.3	189.5	0.4	207	0.0	1.0	0.951	86.5	−49.9	−8.4	50.6	189.6
149	G34B_087_075de	0.319	0.85	0.862	76.0	−33.7	−11.9	35.7	199.5	0.3	210	0.0	0.982	1.0	85.6	−44.5	−15.8	47.3	199.6
150	G42B_087_075de	0.305	0.814	0.865	73.4	−29.9	−16.2	34.0	208.5	0.3	213	0.0	0.933	1.0	82.1	−39.4	−21.6	44.9	208.7
151	G50B_087_075de	0.312	0.781	0.863	71.1	−25.9	−19.4	32.3	216.8	0.2	215	0.0	0.89	1.0	79.0	−34.2	−25.7	42.8	216.9
152	G56B_100_087de	0.315	0.874	1.0	78.8	−26.9	−25.6	37.2	223.6	0.4	217	0.0	0.854	1.0	76.5	−30.4	−29.6	42.4	224.2
153	Y88G_100_100de	0.0	1.0	0.594	84.6	−69.9	34.2	77.8	153.9	0.2	186	0.0	1.0	0.593	84.6	−70.0	34.0	77.9	154.0
154	G00B_100_087de	0.32	1.0	0.744	86.1	−56.4	17.8	59.1	162.4	0.4	193	0.0	1.0	0.706	85.1	−64.6	20.7	67.9	162.2
155	G06B_100_087de	0.318	1.0	0.815	86.4	−52.6	9.3	53.4	169.8	0.4	198	0.0	1.0	0.786	85.5	−60.2	11.1	61.2	169.5
156	G13B_100_087de	0.329	1.0	0.874	86.8	−48.8	2.4	48.8	177.1	0.3	202	0.0	1.0	0.855	85.9	−55.9	3.1	56.0	176.8
157	G20B_100_087de	0.322	1.0	0.932	87.1	−45.4	−4.4	45.7	185.5	0.4	205	0.0	1.0	0.919	86.3	−52.1	−4.5	52.3	185.0
158	G29B_100_087de	0.338	1.0	0.987	87.6	−41.3	−10.7	42.7	194.6	0.3	209	0.0	1.0	0.984	86.7	−47.4	−11.9	48.9	194.1
159	G36B_100_087de	0.323	0.974	1.0	85.8	−38.2	−14.9	41.0	201.3	0.7	211	0.0	0.968	1.0	84.6	−43.0	−17.7	46.6	202.3
160	G43B_100_087de	0.313	0.94	1.0	83.4	−34.7	−18.6	39.4	208.2	1.0	213	0.0	0.929	1.0	81.8	−38.8	−22.1	44.7	209.6
161	G50B_100_087de	0.322	0.905	1.0	81.0	−30.4	−22.2	37.7	216.2	0.5	215	0.0	0.89	1.0	79.0	−34.2	−25.7	42.8	216.9

delta E'^* = 0.6

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TUB-prøveplansje RN89; 16-trinns fargetonesirkel, *cf*=1
farger og fargeavstander, $\Delta E'^*$

input: *rgb/cmyk* −> rgb_{de}
output: 3D-linearisering til rgb^*_{de}

n	HIC*Fde	rgb_Fde			ict_Fde			hsi_F,de	rgb*Fde			LabCh*Fde					rgb'*Fde			LabCh'*Fde					DE'*Fde	hsiM,de	rgb*Mde			LabCh*Mde				
162	R00Y_025_025de	0.25	0.0	0.0	0.25	0.25	0.125	390	0.25	0.0	0.065	12.7	19.5	9.3	21.6	25.4	0.248	0.077	0.076	12.1	20.4	10.6	23.0	27.4	1.6	375	1.0	0.0	0.263	50.9	78.3	37.3	86.7	25.4
163	R00Y_025_025de	0.25	0.0	0.125	0.25	0.25	0.125	360	0.25	0.0	0.154	13.2	20.9	−2.9	21.1	352.0	0.241	0.08	0.162	12.6	21.8	−4.0	22.2	349.6	1.5	352	1.0	0.0	0.617	52.9	83.6	−11.6	84.4	352.0
164	B50R_025_025de	0.25	0.0	0.25	0.25	0.25	0.125	330	0.25	0.0	0.247	14.2	23.5	−14.3	27.5	328.6	0.241	0.086	0.237	13.7	24.5	−15.3	28.9	327.9	1.4	330	1.0	0.0	0.991	57.1	94.1	−57.4	110.3	328.6
165	B34R_037_037de	0.25	0.0	0.375	0.375	0.375	0.187	311	0.166	0.0	0.375	13.9	29.6	−34.5	45.5	310.5	0.187	0.069	0.353	13.1	30.7	−36.1	47.4	310.3	2.0	296	0.444	0.0	1.0	37.0	79.0	−92.2	121.5	310.5
166	B25R_050_050de	0.25	0.0	0.5	0.5	0.5	0.25	300	0.0	0.135	0.5	19.1	26.3	−45.3	52.4	300.1	0.131	0.148	0.474	18.9	26.6	−46.0	53.1	300.0	0.7	254	0.0	0.27	1.0	38.2	52.7	−90.7	104.9	300.1
167	B19R_062_062de	0.25	0.0	0.625	0.625	0.625	0.312	293	0.0	0.245	0.625	28.0	21.7	−49.8	54.3	293.5	0.129	0.248	0.597	28.0	21.5	−49.8	54.2	293.3	0.2	247	0.0	0.392	1.0	44.9	34.7	−79.7	86.9	293.5
168	B15R_075_075de	0.25	0.0	0.75	0.75	0.75	0.375	289	0.0	0.33	0.75	35.9	20.2	−56.2	59.8	289.7	0.078	0.33	0.728	35.7	19.6	−56.4	59.8	289.2	0.5	243	0.0	0.44	1.0	47.9	26.9	−75.0	79.7	289.7
169	B13R_087_087de	0.25	0.0	0.875	0.875	0.875	0.437	286	0.0	0.416	0.875	43.9	18.9	−62.2	65.0	286.9	0.043	0.417	0.862	44.0	18.4	−62.1	64.8	286.5	0.5	241	0.0	0.476	1.0	50.2	21.6	−71.1	74.3	286.9
170	B11R_100_100de	0.25	0.0	1.0	1.0	1.0	0.5	284	0.0	0.5	1.0	51.8	18.3	−68.3	70.7	285.0	0.0	0.502	1.0	51.9	18.0	−68.0	70.4	284.8	0.3	239	0.0	0.5	1.0	51.8	18.3	−68.3	70.7	285.0
171	R50Y_025_025de	0.25	0.125	0.0	0.25	0.25	0.125	60	0.25	0.121	0.0	15.7	10.6	17.7	20.6	58.8	0.247	0.138	0.042	15.6	10.4	19.2	21.9	61.4	1.5	59	1.0	0.487	0.0	63.1	42.7	70.8	82.7	58.8
172	R00Y_025_012de	0.25	0.125	0.125	0.25	0.125	0.187	390	0.25	0.124	0.157	18.2	9.7	4.6	10.8	25.4	0.247	0.163	0.16	18.0	9.4	4.3	10.4	24.7	0.5	375	1.0	0.0	0.263	50.9	78.3	37.3	86.7	25.4
173	B50R_025_012de	0.25	0.125	0.25	0.25	0.125	0.187	330	0.25	0.124	0.248	19.0	11.7	−7.1	13.7	328.6	0.239	0.168	0.237	18.8	11.6	−7.6	13.8	326.6	0.5	330	1.0	0.0	0.991	57.1	94.1	−57.4	110.3	328.6
174	B25R_037_025de	0.25	0.125	0.375	0.375	0.25	0.25	300	0.124	0.192	0.375	21.4	13.1	−22.6	26.2	300.1	0.206	0.192	0.355	21.0	12.8	−23.5	26.7	298.6	0.9	254	0.0	0.27	1.0	38.2	52.7	−90.7	104.9	300.1
175	B15R_050_037de	0.25	0.125	0.5	0.5	0.375	0.312	289	0.124	0.29	0.5	29.9	10.1	−28.1	29.9	289.7	0.235	0.281	0.475	29.8	9.7	−28.5	30.1	288.7	0.5	243	0.0	0.44	1.0	47.9	26.9	−75.0	79.7	289.7
176	B11R_062_050de	0.25	0.125	0.625	0.625	0.5	0.375	284	0.125	0.375	0.625	37.8	9.1	−34.1	35.3	285.0	0.266	0.363	0.597	37.8	8.7	−34.1	35.2	284.3	0.4	239	0.0	0.5	1.0	51.8	18.3	−68.3	70.7	285.0
177	B09R_075_062de	0.25	0.125	0.75	0.75	0.625	0.437	281	0.125	0.452	0.75	45.3	8.9	−41.3	42.3	282.1	0.278	0.441	0.729	45.2	8.2	−41.2	42.0	281.2	0.6	238	0.0	0.523	1.0	53.3	14.2	−66.1	67.7	282.1
178	B07R_087_075de	0.25	0.125	0.875	0.875	0.75	0.5	279	0.125	0.529	0.875	52.7	8.7	−48.4	49.2	280.2	0.29	0.522	0.865	52.7	8.2	−48.4	49.1	279.6	0.5	237	0.0	0.539	1.0	54.4	11.7	−64.6	65.6	280.2
179	B06R_100_087de	0.25	0.125	1.0	1.0	0.875	0.562	278	0.125	0.603	1.0	60.0	9.1	−55.8	56.5	279.3	0.295	0.6	1.0	59.8	8.5	−55.3	55.9	278.7	0.8	236	0.0	0.546	1.0	54.9	10.4	−63.8	64.6	279.3
180	Y00G_025_025de	0.25	0.25	0.0	0.25	0.25	0.125	90	0.25	0.214	0.0	20.9	−0.8	21.1	21.1	92.3	0.24	0.207	0.065	20.7	−1.5	22.6	22.6	93.8	1.6	82	1.0	0.856	0.0	83.7	−3.4	84.5	84.5	92.3
181	Y00G_025_012de	0.25	0.25	0.125	0.25	0.125	0.187	90	0.25	0.232	0.124	22.3	−0.4	10.5	10.5	92.3	0.24	0.221	0.158	22.2	−1.0	10.4	10.5	95.4	0.6	82	1.0	0.856	0.0	83.7	−3.4	84.5	84.5	92.3
182	NW_025de	0.25	0.25	0.25	0.25	0.0	0.25	360	0.25	0.25	0.25	23.8	0.0	0.0	0.0	0.0	0.232	0.236	0.237	23.7	−0.4	−0.2	0.4	207.2	0.4	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
183	B00R_037_012de	0.25	0.25	0.375	0.375	0.125	0.312	270	0.249	0.326	0.375	31.2	0.2	−7.0	7.0	271.7	0.276	0.308	0.352	31.1	−0.4	−7.3	7.3	266.8	0.6	232	0.0	0.609	1.0	59.2	1.7	−56.6	56.6	271.7
184	B00R_050_025de	0.25	0.25	0.5	0.5	0.25	0.375	270	0.249	0.402	0.5	38.6	0.4	−14.1	14.1	271.7	0.32	0.382	0.473	38.6	0.0	−14.4	14.4	269.8	0.5	232	0.0	0.609	1.0	59.2	1.7	−56.6	56.6	271.7
185	B00R_062_037de	0.25	0.25	0.625	0.625	0.375	0.437	270	0.25	0.478	0.625	46.0	0.6	−21.2	21.2	271.7	0.359	0.459	0.597	46.0	0.0	−21.0	21.0	270.0	0.6	232	0.0	0.609	1.0	59.2	1.7	−56.6	56.6	271.7
186	B00R_075_050de	0.25	0.25	0.75	0.75	0.5	0.5	270	0.25	0.554	0.75	53.4	0.8	−28.3	28.3	271.7	0.394	0.538	0.728	53.4	0.4	−28.1	28.1	270.8	0.4	232	0.0	0.609	1.0	59.2	1.7	−56.6	56.6	271.7
187	B00R_087_062de	0.25	0.25	0.875	0.875	0.625	0.562	270	0.25	0.63	0.875	60.8	1.0	−35.3	35.3	271.7	0.424	0.617	0.864	60.7	1.0	−35.5	35.5	271.6	0.2	232	0.0	0.609	1.0	59.2	1.7	−56.6	56.6	271.7
188	B00R_100_075de	0.25	0.25	1.0	1.0	0.75	0.625	270	0.25	0.707	1.0	68.2	1.2	−42.4	42.4	271.7	0.45	0.701	1.0	68.1	0.9	−42.1	42.1	271.2	0.5	232	0.0	0.609	1.0	59.2	1.7	−56.6	56.6	271.7
189	Y31G_037_037de	0.25	0.375	0.0	0.375	0.375	0.187	109	0.302	0.375	0.0	33.5	−14.8	32.6	35.8	114.4	0.292	0.35	0.089	33.4	−15.5	33.4	36.9	114.9	1.0	100	0.806	1.0	0.0	89.4	−39.5	87.0	95.6	114.4
190	Y50G_037_025de	0.25	0.375	0.125	0.375	0.25	0.25	120	0.257	0.375	0.124	33.4	−15.7	20.7	26.0	127.2	0.264	0.353	0.185	33.4	−16.5	21.0	26.7	128.0	0.8	118	0.528	1.0	0.0	85.9	−63.0	82.8	104.1	127.2
191	G00B_037_012de	0.25	0.375	0.25	0.375	0.125	0.312	150	0.249	0.375	0.338	34.4	−8.0	2.5	8.4	162.2	0.279	0.353	0.32	34.4	−8.7	2.4	9.1	164.6	0.7	193	0.0	1.0	0.706	85.1	−64.6	20.7	67.9	162.2
192	G50B_037_012de	0.25	0.375	0.375	0.375	0.125	0.312	210	0.249	0.361	0.375	33.7	−4.2	−3.2	5.3	216.9	0.281	0.34	0.351	33.6	−4.9	−3.4	6.0	215.0	0.6	215	0.0	0.89	1.0	79.0	−34.2	−25.7	42.8	216.9
193	G75B_050_025de	0.25	0.375	0.5	0.5	0.25	0.375	240	0.249	0.44	0.5	41.3	−4.7	−9.9	10.9	244.3	0.321	0.419	0.472	41.3	−5.4	−10.1	11.5	241.8	0.7	223	0.0	0.763	1.0	70.0	−19.0	−39.6	43.9	244.3
194	G84B_062_037de	0.25	0.375	0.625	0.625	0.375	0.437	251	0.25	0.516	0.625	48.7	−4.7	−17.1	17.8	254.3	0.36	0.497	0.597	48.8	−5.2	−16.9	17.7	252.7	0.5	226	0.0	0.71	1.0	66.3	−12.7	−45.7	47.4	254.3
195	G88B_075_050de	0.25	0.375	0.75	0.75	0.5	0.5	256	0.25	0.592	0.75	56.1	−4.7	−24.3	24.7	258.9	0.39	0.575	0.729	56.0	−5.0	−24.2	24.8	258.2	0.3	227	0.0	0.685	1.0	64.5	−9.4	−48.6	49.5	258.9
196	G90B_087_062de	0.25	0.375	0.875	0.875	0.625	0.562	259	0.25	0.668	0.875	63.5	−4.5	−31.4	31.7	261.6	0.418	0.657	0.865	63.3	−4.7	−31.6	31.9	261.5	0.2	228	0.0	0.67	1.0	63.4	−7.3	−50.3	50.8	261.6
197	G92B_100_075de	0.25	0.375	1.0	1.0	0.75	0.625	261	0.25	0.744	1.0	70.9	−4.3	−38.5	38.7	263.5	0.446	0.741	1.0	70.7	−4.7	−38.0	38.3	262.8	0.6	229	0.0	0.659	1.0	62.7	−5.8	−51.3	51.7	263.5
198	Y50G_050_050de	0.25	0.5	0.0	0.5	0.5	0.25	120	0.264	0.5	0.0	42.9	−31.5	41.4	52.0	127.2	0.273	0.472	0.095	43.0	−32.2	42.2	53.1	127.3	1.0	118	0.528	1.0	0.0	85.9	−63.0	82.8	104.1	127.2
199	Y68G_050_037de	0.25	0.5	0.125	0.5	0.375	0.312	131	0.124	0.5	0.227	43.3	−30.0	25.1	39.1	140.0	0.252	0.476	0.246	43.5	−30.4	25.3	39.6	140.1	0.4	165	0.0	1.0	0.273	83.8	−80.1	67.0	104.4	140.0
200	G00B_050_025de	0.25	0.5	0.25	0.5	0.25	0.375	150	0.249	0.5	0.426	45.1	−16.1	5.1	16.9	162.2	0.325	0.475	0.407	45.1	−16.8	5.0	17.5	163.4	0.6	193	0.0	1.0	0.706	85.1	−64.6	20.7	67.9	162.2
201	G25B_050_025de	0.25	0.5	0.375	0.5	0.25	0.375	180	0.249	0.5	0.487	45.4	−12.4	−2.1	12.6	189.6	0.329	0.474	0.461	45.5	−13.1	−2.2	13.3	189.8	0.7	207	0.0	1.0	0.951	86.5	−49.9	−8.4	50.6	189.6
202	G50B_050_025de	0.25	0.5	0.5	0.5	0.25	0.375	210	0.249	0.472	0.5	43.6	−8.5	−6.4	10.7	216.9	0.324	0.448	0.471	43.6	−9.3	−6.6	11.5	215.3	0.8	215	0.0	0.89	1.0	79.0	−34.2	−25.7	42.8	216.9
203	G65B_062_037de	0.25	0.5	0.625	0.625	0.375	0.437	229	0.25	0.553	0.625	51.3	−9.4	−13.1	16.2	234.3	0.364	0.532	0.597	51.4	−9.9	−12.9	16.3	232.5	0.5	220	0.0	0.808	1.0	73.3	−25.2	−35.1	43.2	234.3
204	G75B_075_050de	0.25	0.5	0.75	0.75	0.5	0.5	240	0.25	0.631	0.75	58.8	−9.5	−19.8	21.9	244.3	0.4	0.612	0.727	58.7	−9.5	−19.8	22.0	244.2	0.1	223	0.0	0.763	1.0	70.0	−19.0	−39.6	43.9	244.3
205	G80B_087_062de	0.25	0.5	0.875	0.875	0.625	0.562	247	0.25	0.706	0.875	66.1	−9.4	−27.0	28.6	250.7	0.425	0.695	0.863	66.0	−9.6	−27.1	28.8	250.5	0.2	225	0.0	0.73	1.0	67.7	−15.1	−43.2	45.7	250.7
206	G84B_100_075de	0.25	0.5	1.0	1.0	0.75	0.625	251	0.25	0.782	1.0	73.6	−9.5	−34.3	35.6	254.3	0.446	0.781	1.0	73.4	−10.0	−33.8	35.3	253.4	0.6	226	0.0	0.71	1.0	66.3	−12.7	−45.7	47.4	254.3
207	Y61G_062_062de	0.25	0.625	0.0	0.625	0.625	0.312	127	0.082	0.625	0.0	52.3	−50.8	50.0	71.3	135.4	0.159	0.596	0.093	52.2	−51.3	50.6	72.0	135.4	0.7	142	0.132	1.0	0.0	83.7	−81.2	80.1	114.1	135.4
208	Y76G_062_050de	0.25	0.625	0.125	0.625	0.5	0.375	136	0.125	0.625	0.343	54.0	−38.0	25.7	45.9	145.9	0.272	0.599	0.344	53.9	−38.3	25.6	46.1	146.2	0.3	175	0.0	1.0	0.436	84.1	−76.0	51.4	91.8	145.9
209	G00B_062_037de	0.25	0.625	0.25	0.625	0.375	0.437	150	0.25	0.625	0.514	55.7	−24.2	7.7	25.4	162.2	0.37	0.599	0.497	55.7	−24.1	7.4	25.3	162.8	0.3	193	0.0	1.0	0.706	85.1	−64.6	20.7	67.9	162.2
210	G15B_062_037de	0.25	0.625	0.375	0.625	0.375	0.437	169	0.25	0.625	0.58	56.1	−20.3	0.1	20.3	179.5	0.375	0.598	0.554	56.0	−20.4	0.0	20.4	179.9	0.1	203	0.0	1.0	0.88	86.0	−54.3	0.4	54.3	179.5
211	G34B_062_037de	0.25	0.625	0.5	0.625	0.375	0.437	191	0.25	0.618	0.625	55.9	−16.7	−5.9	17.7	199.6	0.379	0.591	0.595	55.8	−16.8	−5.9	17.9	199.3	0.1	210	0.0	0.982	1.0	85.6	−44.5	−15.8	47.3	199.6
212	G50B_062_037de	0.25	0.625	0.625	0.625	0.375	0.437	210	0.25	0.583	0.625	53.5	−12.8	−9.6	16.0	216.9	0.371	0.559	0.595	53.4	−13.2	−9.5	16.3	215.8	0.3	215	0.0	0.89	1.0	79.0	−34.2	−25.7	42.8	216.9
213	G61B_075_050de	0.25	0.625	0.75	0.75	0.5	0.5	224	0.25	0.664	0.75	61.2	−13.8	−16.3	21.4	229.7	0.399	0.645	0.728	61.0	−13.9	−16.4	21.5	229.6	0.2	219	0.0	0.829	1.0	74.7	−27.7	−32.7	42.8	229.7
214	G69B_087_062de	0.25	0.625	0.875	0.875	0.625	0.562	233	0.25	0.745	0.875	68.9	−14.4	−23.0	27.1	237.9	0.425	0.734	0.864	68.7	−14.5	−23.1	27.3	237.7	0.2	221	0.0	0.792	1.0	72.1	−23.0	−36.8	43.4	237.9
215	G75B_100_075de	0.25	0.625	1.0	1.0	0.75	0.625	240	0.25	0.822	1.0	76.3	−14.2	−29.7	32.9	244.3	0.457	0.821	1.0	76.2	−14.6	−29.4	32.9	243.6	0.4	223	0.0	0.763	1.0	70.0	−19.0	−39.6	43.9	244.3
216	Y68G_075_075de	0.25	0.75	0.0	0.75	0.75	0.375	131	0.0	0.75	0.204	62.8	−60.1	50.2	78.3	140.0	0.129	0.726	0.217	62.8	−60.2	50.6	78.6	139.9	0.3	165	0.0	1.0	0.273	83.8	−80.1	67.0	104.4	140.0
217	Y81G_075_062de	0.25	0.75	0.125	0.75	0.625	0.437	139	0.125	0.75	0.445	64.6	−45.8	27.1	53.2	149.4	0.294	0.729	0.441	64.5	−46.1	26.8	53.4	149.7	0.3	180	0.0	1.0	0.513	84.3	−73.3	43.3	85.2	149.4
218	G00B_075_050de	0.25	0.75	0.25	0.75	0.5	0.5	150	0.25	0.75	0.603	66.4	−32.3	10.3	33.9	162.2	0.404	0.73	0.587	66.3	−32.5	10.3	34.1	162.4	0.2	193	0.0	1.0	0.706	85.1	−64.6	20.7	67.9	162.2
219	G11B_075_050de	0.25	0.75	0.375	0.75	0.5	0.5	164	0.25	0.75	0.669	66.7	−28.5	2.4	28.6	175.0	0.409	0.729	0.649	66.6	−28.7	2.5	28.8	174.9	0.1	201	0.0	1.0	0.838	85.8	−57.1	4.9	57.3	175.0
220	G25B_075_050de	0.25	0.75	0.5	0.75	0.5	0.5	180	0.25	0.75	0.725	67.1	−24.9	−4.2	25.3	189.6	0.413	0.728	0.703	67.0	−25.1	−4.2	25.5	189.4	0.2	207	0.0	1.0	0.951	86.5	−49.9	−8.4	50.6	189.6
221	G38B_075_050de	0.25	0.75	0.625	0.75	0.5	0.5	196	0.25	0.729	0.75	65.8	−21.0	−9.4	23.0	204.2	0.411	0.708	0.727	65.6	−21.2	−9.4	23.2	204.0	0.2	212	0.0	0.958	1.0	83.9	−42.0	−18.9	46.1	204.2
222	G50B_075_050de	0.25	0.75	0.75	0.75	0.5	0.5	210	0.25	0.695	0.75	63.3	−17.1	−12.8	21.4	216.9	0.408	0.674	0.726	63.2	−17.3	−12.9	21.6	216.8	0.2	215	0.0	0.89	1.0	79.0	−34.2	−25.7	42.8	216.9
223	G59B_087_062de	0.25	0.75	0.875	0.875	0.625	0.562	221	0.25	0.776	0.875	71.1	−18.1	−19.5	26.6	227.0	0.431	0.765	0.863	71.0	−18.3	−19.6	26.8	226.9	0.2	218	0.0	0.842	1.0	75.6	−29.1	−31.2	42.6	227.0
224	G65B_100_075de	0.25	0.75	1.0	1.0	0.75	0.625	229	0.25	0.856	1.0	78.8	−18.9	−26.3	32.4	234.3	0.453	0.857	1.0	78.7	−19.3	−25.7	32.2	233.0	0.7	220	0.0	0.808	1.0	73.3	−25.2	−35.1	43.2	234.3
225	Y73G_087_087de	0.25	0.875	0.0	0.875	0.875	0.437	134	0.0	0.875	0.335	73.5	−67.9	50.0	84.3	143.5	0.079	0.861	0.336	73.4	−68.2	50.1	84.6	143.6	0.3	172	0.0	1.0	0.383	84.0	−77.6	57.2	96.4	143.5
226	Y85G_087_075de	0.25	0.875	0.125	0.875	0.75	0.5	141	0.125	0.875	0.539	75.3	−53.8	28.9	61.1	151.7	0.309	0.864	0.538	75.2	−54.1	28.7	61.2	152.0	0.3	183	0.0	1.0	0.553	84.5	−71.8	38.6	81.5	151.7
227	G00B_087_062de	0.25	0.875	0.25	0.875	0.625	0.562	150	0.25	0.875	0.691	77.0	−40.4	12.9	42.4	162.2	0.436	0.866	0.681	76.9	−40.7	13.0	42.7	162.2	0.3	193	0.0	1.0	0.706	85.1	−64.6	20.7	67.9	162.2
228	G09B_087_062de	0.25	0.875	0.375	0.875	0.625	0.562	161	0.25	0.875	0.757	77.4	−36.7	4.9	37.0	172.2	0.44	0.865	0.747	77.3	−36.9	5.0	37.2	172.2	0.1	199	0.0	1.0	0.812	85.7	−58.7	7.9	59.3	172.2
229	G19B_087_062de	0.25	0.875	0.5	0.875	0.625	0.562	173	0.25	0.875	0.816	77.7	−33.0	−1.8	33.1	183.2	0.444	0.865	0.804	77.6	−33.3	−1.9	33.3	183.2	0.2	205	0.0	1.0	0.906	86.2	−52.8	−2.9	52.9	183.2
230	G30B_087_062de	0.25	0.875	0.625	0.875	0.625	0.562	187	0.25	0.875	0.873	78.1	−29.0	−8.3	30.1	195.9	0.457	0.863	0.858	78.0	−29.1	−8.3	30.3	195.9	0.1	209	0.0	1.0	0.997	86.8	−46.4	−13.2	48.2	195.9
231	G40B_087_062de	0.25	0.875	0.75	0.875	0.625	0.562	199	0.25	0.839	0.875	75.6	−25.3	−12.8	28.4	206.9	0.44	0.829	0.864	75.5	−25.6	−12.9	28.6	206.7	0.3	212	0.0	0.943	1.0	82.8	−40.5	−20.5	45.4	206.9
232	G50B_087_062de	0.25	0.875	0.875	0.875	0.625	0.562	210	0.25	0.806	0.875	73.2	−21.4	−16.1	26.8	216.9	0.44	0.795	0.862	73.1	−21.6	−16.2	27.0	216.8	0.2	215	0.0	0.89	1.0	79.0	−34.2	−25.7	42.8	216.9
233	G57B_100_075de	0.25	0.875	1.0	1.0	0.75	0.625	219	0.25	0.887	1.0	81.0	−22.4	−22.6	31.9	225.1	0.463	0.889	1.0	80.9	−22.7	−22.3	31.8	224.3	0.4	217	0.0	0.85	1.0	76.2	−29.9	−30.1	42.5	225.1
234	Y76G_100_100de	0.25	1.0	0.0	1.0	1.0	0.5	136	0.0	1.0	0.436	84.1	−76.0	51.4	91.8	145.9	0.0	1.0	0.439	84.1	−75.8	51.4	91.6	145.8	0.1	175	0.0	1.0	0.436	84.1	−76.0	51.4	91.8	145.9
235	Y86G_100_087de	0.25	1.0	0.125	1.0	0.875	0.562	142	0.125	1.0	0.626	85.9	−62.1	31.7	69.7	152.9	0.323	1.0	0.623	85.5	−62.1	32.0	69.9	152.7	0.4	184	0.0	1.0	0.573	84.6	−70.9	36.3	79.7	152.9
236	G00B_100_075de	0.25	1.0	0.25	1.0	0.75	0.625	150	0.25	1.0	0.779	87.7	−48.5	15.5	50.9	162.2	0.467	1.0	0.78	87.2	−48.0	14.9	50.2	162.6	0.8	193	0.0	1.0	0.706	85.1	−64.6	20.7	67.9	162.2
237	G07B_100_075de	0.25	1.0	0.375	1.0	0.75	0.625	159	0.25	1.0	0.846	88.0	−44.8	7.5	45.4	170.4	0.468	1.0	0.848	87.6	−44.3	6.9	44.8	171.0	0.8	198	0.0	1.0	0.795	85.6	−59.7	10.0	60.6	170.4
238	G15B_100_075de	0.25	1.0	0.5	1.0	0.75	0.625	169	0.25	1.0	0.91	88.4	−40.7	0.3	40.7	179.5	0.479	1.0	0.909	88.0	−40.3	−0.1	40.3	180.2	0.7	203	0.0	1.0	0.88	86.0	−54.3	0.4	54.3	179.5
239	G25B_100_075de	0.25	1.0	0.625	1.0	0.75	0.625	180	0.25	1.0	0.963	88.7	−37.4	−6.3	37.9	189.6	0.478	1.0	0.966	88.4	−36.9	−6.8	37.6	190.4	0.7	207	0.0	1.0	0.951	86.5	−49.9	−8.4	50.6	189.6
240	G34B_100_075de	0.25	1.0	0.75	1.0	0.75	0.625	191	0.25	0.986	1.0	88.0	−33.4	−11.9	35.4	199.6	0.484	0.99	1.0	88.0	−33.5	−11.6	35.5	199.0	0.3	210	0.0	0.982	1.0	85.6	−44.5	−15.8	47.3	199.6
241	G42B_100_075de	0.25	1.0	0.875	1.0	0.75	0.625	201	0.25	0.95	1.0	85.4	−29.5	−16.2	33.7	208.7	0.469	0.953	1.0	85.4	−30.0	−15.5	33.8	207.3	0.8	213	0.0	0.933	1.0	82.1	−39.4	−21.6	44.9	208.7
242	G50B_100_075de	0.25	1.0	1.0	1.0	0.75	0.625	210	0.25	0.917	1.0	83.1	−25.6	−19.3	32.1	216.9	0.471	0.919	1.0	83.1	−26.0	−19.0	32.2	216.2	0.4	215	0.0	0.89	1.0	79.0	−34.2	−25.7	42.8	216.9

delta E'^* = 0.5

5−1132134−F0 RN890−7N, 22/33−F

TUB-prøveplansje RN89; 16-trinns fargetonesirkel, cf=1
farger og fargeavstander, $\Delta E'^*$

input: $rgb/cmyk \rightarrow rgb_{de}$
output: 3D-linearisering til rgb^*_{de}

TUB registrering: 20150701-RN89/RN89L0FP.PDF /.PS TUB-material: code=rha4ta
anvendelse for måling av display output, ingen separasjon rgb* (RGB)

se lignende filer: http://130.149.60.45/~farbmetrik/RN89/RN89.HTM
teknisk informasjon: http://www.ps.bam.de eller http://130.149.60.45/~farbmetrik

TUB registrering: 20150701-RN89/RN89L0FP.PDF /.PS TUB-material: code=rha4ta
anvendelse for måling av display output, ingen separasjon rgb* (RGB)

http://130.149.60.45/~farbmetrik/RN89/RN89L0FP.PDF /.PS; 3D-linearisering
F: 3D-linearisering RN89/RN89LJ30FP.DAT i fil (F), side 23/33

n	HIC*$_{Fde}$	*rgb*$_{\_Fde}$			*ict*$_{\_Fde}$			$h_{si\_F,de}$	*rgb**$_{Fde}$			*LabCh**$_{Fde}$					*rgb'**$_{Fde}$			*LabCh'**$_{Fde}$					*DE'**$_{Fde}$	$h_{siM,de}$	*rgb**$_{Mde}$			*LabCh**$_{Mde}$				
243	R00Y_037_037de	0.375	0.0	0.0	0.375	0.375	0.187	390	0.375	0.0	0.098	19.0	29.3	13.9	32.5	25.4	0.363	0.092	0.113	18.7	30.3	14.0	33.4	24.7	1.0	375	1.0	0.0	0.263	50.9	78.3	37.3	86.7	25.4
244	R18Y_037_037de	0.375	0.0	0.125	0.375	0.375	0.187	371	0.375	0.0	0.182	19.4	30.4	2.2	30.5	4.3	0.358	0.096	0.188	19.1	31.2	1.6	31.2	2.9	1.0	360	1.0	0.0	0.486	51.9	81.1	6.1	81.3	4.3
245	B65R_037_037de	0.375	0.0	0.25	0.375	0.375	0.187	349	0.375	0.0	0.257	20.1	32.0	−7.6	32.9	346.6	0.358	0.098	0.252	19.8	33.0	−8.2	34.0	346.0	1.1	347	1.0	0.0	0.686	53.6	85.5	−20.3	87.9	346.6
246	B50R_037_037de	0.375	0.0	0.375	0.375	0.375	0.187	330	0.375	0.0	0.371	21.4	35.3	−21.5	41.3	328.6	0.355	0.106	0.35	21.1	35.8	−22.2	42.2	328.2	0.9	330	1.0	0.0	0.991	57.1	94.1	−57.4	110.3	328.6
247	B38R_050_050de	0.375	0.0	0.5	0.5	0.5	0.25	316	0.319	0.0	0.5	21.6	41.4	−40.9	58.2	315.3	0.317	0.085	0.473	21.1	42.4	−42.1	59.8	315.2	1.6	309	0.638	0.0	1.0	43.2	82.9	−81.9	116.5	315.3
248	B30R_062_062de	0.375	0.0	0.625	0.625	0.625	0.312	307	0.091	0.0	0.625	19.5	47.7	−63.7	79.6	306.8	0.166	0.055	0.596	18.9	48.7	−64.6	80.9	306.9	1.4	277	0.145	0.0	1.0	31.2	76.3	−102.0	127.4	306.8
249	B25R_075_075de	0.375	0.0	0.75	0.75	0.75	0.375	300	0.0	0.202	0.75	28.6	39.5	−68.0	78.7	300.1	0.12	0.206	0.727	28.3	39.9	−68.4	79.2	300.2	0.6	254	0.0	0.27	1.0	38.2	52.7	−90.7	104.9	300.1
250	B20R_087_087de	0.375	0.0	0.875	0.875	0.875	0.437	295	0.0	0.318	0.875	37.8	34.2	−72.0	79.7	295.4	0.061	0.318	0.861	37.6	34.0	−72.3	79.9	295.2	0.3	248	0.0	0.364	1.0	43.2	39.1	−82.3	91.1	295.4
251	B18R_100_100de	0.375	0.0	1.0	1.0	1.0	0.5	292	0.0	0.404	1.0	45.7	32.7	−78.6	85.1	292.5	0.0	0.407	1.0	45.8	32.6	−78.0	84.5	292.7	0.6	246	0.0	0.404	1.0	45.7	32.7	−78.6	85.1	292.5
252	R31Y_037_037de	0.375	0.125	0.0	0.375	0.375	0.187	49	0.375	0.108	0.0	20.7	23.6	25.0	34.4	46.6	0.364	0.138	0.042	20.6	23.8	26.4	35.6	47.8	1.3	46	1.0	0.29	0.0	55.4	63.0	66.8	91.8	46.6
253	R00Y_037_025de	0.375	0.125	0.125	0.375	0.25	0.25	390	0.375	0.124	0.19	24.6	19.5	9.3	21.6	25.4	0.368	0.189	0.189	24.3	19.8	8.9	21.7	24.2	0.5	375	1.0	0.0	0.263	50.9	78.3	37.3	86.7	25.4
254	R00Y_037_025de	0.375	0.125	0.25	0.375	0.25	0.25	360	0.375	0.124	0.279	25.1	20.9	−2.9	21.1	352.0	0.361	0.193	0.27	24.8	21.3	−3.5	21.6	350.6	0.7	352	1.0	0.0	0.617	52.9	83.6	−11.6	84.4	352.0
255	B50R_037_025de	0.375	0.125	0.375	0.375	0.25	0.25	330	0.375	0.124	0.372	26.2	23.5	−14.3	27.5	328.6	0.357	0.199	0.351	25.9	23.9	−15.0	28.2	327.7	0.8	330	1.0	0.0	0.991	57.1	94.1	−57.4	110.3	328.6
256	B34R_050_037de	0.375	0.125	0.5	0.5	0.375	0.312	311	0.291	0.124	0.5	25.8	29.6	−34.5	45.5	310.5	0.313	0.185	0.476	25.4	30.0	−35.5	46.5	310.2	1.1	296	0.444	0.0	1.0	37.0	79.0	−92.2	121.5	310.5
257	B25R_062_050de	0.375	0.125	0.625	0.625	0.5	0.375	300	0.125	0.26	0.625	31.0	26.3	−45.3	52.4	300.1	0.276	0.258	0.599	30.9	26.0	−45.4	52.3	299.8	0.3	254	0.0	0.27	1.0	38.2	52.7	−90.7	104.9	300.1
258	B19R_075_062de	0.375	0.125	0.75	0.75	0.625	0.437	293	0.125	0.37	0.75	40.0	21.7	−49.8	54.3	293.5	0.289	0.36	0.729	39.9	21.3	−49.8	54.2	293.1	0.3	247	0.0	0.392	1.0	44.9	34.7	−79.7	86.9	293.5
259	B15R_087_075de	0.375	0.125	0.875	0.875	0.75	0.5	289	0.125	0.455	0.875	47.9	20.2	−56.2	59.8	289.7	0.296	0.448	0.866	47.8	19.7	−56.3	59.6	289.3	0.4	243	0.0	0.44	1.0	47.9	26.9	−75.0	79.7	289.7
260	B13R_100_087de	0.375	0.125	1.0	1.0	0.875	0.562	286	0.125	0.541	1.0	55.9	18.9	−62.2	65.0	286.9	0.307	0.537	1.0	55.8	18.1	−61.7	64.3	286.3	0.9	241	0.0	0.476	1.0	50.2	21.6	−71.1	74.3	286.9
261	R68Y_037_037de	0.375	0.25	0.0	0.375	0.375	0.187	71	0.375	0.234	0.0	26.3	9.6	28.1	29.7	71.1	0.358	0.232	0.067	26.1	9.6	29.2	30.7	71.7	1.0	68	1.0	0.626	0.0	70.1	25.6	75.1	79.3	71.1
262	R50Y_037_025de	0.375	0.25	0.125	0.375	0.25	0.25	60	0.375	0.246	0.124	27.7	10.6	17.7	20.6	58.8	0.367	0.245	0.161	27.6	10.5	17.8	20.7	59.3	0.1	59	1.0	0.487	0.0	63.1	42.7	70.8	82.7	58.8
263	R00Y_037_012de	0.375	0.25	0.25	0.375	0.125	0.312	390	0.375	0.249	0.282	30.2	9.7	4.6	10.8	25.4	0.366	0.273	0.268	30.1	9.6	4.5	10.6	25.2	0.2	375	1.0	0.0	0.263	50.9	78.3	37.3	86.7	25.4
264	B50R_037_012de	0.375	0.25	0.375	0.375	0.125	0.312	330	0.375	0.249	0.373	31.0	11.7	−7.1	13.7	328.6	0.355	0.279	0.351	30.9	11.5	−7.4	13.7	326.9	0.4	330	1.0	0.0	0.991	57.1	94.1	−57.4	110.3	328.6
265	B25R_050_025de	0.375	0.25	0.5	0.5	0.25	0.375	300	0.249	0.317	0.5	33.4	13.1	−22.6	26.2	300.1	0.327	0.304	0.476	33.2	12.7	−23.1	26.4	298.8	0.6	254	0.0	0.27	1.0	38.2	52.7	−90.7	104.9	300.1
266	B15R_062_037de	0.375	0.25	0.625	0.625	0.375	0.437	289	0.25	0.415	0.625	41.8	10.1	−28.1	29.9	289.7	0.362	0.398	0.6	41.8	9.6	−28.0	29.6	288.9	0.4	243	0.0	0.44	1.0	47.9	26.9	−75.0	79.7	289.7
267	B11R_075_050de	0.375	0.25	0.75	0.75	0.5	0.5	284	0.25	0.5	0.75	49.7	9.1	−34.1	35.3	285.0	0.399	0.483	0.728	49.7	8.6	−33.9	35.0	284.3	0.5	239	0.0	0.5	1.0	51.8	18.3	−68.3	70.7	285.0
268	B09R_087_062de	0.375	0.25	0.875	0.875	0.625	0.562	281	0.25	0.577	0.875	57.2	8.9	−41.3	42.3	282.1	0.423	0.563	0.866	57.1	8.6	−41.4	42.3	281.8	0.2	238	0.0	0.523	1.0	53.3	14.2	−66.1	67.7	282.1
269	B07R_100_075de	0.375	0.25	1.0	1.0	0.75	0.625	279	0.25	0.654	1.0	64.6	8.7	−48.4	49.2	280.2	0.447	0.646	1.0	64.4	8.2	−47.8	48.5	279.8	0.8	237	0.0	0.539	1.0	54.4	11.7	−64.6	65.6	280.2
270	Y00G_037_037de	0.375	0.375	0.0	0.375	0.375	0.187	90	0.375	0.321	0.0	31.3	−1.2	31.6	31.7	92.3	0.354	0.305	0.081	31.3	−1.7	32.6	32.6	93.0	1.0	82	1.0	0.856	0.0	83.7	−3.4	84.5	84.5	92.3
271	Y00G_037_025de	0.375	0.375	0.125	0.375	0.25	0.25	90	0.375	0.339	0.124	32.8	−0.8	21.1	21.1	92.3	0.357	0.319	0.18	32.7	−1.4	21.3	21.3	93.7	0.6	82	1.0	0.856	0.0	83.7	−3.4	84.5	84.5	92.3
272	Y00G_037_012de	0.375	0.375	0.25	0.375	0.125	0.312	90	0.375	0.357	0.249	34.3	−0.4	10.5	10.5	92.3	0.356	0.334	0.267	34.2	−0.8	10.4	10.4	94.5	0.4	82	1.0	0.856	0.0	83.7	−3.4	84.5	84.5	92.3
273	NW_037de	0.375	0.375	0.375	0.375	0.0	0.375	360	0.375	0.375	0.375	35.7	0.0	0.0	0.0	0.0	0.345	0.35	0.35	35.7	−0.4	−0.2	0.5	205.6	0.5	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
274	B00R_050_012de	0.375	0.375	0.5	0.5	0.125	0.437	270	0.375	0.451	0.5	43.1	0.2	−7.0	7.0	271.7	0.396	0.426	0.472	43.2	−0.2	−7.2	7.2	268.3	0.4	232	0.0	0.609	1.0	59.2	1.7	−56.6	56.6	271.7
275	B00R_062_025de	0.375	0.375	0.625	0.625	0.25	0.5	270	0.375	0.527	0.625	50.5	0.4	−14.1	14.1	271.7	0.445	0.504	0.597	50.6	0.0	−14.0	14.0	270.1	0.4	232	0.0	0.609	1.0	59.2	1.7	−56.6	56.6	271.7
276	B00R_075_037de	0.375	0.375	0.75	0.75	0.375	0.562	270	0.375	0.603	0.75	57.9	0.6	−21.2	21.2	271.7	0.487	0.582	0.728	57.9	0.4	−21.2	21.2	271.3	0.1	232	0.0	0.609	1.0	59.2	1.7	−56.6	56.6	271.7
277	B00R_087_050de	0.375	0.375	0.875	0.875	0.5	0.625	270	0.375	0.679	0.875	65.4	0.8	−28.3	28.3	271.7	0.527	0.664	0.864	65.2	0.8	−28.4	28.4	271.6	0.2	232	0.0	0.609	1.0	59.2	1.7	−56.6	56.6	271.7
278	B00R_100_062de	0.375	0.375	1.0	1.0	0.625	0.687	270	0.375	0.755	1.0	72.8	1.0	−35.3	35.3	271.7	0.564	0.748	1.0	72.6	0.7	−34.9	34.9	271.2	0.5	232	0.0	0.609	1.0	59.2	1.7	−56.6	56.6	271.7
279	Y23G_050_050de	0.375	0.5	0.0	0.5	0.5	0.25	104	0.453	0.5	0.0	45.5	−14.9	44.4	46.9	108.6	0.432	0.47	0.099	45.5	−15.4	45.1	47.7	108.8	0.8	94	0.906	1.0	0.0	91.0	−29.9	88.9	93.8	108.6
280	Y31G_050_037de	0.375	0.5	0.125	0.5	0.375	0.312	109	0.427	0.5	0.124	45.4	−14.8	32.6	35.8	114.4	0.416	0.471	0.209	45.4	−15.4	33.1	36.5	114.9	0.7	100	0.806	1.0	0.0	89.4	−39.5	87.0	95.6	114.4
281	Y50G_050_025de	0.375	0.5	0.25	0.5	0.25	0.375	120	0.382	0.5	0.249	45.3	−15.7	20.7	26.0	127.2	0.384	0.474	0.299	45.4	−16.2	20.8	26.4	127.9	0.5	118	0.528	1.0	0.0	85.9	−63.0	82.8	104.1	127.2
282	G00B_050_012de	0.375	0.5	0.375	0.5	0.125	0.437	150	0.375	0.5	0.463	46.4	−8.0	2.5	8.4	162.2	0.399	0.474	0.438	46.4	−8.5	2.4	8.9	163.9	0.5	193	0.0	1.0	0.706	85.1	−64.6	20.7	67.9	162.2
283	G50B_050_012de	0.375	0.5	0.5	0.5	0.125	0.437	210	0.375	0.486	0.5	45.6	−4.2	−3.2	5.3	216.9	0.4	0.459	0.471	45.7	−4.7	−3.3	5.8	215.5	0.4	215	0.0	0.89	1.0	79.0	−34.2	−25.7	42.8	216.9
284	G75B_062_025de	0.375	0.5	0.625	0.625	0.25	0.5	240	0.375	0.565	0.625	53.2	−4.7	−9.9	10.9	244.3	0.445	0.541	0.595	53.2	−5.2	−9.8	11.1	242.0	0.4	223	0.0	0.763	1.0	70.0	−19.0	−39.6	43.9	244.3
285	G84B_075_037de	0.375	0.5	0.75	0.75	0.375	0.562	251	0.375	0.641	0.75	60.6	−4.7	−17.1	17.8	254.3	0.489	0.62	0.728	60.5	−4.6	−17.2	17.8	254.7	0.1	226	0.0	0.71	1.0	66.3	−12.7	−45.7	47.4	254.3
286	G88B_087_050de	0.375	0.5	0.875	0.875	0.5	0.625	256	0.375	0.717	0.875	68.0	−4.7	−24.3	24.7	258.9	0.524	0.704	0.865	67.9	−4.7	−24.4	24.9	258.9	0.1	227	0.0	0.685	1.0	64.5	−9.4	−48.6	49.5	258.9
287	G90B_100_062de	0.375	0.5	1.0	1.0	0.625	0.687	259	0.375	0.793	1.0	75.4	−4.5	−31.4	31.7	261.6	0.558	0.79	1.0	75.2	−5.1	−30.9	31.3	260.5	0.7	228	0.0	0.67	1.0	63.4	−7.3	−50.3	50.8	261.6
288	Y38G_062_062de	0.375	0.625	0.0	0.625	0.625	0.312	113	0.449	0.625	0.0	55.0	−29.7	53.4	61.1	119.1	0.439	0.594	0.096	54.9	−29.9	53.9	61.6	119.0	0.5	105	0.719	1.0	0.0	88.1	−47.6	85.4	97.8	119.1
289	Y50G_062_050de	0.375	0.625	0.125	0.625	0.5	0.375	120	0.389	0.625	0.125	54.9	−31.5	41.4	52.0	127.2	0.402	0.597	0.226	54.8	−31.7	41.6	52.3	127.3	0.2	118	0.528	1.0	0.0	85.9	−63.0	82.8	104.1	127.2
290	Y68G_062_037de	0.375	0.625	0.25	0.625	0.375	0.437	131	0.25	0.625	0.352	55.2	−30.0	25.1	39.1	140.0	0.377	0.6	0.363	55.2	−30.0	25.0	39.0	140.1	0.1	165	0.0	1.0	0.273	83.8	−80.1	67.0	104.4	140.0
291	G00B_062_025de	0.375	0.625	0.375	0.625	0.25	0.5	150	0.375	0.625	0.551	57.0	−16.1	5.1	16.9	162.2	0.449	0.599	0.529	56.9	−16.2	4.8	16.9	163.4	0.3	193	0.0	1.0	0.706	85.1	−64.6	20.7	67.9	162.2
292	G25B_062_025de	0.375	0.625	0.5	0.625	0.25	0.5	180	0.375	0.625	0.612	57.4	−12.4	−2.1	12.6	189.6	0.453	0.597	0.584	57.2	−12.8	−2.2	13.0	189.9	0.4	207	0.0	1.0	0.951	86.5	−49.9	−8.4	50.6	189.6
293	G50B_062_025de	0.375	0.625	0.625	0.625	0.25	0.5	210	0.375	0.597	0.625	55.5	−8.5	−6.4	10.7	216.9	0.449	0.571	0.595	55.4	−9.0	−6.4	11.1	215.6	0.4	215	0.0	0.89	1.0	79.0	−34.2	−25.7	42.8	216.9
294	G65B_075_037de	0.375	0.625	0.75	0.75	0.375	0.562	229	0.375	0.678	0.75	63.2	−9.4	−13.1	16.2	234.3	0.492	0.658	0.727	63.1	−9.4	−13.1	16.2	234.1	0.0	220	0.0	0.808	1.0	73.3	−25.2	−35.1	43.2	234.3
295	G75B_087_050de	0.375	0.625	0.875	0.875	0.5	0.625	240	0.375	0.756	0.875	70.8	−9.5	−19.8	21.9	244.3	0.534	0.744	0.862	70.6	−9.4	−19.8	22.0	244.4	0.1	223	0.0	0.763	1.0	70.0	−19.0	−39.6	43.9	244.3
296	G80B_100_062de	0.375	0.625	1.0	1.0	0.625	0.687	247	0.375	0.831	1.0	78.1	−9.4	−27.0	28.6	250.7	0.564	0.829	1.0	77.9	−9.8	−26.7	28.5	249.8	0.5	225	0.0	0.73	1.0	67.7	−15.1	−43.2	45.7	250.7
297	Y50G_075_075de	0.375	0.75	0.0	0.75	0.75	0.375	120	0.396	0.75	0.0	64.4	−47.2	62.1	78.0	127.2	0.4	0.725	0.08	64.3	−47.4	62.6	78.5	127.1	0.5	118	0.528	1.0	0.0	85.9	−63.0	82.8	104.1	127.2
298	Y61G_075_062de	0.375	0.75	0.125	0.75	0.625	0.437	127	0.207	0.75	0.125	64.2	−50.8	50.0	71.3	135.4	0.322	0.729	0.241	64.1	−51.0	50.0	71.4	135.6	0.3	142	0.132	1.0	0.0	83.7	−81.2	80.1	114.1	135.4
299	Y76G_075_050de	0.375	0.75	0.25	0.75	0.5	0.5	136	0.25	0.75	0.468	65.9	−38.0	25.7	45.9	145.9	0.407	0.731	0.467	65.8	−38.1	25.4	45.8	146.2	0.3	175	0.0	1.0	0.436	84.1	−76.0	51.4	91.8	145.9
300	G00B_075_037de	0.375	0.75	0.375	0.75	0.375	0.562	150	0.375	0.75	0.639	67.7	−24.2	7.7	25.4	162.2	0.499	0.731	0.62	67.6	−24.1	7.8	25.4	161.9	0.1	193	0.0	1.0	0.706	85.1	−64.6	20.7	67.9	162.2
301	G15B_075_037de	0.375	0.75	0.5	0.75	0.375	0.562	169	0.375	0.75	0.705	68.0	−20.3	0.1	20.3	179.5	0.504	0.729	0.681	67.9	−20.4	0.2	20.4	179.4	0.1	203	0.0	1.0	0.88	86.0	−54.3	0.4	54.3	179.5
302	G34B_075_037de	0.375	0.75	0.625	0.75	0.375	0.562	191	0.375	0.743	0.75	67.8	−16.7	−5.9	17.7	199.6	0.508	0.721	0.725	67.7	−16.7	−5.9	17.7	199.5	0.1	210	0.0	0.982	1.0	85.6	−44.5	−15.8	47.3	199.6
303	G50B_075_037de	0.375	0.75	0.75	0.75	0.375	0.562	210	0.375	0.708	0.75	65.4	−12.8	−9.6	16.0	216.9	0.501	0.687	0.725	65.3	−12.8	−9.6	16.0	216.8	0.1	215	0.0	0.89	1.0	79.0	−34.2	−25.7	42.8	216.9
304	G61B_087_050de	0.375	0.75	0.875	0.875	0.5	0.625	224	0.375	0.789	0.875	73.1	−13.8	−16.3	21.4	229.7	0.533	0.778	0.863	73.0	−13.9	−16.4	21.5	229.6	0.1	219	0.0	0.829	1.0	74.7	−27.7	−32.7	42.8	229.7
305	G69B_100_062de	0.375	0.75	1.0	1.0	0.625	0.687	233	0.375	0.87	1.0	80.8	−14.4	−23.0	27.1	237.9	0.567	0.87	1.0	80.7	−14.8	−22.5	27.0	236.6	0.6	221	0.0	0.792	1.0	72.1	−23.0	−36.8	43.4	237.9
306	Y58G_087_087de	0.375	0.875	0.0	0.875	0.875	0.437	125	0.27	0.875	0.0	73.8	−66.2	70.7	96.9	133.0	0.285	0.86	0.049	73.8	−66.5	71.1	97.4	133.0	0.4	132	0.309	1.0	0.0	84.4	−75.7	80.9	110.8	133.0
307	Y68G_087_075de	0.375	0.875	0.125	0.875	0.75	0.5	131	0.125	0.875	0.329	74.8	−60.1	50.2	78.3	140.0	0.32	0.865	0.351	74.7	−60.3	50.2	78.5	140.2	0.2	165	0.0	1.0	0.273	83.8	−80.1	67.0	104.4	140.0
308	Y81G_087_062de	0.375	0.875	0.25	0.875	0.625	0.562	139	0.25	0.875	0.57	76.5	−45.8	27.1	53.2	149.4	0.438	0.867	0.566	76.5	−46.1	27.0	53.4	149.5	0.2	180	0.0	1.0	0.513	84.3	−73.3	43.3	85.2	149.4
309	G00B_087_050de	0.375	0.875	0.375	0.875	0.5	0.625	150	0.375	0.875	0.728	78.3	−32.3	10.3	33.9	162.2	0.539	0.867	0.716	78.2	−32.5	10.4	34.1	162.1	0.2	193	0.0	1.0	0.706	85.1	−64.6	20.7	67.9	162.2
310	G11B_087_050de	0.375	0.875	0.5	0.875	0.5	0.625	164	0.375	0.875	0.794	78.7	−28.5	2.4	28.6	175.0	0.543	0.866	0.782	78.6	−28.7	2.4	28.8	175.0	0.1	201	0.0	1.0	0.838	85.8	−57.1	4.9	57.3	175.0
311	G25B_087_050de	0.375	0.875	0.625	0.875	0.5	0.625	180	0.375	0.875	0.85	79.0	−24.9	−4.2	25.3	189.6	0.548	0.865	0.838	78.9	−25.1	−4.2	25.5	189.5	0.2	207	0.0	1.0	0.951	86.5	−49.9	−8.4	50.6	189.6
312	G38B_087_050de	0.375	0.875	0.75	0.875	0.5	0.625	196	0.375	0.854	0.875	77.7	−21.0	−9.4	23.0	204.2	0.546	0.843	0.863	77.6	−21.2	−9.4	23.2	204.0	0.2	212	0.0	0.958	1.0	83.9	−42.0	−18.9	46.1	204.2
313	G50B_087_050de	0.375	0.875	0.875	0.875	0.5	0.625	210	0.375	0.82	0.875	75.3	−17.1	−12.8	21.4	216.9	0.542	0.809	0.862	75.2	−17.3	−12.9	21.6	216.8	0.2	215	0.0	0.89	1.0	79.0	−34.2	−25.7	42.8	216.9
314	G59B_100_062de	0.375	0.875	1.0	1.0	0.625	0.687	221	0.375	0.901	1.0	83.0	−18.1	−19.5	26.6	227.0	0.572	0.903	1.0	82.9	−18.6	−19.1	26.7	225.8	0.5	218	0.0	0.842	1.0	75.6	−29.1	−31.2	42.6	227.0
315	Y63G_100_100de	0.375	1.0	0.0	1.0	1.0	0.5	128	0.0	1.0	0.072	83.6	−82.4	77.9	113.4	136.5	0.005	1.0	0.072	83.6	−82.3	78.4	113.7	136.4	0.4	153	0.0	1.0	0.072	83.6	−82.4	77.9	113.4	136.5
316	Y73G_100_087de	0.375	1.0	0.125	1.0	0.875	0.562	134	0.125	1.0	0.46	85.4	−67.9	50.0	84.3	143.5	0.329	1.0	0.468	85.1	−67.7	49.6	83.9	143.7	0.6	172	0.0	1.0	0.383	84.0	−77.6	57.2	96.4	143.5
317	Y85G_100_075de	0.375	1.0	0.25	1.0	0.75	0.625	141	0.25	1.0	0.664	87.2	−53.8	28.9	61.1	151.7	0.467	1.0	0.666	86.7	−53.3	28.4	60.4	151.9	0.9	183	0.0	1.0	0.553	84.5	−71.8	38.6	81.5	151.7
318	G00B_100_062de	0.375	1.0	0.375	1.0	0.625	0.687	150	0.375	1.0	0.816	88.9	−40.4	12.9	42.4	162.2	0.576	1.0	0.816	88.4	−39.8	12.1	41.6	162.9	1.1	193	0.0	1.0	0.706	85.1	−64.6	20.7	67.9	162.2
319	G09B_100_062de	0.375	1.0	0.5	1.0	0.625	0.687	161	0.375	1.0	0.882	89.3	−36.7	4.9	37.0	172.2	0.581	1.0	0.874	88.7	−36.5	5.4	36.9	171.5	0.7	199	0.0	1.0	0.812	85.7	−58.7	7.9	59.3	172.2
320	G19B_100_062de	0.375	1.0	0.625	1.0	0.625	0.687	173	0.375	1.0	0.941	89.6	−33.0	−1.8	33.1	183.2	0.586	1.0	0.942	89.2	−32.6	−2.5	32.7	184.4	0.9	205	0.0	1.0	0.906	86.2	−52.8	−2.9	52.9	183.2
321	G30B_100_062de	0.375	1.0	0.75	1.0	0.625	0.687	187	0.375	1.0	0.998	90.0	−29.0	−8.3	30.1	195.9	0.6	1.0	0.998	89.7	−28.6	−8.8	29.9	197.1	0.7	209	0.0	1.0	0.997	86.8	−46.4	−13.2	48.2	195.9
322	G40B_100_062de	0.375	1.0	0.875	1.0	0.625	0.687	199	0.375	0.964	1.0	87.5	−25.3	−12.8	28.4	206.9	0.583	0.968	1.0	87.4	−25.8	−12.3	28.6	205.5	0.7	212	0.0	0.943	1.0	82.8	−40.5	−20.5	45.4	206.9
323	G50B_100_062de	0.375	1.0	1.0	1.0	0.625	0.687	210	0.375	0.931	1.0	85.2	−21.4	−16.1	26.8	216.9	0.581	0.933	1.0	85.1	−21.8	−15.9	27.0	216.1	0.4	215	0.0	0.89	1.0	79.0	−34.2	−25.7	42.8	216.9
																								delta *E'** =	**0.5**									

5−1132234−F0 RN890−7N, 23/33−F

TUB-prøveplansje RN89; 16-trinns fargetonesirkel, *cf*=1 input: *rgb/cmyk* −> *rgb*$_{de}$
farger og fargeavstander, Δ*E'** output: 3D-linearisering til *rgb**$_{de}$

se lignende filer: http://130.149.60.45/~farbmetrik/RN89/RN89.HTM
teknisk informasjon: http://www.ps.bam.de eller http://130.149.60.45/~farbmetrik

5−1132234−F0

TUB registrering: 20150701-RN89/RN89L0FP.PDF /.PS TUB-material: code=rha4ta
anvendelse for måling av display output, ingen separasjon rgb* (RGB)

http://130.149.60.45/~farbmetrik/RN89/RN89L0FP.PDF /.PS; 3D-linearisering
F: 3D-linearisering RN89/RN89LJ30FP.DAT i fil (F), side 24/33

n	HIC*$_{Fde}$	rgb$_{_Fde}$			ict$_{_Fde}$			$h_{si\_F,de}$	rgb*$_{Fde}$			LabCh*$_{Fde}$				
324	R00Y_050_050de	0.5	0.0	0.0	0.5	0.5	0.25	390	0.5	0.0	0.131	25.4	39.1	18.6	43.3	25.4
325	R26Y_050_050de	0.5	0.0	0.125	0.5	0.5	0.25	376	0.5	0.0	0.214	25.8	40.2	7.0	40.8	9.8
326	R00Y_050_050de	0.5	0.0	0.25	0.5	0.5	0.25	360	0.5	0.0	0.308	26.4	41.8	−5.8	42.2	352.0
327	B61R_050_050de	0.5	0.0	0.375	0.5	0.5	0.25	344	0.5	0.0	0.373	27.0	43.3	−14.1	45.6	341.8
328	B50R_050_050de	0.5	0.0	0.5	0.5	0.5	0.25	330	0.5	0.0	0.495	28.5	47.0	−28.7	55.1	328.6
329	B40R_062_062de	0.5	0.0	0.625	0.625	0.625	0.312	319	0.455	0.0	0.625	29.0	53.3	−47.7	71.5	318.1
330	B34R_075_075de	0.5	0.0	0.75	0.75	0.75	0.375	311	0.333	0.0	0.75	27.8	59.3	−69.1	91.1	310.5
331	B29R_087_087de	0.5	0.0	0.875	0.875	0.875	0.437	305	0.0	0.102	0.875	28.3	61.2	−87.7	107.0	304.9
332	B25R_100_100de	0.5	0.0	1.0	1.0	1.0	0.5	300	0.0	0.27	1.0	38.2	52.7	−90.7	104.9	300.1
333	R23Y_050_050de	0.5	0.125	0.0	0.5	0.5	0.25	44	0.5	0.051	0.0	25.6	37.2	32.4	49.3	41.0
334	R00Y_050_037de	0.5	0.125	0.125	0.5	0.375	0.312	390	0.5	0.124	0.223	31.0	29.3	13.9	32.5	25.4
335	R18Y_050_037de	0.5	0.125	0.25	0.5	0.375	0.312	371	0.5	0.124	0.307	31.4	30.4	2.2	30.5	4.3
336	B65R_050_037de	0.5	0.125	0.375	0.5	0.375	0.312	349	0.5	0.124	0.382	32.0	32.0	−7.6	32.9	346.6
337	B50R_050_037de	0.5	0.125	0.5	0.5	0.375	0.312	330	0.5	0.124	0.496	33.3	35.3	−21.5	41.3	328.6
338	B38R_062_050de	0.5	0.125	0.625	0.625	0.5	0.375	316	0.444	0.125	0.625	33.5	41.4	−40.9	58.2	315.3
339	B30R_075_062de	0.5	0.125	0.75	0.75	0.625	0.437	307	0.216	0.125	0.75	31.4	47.7	−63.7	79.6	306.8
340	B25R_087_075de	0.5	0.125	0.875	0.875	0.75	0.5	300	0.125	0.327	0.875	40.6	39.5	−68.0	78.7	300.1
341	B20R_100_087de	0.5	0.125	1.0	1.0	0.875	0.562	295	0.125	0.443	1.0	49.7	34.2	−72.0	79.7	295.4
342	R50Y_050_050de	0.5	0.25	0.0	0.5	0.5	0.25	60	0.5	0.243	0.0	31.5	21.3	35.4	41.3	58.8
343	R31Y_050_037de	0.5	0.25	0.125	0.5	0.375	0.312	49	0.5	0.233	0.124	32.7	23.6	25.0	34.4	46.6
344	R00Y_050_025de	0.5	0.25	0.25	0.5	0.25	0.375	390	0.5	0.249	0.315	36.5	19.5	9.3	21.6	25.4
345	R00Y_050_025de	0.5	0.25	0.375	0.5	0.25	0.375	360	0.5	0.249	0.404	37.0	20.9	−2.9	21.1	352.0
346	B50R_050_025de	0.5	0.25	0.5	0.5	0.25	0.375	330	0.5	0.249	0.497	38.1	23.5	−14.3	27.5	328.6
347	B34R_062_037de	0.5	0.25	0.625	0.625	0.375	0.437	311	0.416	0.25	0.625	37.7	29.6	−34.5	45.5	310.5
348	B25R_075_050de	0.5	0.25	0.75	0.75	0.5	0.5	300	0.25	0.385	0.75	42.9	26.3	−45.3	52.4	300.1
349	B19R_087_062de	0.5	0.25	0.875	0.875	0.625	0.562	293	0.25	0.495	0.875	51.9	21.7	−49.8	54.3	293.5
350	B15R_100_075de	0.5	0.25	1.0	1.0	0.75	0.625	289	0.25	0.58	1.0	59.8	20.2	−56.2	59.8	289.7
351	R76Y_050_050de	0.5	0.375	0.0	0.5	0.5	0.25	76	0.5	0.342	0.0	36.7	9.1	38.8	39.9	76.7
352	R68Y_050_037de	0.5	0.375	0.125	0.5	0.375	0.312	71	0.5	0.359	0.124	38.2	9.6	28.1	29.7	71.1
353	R50Y_050_025de	0.5	0.375	0.25	0.5	0.25	0.375	60	0.5	0.371	0.249	39.6	10.6	17.7	20.6	58.8
354	R00Y_050_012de	0.5	0.375	0.375	0.5	0.125	0.437	390	0.5	0.375	0.407	42.1	9.7	4.6	10.8	25.4
355	B50R_050_012de	0.5	0.375	0.5	0.5	0.125	0.437	330	0.5	0.375	0.498	42.9	11.7	−7.1	13.7	328.6
356	B25R_062_025de	0.5	0.375	0.625	0.625	0.25	0.5	300	0.375	0.442	0.625	45.3	13.1	−22.6	26.2	300.1
357	B15R_075_037de	0.5	0.375	0.75	0.75	0.375	0.562	289	0.375	0.54	0.75	53.7	10.1	−28.1	29.9	289.7
358	B11R_087_050de	0.5	0.375	0.875	0.875	0.5	0.625	284	0.375	0.625	0.875	61.6	9.1	−34.1	35.3	285.0
359	B09R_100_062de	0.5	0.375	1.0	1.0	0.625	0.687	281	0.375	0.702	1.0	69.1	8.9	−41.3	42.3	282.1
360	Y00G_050_050de	0.5	0.5	0.0	0.5	0.5	0.25	90	0.5	0.428	0.0	41.8	−1.7	42.2	42.2	92.3
361	Y00G_050_037de	0.5	0.5	0.125	0.5	0.375	0.312	90	0.5	0.446	0.124	43.3	−1.2	31.6	31.7	92.3
362	Y00G_050_025de	0.5	0.5	0.25	0.5	0.25	0.375	90	0.5	0.464	0.249	44.7	−0.8	21.1	21.1	92.3
363	Y00G_050_012de	0.5	0.5	0.375	0.5	0.125	0.437	90	0.5	0.482	0.375	46.2	−0.4	10.5	10.5	92.3
364	NW_050de	0.5	0.5	0.5	0.5	0.0	0.5	360	0.5	0.5	0.5	47.7	0.0	0.0	0.0	0.0
365	B00R_062_012de	0.5	0.5	0.625	0.625	0.125	0.562	270	0.5	0.576	0.625	55.1	0.2	−7.0	7.0	271.7
366	B00R_075_025de	0.5	0.5	0.75	0.75	0.25	0.625	270	0.5	0.652	0.75	62.5	0.4	−14.1	14.1	271.7
367	B00R_087_037de	0.5	0.5	0.875	0.875	0.375	0.687	270	0.5	0.728	0.875	69.9	0.6	−21.2	21.2	271.7
368	B00R_100_050de	0.5	0.5	1.0	1.0	0.5	0.75	270	0.5	0.804	1.0	77.3	0.8	−28.3	28.3	271.7
369	Y18G_062_062de	0.5	0.625	0.0	0.625	0.625	0.312	101	0.602	0.625	0.0	57.5	−15.2	56.3	58.3	105.1
370	Y23G_062_050de	0.5	0.625	0.125	0.625	0.5	0.375	104	0.578	0.625	0.125	57.4	−14.9	44.4	46.9	108.6
371	Y31G_062_037de	0.5	0.625	0.25	0.625	0.375	0.437	109	0.552	0.625	0.25	57.3	−14.8	32.6	35.8	114.4
372	Y50G_062_025de	0.5	0.625	0.375	0.625	0.25	0.5	120	0.507	0.625	0.375	57.2	−15.7	20.7	26.0	127.2
373	G00B_062_012de	0.5	0.625	0.5	0.625	0.125	0.562	150	0.5	0.625	0.588	58.3	−8.0	2.5	8.4	162.2
374	G50B_062_012de	0.5	0.625	0.625	0.625	0.125	0.562	210	0.5	0.611	0.625	57.5	−4.2	−3.2	5.3	216.9
375	G75B_075_025de	0.5	0.625	0.75	0.75	0.25	0.625	240	0.5	0.69	0.75	65.2	−4.7	−9.9	10.9	244.3
376	G84B_087_037de	0.5	0.625	0.875	0.875	0.375	0.687	251	0.5	0.766	0.875	72.5	−4.7	−17.1	17.8	254.3
377	G88B_100_050de	0.5	0.625	1.0	1.0	0.5	0.75	256	0.5	0.842	1.0	79.9	−4.7	−24.3	24.7	258.9
378	Y31G_075_075de	0.5	0.75	0.0	0.75	0.75	0.375	109	0.604	0.75	0.0	67.0	−29.6	65.3	71.7	114.4
379	Y38G_075_062de	0.5	0.75	0.125	0.75	0.625	0.437	113	0.574	0.75	0.125	67.0	−29.7	53.4	61.1	119.1
380	Y50G_075_050de	0.5	0.75	0.25	0.75	0.5	0.5	120	0.514	0.75	0.25	66.8	−31.5	41.4	52.0	127.2
381	Y68G_075_037de	0.5	0.75	0.375	0.75	0.375	0.562	131	0.375	0.75	0.477	67.2	−30.0	25.1	39.1	140.0
382	G00B_075_025de	0.5	0.75	0.5	0.75	0.25	0.625	150	0.5	0.75	0.676	68.9	−16.1	5.1	16.9	162.2
383	G25B_075_025de	0.5	0.75	0.625	0.75	0.25	0.625	180	0.5	0.75	0.737	69.3	−12.4	−2.1	12.6	189.6
384	G50B_075_025de	0.5	0.75	0.75	0.75	0.25	0.625	210	0.5	0.722	0.75	67.4	−8.5	−6.4	10.7	216.9
385	G65B_087_037de	0.5	0.75	0.875	0.875	0.375	0.687	229	0.5	0.803	0.875	75.1	−9.4	−13.1	16.2	234.3
386	G75B_100_050de	0.5	0.75	1.0	1.0	0.5	0.75	240	0.5	0.881	1.0	82.7	−9.5	−19.8	21.9	244.3
387	Y41G_087_087de	0.5	0.875	0.0	0.875	0.875	0.437	115	0.586	0.875	0.0	76.5	−45.3	74.1	86.9	121.4
388	Y50G_087_075de	0.5	0.875	0.125	0.875	0.75	0.5	120	0.521	0.875	0.125	76.4	−47.2	62.1	78.0	127.2
389	Y61G_087_062de	0.5	0.875	0.25	0.875	0.625	0.562	127	0.332	0.875	0.25	76.2	−50.8	50.0	71.3	135.4
390	Y76G_087_050de	0.5	0.875	0.375	0.875	0.5	0.625	136	0.375	0.875	0.593	77.8	−38.0	25.7	45.9	145.9
391	G00B_087_037de	0.5	0.875	0.5	0.875	0.375	0.687	150	0.5	0.875	0.764	79.6	−24.2	7.7	25.4	162.2
392	G15B_087_037de	0.5	0.875	0.625	0.875	0.375	0.687	169	0.5	0.875	0.83	79.9	−20.3	0.1	20.3	179.5
393	G34B_087_037de	0.5	0.875	0.75	0.875	0.375	0.687	191	0.5	0.868	0.875	79.8	−16.7	−5.9	17.7	199.6
394	G50B_087_037de	0.5	0.875	0.875	0.875	0.375	0.687	210	0.5	0.833	0.875	77.3	−12.8	−9.6	16.0	216.9
395	G61B_100_050de	0.5	0.875	1.0	1.0	0.5	0.75	224	0.5	0.914	1.0	85.0	−13.8	−16.3	21.4	229.7
396	Y50G_100_100de	0.5	1.0	0.0	1.0	1.0	0.5	120	0.528	1.0	0.0	85.9	−63.0	82.8	104.1	127.2
397	Y58G_100_087de	0.5	1.0	0.125	1.0	0.875	0.562	125	0.395	1.0	0.125	85.8	−66.2	70.7	96.9	133.0
398	Y68G_100_075de	0.5	1.0	0.25	1.0	0.75	0.625	131	0.25	1.0	0.454	86.7	−60.1	50.2	78.3	140.0
399	Y81G_100_062de	0.5	1.0	0.375	1.0	0.625	0.687	139	0.375	1.0	0.695	88.5	−45.8	27.1	53.2	149.4
400	G00B_100_050de	0.5	1.0	0.5	1.0	0.5	0.75	150	0.5	1.0	0.853	90.2	−32.3	10.3	33.9	162.2
401	G11B_100_050de	0.5	1.0	0.625	1.0	0.5	0.75	164	0.5	1.0	0.919	90.6	−28.5	2.4	28.6	175.0
402	G25B_100_050de	0.5	1.0	0.75	1.0	0.5	0.75	180	0.5	1.0	0.975	90.9	−24.9	−4.2	25.3	189.6
403	G38B_100_050de	0.5	1.0	0.875	1.0	0.5	0.75	196	0.5	0.979	1.0	89.6	−21.0	−9.4	23.0	204.2
404	G50B_100_050de	0.5	1.0	1.0	1.0	0.5	0.75	210	0.5	0.945	1.0	87.2	−17.1	−12.8	21.4	216.9

n	rgb'*$_{Fde}$			LabCh'*$_{Fde}$					DE'*$_{Fde}$	$h_{siM,de}$	rgb*$_{Mde}$			LabCh*$_{Mde}$				
324	0.482	0.102	0.144	25.2	39.8	18.4	43.9	24.8	0.7	375	1.0	0.0	0.263	50.9	78.3	37.3	86.7	25.4
325	0.48	0.104	0.218	25.6	40.9	6.7	41.4	9.3	0.7	364	1.0	0.0	0.429	51.6	80.5	14.0	81.7	9.8
326	0.476	0.11	0.304	26.3	42.2	−6.3	42.7	351.5	0.6	352	1.0	0.0	0.617	52.9	83.6	−11.6	84.4	352.0
327	0.476	0.113	0.361	27.0	43.7	−14.5	46.1	341.6	0.5	344	1.0	0.0	0.747	54.1	86.7	−28.3	91.2	341.8
328	0.475	0.121	0.469	28.5	47.2	−29.1	55.4	328.3	0.4	330	1.0	0.0	0.991	57.1	94.1	−57.4	110.3	328.6
329	0.446	0.093	0.596	28.7	53.9	−48.2	72.4	318.2	0.8	314	0.729	0.0	1.0	46.5	85.3	−76.3	114.5	318.1
330	0.344	0.058	0.726	27.4	60.0	−69.7	92.0	310.7	1.0	296	0.444	0.0	1.0	37.0	79.0	−92.2	121.5	310.5
331	0.093	0.112	0.861	28.0	61.5	−88.1	107.4	304.9	0.4	263	0.0	0.116	1.0	32.3	70.0	−100.3	122.3	304.9
332	0.0	0.272	1.0	38.2	52.8	−90.5	104.8	300.2	0.2	254	0.0	0.27	1.0	38.2	52.7	−90.7	104.9	300.1
333	0.484	0.119	0.039	25.6	37.5	33.6	50.4	41.8	1.2	35	1.0	0.102	0.0	51.3	74.4	64.8	98.7	41.0
334	0.494	0.214	0.219	30.8	29.8	13.7	32.9	24.7	0.5	375	1.0	0.0	0.263	50.9	78.3	37.3	86.7	25.4
335	0.487	0.217	0.298	31.2	30.8	1.8	30.9	3.3	0.6	360	1.0	0.0	0.486	51.9	81.1	6.1	81.3	4.3
336	0.485	0.221	0.367	31.8	32.6	−8.0	33.6	346.0	0.7	347	1.0	0.0	0.686	53.6	85.5	−20.3	87.9	346.6
337	0.481	0.229	0.471	33.2	35.6	−22.0	41.9	328.2	0.6	330	1.0	0.0	0.991	57.1	94.1	−57.4	110.3	328.6
338	0.448	0.216	0.598	33.2	41.8	−41.3	58.8	315.3	0.6	309	0.638	0.0	1.0	43.2	82.9	−81.9	116.5	315.3
339	0.327	0.187	0.73	31.0	48.1	−64.3	80.4	306.8	0.8	277	0.145	0.0	1.0	31.2	76.3	−102.0	127.4	306.8
340	0.313	0.321	0.865	40.3	39.5	−68.3	78.9	300.0	0.4	254	0.0	0.27	1.0	38.2	52.7	−90.7	104.9	300.1
341	0.319	0.436	1.0	49.6	33.5	−71.7	79.1	295.1	0.7	248	0.0	0.364	1.0	43.2	39.1	−82.3	91.1	295.4
342	0.48	0.247	0.061	31.5	21.4	36.4	42.2	59.4	0.9	59	1.0	0.487	0.0	63.1	42.7	70.8	82.7	58.8
343	0.496	0.253	0.159	32.7	23.6	25.3	34.6	46.9	0.2	46	1.0	0.29	0.0	55.4	63.0	66.8	91.8	46.6
344	0.497	0.305	0.3	36.5	19.6	9.1	21.6	25.0	0.1	375	1.0	0.0	0.263	50.9	78.3	37.3	86.7	25.4
345	0.486	0.309	0.385	37.0	21.0	−3.2	21.3	351.2	0.3	352	1.0	0.0	0.617	52.9	83.6	−11.6	84.4	352.0
346	0.482	0.316	0.472	38.0	23.6	−14.8	27.9	327.9	0.4	330	1.0	0.0	0.991	57.1	94.1	−57.4	110.3	328.6
347	0.44	0.302	0.6	37.5	29.5	−34.8	45.6	310.3	0.2	296	0.444	0.0	1.0	37.0	79.0	−92.2	121.5	310.5
348	0.412	0.373	0.732	42.9	26.1	−45.1	52.2	300.0	0.3	254	0.0	0.27	1.0	38.2	52.7	−90.7	104.9	300.1
349	0.432	0.48	0.866	51.8	21.3	−49.8	54.2	293.1	0.3	247	0.0	0.392	1.0	44.9	34.7	−79.7	86.9	293.5
350	0.453	0.57	1.0	59.6	19.4	−55.5	58.8	289.3	1.0	243	0.0	0.44	1.0	47.9	26.9	−75.0	79.7	289.7
351	0.476	0.33	0.072	36.6	9.1	39.7	40.7	77.0	0.8	72	1.0	0.684	0.0	73.5	18.3	77.7	79.8	76.7
352	0.486	0.346	0.182	38.2	9.4	28.5	30.0	71.5	0.3	68	1.0	0.626	0.0	70.1	25.6	75.1	79.3	71.1
353	0.494	0.359	0.271	39.6	10.6	17.6	20.6	58.9	0.0	59	1.0	0.487	0.0	63.1	42.7	70.8	82.7	58.8
354	0.491	0.39	0.384	42.2	9.7	4.5	10.7	25.2	0.1	375	1.0	0.0	0.263	50.9	78.3	37.3	86.7	25.4
355	0.478	0.396	0.472	42.9	11.5	−7.3	13.7	327.3	0.2	330	1.0	0.0	0.991	57.1	94.1	−57.4	110.3	328.6
356	0.452	0.422	0.6	45.3	12.6	−22.6	25.9	299.2	0.5	254	0.0	0.27	1.0	38.2	52.7	−90.7	104.9	300.1
357	0.491	0.52	0.731	53.8	9.7	−27.9	29.5	289.3	0.3	243	0.0	0.44	1.0	47.9	26.9	−75.0	79.7	289.7
358	0.532	0.606	0.864	61.5	9.2	−34.2	35.4	285.0	0.1	239	0.0	0.5	1.0	51.8	18.3	−68.3	70.7	285.0
359	0.562	0.691	1.0	68.9	8.3	−40.8	41.6	281.6	0.8	238	0.0	0.523	1.0	53.3	14.2	−66.1	67.7	282.1
360	0.476	0.408	0.088	41.9	−1.9	43.0	43.1	92.5	0.8	82	1.0	0.856	0.0	83.7	−3.4	84.5	84.5	92.3
361	0.482	0.422	0.199	43.3	−1.6	32.2	32.2	92.9	0.6	82	1.0	0.856	0.0	83.7	−3.4	84.5	84.5	92.3
362	0.483	0.437	0.294	44.8	−1.1	21.2	21.2	93.2	0.3	82	1.0	0.856	0.0	83.7	−3.4	84.5	84.5	92.3
363	0.479	0.454	0.383	46.2	−0.6	10.4	10.5	93.7	0.2	82	1.0	0.856	0.0	83.7	−3.4	84.5	84.5	92.3
364	0.466	0.47	0.471	47.7	−0.3	−0.1	0.4	205.6	0.4	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
365	0.52	0.548	0.595	55.0	0.0	−7.0	7.0	269.2	0.3	232	0.0	0.609	1.0	59.2	1.7	−56.6	56.6	271.7
366	0.57	0.628	0.728	62.3	0.4	−14.3	14.3	271.6	0.2	232	0.0	0.609	1.0	59.2	1.7	−56.6	56.6	271.7
367	0.616	0.711	0.864	69.7	0.5	−21.3	21.3	271.3	0.2	232	0.0	0.609	1.0	59.2	1.7	−56.6	56.6	271.7
368	0.66	0.797	1.0	77.1	0.3	−27.9	27.9	270.8	0.6	232	0.0	0.609	1.0	59.2	1.7	−56.6	56.6	271.7
369	0.576	0.593	0.099	57.3	−15.4	56.7	58.7	105.2	0.4	91	0.963	1.0	0.0	92.0	−24.3	90.1	93.3	105.1
370	0.562	0.593	0.231	57.2	−15.1	44.5	47.0	108.8	0.2	94	0.906	1.0	0.0	91.0	−29.9	88.9	93.8	108.6
371	0.543	0.594	0.328	57.2	−15.0	32.6	35.9	114.6	0.1	100	0.806	1.0	0.0	89.4	−39.5	87.0	95.6	114.4
372	0.509	0.597	0.419	57.2	−15.7	20.5	25.8	127.5	0.2	118	0.528	1.0	0.0	85.9	−63.0	82.8	104.1	127.2
373	0.523	0.597	0.561	58.2	−8.1	2.4	8.5	163.5	0.2	193	0.0	1.0	0.706	85.1	−64.6	20.7	67.9	162.2
374	0.524	0.583	0.594	57.4	−4.4	−3.2	5.5	215.9	0.2	215	0.0	0.89	1.0	79.0	−34.2	−25.7	42.8	216.9
375	0.571	0.668	0.726	65.0	−4.9	−10.0	11.2	243.5	0.3	223	0.0	0.763	1.0	70.0	−19.0	−39.6	43.9	244.3
376	0.617	0.752	0.864	72.4	−4.8	−17.2	17.9	254.2	0.1	226	0.0	0.71	1.0	66.3	−12.7	−45.7	47.4	254.3
377	0.657	0.839	1.0	79.8	−5.2	−23.8	24.4	257.5	0.7	227	0.0	0.685	1.0	64.5	−9.4	−48.6	49.5	258.9
378	0.589	0.724	0.08	66.8	−30.0	65.7	72.2	114.5	0.5	100	0.806	1.0	0.0	89.4	−39.5	87.0	95.6	114.4
379	0.572	0.725	0.246	66.8	−29.8	53.2	61.0	119.2	0.2	105	0.719	1.0	0.0	88.1	−47.6	85.4	97.8	119.1
380	0.532	0.728	0.352	66.7	−31.5	41.3	52.0	127.3	0.1	118	0.528	1.0	0.0	85.9	−63.0	82.8	104.1	127.2
381	0.506	0.732	0.487	67.1	−29.8	24.8	38.8	140.2	0.3	165	0.0	1.0	0.273	83.8	−80.1	67.0	104.4	140.0
382	0.575	0.729	0.655	68.8	−16.3	5.0	17.1	162.7	0.2	193	0.0	1.0	0.706	85.1	−64.6	20.7	67.9	162.2
383	0.58	0.728	0.713	69.1	−12.8	−2.2	13.0	189.8	0.4	207	0.0	1.0	0.951	86.5	−49.9	−8.4	50.6	189.6
384	0.576	0.7	0.725	67.2	−8.8	−6.5	11.0	216.3	0.4	215	0.0	0.89	1.0	79.0	−34.2	−25.7	42.8	216.9
385	0.62	0.791	0.863	75.1	−9.7	−13.2	16.4	233.6	0.2	220	0.0	0.808	1.0	73.3	−25.2	−35.1	43.2	234.3
386	0.667	0.88	1.0	82.6	−9.8	−19.5	21.9	243.3	0.4	223	0.0	0.763	1.0	70.0	−19.0	−39.6	43.9	244.3
387	0.58	0.86	0.049	76.4	−45.6	74.4	87.3	121.5	0.4	108	0.67	1.0	0.0	87.5	−51.8	84.7	99.3	121.4
388	0.54	0.862	0.256	76.3	−47.3	62.0	78.0	127.3	0.1	118	0.528	1.0	0.0	85.9	−63.0	82.8	104.1	127.2
389	0.469	0.867	0.373	76.1	−50.8	49.8	71.2	135.5	0.1	142	0.132	1.0	0.0	83.7	−81.2	80.1	114.1	135.4
390	0.541	0.868	0.592	77.7	−38.2	25.7	46.0	146.0	0.2	175	0.0	1.0	0.436	84.1	−76.0	51.4	91.8	145.9
391	0.627	0.867	0.752	79.5	−24.3	7.7	25.6	162.2	0.1	193	0.0	1.0	0.706	85.1	−64.6	20.7	67.9	162.2
392	0.633	0.865	0.815	79.8	−20.6	0.1	20.6	179.7	0.2	203	0.0	1.0	0.88	86.0	−54.3	0.4	54.3	179.5
393	0.637	0.857	0.861	79.7	−16.9	−6.0	17.9	199.6	0.2	210	0.0	0.982	1.0	85.6	−44.5	−15.8	47.3	199.6
394	0.629	0.822	0.861	77.2	−13.0	−9.7	16.3	216.6	0.2	215	0.0	0.89	1.0	79.0	−34.2	−25.7	42.8	216.9
395	0.667	0.916	1.0	84.9	−14.3	−16.0	21.5	228.2	0.5	219	0.0	0.829	1.0	74.7	−27.7	−32.7	42.8	229.7
396	0.53	0.999	0.0	85.9	−63.0	82.7	104.0	127.3	0.1	118	0.528	1.0	0.0	85.9	−63.0	82.8	104.1	127.2
397	0.456	1.0	0.261	85.5	−66.0	70.5	96.6	133.1	0.4	132	0.309	1.0	0.0	84.4	−75.7	80.9	110.8	133.0
398	0.481	1.0	0.483	86.1	−59.3	49.4	77.2	140.2	1.2	165	0.0	1.0	0.273	83.8	−80.1	67.0	104.4	140.0
399	0.578	1.0	0.697	87.8	−45.2	26.3	52.3	149.7	1.1	180	0.0	1.0	0.513	84.3	−73.3	43.3	85.2	149.4
400	0.673	1.0	0.853	89.6	−31.6	9.5	33.0	163.2	1.2	193	0.0	1.0	0.706	85.1	−64.6	20.7	67.9	162.2
401	0.677	1.0	0.919	90.0	−28.0	1.7	28.0	176.4	1.0	201	0.0	1.0	0.838	85.8	−57.1	4.9	57.3	175.0
402	0.684	1.0	0.977	90.5	−24.5	−4.8	24.9	191.2	0.9	207	0.0	1.0	0.951	86.5	−49.9	−8.4	50.6	189.6
403	0.682	0.983	1.0	89.5	−21.4	−9.1	23.3	203.0	0.5	212	0.0	0.958	1.0	83.9	−42.0	−18.9	46.1	204.2
404	0.676	0.947	1.0	87.1	−17.5	−12.7	21.7	216.0	0.4	215	0.0	0.89	1.0	79.0	−34.2	−25.7	42.8	216.9

delta E'^* = 0.4

5−1132334−F0 RN890−7N, 24/33−F

TUB-prøveplansje RN89; 16-trinns fargetonesirkel, cf=1
farger og fargeavstander, $\Delta E'^*$

input: $rgb/cmyk \rightarrow rgb_{de}$
output: 3D-linearisering til rgb^*_{de}

se lignende filer: http://130.149.60.45/~farbmetrik/RN89/RN89.HTM
teknisk informasjon: http://www.ps.bam.de eller http://130.149.60.45/~farbmetrik

http://130.149.60.45/~farbmetrik/RN89/RN89L0FP.PDF /.PS; 3D-linearisering
F: 3D-linearisering RN89/RN89LJ30FP.DAT i fil (F), side 25/33

n	HIC*Fde	rgb_Fde			ict_Fde			hsi_F,de	rgb*Fde			LabCh*Fde				
405	R00Y_062_062de	0.625	0.0	0.0	0.625	0.625	0.312	390	0.625	0.0	0.164	31.8	48.9	23.3	54.2	25.4
406	R31Y_062_062de	0.625	0.0	0.125	0.625	0.625	0.312	379	0.625	0.0	0.247	32.1	49.9	11.7	51.2	13.2
407	R11Y_062_062de	0.625	0.0	0.25	0.625	0.625	0.312	367	0.625	0.0	0.333	32.7	51.3	−0.1	51.3	359.8
408	B69R_062_062de	0.625	0.0	0.375	0.625	0.625	0.312	353	0.625	0.0	0.398	33.2	52.5	−8.8	53.3	350.4
409	B59R_062_062de	0.625	0.0	0.5	0.625	0.625	0.312	341	0.625	0.0	0.495	34.1	55.1	−21.1	59.0	339.0
410	B50R_062_062de	0.625	0.0	0.625	0.625	0.625	0.312	330	0.625	0.0	0.619	35.7	58.8	−35.9	68.9	328.6
411	B42R_075_075de	0.625	0.0	0.75	0.75	0.75	0.375	321	0.588	0.0	0.75	36.4	65.2	−54.6	85.1	320.0
412	B36R_087_087de	0.625	0.0	0.875	0.875	0.875	0.437	314	0.497	0.0	0.875	35.7	71.1	−75.1	103.5	313.4
413	B31R_100_100de	0.625	0.0	1.0	1.0	1.0	0.5	308	0.263	0.0	1.0	32.8	76.9	−99.3	125.7	307.7
414	R18Y_062_062de	0.625	0.125	0.0	0.625	0.625	0.312	41	0.625	0.0	0.038	31.5	48.2	37.3	61.0	37.7
415	R00Y_062_050de	0.625	0.125	0.125	0.625	0.5	0.375	390	0.625	0.125	0.256	37.3	39.1	18.6	43.3	25.4
416	R26Y_062_050de	0.625	0.125	0.25	0.625	0.5	0.375	376	0.625	0.125	0.339	37.7	40.2	7.0	40.8	9.8
417	R00Y_062_050de	0.625	0.125	0.375	0.625	0.5	0.375	360	0.625	0.125	0.433	38.4	41.8	−5.8	42.2	352.0
418	B61R_062_050de	0.625	0.125	0.5	0.625	0.5	0.375	344	0.625	0.125	0.498	39.0	43.3	−14.1	45.6	341.8
419	B50R_062_050de	0.625	0.125	0.625	0.625	0.5	0.375	330	0.625	0.125	0.62	40.5	47.0	−28.7	55.1	328.6
420	B40R_075_062de	0.625	0.125	0.75	0.75	0.625	0.437	319	0.58	0.125	0.75	41.0	53.3	−47.7	71.5	318.1
421	B34R_087_075de	0.625	0.125	0.875	0.875	0.75	0.5	311	0.458	0.125	0.875	39.7	59.3	−69.1	91.1	310.5
422	B29R_100_087de	0.625	0.125	1.0	1.0	0.875	0.562	305	0.125	0.227	1.0	40.2	61.2	−87.7	107.0	304.9
423	R38Y_062_062de	0.625	0.25	0.0	0.625	0.625	0.312	53	0.625	0.237	0.0	36.4	34.3	42.5	54.7	51.0
424	R23Y_062_050de	0.625	0.25	0.125	0.625	0.5	0.375	44	0.625	0.176	0.125	37.6	37.2	32.4	49.3	41.0
425	R00Y_062_037de	0.625	0.25	0.25	0.625	0.375	0.437	390	0.625	0.25	0.348	42.9	29.3	13.9	32.5	25.4
426	R18Y_062_037de	0.625	0.25	0.375	0.625	0.375	0.437	371	0.625	0.25	0.432	43.3	30.4	2.2	30.5	4.3
427	B65R_062_037de	0.625	0.25	0.5	0.625	0.375	0.437	349	0.625	0.25	0.507	43.9	32.0	−7.6	32.9	346.6
428	B50R_062_037de	0.625	0.25	0.625	0.625	0.375	0.437	330	0.625	0.25	0.621	45.2	35.3	−21.5	41.3	328.6
429	B38R_075_050de	0.625	0.25	0.75	0.75	0.5	0.5	316	0.569	0.25	0.75	45.4	41.4	−40.9	58.2	315.3
430	B30R_087_062de	0.625	0.25	0.875	0.875	0.625	0.562	307	0.341	0.25	0.875	43.4	47.7	−63.7	79.6	306.8
431	B25R_100_075de	0.625	0.25	1.0	1.0	0.75	0.625	300	0.25	0.452	1.0	52.5	39.5	−68.0	78.7	300.1
432	R61Y_062_062de	0.625	0.375	0.0	0.625	0.625	0.312	67	0.625	0.36	0.0	42.2	19.8	46.1	50.2	66.6
433	R50Y_062_050de	0.625	0.375	0.125	0.625	0.5	0.375	60	0.625	0.368	0.125	43.4	21.3	35.4	41.3	58.8
434	R31Y_062_037de	0.625	0.375	0.25	0.625	0.375	0.437	49	0.625	0.358	0.25	44.6	23.6	25.0	34.4	46.6
435	R00Y_062_025de	0.625	0.375	0.375	0.625	0.25	0.5	390	0.625	0.375	0.44	48.5	19.5	9.3	21.6	25.4
436	R00Y_062_025de	0.625	0.375	0.5	0.625	0.25	0.5	360	0.625	0.375	0.529	49.0	20.9	−2.9	21.1	352.0
437	B50R_062_025de	0.625	0.375	0.625	0.625	0.25	0.5	330	0.625	0.375	0.622	50.0	23.5	−14.3	27.5	328.6
438	B34R_075_037de	0.625	0.375	0.75	0.75	0.375	0.562	311	0.541	0.375	0.75	49.6	29.6	−34.5	45.5	310.5
439	B25R_087_050de	0.625	0.375	0.875	0.875	0.5	0.625	300	0.375	0.51	0.875	54.8	26.3	−45.3	52.4	300.1
440	B19R_100_062de	0.625	0.375	1.0	1.0	0.625	0.687	293	0.375	0.62	1.0	63.8	21.7	−49.8	54.3	293.5
441	R81Y_062_062de	0.625	0.5	0.0	0.625	0.625	0.312	79	0.625	0.449	0.0	47.1	8.6	49.3	50.0	80.0
442	R76Y_062_050de	0.625	0.5	0.125	0.625	0.5	0.375	76	0.625	0.467	0.125	48.6	9.1	38.8	39.9	76.7
443	R68Y_062_037de	0.625	0.5	0.25	0.625	0.375	0.437	71	0.625	0.484	0.25	50.1	9.6	28.1	29.7	71.1
444	R50Y_062_025de	0.625	0.5	0.375	0.625	0.25	0.5	60	0.625	0.496	0.375	51.5	10.6	17.7	20.6	58.8
445	R00Y_062_012de	0.625	0.5	0.5	0.625	0.125	0.562	390	0.625	0.5	0.532	54.0	9.7	4.6	10.8	25.4
446	B50R_062_012de	0.625	0.5	0.625	0.625	0.125	0.562	330	0.625	0.5	0.623	54.8	11.7	−7.1	13.7	328.6
447	B25R_075_025de	0.625	0.5	0.75	0.75	0.25	0.625	300	0.5	0.567	0.75	57.2	13.1	−22.6	26.2	300.1
448	B15R_087_037de	0.625	0.5	0.875	0.875	0.375	0.687	289	0.5	0.665	0.875	65.7	10.1	−28.1	29.9	289.7
449	B11R_100_050de	0.625	0.5	1.0	1.0	0.5	0.75	284	0.5	0.75	1.0	73.6	9.1	−34.1	35.3	285.0
450	Y00G_062_062de	0.625	0.625	0.0	0.625	0.625	0.312	90	0.625	0.535	0.0	52.3	−2.1	52.8	52.8	92.3
451	Y00G_062_050de	0.625	0.625	0.125	0.625	0.5	0.375	90	0.625	0.553	0.125	53.7	−1.7	42.2	42.2	92.3
452	Y00G_062_037de	0.625	0.625	0.25	0.625	0.375	0.437	90	0.625	0.571	0.25	55.2	−1.2	31.6	31.7	92.3
453	Y00G_062_025de	0.625	0.625	0.375	0.625	0.25	0.5	90	0.625	0.589	0.375	56.7	−0.8	21.1	21.1	92.3
454	Y00G_062_012de	0.625	0.625	0.5	0.625	0.125	0.562	90	0.625	0.607	0.5	58.1	−0.4	10.5	10.5	92.3
455	NW_062de	0.625	0.625	0.625	0.625	0.0	0.625	360	0.625	0.625	0.625	59.6	0.0	0.0	0.0	0.0
456	B00R_075_012de	0.625	0.625	0.75	0.75	0.125	0.687	270	0.625	0.701	0.75	67.0	0.2	−7.0	7.0	271.7
457	B00R_087_025de	0.625	0.625	0.875	0.875	0.25	0.75	270	0.625	0.777	0.875	74.4	0.4	−14.1	14.1	271.7
458	B00R_100_037de	0.625	0.625	1.0	1.0	0.375	0.812	270	0.625	0.853	1.0	81.8	0.6	−21.2	21.2	271.7
459	Y15G_075_075de	0.625	0.75	0.0	0.75	0.75	0.375	99	0.75	0.749	0.0	69.4	−15.4	68.0	69.7	102.7
460	Y18G_075_062de	0.625	0.75	0.125	0.75	0.625	0.437	101	0.727	0.75	0.125	69.4	−15.2	56.3	58.3	105.1
461	Y23G_075_050de	0.625	0.75	0.25	0.75	0.5	0.5	104	0.703	0.75	0.25	69.3	−14.9	44.4	46.9	108.6
462	Y31G_075_037de	0.625	0.75	0.375	0.75	0.375	0.562	109	0.677	0.75	0.375	69.3	−14.8	32.6	35.8	114.4
463	Y50G_075_025de	0.625	0.75	0.5	0.75	0.25	0.625	120	0.632	0.75	0.5	69.2	−15.7	20.7	26.0	127.2
464	G00B_075_012de	0.625	0.75	0.625	0.75	0.125	0.687	150	0.625	0.75	0.713	70.2	−8.0	2.5	8.4	162.2
465	G50B_075_012de	0.625	0.75	0.75	0.75	0.125	0.687	210	0.625	0.736	0.75	69.5	−4.2	−3.2	5.3	216.9
466	G75B_087_025de	0.625	0.75	0.875	0.875	0.25	0.75	240	0.625	0.815	0.875	77.1	−4.7	−9.9	10.9	244.3
467	G84B_100_037de	0.625	0.75	1.0	1.0	0.375	0.812	251	0.625	0.891	1.0	84.5	−4.7	−17.1	17.8	254.3
468	Y26G_087_087de	0.625	0.875	0.0	0.875	0.875	0.437	106	0.759	0.875	0.0	79.0	−29.5	77.0	82.4	110.9
469	Y31G_087_075de	0.625	0.875	0.125	0.875	0.75	0.5	109	0.729	0.875	0.125	78.9	−29.6	65.3	71.7	114.4
470	Y38G_087_062de	0.625	0.875	0.25	0.875	0.625	0.562	113	0.699	0.875	0.25	78.9	−29.7	53.4	61.1	119.1
471	Y50G_087_050de	0.625	0.875	0.375	0.875	0.5	0.625	120	0.639	0.875	0.375	78.7	−31.5	41.4	52.0	127.2
472	Y68G_087_037de	0.625	0.875	0.5	0.875	0.375	0.687	131	0.5	0.875	0.602	79.1	−30.0	25.1	39.1	140.0
473	G00B_087_025de	0.625	0.875	0.625	0.875	0.25	0.75	150	0.625	0.875	0.801	80.9	−16.1	5.1	16.9	162.2
474	G25B_087_025de	0.625	0.875	0.75	0.875	0.25	0.75	180	0.625	0.875	0.862	81.2	−12.4	−2.1	12.6	189.6
475	G50B_087_025de	0.625	0.875	0.875	0.875	0.25	0.75	210	0.625	0.847	0.875	79.4	−8.5	−6.4	10.7	216.9
476	G65B_100_037de	0.625	0.875	1.0	1.0	0.375	0.812	229	0.625	0.928	1.0	87.1	−9.4	−13.1	16.2	234.3
477	Y36G_100_100de	0.625	1.0	0.0	1.0	1.0	0.5	112	0.743	1.0	0.0	88.4	−45.5	85.7	97.1	117.9
478	Y41G_100_087de	0.625	1.0	0.125	1.0	0.875	0.562	115	0.711	1.0	0.125	88.5	−45.3	74.1	86.9	121.4
479	Y50G_100_075de	0.625	1.0	0.25	1.0	0.75	0.625	120	0.646	1.0	0.25	88.3	−47.2	62.1	78.0	127.2
480	Y61G_100_062de	0.625	1.0	0.375	1.0	0.625	0.687	127	0.457	1.0	0.375	88.1	−50.8	50.0	71.3	135.4
481	Y76G_100_050de	0.625	1.0	0.5	1.0	0.5	0.75	136	0.5	1.0	0.718	89.7	−38.0	25.7	45.9	145.9
482	G00B_100_037de	0.625	1.0	0.625	1.0	0.375	0.812	150	0.625	1.0	0.889	91.5	−24.2	7.7	25.4	162.2
483	G15B_100_037de	0.625	1.0	0.75	1.0	0.375	0.812	169	0.625	1.0	0.955	91.9	−20.3	0.1	20.3	179.5
484	G34B_100_037de	0.625	1.0	0.875	1.0	0.375	0.812	191	0.625	0.993	1.0	91.7	−16.7	−5.9	17.7	199.6
485	G50B_100_037de	0.625	1.0	1.0	1.0	0.375	0.812	210	0.625	0.958	1.0	89.2	−12.8	−9.6	16.0	216.9

n	rgb'*Fde			LabCh'*Fde					DE'*Fde	hsiM,de	rgb*Mde			LabCh*Mde				
405	0.603	0.103	0.172	31.5	49.2	23.1	54.4	25.1	0.4	375	1.0	0.0	0.263	50.9	78.3	37.3	86.7	25.4
406	0.603	0.104	0.25	31.9	50.3	11.3	51.6	12.6	0.6	366	1.0	0.0	0.395	51.4	79.8	18.7	82.0	13.2
407	0.6	0.107	0.329	32.4	51.6	−0.7	51.6	359.2	0.6	357	1.0	0.0	0.533	52.3	82.1	−0.2	82.1	359.8
408	0.599	0.111	0.39	33.0	52.8	−9.4	53.6	349.9	0.6	350	1.0	0.0	0.637	53.1	84.1	−14.2	85.3	350.4
409	0.599	0.114	0.479	34.0	55.3	−21.6	59.4	338.5	0.6	341	1.0	0.0	0.793	54.7	88.2	−33.8	94.5	339.0
410	0.597	0.124	0.591	35.6	58.6	−36.0	68.8	328.4	0.2	330	1.0	0.0	0.991	57.1	94.1	−57.4	110.3	328.6
411	0.575	0.084	0.725	36.1	65.7	−55.0	85.7	320.0	0.7	318	0.784	0.0	1.0	48.6	87.0	−72.8	113.5	320.0
412	0.501	0.04	0.861	35.6	71.7	−75.3	104.0	313.5	0.5	304	0.568	0.0	1.0	40.8	81.3	−85.9	118.3	313.4
413	0.264	0.0	0.999	32.8	76.9	−99.4	125.7	307.7	0.0	284	0.263	0.0	1.0	32.8	76.9	−99.3	125.7	307.7
414	0.605	0.101	0.064	31.3	48.6	38.2	61.8	38.1	1.0	386	1.0	0.0	0.062	50.5	77.2	59.7	97.6	37.7
415	0.619	0.237	0.251	37.2	39.2	18.3	43.2	25.0	0.3	375	1.0	0.0	0.263	50.9	78.3	37.3	86.7	25.4
416	0.614	0.24	0.33	37.6	40.2	6.6	40.7	9.3	0.4	364	1.0	0.0	0.429	51.6	80.5	14.0	81.7	9.8
417	0.608	0.245	0.421	38.3	41.6	−6.2	42.1	351.4	0.4	352	1.0	0.0	0.617	52.9	83.6	−11.6	84.4	352.0
418	0.607	0.25	0.482	38.9	43.2	−14.5	45.5	341.3	0.4	344	1.0	0.0	0.747	54.1	86.7	−28.3	91.2	341.8
419	0.605	0.256	0.593	40.4	46.8	−28.8	55.0	328.3	0.2	330	1.0	0.0	0.991	57.1	94.1	−57.4	110.3	328.6
420	0.58	0.243	0.728	40.8	53.2	−47.8	71.5	318.0	0.1	314	0.729	0.0	1.0	46.5	85.3	−76.3	114.5	318.1
421	0.495	0.216	0.865	39.5	59.8	−69.4	91.6	310.7	0.5	296	0.444	0.0	1.0	37.0	79.0	−92.2	121.5	310.5
422	0.342	0.243	1.0	40.0	60.9	−87.4	106.5	304.8	0.5	263	0.0	0.116	1.0	32.3	70.0	−100.3	122.3	304.9
423	0.602	0.246	0.051	36.4	34.2	43.3	55.2	51.6	0.7	52	1.0	0.379	0.0	58.3	54.9	68.1	87.5	51.0
424	0.623	0.247	0.156	37.5	36.9	32.5	49.2	41.3	0.3	35	1.0	0.102	0.0	51.3	74.4	64.8	98.7	41.0
425	0.626	0.335	0.332	42.7	29.2	13.6	32.2	25.0	0.4	375	1.0	0.0	0.263	50.9	78.3	37.3	86.7	25.4
426	0.617	0.339	0.415	43.1	30.3	1.8	30.3	3.4	0.5	360	1.0	0.0	0.486	51.9	81.1	6.1	81.3	4.3
427	0.613	0.343	0.488	43.8	32.0	−8.1	33.0	345.7	0.5	347	1.0	0.0	0.686	53.6	85.5	−20.3	87.9	346.6
428	0.609	0.351	0.595	45.1	35.1	−21.7	41.2	328.2	0.2	330	1.0	0.0	0.991	57.1	94.1	−57.4	110.3	328.6
429	0.578	0.339	0.73	45.2	41.4	−41.2	58.4	315.1	0.3	309	0.638	0.0	1.0	43.2	82.9	−81.9	116.5	315.3
430	0.477	0.311	0.868	43.2	47.9	−63.9	79.9	306.8	0.3	277	0.145	0.0	1.0	31.2	76.3	−102.0	127.4	306.8
431	0.474	0.443	1.0	52.3	38.8	−67.2	77.6	300.0	1.1	254	0.0	0.27	1.0	38.2	52.7	−90.7	104.9	300.1
432	0.6	0.354	0.06	42.1	19.7	46.9	50.9	67.2	0.8	65	1.0	0.576	0.0	67.6	31.8	73.8	80.4	66.6
433	0.614	0.364	0.18	43.4	21.0	35.7	41.4	59.5	0.4	59	1.0	0.487	0.0	63.1	42.7	70.8	82.7	58.8
434	0.63	0.371	0.271	44.6	23.3	24.9	34.1	46.9	0.3	46	1.0	0.29	0.0	55.4	63.0	66.8	91.8	46.6
435	0.624	0.425	0.417	48.3	19.1	8.9	21.1	25.1	0.5	375	1.0	0.0	0.263	50.9	78.3	37.3	86.7	25.4
436	0.612	0.43	0.507	48.9	20.6	−3.2	20.9	351.0	0.4	352	1.0	0.0	0.617	52.9	83.6	−11.6	84.4	352.0
437	0.608	0.438	0.595	49.9	23.1	−14.4	27.2	328.0	0.4	330	1.0	0.0	0.991	57.1	94.1	−57.4	110.3	328.6
438	0.569	0.424	0.732	49.5	29.2	−34.6	45.3	310.2	0.3	296	0.444	0.0	1.0	37.0	79.0	−92.2	121.5	310.5
439	0.545	0.495	0.869	54.9	26.0	−45.2	52.2	299.9	0.3	254	0.0	0.27	1.0	38.2	52.7	−90.7	104.9	300.1
440	0.573	0.604	1.0	63.6	21.1	−49.1	53.4	293.3	0.9	247	0.0	0.392	1.0	44.9	34.7	−79.7	86.9	293.5
441	0.598	0.435	0.072	47.1	8.2	50.1	50.8	80.7	0.9	74	1.0	0.719	0.0	75.5	13.8	78.9	80.1	80.0
442	0.609	0.45	0.197	48.5	8.6	39.2	40.1	77.5	0.6	72	1.0	0.684	0.0	73.5	18.3	77.7	79.8	76.7
443	0.616	0.466	0.298	50.1	9.0	28.1	29.5	72.1	0.5	68	1.0	0.626	0.0	70.1	25.6	75.1	79.3	71.1
444	0.622	0.48	0.388	51.5	10.2	17.5	20.3	59.6	0.4	59	1.0	0.487	0.0	63.1	42.7	70.8	82.7	58.8
445	0.616	0.512	0.506	54.1	9.4	4.4	10.4	25.3	0.3	375	1.0	0.0	0.263	50.9	78.3	37.3	86.7	25.4
446	0.602	0.518	0.595	54.8	11.2	−7.1	13.3	327.7	0.5	330	1.0	0.0	0.991	57.1	94.1	−57.4	110.3	328.6
447	0.578	0.545	0.731	57.1	12.7	−22.6	26.0	299.3	0.4	254	0.0	0.27	1.0	38.2	52.7	−90.7	104.9	300.1
448	0.62	0.644	0.867	65.5	10.0	−28.3	30.0	289.6	0.2	243	0.0	0.44	1.0	47.9	26.9	−75.0	79.7	289.7
449	0.665	0.737	1.0	73.4	8.7	−33.6	34.8	284.5	0.6	239	0.0	0.5	1.0	51.8	18.3	−68.3	70.7	285.0
450	0.598	0.514	0.085	52.3	−2.5	53.5	53.5	92.7	0.8	82	1.0	0.856	0.0	83.7	−3.4	84.5	84.5	92.3
451	0.607	0.53	0.218	53.8	−2.1	42.5	42.6	92.8	0.5	82	1.0	0.856	0.0	83.7	−3.4	84.5	84.5	92.3
452	0.61	0.545	0.318	55.2	−1.7	31.7	31.8	93.1	0.4	82	1.0	0.856	0.0	83.7	−3.4	84.5	84.5	92.3
453	0.61	0.56	0.413	56.6	−1.1	20.8	20.9	93.1	0.4	82	1.0	0.856	0.0	83.7	−3.4	84.5	84.5	92.3
454	0.604	0.577	0.505	58.0	−0.5	10.1	10.2	93.3	0.4	82	1.0	0.856	0.0	83.7	−3.4	84.5	84.5	92.3
455	0.59	0.593	0.594	59.4	−0.2	−0.1	0.3	206.3	0.3	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
456	0.646	0.675	0.726	66.8	0.0	−7.2	7.2	270.5	0.2	232	0.0	0.609	1.0	59.2	1.7	−56.6	56.6	271.7
457	0.701	0.76	0.864	74.3	0.3	−14.3	14.3	271.2	0.2	232	0.0	0.609	1.0	59.2	1.7	−56.6	56.6	271.7
458	0.752	0.846	1.0	81.7	0.3	−20.8	20.8	270.9	0.5	232	0.0	0.609	1.0	59.2	1.7	−56.6	56.6	271.7
459	0.725	0.723	0.086	69.2	−15.7	68.4	70.2	102.9	0.5	89	1.0	0.999	0.0	92.6	−20.6	90.7	93.0	102.7
460	0.714	0.723	0.251	69.2	−15.3	56.1	58.1	105.2	0.3	91	0.963	1.0	0.0	92.0	−24.3	90.1	93.3	105.1
461	0.696	0.723	0.357	69.1	−15.1	44.2	46.8	108.9	0.3	94	0.906	1.0	0.0	91.0	−29.9	88.9	93.8	108.6
462	0.673	0.724	0.452	69.1	−15.0	32.3	35.7	114.9	0.3	100	0.806	1.0	0.0	89.4	−39.5	87.0	95.6	114.4
463	0.635	0.728	0.543	69.0	−15.9	20.4	25.9	127.9	0.3	118	0.528	1.0	0.0	85.9	−63.0	82.8	104.1	127.2
464	0.65	0.728	0.689	70.1	−8.3	2.5	8.7	162.8	0.3	193	0.0	1.0	0.706	85.1	−64.6	20.7	67.9	162.2
465	0.652	0.712	0.724	69.3	−4.4	−3.2	5.5	216.2	0.2	215	0.0	0.89	1.0	79.0	−34.2	−25.7	42.8	216.9
466	0.702	0.801	0.861	76.9	−5.0	−10.0	11.2	243.3	0.3	223	0.0	0.763	1.0	70.0	−19.0	−39.6	43.9	244.3
467	0.752	0.889	1.0	84.4	−5.0	−16.7	17.5	253.2	0.4	226	0.0	0.71	1.0	66.3	−12.7	−45.7	47.4	254.3
468	0.749	0.86	0.053	78.9	−29.6	77.4	82.9	110.9	0.4	96	0.868	1.0	0.0	90.3	−33.7	88.0	94.2	110.9
469	0.73	0.86	0.259	78.8	−29.8	65.2	71.7	114.5	0.1	100	0.806	1.0	0.0	89.4	−39.5	87.0	95.6	114.4
470	0.709	0.861	0.378	78.8	−29.9	53.1	61.0	119.3	0.3	105	0.719	1.0	0.0	88.1	−47.6	85.4	97.8	119.1
471	0.664	0.864	0.479	78.6	−31.7	41.1	51.9	127.6	0.3	118	0.528	1.0	0.0	85.9	−63.0	82.8	104.1	127.2
472	0.634	0.869	0.612	79.0	−30.2	25.1	39.3	140.2	0.2	165	0.0	1.0	0.273	83.8	−80.1	67.0	104.4	140.0
473	0.706	0.865	0.788	80.7	−16.4	5.0	17.1	162.8	0.3	193	0.0	1.0	0.706	85.1	−64.6	20.7	67.9	162.2
474	0.714	0.864	0.849	81.1	−12.7	−2.2	12.9	189.8	0.2	207	0.0	1.0	0.951	86.5	−49.9	−8.4	50.6	189.6
475	0.707	0.835	0.86	79.2	−8.9	−6.5	11.0	216.3	0.4	215	0.0	0.89	1.0	79.0	−34.2	−25.7	42.8	216.9
476	0.756	0.929	1.0	87.0	−9.7	−12.8	16.1	232.6	0.4	220	0.0	0.808	1.0	73.3	−25.2	−35.1	43.2	234.3
477	0.742	0.999	0.0	88.4	−45.6	85.7	97.0	118.0	0.1	104	0.743	1.0	0.0	88.4	−45.5	85.7	97.1	117.9
478	0.725	1.0	0.263	88.3	−45.4	74.1	86.9	121.4	0.1	108	0.67	1.0	0.0	87.5	−51.8	84.7	99.3	121.4
479	0.68	1.0	0.394	88.0	−47.1	61.7	77.6	127.3	0.5	118	0.528	1.0	0.0	85.9	−63.0	82.8	104.1	127.2
480	0.61	1.0	0.501	87.4	−49.9	49.2	70.1	135.4	1.3	142	0.132	1.0	0.0	83.7	−81.2	80.1	114.1	135.4
481	0.676	1.0	0.724	89.0	−37.2	24.8	44.7	146.2	1.4	175	0.0	1.0	0.436	84.1	−76.0	51.4	91.8	145.9
482	0.764	1.0	0.874	90.9	−24.0	8.8	25.6	159.8	1.2	193	0.0	1.0	0.706	85.1	−64.6	20.7	67.9	162.2
483	0.769	1.0	0.954	91.4	−19.8	−0.4	19.8	181.3	0.9	203	0.0	1.0	0.88	86.0	−54.3	0.4	54.3	179.5
484	0.774	0.997	1.0	91.6	−16.8	−5.8	17.8	199.1	0.2	210	0.0	0.982	1.0	85.6	−44.5	−15.8	47.3	199.6
485	0.765	0.961	1.0	89.2	−13.1	−9.5	16.2	216.1	0.2	215	0.0	0.89	1.0	79.0	−34.2	−25.7	42.8	216.9

delta E'* = 0.4

5−1132434−F0

RN890−7N, 25/33−F

TUB-prøveplansje RN89; 16-trinns fargetonesirkel, *cf*=1
farger og fargeavstander, Δ*E'**

input: *rgb/cmyk* −> *rgb*de
output: 3D-linearisering til *rgb**de

5−1132434−F0

TUB registrering: 20150701-RN89/RN89L0FP.PDF /.PS TUB-material: code=rha4ta
anvendelse for måling av display output, ingen separasjon rgb* (RGB)

n	HIC*Fde	rgb_Fde			ict_Fde			hsi_F,de	rgb*Fde			LabCh*Fde				
486	R00Y_075_075de	0.75	0.0	0.0	0.75	0.75	0.375	390	0.75	0.0	0.197	38.1	58.7	27.9	65.0	25.4
487	R35Y_075_075de	0.75	0.0	0.125	0.75	0.75	0.375	381	0.75	0.0	0.279	38.5	59.4	16.4	61.6	15.4
488	R18Y_075_075de	0.75	0.0	0.25	0.75	0.75	0.375	371	0.75	0.0	0.364	38.9	60.8	4.5	61.0	4.3
489	R00Y_075_075de	0.75	0.0	0.375	0.75	0.75	0.375	360	0.75	0.0	0.463	39.7	62.7	−8.7	63.3	352.0
490	B65R_075_075de	0.75	0.0	0.5	0.75	0.75	0.375	349	0.75	0.0	0.514	40.2	64.1	−15.2	65.9	346.6
491	B57R_075_075de	0.75	0.0	0.625	0.75	0.75	0.375	339	0.75	0.0	0.618	41.3	66.8	−28.1	72.5	337.1
492	B50R_075_075de	0.75	0.0	0.75	0.75	0.75	0.375	330	0.75	0.0	0.743	42.8	70.6	−43.0	82.7	328.6
493	B43R_087_087de	0.75	0.0	0.875	0.875	0.875	0.437	322	0.709	0.0	0.875	43.4	76.9	−62.2	98.9	321.0
494	B38R_100_100de	0.75	0.0	1.0	1.0	1.0	0.5	316	0.638	0.0	1.0	43.2	82.9	−81.9	116.5	315.3
495	R15Y_075_075de	0.75	0.125	0.0	0.75	0.75	0.375	39	0.75	0.0	0.092	37.9	57.9	41.3	71.1	35.5
496	R00Y_075_062de	0.75	0.125	0.125	0.75	0.625	0.437	390	0.75	0.125	0.289	43.7	48.9	23.3	54.2	25.4
497	R31Y_075_062de	0.75	0.125	0.25	0.75	0.625	0.437	379	0.75	0.125	0.372	44.0	49.9	11.7	51.2	13.2
498	R11Y_075_062de	0.75	0.125	0.375	0.75	0.625	0.437	367	0.75	0.125	0.458	44.6	51.3	−0.1	51.3	359.8
499	B69R_075_062de	0.75	0.125	0.5	0.75	0.625	0.437	353	0.75	0.125	0.523	45.1	52.5	−8.8	53.3	350.4
500	B59R_075_062de	0.75	0.125	0.625	0.75	0.625	0.437	341	0.75	0.125	0.62	46.1	55.1	−21.1	59.0	339.0
501	B50R_075_062de	0.75	0.125	0.75	0.75	0.625	0.437	330	0.75	0.125	0.744	47.6	58.8	−35.9	68.9	328.6
502	B42R_087_075de	0.75	0.125	0.875	0.875	0.75	0.5	321	0.713	0.125	0.875	48.4	65.2	−54.6	85.1	320.0
503	B36R_100_087de	0.75	0.125	1.0	1.0	0.875	0.562	314	0.622	0.125	1.0	47.6	71.1	−75.1	103.5	313.4
504	R31Y_075_075de	0.75	0.25	0.0	0.75	0.75	0.375	49	0.75	0.217	0.0	41.5	47.3	50.1	68.9	46.6
505	R18Y_075_062de	0.75	0.25	0.125	0.75	0.625	0.437	41	0.75	0.125	0.163	43.5	48.2	37.3	61.0	37.7
506	R00Y_075_050de	0.75	0.25	0.25	0.75	0.5	0.5	390	0.75	0.25	0.381	49.3	39.1	18.6	43.3	25.4
507	R26Y_075_050de	0.75	0.25	0.375	0.75	0.5	0.5	376	0.75	0.25	0.464	49.6	40.2	7.0	40.8	9.8
508	R00Y_075_050de	0.75	0.25	0.5	0.75	0.5	0.5	360	0.75	0.25	0.558	50.3	41.8	−5.8	42.2	352.0
509	B61R_075_050de	0.75	0.25	0.625	0.75	0.5	0.5	344	0.75	0.25	0.623	50.9	43.3	−14.1	45.6	341.8
510	B50R_075_050de	0.75	0.25	0.75	0.75	0.5	0.5	330	0.75	0.25	0.745	52.4	47.0	−28.7	55.1	328.6
511	B40R_087_062de	0.75	0.25	0.875	0.875	0.625	0.562	319	0.705	0.25	0.875	52.9	53.3	−47.7	71.5	318.1
512	B34R_100_075de	0.75	0.25	1.0	1.0	0.75	0.625	311	0.583	0.25	1.0	51.6	59.3	−69.1	91.1	310.5
513	R50Y_075_075de	0.75	0.375	0.0	0.75	0.75	0.375	60	0.75	0.365	0.0	47.3	32.0	53.1	62.0	58.8
514	R38Y_075_062de	0.75	0.375	0.125	0.75	0.625	0.437	53	0.75	0.362	0.125	48.4	34.3	42.5	54.7	51.0
515	R23Y_075_050de	0.75	0.375	0.25	0.75	0.5	0.5	44	0.75	0.301	0.25	49.5	37.2	32.4	49.3	41.0
516	R00Y_075_037de	0.75	0.375	0.375	0.75	0.375	0.562	390	0.75	0.375	0.473	54.8	29.3	13.9	32.5	25.4
517	R18Y_075_037de	0.75	0.375	0.5	0.75	0.375	0.562	371	0.75	0.375	0.557	55.2	30.4	2.2	30.5	4.3
518	B65R_075_037de	0.75	0.375	0.625	0.75	0.375	0.562	349	0.75	0.375	0.632	55.8	32.0	−7.6	32.9	346.6
519	B50R_075_037de	0.75	0.375	0.75	0.75	0.375	0.562	330	0.75	0.375	0.746	57.2	35.3	−21.5	41.3	328.6
520	B38R_087_050de	0.75	0.375	0.875	0.875	0.5	0.625	316	0.694	0.375	0.875	57.3	41.4	−40.9	58.2	315.3
521	B30R_100_062de	0.75	0.375	1.0	1.0	0.625	0.687	307	0.466	0.375	1.0	55.3	47.7	−63.7	79.6	306.8
522	R68Y_075_075de	0.75	0.5	0.0	0.75	0.75	0.375	71	0.75	0.469	0.0	52.6	19.2	56.3	59.5	71.1
523	R61Y_075_062de	0.75	0.5	0.125	0.75	0.625	0.437	67	0.75	0.485	0.125	54.1	19.8	46.1	50.2	66.6
524	R50Y_075_050de	0.75	0.5	0.25	0.75	0.5	0.5	60	0.75	0.493	0.25	55.4	21.3	35.4	41.3	58.8
525	R31Y_075_037de	0.75	0.5	0.375	0.75	0.375	0.562	49	0.75	0.483	0.375	56.5	23.6	25.0	34.4	46.6
526	R00Y_075_025de	0.75	0.5	0.5	0.75	0.25	0.625	390	0.75	0.5	0.565	60.4	19.5	9.3	21.6	25.4
527	R00Y_075_025de	0.75	0.5	0.625	0.75	0.25	0.625	360	0.75	0.5	0.654	60.9	20.9	−2.9	21.1	352.0
528	B50R_075_025de	0.75	0.5	0.75	0.75	0.25	0.625	330	0.75	0.5	0.747	62.0	23.5	−14.3	27.5	328.6
529	B34R_087_037de	0.75	0.5	0.875	0.875	0.375	0.687	311	0.666	0.5	0.875	61.6	29.6	−34.5	45.5	310.5
530	B25R_100_050de	0.75	0.5	1.0	1.0	0.5	0.75	300	0.5	0.635	1.0	66.8	26.3	−45.3	52.4	300.1
531	R85Y_075_075de	0.75	0.625	0.0	0.75	0.75	0.375	81	0.75	0.557	0.0	57.6	8.0	59.7	60.2	82.2
532	R81Y_075_062de	0.75	0.625	0.125	0.75	0.625	0.437	79	0.75	0.574	0.125	59.1	8.6	49.3	50.0	80.0
533	R76Y_075_050de	0.75	0.625	0.25	0.75	0.5	0.5	76	0.75	0.592	0.25	60.6	9.1	38.8	39.9	76.7
534	R68Y_075_037de	0.75	0.625	0.375	0.75	0.375	0.562	71	0.75	0.609	0.375	62.0	9.6	28.1	29.7	71.1
535	R50Y_075_025de	0.75	0.625	0.5	0.75	0.25	0.625	60	0.75	0.621	0.5	63.4	10.6	17.7	20.6	58.8
536	R00Y_075_012de	0.75	0.625	0.625	0.75	0.125	0.687	390	0.75	0.625	0.657	65.9	9.7	4.6	10.8	25.4
537	B50R_075_012de	0.75	0.625	0.75	0.75	0.125	0.687	330	0.75	0.625	0.748	66.7	11.7	−7.1	13.7	328.6
538	B25R_087_025de	0.75	0.625	0.875	0.875	0.25	0.75	300	0.625	0.692	0.875	69.1	13.1	−22.6	26.2	300.1
539	B15R_100_037de	0.75	0.625	1.0	1.0	0.375	0.812	289	0.625	0.79	1.0	77.6	10.1	−28.1	29.9	289.7
540	Y00G_075_075de	0.75	0.75	0.0	0.75	0.75	0.375	90	0.75	0.642	0.0	62.7	−2.5	63.3	63.4	92.3
541	Y00G_075_062de	0.75	0.75	0.125	0.75	0.625	0.437	90	0.75	0.66	0.125	64.2	−2.1	52.8	52.8	92.3
542	Y00G_075_050de	0.75	0.75	0.25	0.75	0.5	0.5	90	0.75	0.678	0.25	65.7	−1.7	42.2	42.2	92.3
543	Y00G_075_037de	0.75	0.75	0.375	0.75	0.375	0.562	90	0.75	0.696	0.375	67.1	−1.2	31.6	31.7	92.3
544	Y00G_075_025de	0.75	0.75	0.5	0.75	0.25	0.625	90	0.75	0.714	0.5	68.6	−0.8	21.1	21.1	92.3
545	Y00G_075_012de	0.75	0.75	0.625	0.75	0.125	0.687	90	0.75	0.732	0.625	70.0	−0.4	10.5	10.5	92.3
546	NW_075de	0.75	0.75	0.75	0.75	0.0	0.75	360	0.75	0.75	0.75	71.5	0.0	0.0	0.0	0.0
547	B00R_087_012de	0.75	0.75	0.875	0.875	0.125	0.812	270	0.75	0.826	0.875	78.9	0.2	−7.0	7.0	271.7
548	B00R_100_025de	0.75	0.75	1.0	1.0	0.25	0.875	270	0.75	0.902	1.0	86.3	0.4	−14.1	14.1	271.7
549	Y13G_087_087de	0.75	0.875	0.0	0.875	0.875	0.437	98	0.875	0.86	0.0	80.1	−16.2	78.8	80.5	101.6
550	Y15G_087_075de	0.75	0.875	0.125	0.875	0.75	0.5	99	0.875	0.874	0.125	81.3	−15.4	68.0	69.7	102.7
551	Y18G_087_062de	0.75	0.875	0.25	0.875	0.625	0.562	101	0.852	0.875	0.25	81.3	−15.2	56.3	58.3	105.1
552	Y23G_087_050de	0.75	0.875	0.375	0.875	0.5	0.625	104	0.828	0.875	0.375	81.2	−14.9	44.4	46.9	108.6
553	Y31G_087_037de	0.75	0.875	0.5	0.875	0.375	0.687	109	0.802	0.875	0.5	81.2	−14.8	32.6	35.8	114.4
554	Y50G_087_025de	0.75	0.875	0.625	0.875	0.25	0.75	120	0.757	0.875	0.625	81.1	−15.7	20.7	26.0	127.2
555	G00B_087_012de	0.75	0.875	0.75	0.875	0.125	0.812	150	0.75	0.875	0.838	82.2	−8.0	2.5	8.4	162.2
556	G50B_087_012de	0.75	0.875	0.875	0.875	0.125	0.812	210	0.75	0.861	0.875	81.4	−4.2	−3.2	5.3	216.9
557	G75B_100_025de	0.75	0.875	1.0	1.0	0.25	0.875	240	0.75	0.94	1.0	89.0	−4.7	−9.9	10.9	244.3
558	Y23G_100_100de	0.75	1.0	0.0	1.0	1.0	0.5	104	0.906	1.0	0.0	91.0	−29.9	88.9	93.8	108.6
559	Y26G_100_087de	0.75	1.0	0.125	1.0	0.875	0.562	106	0.884	1.0	0.125	90.9	−29.5	77.0	82.4	110.9
560	Y31G_100_075de	0.75	1.0	0.25	1.0	0.75	0.625	109	0.854	1.0	0.25	90.9	−29.6	65.3	71.7	114.4
561	Y38G_100_062de	0.75	1.0	0.375	1.0	0.625	0.687	113	0.824	1.0	0.375	90.8	−29.7	53.4	61.1	119.1
562	Y50G_100_050de	0.75	1.0	0.5	1.0	0.5	0.75	120	0.764	1.0	0.5	90.7	−31.5	41.4	52.0	127.2
563	Y68G_100_037de	0.75	1.0	0.625	1.0	0.375	0.812	131	0.625	1.0	0.727	91.0	−30.0	25.1	39.1	140.0
564	G00B_100_025de	0.75	1.0	0.75	1.0	0.25	0.875	150	0.75	1.0	0.926	92.8	−16.1	5.1	16.9	162.2
565	G25B_100_025de	0.75	1.0	0.875	1.0	0.25	0.875	180	0.75	1.0	0.987	93.1	−12.4	−2.1	12.6	189.6
566	G50B_100_025de	0.75	1.0	1.0	1.0	0.25	0.875	210	0.75	0.972	1.0	91.3	−8.5	−6.4	10.7	216.9

n	rgb'*Fde			LabCh'*Fde					DE'*Fde	hsiM,de	rgb*Mde			LabCh*Mde				
486	0.731	0.086	0.201	37.8	59.2	27.8	65.4	25.1	0.6	375	1.0	0.0	0.263	50.9	78.3	37.3	86.7	25.4
487	0.729	0.092	0.281	38.2	59.8	15.9	61.9	14.9	0.6	368	1.0	0.0	0.373	51.3	79.2	21.9	82.2	15.4
488	0.729	0.09	0.362	38.6	61.3	4.0	61.4	3.7	0.8	360	1.0	0.0	0.486	51.9	81.1	6.1	81.3	4.3
489	0.728	0.097	0.457	39.4	63.0	−9.4	63.7	351.4	0.7	352	1.0	0.0	0.617	52.9	83.6	−11.6	84.4	352.0
490	0.73	0.093	0.504	39.9	64.6	−15.8	66.5	346.1	0.7	347	1.0	0.0	0.686	53.6	85.5	−20.3	87.9	346.6
491	0.729	0.098	0.6	41.0	67.1	−28.4	72.9	337.0	0.4	339	1.0	0.0	0.824	55.0	89.1	−37.5	96.7	337.1
492	0.727	0.108	0.719	42.6	70.7	−43.3	82.9	328.5	0.3	330	1.0	0.0	0.991	57.1	94.1	−57.4	110.3	328.6
493	0.7	0.055	0.86	43.1	77.2	−62.6	99.4	320.9	0.5	319	0.811	0.0	1.0	49.6	87.9	−71.1	113.0	321.0
494	0.637	0.0	1.0	43.1	82.8	−82.0	116.5	315.2	0.1	309	0.638	0.0	1.0	43.2	82.9	−81.9	116.5	315.3
495	0.731	0.088	0.101	37.6	58.3	41.6	71.7	35.5	0.6	383	1.0	0.0	0.123	50.5	77.2	55.0	94.8	35.5
496	0.749	0.256	0.282	43.6	48.7	23.1	53.9	25.3	0.2	375	1.0	0.0	0.263	50.9	78.3	37.3	86.7	25.4
497	0.746	0.257	0.363	44.0	49.8	11.4	51.1	12.9	0.2	366	1.0	0.0	0.395	51.4	79.8	18.7	82.0	13.2
498	0.742	0.26	0.448	44.5	51.2	−0.5	51.2	359.3	0.4	357	1.0	0.0	0.533	52.3	82.1	−0.2	82.1	359.8
499	0.74	0.263	0.512	45.0	52.5	−9.2	53.4	349.9	0.4	350	1.0	0.0	0.637	53.1	84.1	−14.2	85.3	350.4
500	0.738	0.267	0.603	45.9	55.1	−21.2	59.0	338.9	0.1	341	1.0	0.0	0.793	54.7	88.2	−33.8	94.5	339.0
501	0.736	0.274	0.722	47.4	58.8	−36.0	69.0	328.5	0.2	330	1.0	0.0	0.991	57.1	94.1	−57.4	110.3	328.6
502	0.716	0.261	0.863	48.2	65.2	−54.7	85.1	319.9	0.2	318	0.784	0.0	1.0	48.6	87.0	−72.8	113.5	320.0
503	0.645	0.238	1.0	47.4	71.0	−74.9	103.2	313.4	0.3	304	0.568	0.0	1.0	40.8	81.3	−85.9	118.3	313.4
504	0.731	0.231	0.035	41.3	47.5	50.5	69.3	46.7	0.5	46	1.0	0.29	0.0	55.4	63.0	66.8	91.8	46.6
505	0.754	0.254	0.178	43.4	48.0	37.6	61.0	38.0	0.3	386	1.0	0.0	0.062	50.5	77.2	59.7	97.6	37.7
506	0.762	0.363	0.365	49.2	39.0	18.4	43.1	25.2	0.2	375	1.0	0.0	0.263	50.9	78.3	37.3	86.7	25.4
507	0.755	0.367	0.449	49.6	40.0	6.6	40.6	9.4	0.3	364	1.0	0.0	0.429	51.6	80.5	14.0	81.7	9.8
508	0.747	0.373	0.543	50.3	41.5	−5.9	41.9	351.7	0.3	352	1.0	0.0	0.617	52.9	83.6	−11.6	84.4	352.0
509	0.744	0.377	0.606	50.9	43.0	−14.0	45.2	341.8	0.3	344	1.0	0.0	0.747	54.1	86.7	−28.3	91.2	341.8
510	0.743	0.385	0.724	52.4	46.7	−28.6	54.8	328.4	0.3	330	1.0	0.0	0.991	57.1	94.1	−57.4	110.3	328.6
511	0.719	0.375	0.866	52.9	53.0	−47.7	71.3	318.0	0.2	314	0.729	0.0	1.0	46.5	85.3	−76.3	114.5	318.1
512	0.636	0.35	1.0	51.4	58.9	−68.5	90.3	310.6	0.7	296	0.444	0.0	1.0	37.0	79.0	−92.2	121.5	310.5
513	0.729	0.364	0.045	47.2	31.9	53.8	62.5	59.3	0.6	59	1.0	0.487	0.0	63.1	42.7	70.8	82.7	58.8
514	0.748	0.369	0.176	48.3	34.0	42.9	54.8	51.6	0.5	52	1.0	0.379	0.0	58.3	54.9	68.1	87.5	51.0
515	0.769	0.371	0.269	49.5	37.0	32.3	49.1	41.1	0.2	35	1.0	0.102	0.0	51.3	74.4	64.8	98.7	41.0
516	0.765	0.459	0.451	54.7	29.1	13.6	32.1	25.1	0.3	375	1.0	0.0	0.263	50.9	78.3	37.3	86.7	25.4
517	0.754	0.464	0.537	55.2	30.1	2.0	30.2	3.9	0.3	360	1.0	0.0	0.486	51.9	81.1	6.1	81.3	4.3
518	0.749	0.468	0.611	55.8	31.8	−7.5	32.6	346.6	0.2	347	1.0	0.0	0.686	53.6	85.5	−20.3	87.9	346.6
519	0.744	0.478	0.725	57.1	34.9	−21.4	41.0	328.4	0.3	330	1.0	0.0	0.991	57.1	94.1	−57.4	110.3	328.6
520	0.714	0.467	0.868	57.2	41.2	−41.0	58.1	315.1	0.2	309	0.638	0.0	1.0	43.2	82.9	−81.9	116.5	315.3
521	0.618	0.437	1.0	55.0	46.9	−62.6	78.3	306.8	1.3	277	0.145	0.0	1.0	31.2	76.3	−102.0	127.4	306.8
522	0.728	0.461	0.056	52.5	18.9	57.0	60.0	71.6	0.7	68	1.0	0.626	0.0	70.1	25.6	75.1	79.3	71.1
523	0.743	0.477	0.195	54.1	19.5	46.6	50.5	67.3	0.6	65	1.0	0.576	0.0	67.6	31.8	73.8	80.4	66.6
524	0.756	0.487	0.298	55.4	20.9	35.4	41.2	59.3	0.3	59	1.0	0.487	0.0	63.1	42.7	70.8	82.7	58.8
525	0.77	0.494	0.389	56.5	23.3	24.8	34.1	46.8	0.3	46	1.0	0.29	0.0	55.4	63.0	66.8	91.8	46.6
526	0.76	0.549	0.54	60.2	19.3	9.0	21.3	25.1	0.4	375	1.0	0.0	0.263	50.9	78.3	37.3	86.7	25.4
527	0.746	0.555	0.631	60.8	20.6	−2.8	20.8	352.1	0.2	352	1.0	0.0	0.617	52.9	83.6	−11.6	84.4	352.0
528	0.741	0.562	0.726	61.8	23.3	−14.4	27.4	328.2	0.2	330	1.0	0.0	0.991	57.1	94.1	−57.4	110.3	328.6
529	0.702	0.549	0.869	61.4	29.3	−34.7	45.4	310.2	0.3	296	0.444	0.0	1.0	37.0	79.0	−92.2	121.5	310.5
530	0.68	0.62	1.0	66.5	25.7	−44.3	51.3	300.1	1.2	254	0.0	0.27	1.0	38.2	52.7	−90.7	104.9	300.1
531	0.727	0.543	0.063	57.5	7.7	60.3	60.8	82.6	0.7	75	1.0	0.742	0.0	76.8	10.7	79.6	80.3	82.2
532	0.739	0.558	0.212	59.0	8.3	49.6	50.3	80.4	0.4	74	1.0	0.719	0.0	75.5	13.8	78.9	80.1	80.0
533	0.748	0.573	0.319	60.4	8.9	38.8	39.8	77.0	0.2	72	1.0	0.684	0.0	73.5	18.3	77.7	79.8	76.7
534	0.753	0.59	0.418	61.9	9.4	27.8	29.4	71.1	0.3	68	1.0	0.626	0.0	70.1	25.6	75.1	79.3	71.1
535	0.757	0.604	0.51	63.3	10.7	17.3	20.3	58.1	0.4	59	1.0	0.487	0.0	63.1	42.7	70.8	82.7	58.8
536	0.749	0.637	0.629	65.8	9.7	4.6	10.8	25.4	0.1	375	1.0	0.0	0.263	50.9	78.3	37.3	86.7	25.4
537	0.734	0.644	0.725	66.5	11.6	−7.3	13.7	328.0	0.2	330	1.0	0.0	0.991	57.1	94.1	−57.4	110.3	328.6
538	0.71	0.672	0.868	68.9	13.0	−22.9	26.3	299.6	0.3	254	0.0	0.27	1.0	38.2	52.7	−90.7	104.9	300.1
539	0.755	0.777	1.0	77.4	9.6	−27.3	28.9	289.4	0.9	243	0.0	0.44	1.0	47.9	26.9	−75.0	79.7	289.7
540	0.728	0.622	0.072	62.6	−2.5	63.9	63.9	92.2	0.5	82	1.0	0.856	0.0	83.7	−3.4	84.5	84.5	92.3
541	0.738	0.638	0.232	64.0	−2.1	52.8	52.8	92.3	0.1	82	1.0	0.856	0.0	83.7	−3.4	84.5	84.5	92.3
542	0.745	0.655	0.341	65.6	−1.7	42.1	42.2	92.3	0.1	82	1.0	0.856	0.0	83.7	−3.4	84.5	84.5	92.3
543	0.746	0.671	0.441	67.0	−1.3	31.4	31.4	92.5	0.2	82	1.0	0.856	0.0	83.7	−3.4	84.5	84.5	92.3
544	0.744	0.688	0.536	68.4	−0.8	20.8	20.8	92.4	0.3	82	1.0	0.856	0.0	83.7	−3.4	84.5	84.5	92.3
545	0.736	0.706	0.629	69.9	−0.5	10.5	10.5	93.0	0.2	82	1.0	0.856	0.0	83.7	−3.4	84.5	84.5	92.3
546	0.721	0.724	0.724	71.3	−0.1	0.0	0.2	207.8	0.2	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
547	0.78	0.809	0.862	78.8	0.1	−7.2	7.2	270.8	0.2	232	0.0	0.609	1.0	59.2	1.7	−56.6	56.6	271.7
548	0.837	0.897	1.0	86.2	0.1	−13.8	13.8	270.5	0.4	232	0.0	0.609	1.0	59.2	1.7	−56.6	56.6	271.7
549	0.862	0.845	0.05	80.0	−16.3	79.2	80.8	101.6	0.3	89	1.0	0.983	0.0	91.5	−18.5	90.1	92.0	101.6
550	0.871	0.858	0.264	81.3	−15.5	68.0	69.7	102.8	0.0	89	1.0	0.999	0.0	92.6	−20.6	90.7	93.0	102.7
551	0.856	0.859	0.383	81.2	−15.2	56.1	58.1	105.2	0.2	91	0.963	1.0	0.0	92.0	−24.3	90.1	93.3	105.1
552	0.836	0.859	0.485	81.1	−15.0	44.2	46.7	108.8	0.2	94	0.906	1.0	0.0	91.0	−29.9	88.9	93.8	108.6
553	0.81	0.86	0.578	81.1	−15.0	32.6	35.9	114.7	0.2	100	0.806	1.0	0.0	89.4	−39.5	87.0	95.6	114.4
554	0.77	0.864	0.67	81.0	−15.9	20.8	26.2	127.4	0.2	118	0.528	1.0	0.0	85.9	−63.0	82.8	104.1	127.2
555	0.784	0.863	0.824	82.1	−8.2	2.5	8.6	162.7	0.2	193	0.0	1.0	0.706	85.1	−64.6	20.7	67.9	162.2
556	0.786	0.847	0.86	81.3	−4.4	−3.2	5.5	216.4	0.1	215	0.0	0.89	1.0	79.0	−34.2	−25.7	42.8	216.9
557	0.839	0.939	1.0	88.9	−5.0	−9.8	11.0	242.8	0.3	223	0.0	0.763	1.0	70.0	−19.0	−39.6	43.9	244.3
558	0.906	1.0	0.0	90.9	−30.0	88.7	93.6	108.6	0.2	94	0.906	1.0	0.0	91.0	−29.9	88.9	93.8	108.6
559	0.895	0.999	0.268	90.9	−29.5	77.0	82.5	110.9	0.1	96	0.868	1.0	0.0	90.3	−33.7	88.0	94.2	110.9
560	0.874	1.0	0.398	90.8	−29.7	65.1	71.6	114.5	0.1	100	0.806	1.0	0.0	89.4	−39.5	87.0	95.6	114.4
561	0.851	1.0	0.509	90.7	−29.6	53.0	60.7	119.1	0.4	105	0.719	1.0	0.0	88.1	−47.6	85.4	97.8	119.1
562	0.803	1.0	0.607	90.2	−31.1	41.0	51.5	127.1	0.6	118	0.528	1.0	0.0	85.9	−63.0	82.8	104.1	127.2
563	0.771	1.0	0.744	90.3	−29.0	24.2	37.8	140.0	1.4	165	0.0	1.0	0.273	83.8	−80.1	67.0	104.4	140.0
564	0.844	1.0	0.926	92.3	−15.5	4.5	16.2	163.7	0.9	193	0.0	1.0	0.706	85.1	−64.6	20.7	67.9	162.2
565	0.852	1.0	0.988	92.8	−12.0	−2.5	12.3	192.0	0.7	207	0.0	1.0	0.951	86.5	−49.9	−8.4	50.6	189.6
566	0.847	0.974	1.0	91.2	−8.7	−6.4	10.8	216.1	0.2	215	0.0	0.89	1.0	79.0	−34.2	−25.7	42.8	216.9

delta E'* = **0.4**

5−1132534−F0 RN890−7N, 26/33−F

TUB-prøveplansje RN89; 16-trinns fargetonesirkel, *cf*=1
farger og fargeavstander, Δ*E'**

input: *rgb/cmyk* −> *rgb*de
output: 3D-linearisering til *rgb**de

5−1132534−F0

TUB registrering: 20150701-RN89/RN89L0FP.PDF /.PS TUB-material: code=rha4ta
anvendelse for måling av display output, ingen separasjon rgb* (RGB)

http://130.149.60.45/~farbmetrik/RN89/RN89L0FP.PDF /.PS; 3D-linearisering
F: 3D-linearisering RN89/RN89LJ30FP.DAT i fil (F), side 27/33

n	HIC^*_{Fde}	$rgb\__{Fde}$			$ict\__{Fde}$			$h_{si\_F,de}$	rgb^*_{Fde}			$LabCh^*_{Fde}$					rgb'^*_{Fde}			$LabCh'^*_{Fde}$					DE'^*_{Fde}	$h_{siM,de}$	rgb^*_{Mde}			$LabCh^*_{Mde}$				
567	R00Y_087_087$_{de}$	0.875	0.0	0.0	0.875	0.875	0.437	390	0.875	0.0	0.23	44.5	68.5	32.6	75.8	25.4	0.864	0.053	0.232	44.3	68.9	32.4	76.1	25.2	0.4	375	1.0	0.0	0.263	50.9	78.3	37.3	86.7	25.4
568	R36Y_087_087$_{de}$	0.875	0.0	0.125	0.875	0.875	0.437	382	0.875	0.0	0.315	44.8	69.4	20.6	72.4	16.5	0.863	0.055	0.317	44.6	69.7	20.2	72.6	16.1	0.5	369	1.0	0.0	0.36	51.3	79.3	23.5	82.7	16.5
569	R23Y_087_087$_{de}$	0.875	0.0	0.25	0.875	0.875	0.437	374	0.875	0.0	0.395	45.3	70.7	9.5	71.4	7.6	0.865	0.049	0.395	45.1	71.2	9.0	71.7	7.2	0.6	363	1.0	0.0	0.452	51.7	80.8	10.8	81.6	7.6
570	R08Y_087_087$_{de}$	0.875	0.0	0.375	0.875	0.875	0.437	365	0.875	0.0	0.487	45.9	72.4	−2.9	72.4	357.6	0.864	0.051	0.484	45.7	72.8	−3.5	72.8	357.1	0.7	356	1.0	0.0	0.557	52.5	82.7	−3.4	82.8	357.6
571	B70R_087_087$_{de}$	0.875	0.0	0.5	0.875	0.875	0.437	355	0.875	0.0	0.538	46.3	73.1	−9.8	73.8	352.3	0.863	0.059	0.534	46.1	73.5	−10.3	74.3	351.9	0.6	352	1.0	0.0	0.615	52.9	83.5	−11.2	84.3	352.3
572	B63R_087_087$_{de}$	0.875	0.0	0.625	0.875	0.875	0.437	346	0.875	0.0	0.632	47.2	75.5	−21.9	78.6	343.7	0.864	0.057	0.622	47.0	75.9	−22.0	79.0	343.7	0.4	345	1.0	0.0	0.723	53.9	86.3	−25.1	89.9	343.7
573	B56R_087_087$_{de}$	0.875	0.0	0.75	0.875	0.875	0.437	338	0.875	0.0	0.735	48.3	78.3	−34.5	85.6	336.1	0.862	0.061	0.722	48.0	78.6	−34.8	86.0	336.0	0.4	338	1.0	0.0	0.84	55.2	89.5	−39.5	97.9	336.1
574	B50R_087_087$_{de}$	0.875	0.0	0.875	0.875	0.875	0.437	330	0.875	0.0	0.867	50.0	82.3	−50.2	96.5	328.6	0.861	0.068	0.853	49.8	82.7	−50.5	96.9	328.5	0.4	330	1.0	0.0	0.991	57.1	94.1	−57.4	110.3	328.6
575	B44R_100_100$_{de}$	0.875	0.0	1.0	1.0	1.0	0.5	323	0.837	0.0	1.0	50.7	88.7	−69.4	112.6	321.9	0.837	0.0	1.0	50.6	88.6	−69.4	112.5	321.9	0.1	321	0.837	0.0	1.0	50.7	88.7	−69.4	112.6	321.9
576	R13Y_087_087$_{de}$	0.875	0.125	0.0	0.875	0.875	0.437	38	0.875	0.0	0.122	44.3	67.7	46.4	82.1	34.3	0.864	0.052	0.13	44.1	68.2	46.2	82.4	34.1	0.4	382	1.0	0.0	0.14	50.6	77.4	53.0	93.8	34.3
577	R00Y_087_075$_{de}$	0.875	0.125	0.125	0.875	0.75	0.5	390	0.875	0.125	0.322	50.1	58.7	27.9	65.0	25.4	0.884	0.266	0.313	50.0	58.7	27.7	65.0	25.3	0.2	375	1.0	0.0	0.263	50.9	78.3	37.3	86.7	25.4
578	R35Y_087_075$_{de}$	0.875	0.125	0.25	0.875	0.75	0.5	381	0.875	0.125	0.404	50.4	59.4	16.4	61.6	15.4	0.88	0.269	0.397	50.3	59.5	16.0	61.6	15.1	0.3	368	1.0	0.0	0.373	51.3	79.2	21.9	82.2	15.4
579	R18Y_087_075$_{de}$	0.875	0.125	0.375	0.875	0.75	0.5	371	0.875	0.125	0.489	50.9	60.8	4.5	61.0	4.3	0.878	0.271	0.482	50.8	60.9	4.1	61.1	3.9	0.4	360	1.0	0.0	0.486	51.9	81.1	6.1	81.3	4.3
580	R00Y_087_075$_{de}$	0.875	0.125	0.5	0.875	0.75	0.5	360	0.875	0.125	0.588	51.6	62.7	−8.7	63.3	352.0	0.874	0.275	0.579	51.5	62.7	−8.9	63.4	351.8	0.2	352	1.0	0.0	0.617	52.9	83.6	−11.6	84.4	352.0
581	B65R_087_075$_{de}$	0.875	0.125	0.625	0.875	0.75	0.5	349	0.875	0.125	0.639	52.1	64.1	−15.2	65.9	346.6	0.876	0.275	0.628	52.0	64.2	−15.2	66.0	346.6	0.1	347	1.0	0.0	0.686	53.6	85.5	−20.3	87.9	346.6
582	B57R_087_075$_{de}$	0.875	0.125	0.75	0.875	0.75	0.5	339	0.875	0.125	0.743	53.2	66.8	−28.1	72.5	337.1	0.874	0.28	0.731	53.0	67.0	−28.3	72.7	337.1	0.2	339	1.0	0.0	0.824	55.0	89.1	−37.5	96.7	337.1
583	B50R_087_075$_{de}$	0.875	0.125	0.875	0.875	0.75	0.5	330	0.875	0.125	0.868	54.8	70.6	−43.0	82.7	328.6	0.872	0.287	0.856	54.6	70.8	−43.3	83.0	328.5	0.3	330	1.0	0.0	0.991	57.1	94.1	−57.4	110.3	328.6
584	B43R_100_087$_{de}$	0.875	0.125	1.0	1.0	0.875	0.562	322	0.834	0.125	1.0	55.3	76.9	−62.2	98.9	321.0	0.847	0.271	1.0	55.2	76.9	−62.0	98.8	321.0	0.2	319	0.811	0.0	1.0	49.6	87.9	−71.1	113.0	321.0
585	R26Y_087_087$_{de}$	0.875	0.25	0.0	0.875	0.875	0.437	46	0.875	0.173	0.0	46.4	60.9	57.4	83.7	43.3	0.863	0.187	0.019	46.1	61.5	57.3	84.1	43.0	0.6	40	1.0	0.198	0.0	53.0	69.6	65.6	95.7	43.3
586	R15Y_087_075$_{de}$	0.875	0.25	0.125	0.875	0.75	0.5	39	0.875	0.125	0.217	49.8	57.9	41.3	71.1	35.5	0.887	0.265	0.213	49.7	57.9	41.5	71.2	35.6	0.2	383	1.0	0.0	0.123	50.5	77.2	55.0	94.8	35.5
587	R00Y_087_062$_{de}$	0.875	0.25	0.25	0.875	0.625	0.562	390	0.875	0.25	0.414	55.6	48.9	23.3	54.2	25.4	0.899	0.388	0.399	55.6	48.8	23.0	54.0	25.2	0.2	375	1.0	0.0	0.263	50.9	78.3	37.3	86.7	25.4
588	R31Y_087_062$_{de}$	0.875	0.25	0.375	0.875	0.625	0.562	379	0.875	0.25	0.497	56.0	49.9	11.7	51.2	13.2	0.893	0.391	0.484	55.9	49.8	11.4	51.1	12.9	0.3	366	1.0	0.0	0.395	51.4	79.8	18.7	82.0	13.2
589	R11Y_087_062$_{de}$	0.875	0.25	0.5	0.875	0.625	0.562	367	0.875	0.25	0.583	56.5	51.3	−0.1	51.3	359.8	0.888	0.394	0.57	56.4	51.2	−0.2	51.2	359.7	0.1	357	1.0	0.0	0.533	52.3	82.1	−0.2	82.1	359.8
590	B69R_087_062$_{de}$	0.875	0.25	0.625	0.875	0.625	0.562	353	0.875	0.25	0.648	57.0	52.5	−8.8	53.3	350.4	0.884	0.398	0.636	56.9	52.4	−8.7	53.1	350.4	0.1	350	1.0	0.0	0.637	53.1	84.1	−14.2	85.3	350.4
591	B59R_087_062$_{de}$	0.875	0.25	0.75	0.875	0.625	0.562	341	0.875	0.25	0.745	58.0	55.1	−21.1	59.0	339.0	0.882	0.403	0.734	57.9	55.0	−21.1	58.9	339.0	0.1	341	1.0	0.0	0.793	54.7	88.2	−33.8	94.5	339.0
592	B50R_087_062$_{de}$	0.875	0.25	0.875	0.875	0.625	0.562	330	0.875	0.25	0.869	59.5	58.8	−35.9	68.9	328.6	0.879	0.411	0.859	59.5	58.8	−35.9	68.9	328.5	0.1	330	1.0	0.0	0.991	57.1	94.1	−57.4	110.3	328.6
593	B42R_100_075$_{de}$	0.875	0.25	1.0	1.0	0.75	0.625	321	0.838	0.25	1.0	60.3	65.2	−54.6	85.1	320.0	0.861	0.401	1.0	60.2	65.0	−54.0	84.6	320.2	0.6	318	0.784	0.0	1.0	48.6	87.0	−72.8	113.5	320.0
594	R41Y_087_087$_{de}$	0.875	0.375	0.0	0.875	0.875	0.437	55	0.875	0.358	0.0	52.2	45.0	60.4	75.4	53.3	0.863	0.361	0.021	52.2	45.0	60.6	75.5	53.4	0.1	54	1.0	0.41	0.0	59.7	51.4	69.1	86.1	53.3
595	R31Y_087_075$_{de}$	0.875	0.375	0.125	0.875	0.75	0.5	49	0.875	0.342	0.125	53.4	47.3	50.1	68.9	46.6	0.885	0.366	0.169	53.4	47.2	50.5	69.1	46.9	0.4	46	1.0	0.29	0.0	55.4	63.0	66.8	91.8	46.6
596	R18Y_087_062$_{de}$	0.875	0.375	0.25	0.875	0.625	0.562	41	0.875	0.25	0.288	55.4	48.2	37.3	61.0	37.7	0.906	0.385	0.294	55.4	48.1	37.3	60.9	37.7	0.1	386	1.0	0.0	0.062	50.5	77.2	59.7	97.6	37.7
597	R00Y_087_050$_{de}$	0.875	0.375	0.375	0.875	0.5	0.625	390	0.875	0.375	0.506	61.2	39.1	18.6	43.3	25.4	0.908	0.492	0.486	61.2	39.0	18.4	43.1	25.2	0.2	375	1.0	0.0	0.263	50.9	78.3	37.3	86.7	25.4
598	R26Y_087_050$_{de}$	0.875	0.375	0.5	0.875	0.5	0.625	376	0.875	0.375	0.589	61.6	40.2	7.0	40.8	9.8	0.899	0.496	0.572	61.6	39.9	7.0	40.6	9.9	0.2	364	1.0	0.0	0.429	51.6	80.5	14.0	81.7	9.8
599	R00Y_087_050$_{de}$	0.875	0.375	0.625	0.875	0.5	0.625	360	0.875	0.375	0.683	62.2	41.8	−5.8	42.2	352.0	0.889	0.502	0.67	62.2	41.4	−5.6	41.8	352.2	0.4	352	1.0	0.0	0.617	52.9	83.6	−11.6	84.4	352.0
600	B61R_087_050$_{de}$	0.875	0.375	0.75	0.875	0.5	0.625	344	0.875	0.375	0.748	62.8	43.3	−14.1	45.6	341.8	0.885	0.506	0.737	62.9	43.0	−14.0	45.2	341.9	0.3	344	1.0	0.0	0.747	54.1	86.7	−28.3	91.2	341.8
601	B50R_087_050$_{de}$	0.875	0.375	0.875	0.875	0.5	0.625	330	0.875	0.375	0.87	64.3	47.0	−28.7	55.1	328.6	0.884	0.515	0.86	64.3	46.8	−28.6	54.9	328.5	0.2	330	1.0	0.0	0.991	57.1	94.1	−57.4	110.3	328.6
602	B40R_100_062$_{de}$	0.875	0.375	1.0	1.0	0.625	0.687	319	0.83	0.375	1.0	64.8	53.3	−47.7	71.5	318.1	0.862	0.501	1.0	64.5	53.3	−47.1	71.2	318.5	0.6	314	0.729	0.0	1.0	46.5	85.3	−76.3	114.5	318.1
603	R58Y_087_087$_{de}$	0.875	0.5	0.0	0.875	0.875	0.437	65	0.875	0.483	0.0	58.0	30.5	63.9	70.8	64.4	0.863	0.481	0.024	58.0	30.3	64.2	71.0	64.6	0.2	63	1.0	0.552	0.0	66.3	34.9	73.1	81.0	64.4
604	R50Y_087_075$_{de}$	0.875	0.5	0.125	0.875	0.75	0.5	60	0.875	0.49	0.125	59.2	32.0	53.1	62.0	58.8	0.88	0.49	0.19	59.2	31.7	53.6	62.3	59.3	0.6	59	1.0	0.487	0.0	63.1	42.7	70.8	82.7	58.8
605	R38Y_087_062$_{de}$	0.875	0.5	0.25	0.875	0.625	0.562	53	0.875	0.487	0.25	60.3	34.3	42.5	54.7	51.0	0.898	0.495	0.296	60.3	34.1	42.6	54.6	51.3	0.2	52	1.0	0.379	0.0	58.3	54.9	68.1	87.5	51.0
606	R23Y_087_050$_{de}$	0.875	0.5	0.375	0.875	0.5	0.625	44	0.875	0.426	0.375	61.4	37.2	32.4	49.3	41.0	0.918	0.498	0.387	61.4	37.0	32.3	49.1	41.0	0.2	35	1.0	0.102	0.0	51.3	74.4	64.8	98.7	41.0
607	R00Y_087_037$_{de}$	0.875	0.5	0.5	0.875	0.375	0.687	390	0.875	0.5	0.598	66.8	29.3	13.9	32.5	25.4	0.908	0.586	0.574	66.6	29.3	13.8	32.4	25.2	0.1	375	1.0	0.0	0.263	50.9	78.3	37.3	86.7	25.4
608	R18Y_087_037$_{de}$	0.875	0.5	0.625	0.875	0.375	0.687	371	0.875	0.5	0.682	67.1	30.4	2.2	30.5	4.3	0.895	0.59	0.663	67.0	30.4	2.2	30.5	4.2	0.1	360	1.0	0.0	0.486	51.9	81.1	6.1	81.3	4.3
609	B65R_087_037$_{de}$	0.875	0.5	0.75	0.875	0.375	0.687	349	0.875	0.5	0.757	67.8	32.0	−7.6	32.9	346.6	0.888	0.595	0.743	67.6	32.1	−7.7	33.0	346.5	0.1	347	1.0	0.0	0.686	53.6	85.5	−20.3	87.9	346.6
610	B50R_087_037$_{de}$	0.875	0.5	0.875	0.875	0.375	0.687	330	0.875	0.5	0.871	69.1	35.3	−21.5	41.3	328.6	0.884	0.604	0.861	69.0	35.4	−21.6	41.5	328.5	0.2	330	1.0	0.0	0.991	57.1	94.1	−57.4	110.3	328.6
611	B38R_100_050$_{de}$	0.875	0.5	1.0	1.0	0.5	0.75	316	0.819	0.5	1.0	69.3	41.4	−40.9	58.2	315.3	0.855	0.595	1.0	69.0	41.1	−40.1	57.4	315.7	0.9	309	0.638	0.0	1.0	43.2	82.9	−81.9	116.5	315.3
612	R73Y_087_087$_{de}$	0.875	0.625	0.0	0.875	0.875	0.437	74	0.875	0.578	0.0	63.1	18.6	67.1	69.7	74.4	0.862	0.571	0.031	63.0	18.6	67.3	69.8	74.5	0.2	70	1.0	0.661	0.0	72.1	21.3	76.7	79.6	74.4
613	R68Y_087_075$_{de}$	0.875	0.625	0.125	0.875	0.75	0.5	71	0.875	0.594	0.125	64.5	19.2	56.3	59.5	71.1	0.876	0.585	0.209	64.4	19.2	56.6	59.8	71.2	0.3	68	1.0	0.626	0.0	70.1	25.6	75.1	79.3	71.1
614	R61Y_087_062$_{de}$	0.875	0.625	0.25	0.875	0.625	0.562	67	0.875	0.61	0.25	66.1	19.8	46.1	50.2	66.6	0.89	0.601	0.32	65.9	19.9	46.1	50.2	66.6	0.1	65	1.0	0.576	0.0	67.6	31.8	73.8	80.4	66.6
615	R50Y_087_050$_{de}$	0.875	0.625	0.375	0.875	0.5	0.625	60	0.875	0.618	0.375	67.3	21.3	35.4	41.3	58.8	0.901	0.611	0.42	67.1	21.4	35.1	41.1	58.5	0.3	59	1.0	0.487	0.0	63.1	42.7	70.8	82.7	58.8
616	R31Y_087_037$_{de}$	0.875	0.625	0.5	0.875	0.375	0.687	49	0.875	0.608	0.5	68.4	23.6	25.0	34.4	46.6	0.914	0.619	0.512	68.3	23.8	24.6	34.3	45.9	0.4	46	1.0	0.29	0.0	55.4	63.0	66.8	91.8	46.6
617	R00Y_087_025$_{de}$	0.875	0.625	0.625	0.875	0.25	0.75	390	0.875	0.625	0.69	72.3	19.5	9.3	21.6	25.4	0.9	0.678	0.666	72.1	19.5	9.2	21.6	25.2	0.2	375	1.0	0.0	0.263	50.9	78.3	37.3	86.7	25.4
618	R00Y_087_025$_{de}$	0.875	0.625	0.75	0.875	0.25	0.75	360	0.875	0.625	0.779	72.8	20.9	−2.9	21.1	352.0	0.884	0.683	0.763	72.6	20.9	−3.0	21.1	351.7	0.2	352	1.0	0.0	0.617	52.9	83.6	−11.6	84.4	352.0
619	B50R_087_025$_{de}$	0.875	0.625	0.875	0.875	0.25	0.75	330	0.875	0.625	0.872	73.9	23.5	−14.3	27.5	328.6	0.88	0.692	0.861	73.7	23.6	−14.5	27.7	328.3	0.2	330	1.0	0.0	0.991	57.1	94.1	−57.4	110.3	328.6
620	B34R_100_037$_{de}$	0.875	0.625	1.0	1.0	0.375	0.812	311	0.791	0.625	1.0	73.5	29.6	−34.5	45.5	310.5	0.841	0.677	1.0	73.2	29.2	−33.6	44.5	310.9	1.0	296	0.444	0.0	1.0	37.0	79.0	−92.2	121.5	310.5
621	R86Y_087_087$_{de}$	0.875	0.75	0.0	0.875	0.875	0.437	82	0.875	0.66	0.0	67.8	8.1	70.0	70.5	83.4	0.861	0.65	0.04	67.6	8.1	70.3	70.8	83.3	0.3	76	1.0	0.754	0.0	77.5	9.2	80.0	80.5	83.4
622	R85Y_087_075$_{de}$	0.875	0.75	0.125	0.875	0.75	0.5	81	0.875	0.682	0.125	69.5	8.0	59.7	60.2	82.2	0.874	0.669	0.226	69.4	8.1	59.8	60.4	82.2	0.2	75	1.0	0.742	0.0	76.8	10.7	79.6	80.3	82.2
623	R81Y_087_062$_{de}$	0.875	0.75	0.25	0.875	0.625	0.562	79	0.875	0.699	0.25	71.0	8.6	49.3	50.0	80.0	0.884	0.685	0.341	70.8	8.6	49.2	50.0	79.9	0.1	74	1.0	0.719	0.0	75.5	13.8	78.9	80.1	80.0
624	R76Y_087_050$_{de}$	0.875	0.75	0.375	0.875	0.5	0.625	76	0.875	0.717	0.375	72.5	9.1	38.8	39.9	76.7	0.892	0.702	0.443	72.3	9.1	38.6	39.7	76.6	0.2	72	1.0	0.684	0.0	73.5	18.3	77.7	79.8	76.7
625	R68Y_087_037$_{de}$	0.875	0.75	0.5	0.875	0.375	0.687	71	0.875	0.734	0.5	74.0	9.6	28.1	29.7	71.1	0.894	0.72	0.542	73.8	9.6	27.9	29.5	70.9	0.2	68	1.0	0.626	0.0	70.1	25.6	75.1	79.3	71.1
626	R50Y_087_025$_{de}$	0.875	0.75	0.625	0.875	0.25	0.75	60	0.875	0.746	0.625	75.4	10.6	17.7	20.6	58.8	0.897	0.735	0.635	75.2	10.7	17.7	20.7	58.8	0.1	59	1.0	0.487	0.0	63.1	42.7	70.8	82.7	58.8
627	R00Y_087_012$_{de}$	0.875	0.75	0.75	0.875	0.125	0.812	390	0.875	0.75	0.782	77.9	9.7	4.6	10.8	25.4	0.886	0.769	0.762	77.8	9.7	4.6	10.8	25.3	0.1	375	1.0	0.0	0.263	50.9	78.3	37.3	86.7	25.4
628	B50R_087_012$_{de}$	0.875	0.75	0.875	0.875	0.125	0.812	330	0.875	0.75	0.873	78.7	11.7	−7.1	13.7	328.6	0.872	0.777	0.861	78.5	11.7	−7.2	13.8	328.2	0.1	330	1.0	0.0	0.991	57.1	94.1	−57.4	110.3	328.6
629	B25R_100_025$_{de}$	0.875	0.75	1.0	1.0	0.25	0.875	300	0.75	0.817	1.0	81.1	13.1	−22.6	26.2	300.1	0.848	0.806	1.0	80.9	12.7	−21.8	25.3	300.2	0.9	254	0.0	0.27	1.0	38.2	52.7	−90.7	104.9	300.1
630	Y00G_087_087$_{de}$	0.875	0.875	0.0	0.875	0.875	0.437	90	0.875	0.749	0.0	73.2	−2.9	73.9	74.0	92.3	0.862	0.737	0.042	73.1	−2.9	74.2	74.3	92.2	0.3	82	1.0	0.856	0.0	83.7	−3.4	84.5	84.5	92.3
631	Y00G_087_075$_{de}$	0.875	0.875	0.125	0.875	0.75	0.5	90	0.875	0.767	0.125	74.7	−2.5	63.3	63.4	92.3	0.874	0.754	0.243	74.6	−2.5	63.3	63.3	92.2	0.1	82	1.0	0.856	0.0	83.7	−3.4	84.5	84.5	92.3
632	Y00G_087_062$_{de}$	0.875	0.875	0.25	0.875	0.625	0.562	90	0.875	0.785	0.25	76.1	−2.1	52.8	52.8	92.3	0.881	0.77	0.362	76.0	−2.1	52.6	52.7	92.3	0.1	82	1.0	0.856	0.0	83.7	−3.4	84.5	84.5	92.3
633	Y00G_087_050$_{de}$	0.875	0.875	0.375	0.875	0.5	0.625	90	0.875	0.803	0.375	77.6	−1.7	42.2	42.2	92.3	0.885	0.787	0.467	77.5	−1.7	42.0	42.0	92.3	0.2	82	1.0	0.856	0.0	83.7	−3.4	84.5	84.5	92.3
634	Y00G_087_037$_{de}$	0.875	0.875	0.5	0.875	0.375	0.687	90	0.875	0.821	0.5	79.1	−1.2	31.6	31.7	92.3	0.885	0.804	0.566	78.9	−1.4	31.5	31.6	92.5	0.2	82	1.0	0.856	0.0	83.7	−3.4	84.5	84.5	92.3
635	Y00G_087_025$_{de}$	0.875	0.875	0.625	0.875	0.25	0.75	90	0.875	0.839	0.625	80.5	−0.8	21.1	21.1	92.3	0.881	0.823	0.663	80.4	−1.0	21.2	21.2	92.8	0.2	82	1.0	0.856	0.0	83.7	−3.4	84.5	84.5	92.3
636	Y00G_087_012$_{de}$	0.875	0.875	0.75	0.875	0.125	0.812	90	0.875	0.857	0.75	82.0	−0.4	10.5	10.5	92.3	0.873	0.841	0.761	81.9	−0.5	10.5	10.5	92.8	0.1	82	1.0	0.856	0.0	83.7	−3.4	84.5	84.5	92.3
637	NW_087$_{de}$	0.875	0.875	0.875	0.875	0.0	0.875	360	0.875	0.875	0.875	83.4	0.0	0.0	0.0	0.0	0.858	0.86	0.86	83.3	0.0	0.0	0.1	212.6	0.1	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
638	B00R_100_012$_{de}$	0.875	0.875	1.0	1.0	0.125	0.937	270	0.875	0.951	1.0	90.8	0.2	−7.0	7.0	271.7	0.918	0.947	1.0	90.7	0.0	−6.9	6.9	270.0	0.2	232	0.0	0.609	1.0	59.2	1.7	−56.6	56.6	271.7
639	Y11G_100_100$_{de}$	0.875	1.0	0.0	1.0	1.0	0.5	97	1.0	0.966	0.0	90.5	−16.5	89.4	91.0	100.4	1.0	0.966	0.0	90.5	−16.7	89.1	90.7	100.6	0.3	88	1.0	0.966	0.0	90.5	−16.5	89.4	91.0	100.4
640	Y13G_100_087$_{de}$	0.875	1.0	0.125	1.0	0.875	0.562	98	1.0	0.985	0.125	92.0	−16.2	78.8	80.5	101.6	1.0	0.984	0.267	91.8	−17.5	78.6	80.5	102.5	1.3	89	1.0	0.983	0.0	91.5	−18.5	90.1	92.0	101.6
641	Y15G_100_075$_{de}$	0.875	1.0	0.25	1.0	0.75	0.625	99	1.0	0.999	0.25	93.3	−15.4	68.0	69.7	102.7	1.0	0.998	0.404	92.9	−17.4	67.5	69.7	104.4	2.0	89	1.0	0.999	0.0	92.6	−20.6	90.7	93.0	102.7
642	Y18G_100_062$_{de}$	0.875	1.0	0.375	1.0	0.625	0.687	101	0.977	1.0	0.375	93.2	−15.2	56.3	58.3	105.1	1.0	0.998	0.514	93.2	−15.4	56.1	58.2	105.4	0.3	91	0.963	1.0	0.0	92.0	−24.3	90.1	93.3	105.1
643	Y23G_100_050$_{de}$	0.875	1.0	0.5	1.0	0.5	0.75	104	0.953	1.0	0.5	93.2	−14.9	44.4	46.9	108.6	0.98	0.999	0.613	93.1	−15.0	44.6	47.0	108.6	0.1	94	0.906	1.0	0.0	91.0	−29.9	88.9	93.8	108.6
644	Y31G_100_037$_{de}$	0.875	1.0	0.625	1.0	0.375	0.812	109	0.927	1.0	0.625	93.1	−14.8	32.6	35.8	114.4	0.95	1.0	0.709	93.0	−15.0	32.7	36.0	114.6	0.2	100	0.806	1.0	0.0	89.4	−39.5	87.0	95.6	114.4
645	Y50G_100_025$_{de}$	0.875	1.0	0.75	1.0	0.25	0.875	120	0.882	1.0	0.75	93.0	−15.7	20.7	26.0	127.2	0.907	1.0	0.805	92.7	−15.4	20.3	25.5	127.1	0.5	118	0.528	1.0	0.0	85.9	−63.0	82.8	104.1	127.2
646	G00B_100_012$_{de}$	0.875	1.0	0.875	1.0	0.125	0.937	150	0.875	1.0	0.963	94.1	−8.0	2.5	8.4	162.2	0.922	1.0	0.963	93.8	−7.7	2.1	8.0	164.2	0.5	193	0.0	1.0	0.706	85.1	−64.6	20.7	67.9	162.2
647	G50B_100_012$_{de}$	0.875	1.0	1.0	1.0	0.125	0.937	210	0.875	0.986	1.0	93.3	−4.2	−3.2	5.3	216.9	0.924	0.987	1.0	93.3	−4.3	−3.2	5.4	216.5	0.1	215	0.0	0.89	1.0	79.0	−34.2	−25.7	42.8	216.9

delta E'^* = **0.3**

5−1132634−F0 RN890−7N, 27/33−F

TUB-prøveplansje RN89; 16-trinns fargetonesirkel, cf=1
farger og fargeavstander, $\Delta E'^*$

input: $rgb/cmyk \rightarrow rgb_{de}$
output: 3D-linearisering til rgb^*_{de}

se lignende filer: http://130.149.60.45/~farbmetrik/RN89/RN89.HTM
teknisk informasjon: http://www.ps.bam.de eller http://130.149.60.45/~farbmetrik

5−1132634−F0

TUB registrering: 20150701-RN89/RN89L0FP.PDF /.PS TUB-material: code=rha4ta
anvendelse for måling av display output, ingen separasjon rgb* (RGB)

n	HIC*Fde	rgb_Fde			ict_Fde			$h_{si\_F,de}$	rgb*Fde			LabCh*Fde				
648	R00Y_100_100de	1.0	0.0	0.0	1.0	1.0	0.5	390	1.0	0.0	0.263	50.9	78.3	37.3	86.7	25.4
649	R38Y_100_100de	1.0	0.0	0.125	1.0	1.0	0.5	383	1.0	0.0	0.348	51.2	79.3	25.2	83.2	17.6
650	R26Y_100_100de	1.0	0.0	0.25	1.0	1.0	0.5	376	1.0	0.0	0.429	51.6	80.5	14.0	81.7	9.8
651	R13Y_100_100de	1.0	0.0	0.375	1.0	1.0	0.5	368	1.0	0.0	0.521	52.2	81.8	1.3	81.8	0.9
652	R00Y_100_100de	1.0	0.0	0.5	1.0	1.0	0.5	360	1.0	0.0	0.617	52.9	83.6	−11.6	84.4	352.0
653	B68R_100_100de	1.0	0.0	0.625	1.0	1.0	0.5	352	1.0	0.0	0.65	53.2	84.5	−15.7	85.9	349.4
654	B61R_100_100de	1.0	0.0	0.75	1.0	1.0	0.5	344	1.0	0.0	0.747	54.1	86.7	−28.3	91.2	341.8
655	B55R_100_100de	1.0	0.0	0.875	1.0	1.0	0.5	337	1.0	0.0	0.855	55.4	89.9	−41.4	99.0	335.2
656	B50R_100_100de	1.0	0.0	1.0	1.0	1.0	0.5	330	1.0	0.0	0.991	57.1	94.1	−57.4	110.3	328.6
657	R11Y_100_100de	1.0	0.125	0.0	1.0	1.0	0.5	37	1.0	0.0	0.156	50.6	77.6	50.9	92.9	33.2
658	R00Y_100_087de	1.0	0.125	0.125	1.0	0.875	0.562	390	1.0	0.125	0.355	56.4	68.5	32.6	75.8	25.4
659	R36Y_100_087de	1.0	0.125	0.25	1.0	0.875	0.562	382	1.0	0.125	0.44	56.8	69.4	20.6	72.4	16.5
660	R23Y_100_087de	1.0	0.125	0.375	1.0	0.875	0.562	374	1.0	0.125	0.52	57.2	70.7	9.5	71.4	7.6
661	R08Y_100_087de	1.0	0.125	0.5	1.0	0.875	0.562	365	1.0	0.125	0.612	57.8	72.4	−2.9	72.4	357.6
662	B70R_100_087de	1.0	0.125	0.625	1.0	0.875	0.562	355	1.0	0.125	0.663	58.2	73.1	−9.8	73.8	352.3
663	B63R_100_087de	1.0	0.125	0.75	1.0	0.875	0.562	346	1.0	0.125	0.757	59.1	75.5	−21.9	78.6	343.7
664	B56R_100_087de	1.0	0.125	0.875	1.0	0.875	0.562	338	1.0	0.125	0.86	60.2	78.3	−34.5	85.6	336.1
665	B50R_100_087de	1.0	0.125	1.0	1.0	0.875	0.562	330	1.0	0.125	0.992	61.9	82.3	−50.2	96.5	328.6
666	R23Y_100_100de	1.0	0.25	0.0	1.0	1.0	0.5	44	1.0	0.102	0.0	51.3	74.4	64.8	98.7	41.0
667	R13Y_100_087de	1.0	0.25	0.125	1.0	0.875	0.562	38	1.0	0.125	0.247	56.2	67.7	46.4	82.1	34.3
668	R00Y_100_075de	1.0	0.25	0.25	1.0	0.75	0.625	390	1.0	0.25	0.447	62.0	58.7	27.9	65.0	25.4
669	R35Y_100_075de	1.0	0.25	0.375	1.0	0.75	0.625	381	1.0	0.25	0.529	62.3	59.4	16.4	61.6	15.4
670	R18Y_100_075de	1.0	0.25	0.5	1.0	0.75	0.625	371	1.0	0.25	0.614	62.8	60.8	4.5	61.0	4.3
671	R00Y_100_075de	1.0	0.25	0.625	1.0	0.75	0.625	360	1.0	0.25	0.713	63.5	62.7	−8.7	63.3	352.0
672	B65R_100_075de	1.0	0.25	0.75	1.0	0.75	0.625	349	1.0	0.25	0.764	64.0	64.1	−15.2	65.9	346.6
673	B57R_100_075de	1.0	0.25	0.875	1.0	0.75	0.625	339	1.0	0.25	0.868	65.1	66.8	−28.1	72.5	337.1
674	B50R_100_075de	1.0	0.25	1.0	1.0	0.75	0.625	330	1.0	0.25	0.993	66.7	70.6	−43.0	82.7	328.6
675	R36Y_100_100de	1.0	0.375	0.0	1.0	1.0	0.5	52	1.0	0.358	0.0	57.6	56.9	67.8	88.5	49.9
676	R26Y_100_087de	1.0	0.375	0.125	1.0	0.875	0.562	46	1.0	0.298	0.125	58.3	60.9	57.4	83.7	43.3
677	R15Y_100_075de	1.0	0.375	0.25	1.0	0.75	0.625	39	1.0	0.25	0.342	61.8	57.9	41.3	71.1	35.5
678	R00Y_100_062de	1.0	0.375	0.375	1.0	0.625	0.687	390	1.0	0.375	0.539	67.6	48.9	23.3	54.2	25.4
679	R31Y_100_062de	1.0	0.375	0.5	1.0	0.625	0.687	379	1.0	0.375	0.622	67.9	49.9	11.7	51.2	13.2
680	R11Y_100_062de	1.0	0.375	0.625	1.0	0.625	0.687	367	1.0	0.375	0.708	68.4	51.3	−0.1	51.3	359.8
681	B69R_100_062de	1.0	0.375	0.75	1.0	0.625	0.687	353	1.0	0.375	0.773	68.9	52.5	−8.8	53.3	350.4
682	B59R_100_062de	1.0	0.375	0.875	1.0	0.625	0.687	341	1.0	0.375	0.87	69.9	55.1	−21.1	59.0	339.0
683	B50R_100_062de	1.0	0.375	1.0	1.0	0.625	0.687	330	1.0	0.375	0.994	71.5	58.8	−35.9	68.9	328.6
684	R50Y_100_100de	1.0	0.5	0.0	1.0	1.0	0.5	60	1.0	0.487	0.0	63.1	42.7	70.8	82.7	58.8
685	R41Y_100_087de	1.0	0.5	0.125	1.0	0.875	0.562	55	1.0	0.483	0.125	64.2	45.0	60.4	75.4	53.3
686	R31Y_100_075de	1.0	0.5	0.25	1.0	0.75	0.625	49	1.0	0.467	0.25	65.4	47.3	50.1	68.9	46.6
687	R18Y_100_062de	1.0	0.5	0.375	1.0	0.625	0.687	41	1.0	0.375	0.413	67.3	48.2	37.3	61.0	37.7
688	R00Y_100_050de	1.0	0.5	0.5	1.0	0.5	0.75	390	1.0	0.5	0.631	73.1	39.1	18.6	43.3	25.4
689	R26Y_100_050de	1.0	0.5	0.625	1.0	0.5	0.75	376	1.0	0.5	0.714	73.5	40.2	7.0	40.8	9.8
690	R00Y_100_050de	1.0	0.5	0.75	1.0	0.5	0.75	360	1.0	0.5	0.808	74.1	41.8	−5.8	42.2	352.0
691	B61R_100_050de	1.0	0.5	0.875	1.0	0.5	0.75	344	1.0	0.5	0.873	74.8	43.3	−14.1	45.6	341.8
692	B50R_100_050de	1.0	0.5	1.0	1.0	0.5	0.75	330	1.0	0.5	0.995	76.3	47.0	−28.7	55.1	328.6
693	R63Y_100_100de	1.0	0.625	0.0	1.0	1.0	0.5	68	1.0	0.589	0.0	68.2	30.2	74.2	80.1	67.8
694	R58Y_100_087de	1.0	0.625	0.125	1.0	0.875	0.562	65	1.0	0.608	0.125	69.9	30.5	63.9	70.8	64.4
695	R50Y_100_075de	1.0	0.625	0.25	1.0	0.75	0.625	60	1.0	0.615	0.25	71.1	32.0	53.1	62.0	58.8
696	R38Y_100_062de	1.0	0.625	0.375	1.0	0.625	0.687	53	1.0	0.612	0.375	72.2	34.3	42.5	54.7	51.0
697	R23Y_100_050de	1.0	0.625	0.5	1.0	0.5	0.75	44	1.0	0.551	0.5	73.3	37.2	32.4	49.3	41.0
698	R00Y_100_037de	1.0	0.625	0.625	1.0	0.375	0.812	390	1.0	0.625	0.723	78.7	29.3	13.9	32.5	25.4
699	R18Y_100_037de	1.0	0.625	0.75	1.0	0.375	0.812	371	1.0	0.625	0.807	79.1	30.4	2.2	30.5	4.3
700	B65R_100_037de	1.0	0.625	0.875	1.0	0.375	0.812	349	1.0	0.625	0.882	79.7	32.0	−7.6	32.9	346.6
701	B50R_100_037de	1.0	0.625	1.0	1.0	0.375	0.812	330	1.0	0.625	0.996	81.0	35.3	−21.5	41.3	328.6
702	R76Y_100_100de	1.0	0.75	0.0	1.0	1.0	0.5	76	1.0	0.684	0.0	73.5	18.3	77.7	79.8	76.7
703	R73Y_100_087de	1.0	0.75	0.125	1.0	0.875	0.562	74	1.0	0.703	0.125	75.0	18.6	67.1	69.7	74.4
704	R68Y_100_075de	1.0	0.75	0.25	1.0	0.75	0.625	71	1.0	0.719	0.25	76.4	19.2	56.3	59.5	71.1
705	R61Y_100_062de	1.0	0.75	0.375	1.0	0.625	0.687	67	1.0	0.735	0.375	78.0	19.8	46.1	50.2	66.6
706	R50Y_100_050de	1.0	0.75	0.5	1.0	0.5	0.75	60	1.0	0.743	0.5	79.2	21.3	35.4	41.3	58.8
707	R31Y_100_037de	1.0	0.75	0.625	1.0	0.375	0.812	49	1.0	0.733	0.625	80.4	23.6	25.0	34.4	46.6
708	R00Y_100_025de	1.0	0.75	0.75	1.0	0.25	0.875	390	1.0	0.75	0.815	84.2	19.5	9.3	21.6	25.4
709	R00Y_100_025de	1.0	0.75	0.875	1.0	0.25	0.875	360	1.0	0.75	0.904	84.7	20.9	−2.9	21.1	352.0
710	B50R_100_025de	1.0	0.75	1.0	1.0	0.25	0.875	330	1.0	0.75	0.997	85.8	23.5	−14.3	27.5	328.6
711	R88Y_100_100de	1.0	0.875	0.0	1.0	1.0	0.5	83	1.0	0.767	0.0	78.3	7.7	80.7	81.0	84.5
712	R86Y_100_087de	1.0	0.875	0.125	1.0	0.875	0.562	82	1.0	0.785	0.125	79.7	8.1	70.0	70.5	83.4
713	R85Y_100_075de	1.0	0.875	0.25	1.0	0.75	0.625	81	1.0	0.807	0.25	81.4	8.0	59.7	60.2	82.2
714	R81Y_100_062de	1.0	0.875	0.375	1.0	0.625	0.687	79	1.0	0.824	0.375	82.9	8.6	49.3	50.0	80.0
715	R76Y_100_050de	1.0	0.875	0.5	1.0	0.5	0.75	76	1.0	0.842	0.5	84.4	9.1	38.8	39.9	76.7
716	R68Y_100_037de	1.0	0.875	0.625	1.0	0.375	0.812	71	1.0	0.859	0.625	85.9	9.6	28.1	29.7	71.1
717	R50Y_100_025de	1.0	0.875	0.75	1.0	0.25	0.875	60	1.0	0.871	0.75	87.3	10.6	17.7	20.6	58.8
718	R00Y_100_012de	1.0	0.875	0.875	1.0	0.125	0.937	390	1.0	0.875	0.907	89.8	9.7	4.6	10.8	25.4
719	B50R_100_012de	1.0	0.875	1.0	1.0	0.125	0.937	330	1.0	0.875	0.998	90.6	11.7	−7.1	13.7	328.6
720	Y00G_100_100de	1.0	1.0	0.0	1.0	1.0	0.5	90	1.0	0.856	0.0	83.7	−3.4	84.5	84.5	92.3
721	Y00G_100_087de	1.0	1.0	0.125	1.0	0.875	0.562	90	1.0	0.874	0.125	85.1	−2.9	73.9	74.0	92.3
722	Y00G_100_075de	1.0	1.0	0.25	1.0	0.75	0.625	90	1.0	0.892	0.25	86.6	−2.5	63.3	63.4	92.3
723	Y00G_100_062de	1.0	1.0	0.375	1.0	0.625	0.687	90	1.0	0.91	0.375	88.1	−2.1	52.8	52.8	92.3
724	Y00G_100_050de	1.0	1.0	0.5	1.0	0.5	0.75	90	1.0	0.928	0.5	89.5	−1.7	42.2	42.2	92.3
725	Y00G_100_037de	1.0	1.0	0.625	1.0	0.375	0.812	90	1.0	0.946	0.625	91.0	−1.2	31.6	31.7	92.3
726	Y00G_100_025de	1.0	1.0	0.75	1.0	0.25	0.875	90	1.0	0.964	0.75	92.4	−0.8	21.1	21.1	92.3
727	Y00G_100_012de	1.0	1.0	0.875	1.0	0.125	0.937	90	1.0	0.982	0.875	93.9	−0.4	10.5	10.5	92.3
728	NW_100de	1.0	1.0	1.0	1.0	0.0	1.0	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0

n	rgb'*Fde			LabCh'*Fde					DE'*Fde	$h_{siM,de}$	rgb*Mde			LabCh*Mde				
648	1.0	0.0	0.264	50.9	78.1	37.1	86.5	25.4	0.2	375	1.0	0.0	0.263	50.9	78.3	37.3	86.7	25.4
649	1.0	0.0	0.35	51.2	78.9	25.0	82.8	17.6	0.3	369	1.0	0.0	0.348	51.2	79.3	25.2	83.2	17.6
650	1.0	0.0	0.431	51.6	80.0	13.7	81.2	9.7	0.6	364	1.0	0.0	0.429	51.6	80.5	14.0	81.7	9.8
651	1.0	0.0	0.522	52.2	81.5	1.1	81.5	0.7	0.3	358	1.0	0.0	0.521	52.2	81.8	1.3	81.8	0.9
652	1.0	0.0	0.616	52.9	83.4	−11.5	84.2	352.1	0.1	352	1.0	0.0	0.617	52.9	83.6	−11.6	84.4	352.0
653	1.0	0.0	0.647	53.2	84.1	−15.6	85.6	349.4	0.3	350	1.0	0.0	0.65	53.2	84.5	−15.7	85.9	349.4
654	1.0	0.0	0.746	54.1	86.6	−28.2	91.1	341.9	0.1	344	1.0	0.0	0.747	54.1	86.7	−28.3	91.2	341.8
655	1.0	0.0	0.854	55.3	89.7	−41.4	98.8	335.1	0.2	337	1.0	0.0	0.855	55.4	89.9	−41.4	99.0	335.2
656	1.0	0.0	0.991	57.1	94.0	−57.4	110.2	328.5	0.0	330	1.0	0.0	0.991	57.1	94.1	−57.4	110.3	328.6
657	1.0	0.0	0.157	50.6	77.3	51.2	92.8	33.5	0.4	381	1.0	0.0	0.156	50.6	77.6	50.9	92.9	33.2
658	1.0	0.274	0.346	55.4	67.0	30.9	73.8	24.8	2.4	375	1.0	0.0	0.263	50.9	78.3	37.3	86.7	25.4
659	1.0	0.276	0.434	55.8	68.1	18.9	70.7	15.5	2.2	369	1.0	0.0	0.36	51.3	79.3	23.5	82.7	16.5
660	1.0	0.25	0.5	55.5	71.3	9.0	71.8	7.2	1.8	363	1.0	0.0	0.452	51.7	80.8	10.8	81.6	7.6
661	1.0	0.279	0.607	57.0	71.4	−4.2	71.5	356.6	1.7	356	1.0	0.0	0.557	52.5	82.7	−3.4	82.8	357.6
662	1.0	0.282	0.66	57.5	72.4	−10.8	73.2	351.4	1.4	352	1.0	0.0	0.615	52.9	83.5	−11.2	84.3	352.3
663	1.0	0.285	0.749	58.3	74.7	−22.1	77.9	343.4	1.1	345	1.0	0.0	0.723	53.9	86.3	−25.1	89.9	343.7
664	1.0	0.289	0.859	59.6	77.8	−35.6	85.6	335.4	1.3	338	1.0	0.0	0.84	55.2	89.5	−39.5	97.9	336.1
665	1.0	0.296	0.994	61.3	82.1	−51.2	96.7	328.0	1.1	330	1.0	0.0	0.991	57.1	94.1	−57.4	110.3	328.6
666	0.999	0.102	0.0	51.2	74.7	64.8	98.9	40.9	0.2	35	1.0	0.102	0.0	51.3	74.4	64.8	98.7	41.0
667	1.0	0.272	0.242	55.0	66.0	44.7	79.7	34.1	2.6	382	1.0	0.0	0.14	50.6	77.4	53.0	93.8	34.3
668	1.0	0.409	0.432	60.5	55.4	25.5	61.0	24.7	4.3	375	1.0	0.0	0.263	50.9	78.3	37.3	86.7	25.4
669	1.0	0.412	0.501	60.9	56.4	16.4	58.8	16.2	3.3	368	1.0	0.0	0.373	51.3	79.2	21.9	82.2	15.4
670	1.0	0.415	0.605	61.6	58.5	2.9	58.6	2.8	3.0	360	1.0	0.0	0.486	51.9	81.1	6.1	81.3	4.3
671	1.0	0.42	0.709	62.6	60.9	−10.1	61.7	350.5	2.4	352	1.0	0.0	0.617	52.9	83.6	−11.6	84.4	352.0
672	1.0	0.421	0.749	62.9	62.0	−15.1	63.8	346.2	2.3	347	1.0	0.0	0.686	53.6	85.5	−20.3	87.9	346.6
673	1.0	0.427	0.868	64.2	65.4	−29.5	71.8	335.7	2.1	339	1.0	0.0	0.824	55.0	89.1	−37.5	96.7	337.1
674	1.0	0.436	0.997	65.9	69.4	−44.3	82.4	327.4	1.8	330	1.0	0.0	0.991	57.1	94.1	−57.4	110.3	328.6
675	0.999	0.359	0.0	57.6	57.0	67.6	88.4	49.8	0.1	50	1.0	0.358	0.0	57.6	56.9	67.8	88.5	49.9
676	1.0	0.344	0.161	57.2	59.0	56.4	81.7	43.7	2.4	40	1.0	0.198	0.0	53.0	69.6	65.6	95.7	43.3
677	1.0	0.408	0.33	60.0	54.0	38.8	66.5	35.6	4.8	383	1.0	0.0	0.123	50.5	77.2	55.0	94.8	35.5
678	1.0	0.5	0.5	64.7	46.4	21.9	51.3	25.2	3.9	375	1.0	0.0	0.263	50.9	78.3	37.3	86.7	25.4
679	1.0	0.525	0.607	66.5	46.0	9.6	47.0	11.8	4.6	366	1.0	0.0	0.395	51.4	79.8	18.7	82.0	13.2
680	1.0	0.529	0.699	67.2	48.2	−1.8	48.2	357.7	3.7	357	1.0	0.0	0.533	52.3	82.1	−0.2	82.1	359.8
681	1.0	0.5	0.75	66.3	53.2	−10.2	54.2	349.1	3.0	350	1.0	0.0	0.637	53.1	84.1	−14.2	85.3	350.4
682	1.0	0.538	0.87	69.0	53.0	−22.5	57.6	336.9	2.7	341	1.0	0.0	0.793	54.7	88.2	−33.8	94.5	339.0
683	1.0	0.547	0.999	70.6	57.1	−37.2	68.2	326.8	2.3	330	1.0	0.0	0.991	57.1	94.1	−57.4	110.3	328.6
684	0.999	0.489	0.0	63.1	42.6	70.7	82.5	58.9	0.1	59	1.0	0.487	0.0	63.1	42.7	70.8	82.7	58.8
685	1.0	0.493	0.18	63.5	42.7	60.1	73.7	54.5	2.3	54	1.0	0.41	0.0	59.7	51.4	69.1	86.1	53.3
686	1.0	0.5	0.292	64.0	43.0	48.2	64.6	48.2	4.8	46	1.0	0.29	0.0	55.4	63.0	66.8	91.8	46.6
687	1.0	0.5	0.375	64.2	44.1	38.0	58.3	40.7	5.1	386	1.0	0.0	0.062	50.5	77.2	59.7	97.6	37.7
688	1.0	0.622	0.61	71.4	33.9	16.1	37.6	25.4	5.9	375	1.0	0.0	0.263	50.9	78.3	37.3	86.7	25.4
689	1.0	0.623	0.7	72.0	36.5	4.7	36.8	7.4	4.6	364	1.0	0.0	0.429	51.6	80.5	14.0	81.7	9.8
690	1.0	0.623	0.804	72.6	40.0	−8.0	40.8	348.5	3.2	352	1.0	0.0	0.617	52.9	83.6	−11.6	84.4	352.0
691	1.0	0.623	0.873	73.2	42.6	−16.5	45.7	338.7	2.9	344	1.0	0.0	0.747	54.1	86.7	−28.3	91.2	341.8
692	1.0	0.645	1.0	75.4	45.0	−29.9	54.1	326.3	2.5	330	1.0	0.0	0.991	57.1	94.1	−57.4	110.3	328.6
693	1.0	0.588	0.0	68.1	30.4	73.7	79.8	67.5	0.4	65	1.0	0.589	0.0	68.2	30.2	74.2	80.1	67.8
694	1.0	0.607	0.197	69.3	28.8	63.6	69.9	65.6	1.8	63	1.0	0.552	0.0	66.3	34.9	73.1	81.0	64.4
695	1.0	0.618	0.318	70.1	28.7	51.8	59.2	60.9	3.7	59	1.0	0.487	0.0	63.1	42.7	70.8	82.7	58.8
696	1.0	0.623	0.419	70.6	29.6	40.2	49.9	53.6	5.5	52	1.0	0.379	0.0	58.3	54.9	68.1	87.5	51.0
697	1.0	0.625	0.5	71.0	31.0	30.2	43.3	44.3	6.9	35	1.0	0.102	0.0	51.3	74.4	64.8	98.7	41.0
698	1.0	0.719	0.703	77.2	24.3	11.8	27.1	25.9	5.6	375	1.0	0.0	0.263	50.9	78.3	37.3	86.7	25.4
699	1.0	0.723	0.797	78.0	26.9	0.6	26.9	1.4	3.9	360	1.0	0.0	0.486	51.9	81.1	6.1	81.3	4.3
700	1.0	0.728	0.879	78.8	29.4	−8.9	30.8	343.0	3.0	347	1.0	0.0	0.686	53.6	85.5	−20.3	87.9	346.6
701	1.0	0.739	1.0	80.3	33.1	−22.4	40.0	325.8	2.4	330	1.0	0.0	0.991	57.1	94.1	−57.4	110.3	328.6
702	1.0	0.682	0.0	73.3	18.4	77.1	79.3	76.5	0.5	72	1.0	0.684	0.0	73.5	18.3	77.7	79.8	76.7
703	1.0	0.7	0.215	74.5	17.0	66.9	69.0	75.6	1.6	70	1.0	0.661	0.0	72.1	21.3	76.7	79.6	74.4
704	1.0	0.716	0.341	75.6	16.4	55.3	57.7	73.4	3.0	68	1.0	0.626	0.0	70.1	25.6	75.1	79.3	71.1
705	1.0	0.734	0.446	76.9	15.9	44.5	47.3	70.2	4.3	65	1.0	0.576	0.0	67.6	31.8	73.8	80.4	66.6
706	1.0	0.745	0.545	77.9	16.5	33.4	37.3	63.6	5.3	59	1.0	0.487	0.0	63.1	42.7	70.8	82.7	58.8
707	1.0	0.75	0.625	78.5	18.1	24.0	30.0	52.9	5.9	46	1.0	0.29	0.0	55.4	63.0	66.8	91.8	46.6
708	1.0	0.814	0.8	83.1	15.5	7.7	17.3	26.4	4.5	375	1.0	0.0	0.263	50.9	78.3	37.3	86.7	25.4
709	1.0	0.819	0.9	84.1	18.6	−3.9	19.0	348.0	2.5	352	1.0	0.0	0.617	52.9	83.6	−11.6	84.4	352.0
710	1.0	0.827	1.0	85.2	21.7	−15.0	26.4	325.3	1.9	330	1.0	0.0	0.991	57.1	94.1	−57.4	110.3	328.6
711	1.0	0.766	0.0	78.2	7.7	80.4	80.8	84.4	0.2	77	1.0	0.767	0.0	78.3	7.7	80.7	81.0	84.5
712	1.0	0.783	0.234	79.3	6.7	69.7	70.0	84.4	1.4	76	1.0	0.754	0.0	77.5	9.2	80.0	80.5	83.4
713	1.0	0.803	0.361	80.8	5.6	58.8	59.1	84.5	2.6	75	1.0	0.742	0.0	76.8	10.7	79.6	80.3	82.2
714	1.0	0.82	0.469	82.1	5.3	48.1	48.4	83.6	3.5	74	1.0	0.719	0.0	75.5	13.8	78.9	80.1	80.0
715	1.0	0.838	0.569	83.5	5.4	37.6	37.9	81.8	4.0	72	1.0	0.684	0.0	73.5	18.3	77.7	79.8	76.7
716	1.0	0.856	0.67	85.0	5.8	26.9	27.6	77.8	4.0	68	1.0	0.626	0.0	70.1	25.6	75.1	79.3	71.1
717	1.0	0.872	0.768	86.4	6.9	16.4	17.8	67.0	4.0	59	1.0	0.487	0.0	63.1	42.7	70.8	82.7	58.8
718	1.0	0.907	0.899	89.2	7.3	3.7	8.3	27.1	2.6	375	1.0	0.0	0.263	50.9	78.3	37.3	86.7	25.4
719	1.0	0.914	1.0	90.3	10.6	−7.4	13.0	324.9	1.1	330	1.0	0.0	0.991	57.1	94.1	−57.4	110.3	328.6
720	1.0	0.856	0.0	83.6	−3.4	84.2	84.3	92.3	0.2	82	1.0	0.856	0.0	83.7	−3.4	84.5	84.5	92.3
721	1.0	0.873	0.25	84.8	−4.3	73.4	73.5	93.3	1.4	82	1.0	0.856	0.0	83.7	−3.4	84.5	84.5	92.3
722	1.0	0.875	0.375	85.1	−3.0	62.1	62.2	92.7	1.9	82	1.0	0.856	0.0	83.7	−3.4	84.5	84.5	92.3
723	1.0	0.907	0.492	87.4	−4.9	51.7	52.0	95.4	3.0	82	1.0	0.856	0.0	83.7	−3.4	84.5	84.5	92.3
724	1.0	0.925	0.594	88.9	−4.7	41.4	41.7	96.5	3.2	82	1.0	0.856	0.0	83.7	−3.4	84.5	84.5	92.3
725	1.0	0.943	0.696	90.4	−4.1	30.9	31.2	97.6	3.0	82	1.0	0.856	0.0	83.7	−3.4	84.5	84.5	92.3
726	1.0	0.961	0.797	91.9	−3.1	20.4	20.7	98.7	2.4	82	1.0	0.856	0.0	83.7	−3.4	84.5	84.5	92.3
727	1.0	0.98	0.898	93.6	−1.7	10.1	10.3	99.7	1.4	82	1.0	0.856	0.0	83.7	−3.4	84.5	84.5	92.3
728	1.0	1.0	1.0	95.4	0.0	0.0	0.0	325.2	0.0	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0

delta E'^* = 2.5

5−1132734−F0 RN890−7N, 28/33−F

TUB-prøveplansje RN89; 16-trinns fargetonesirkel, cf=1
farger og fargeavstander, $\Delta E'^*$

input: $rgb/cmyk -> rgb_{de}$
output: 3D-linearisering til rgb^*_{de}

TUB registrering: 20150701-RN89/RN89L0FP.PDF /.PS TUB-material: code=rha4ta
anvendelse for måling av display output, ingen separasjon rgb* (RGB)

http://130.149.60.45/~farbmetrik/RN89/RN89L0FP.PDF /.PS; 3D-linearisering
F: 3D-linearisering RN89/RN89LJ30FP.DAT i fil (F), side 29/33

n	HIC*Fde	rgb_Fde			ict_Fde			hsi_F,de	rgb*Fde			LabCh*Fde				
729	NW_100de	1.0	1.0	1.0	1.0	0.0	1.0	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
730	G50B_100_012de	0.875	1.0	1.0	1.0	0.125	0.937	210	0.875	0.986	1.0	93.3	−4.2	−3.2	5.3	216.9
731	G50B_100_025de	0.75	1.0	1.0	1.0	0.25	0.875	210	0.75	0.972	1.0	91.3	−8.5	−6.4	10.7	216.9
732	G50B_100_037de	0.625	1.0	1.0	1.0	0.375	0.812	210	0.625	0.958	1.0	89.2	−12.8	−9.6	16.0	216.9
733	G50B_100_050de	0.5	1.0	1.0	1.0	0.5	0.75	210	0.5	0.945	1.0	87.2	−17.1	−12.8	21.4	216.9
734	G50B_100_062de	0.375	1.0	1.0	1.0	0.625	0.687	210	0.375	0.931	1.0	85.2	−21.4	−16.1	26.8	216.9
735	G50B_100_075de	0.25	1.0	1.0	1.0	0.75	0.625	210	0.25	0.917	1.0	83.1	−25.6	−19.3	32.1	216.9
736	G50B_100_087de	0.125	1.0	1.0	1.0	0.875	0.562	210	0.125	0.903	1.0	81.1	−29.9	−22.5	37.5	216.9
737	G50B_100_100de	0.0	1.0	1.0	1.0	1.0	0.5	210	0.0	0.89	1.0	79.0	−34.2	−25.7	42.8	216.9
738	R00Y_100_012de	1.0	0.875	0.875	1.0	0.125	0.937	390	1.0	0.875	0.907	89.8	9.7	4.6	10.8	25.4
739	NW_087de	0.875	0.875	0.875	0.875	0.0	0.875	360	0.875	0.875	0.875	83.4	0.0	0.0	0.0	0.0
740	G50B_087_012de	0.75	0.875	0.875	0.875	0.125	0.812	210	0.75	0.861	0.875	81.4	−4.2	−3.2	5.3	216.9
741	G50B_087_025de	0.625	0.875	0.875	0.875	0.25	0.75	210	0.625	0.847	0.875	79.4	−8.5	−6.4	10.7	216.9
742	G50B_087_037de	0.5	0.875	0.875	0.875	0.375	0.687	210	0.5	0.833	0.875	77.3	−12.8	−9.6	16.0	216.9
743	G50B_087_050de	0.375	0.875	0.875	0.875	0.5	0.625	210	0.375	0.82	0.875	75.3	−17.1	−12.8	21.4	216.9
744	G50B_087_062de	0.25	0.875	0.875	0.875	0.625	0.562	210	0.25	0.806	0.875	73.2	−21.4	−16.1	26.8	216.9
745	G50B_087_075de	0.125	0.875	0.875	0.875	0.75	0.5	210	0.125	0.792	0.875	71.2	−25.6	−19.3	32.1	216.9
746	G50B_087_087de	0.0	0.875	0.875	0.875	0.875	0.437	210	0.0	0.778	0.875	69.1	−29.9	−22.5	37.5	216.9
747	R00Y_100_025de	1.0	0.75	0.75	1.0	0.25	0.875	390	1.0	0.75	0.815	84.2	19.5	9.3	21.6	25.4
748	R00Y_087_012de	0.875	0.75	0.75	0.875	0.125	0.812	390	0.875	0.75	0.782	77.9	9.7	4.6	10.8	25.4
749	NW_075de	0.75	0.75	0.75	0.75	0.0	0.75	360	0.75	0.75	0.75	71.5	0.0	0.0	0.0	0.0
750	G50B_075_012de	0.625	0.75	0.75	0.75	0.125	0.687	210	0.625	0.736	0.75	69.5	−4.2	−3.2	5.3	216.9
751	G50B_075_025de	0.5	0.75	0.75	0.75	0.25	0.625	210	0.5	0.722	0.75	67.4	−8.5	−6.4	10.7	216.9
752	G50B_075_037de	0.375	0.75	0.75	0.75	0.375	0.562	210	0.375	0.708	0.75	65.4	−12.8	−9.6	16.0	216.9
753	G50B_075_050de	0.25	0.75	0.75	0.75	0.5	0.5	210	0.25	0.695	0.75	63.3	−17.1	−12.8	21.4	216.9
754	G50B_075_062de	0.125	0.75	0.75	0.75	0.625	0.437	210	0.125	0.681	0.75	61.3	−21.4	−16.1	26.8	216.9
755	G50B_075_075de	0.0	0.75	0.75	0.75	0.75	0.375	210	0.0	0.667	0.75	59.3	−25.6	−19.3	32.1	216.9
756	R00Y_100_037de	1.0	0.625	0.625	1.0	0.375	0.812	390	1.0	0.625	0.723	78.7	29.3	13.9	32.5	25.4
757	R00Y_087_025de	0.875	0.625	0.625	0.875	0.25	0.75	390	0.875	0.625	0.69	72.3	19.5	9.3	21.6	25.4
758	R00Y_075_012de	0.75	0.625	0.625	0.75	0.125	0.687	390	0.75	0.625	0.657	65.9	9.7	4.6	10.8	25.4
759	NW_062de	0.625	0.625	0.625	0.625	0.0	0.625	360	0.625	0.625	0.625	59.6	0.0	0.0	0.0	0.0
760	G50B_062_012de	0.5	0.625	0.625	0.625	0.125	0.562	210	0.5	0.611	0.625	57.5	−4.2	−3.2	5.3	216.9
761	G50B_062_025de	0.375	0.625	0.625	0.625	0.25	0.5	210	0.375	0.597	0.625	55.5	−8.5	−6.4	10.7	216.9
762	G50B_062_037de	0.25	0.625	0.625	0.625	0.375	0.437	210	0.25	0.583	0.625	53.5	−12.8	−9.6	16.0	216.9
763	G50B_062_050de	0.125	0.625	0.625	0.625	0.5	0.375	210	0.125	0.57	0.625	51.4	−17.1	−12.8	21.4	216.9
764	G50B_062_062de	0.0	0.625	0.625	0.625	0.625	0.312	210	0.0	0.556	0.625	49.4	−21.4	−16.1	26.8	216.9
765	R00Y_100_050de	1.0	0.5	0.5	1.0	0.5	0.75	390	1.0	0.5	0.631	73.1	39.1	18.6	43.3	25.4
766	R00Y_087_037de	0.875	0.5	0.5	0.875	0.375	0.687	390	0.875	0.5	0.598	66.8	29.3	13.9	32.5	25.4
767	R00Y_075_025de	0.75	0.5	0.5	0.75	0.25	0.625	390	0.75	0.5	0.565	60.4	19.5	9.3	21.6	25.4
768	R00Y_062_012de	0.625	0.5	0.5	0.625	0.125	0.562	390	0.625	0.5	0.532	54.0	9.7	4.6	10.8	25.4
769	NW_050de	0.5	0.5	0.5	0.5	0.0	0.5	360	0.5	0.5	0.5	47.7	0.0	0.0	0.0	0.0
770	G50B_050_012de	0.375	0.5	0.5	0.5	0.125	0.437	210	0.375	0.486	0.5	45.6	−4.2	−3.2	5.3	216.9
771	G50B_050_025de	0.25	0.5	0.5	0.5	0.25	0.375	210	0.249	0.472	0.5	43.6	−8.5	−6.4	10.7	216.9
772	G50B_050_037de	0.125	0.5	0.5	0.5	0.375	0.312	210	0.124	0.458	0.5	41.5	−12.8	−9.6	16.0	216.9
773	G50B_050_050de	0.0	0.5	0.5	0.5	0.5	0.25	210	0.0	0.445	0.5	39.5	−17.1	−12.8	21.4	216.9
774	R00Y_100_062de	1.0	0.375	0.375	1.0	0.625	0.687	390	1.0	0.375	0.539	67.6	48.9	23.3	54.2	25.4
775	R00Y_087_050de	0.875	0.375	0.375	0.875	0.5	0.625	390	0.875	0.375	0.506	61.2	39.1	18.6	43.3	25.4
776	R00Y_075_037de	0.75	0.375	0.375	0.75	0.375	0.562	390	0.75	0.375	0.473	54.8	29.3	13.9	32.5	25.4
777	R00Y_062_025de	0.625	0.375	0.375	0.625	0.25	0.5	390	0.625	0.375	0.44	48.5	19.5	9.3	21.6	25.4
778	R00Y_050_012de	0.5	0.375	0.375	0.5	0.125	0.437	390	0.5	0.375	0.407	42.1	9.7	4.6	10.8	25.4
779	NW_037de	0.375	0.375	0.375	0.375	0.0	0.375	360	0.375	0.375	0.375	35.7	0.0	0.0	0.0	0.0
780	G50B_037_012de	0.25	0.375	0.375	0.375	0.125	0.312	210	0.249	0.361	0.375	33.7	−4.2	−3.2	5.3	216.9
781	G50B_037_025de	0.125	0.375	0.375	0.375	0.25	0.25	210	0.124	0.347	0.375	31.6	−8.5	−6.4	10.7	216.9
782	G50B_037_037de	0.0	0.375	0.375	0.375	0.375	0.187	210	0.0	0.333	0.375	29.6	−12.8	−9.6	16.0	216.9
783	R00Y_100_075de	1.0	0.25	0.25	1.0	0.75	0.625	390	1.0	0.25	0.447	62.0	58.7	27.9	65.0	25.4
784	R00Y_087_062de	0.875	0.25	0.25	0.875	0.625	0.562	390	0.875	0.25	0.414	55.6	48.9	23.3	54.2	25.4
785	R00Y_075_050de	0.75	0.25	0.25	0.75	0.5	0.5	390	0.75	0.25	0.381	49.3	39.1	18.6	43.3	25.4
786	R00Y_062_037de	0.625	0.25	0.25	0.625	0.375	0.437	390	0.625	0.25	0.348	42.9	29.3	13.9	32.5	25.4
787	R00Y_050_025de	0.5	0.25	0.25	0.5	0.25	0.375	390	0.5	0.249	0.315	36.5	19.5	9.3	21.6	25.4
788	R00Y_037_012de	0.375	0.25	0.25	0.375	0.125	0.312	390	0.375	0.249	0.282	30.2	9.7	4.6	10.8	25.4
789	NW_025de	0.25	0.25	0.25	0.25	0.0	0.25	360	0.25	0.25	0.25	23.8	0.0	0.0	0.0	0.0
790	G50B_025_012de	0.125	0.25	0.25	0.25	0.125	0.187	210	0.124	0.236	0.25	21.8	−4.2	−3.2	5.3	216.9
791	G50B_025_025de	0.0	0.25	0.25	0.25	0.25	0.125	210	0.0	0.222	0.25	19.7	−8.5	−6.4	10.7	216.9
792	R00Y_100_087de	1.0	0.125	0.125	1.0	0.875	0.562	390	1.0	0.125	0.355	56.4	68.5	32.6	75.8	25.4
793	R00Y_087_075de	0.875	0.125	0.125	0.875	0.75	0.5	390	0.875	0.125	0.322	50.1	58.7	27.9	65.0	25.4
794	R00Y_075_062de	0.75	0.125	0.125	0.75	0.625	0.437	390	0.75	0.125	0.289	43.7	48.9	23.3	54.2	25.4
795	R00Y_062_050de	0.625	0.125	0.125	0.625	0.5	0.375	390	0.625	0.125	0.256	37.3	39.1	18.6	43.3	25.4
796	R00Y_050_037de	0.5	0.125	0.125	0.5	0.375	0.312	390	0.5	0.124	0.223	31.0	29.3	13.9	32.5	25.4
797	R00Y_037_025de	0.375	0.125	0.125	0.375	0.25	0.25	390	0.375	0.124	0.19	24.6	19.5	9.3	21.6	25.4
798	R00Y_025_012de	0.25	0.125	0.125	0.25	0.125	0.187	390	0.25	0.124	0.157	18.2	9.7	4.6	10.8	25.4
799	NW_012de	0.125	0.125	0.125	0.125	0.0	0.125	360	0.125	0.125	0.125	11.9	0.0	0.0	0.0	0.0
800	G50B_012_012de	0.0	0.125	0.125	0.125	0.125	0.062	210	0.0	0.111	0.125	9.8	−4.2	−3.2	5.3	216.9
801	R00Y_100_100de	1.0	0.0	0.0	1.0	1.0	0.5	390	1.0	0.0	0.263	50.9	78.3	37.3	86.7	25.4
802	R00Y_087_087de	0.875	0.0	0.0	0.875	0.875	0.437	390	0.875	0.0	0.23	44.5	68.5	32.6	75.8	25.4
803	R00Y_075_075de	0.75	0.0	0.0	0.75	0.75	0.375	390	0.75	0.0	0.197	38.1	58.7	27.9	65.0	25.4
804	R00Y_062_062de	0.625	0.0	0.0	0.625	0.625	0.312	390	0.625	0.0	0.164	31.8	48.9	23.3	54.2	25.4
805	R00Y_050_050de	0.5	0.0	0.0	0.5	0.5	0.25	390	0.5	0.0	0.131	25.4	39.1	18.6	43.3	25.4
806	R00Y_037_037de	0.375	0.0	0.0	0.375	0.375	0.187	390	0.375	0.0	0.098	19.0	29.3	13.9	32.5	25.4
807	R00Y_025_025de	0.25	0.0	0.0	0.25	0.25	0.125	390	0.25	0.0	0.065	12.7	19.5	9.3	21.6	25.4
808	R00Y_012_012de	0.125	0.0	0.0	0.125	0.125	0.062	390	0.125	0.0	0.032	6.3	9.7	4.6	10.8	25.4
809	NW_000de	0.0	0.0	0.0	0.0	0.0	0.0	360	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

n	rgb'*Fde			LabCh'*Fde					DE'*Fde	hsiM,de	rgb*Mde			LabCh*Mde				
729	1.0	1.0	1.0	95.4	0.0	0.0	0.0	325.2	0.0	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
730	0.924	0.987	1.0	93.3	−4.3	−3.2	5.4	216.5	0.1	215	0.0	0.89	1.0	79.0	−34.2	−25.7	42.8	216.9
731	0.847	0.974	1.0	91.2	−8.7	−6.4	10.8	216.1	0.2	215	0.0	0.89	1.0	79.0	−34.2	−25.7	42.8	216.9
732	0.765	0.961	1.0	89.2	−13.1	−9.5	16.2	216.1	0.2	215	0.0	0.89	1.0	79.0	−34.2	−25.7	42.8	216.9
733	0.676	0.947	1.0	87.1	−17.5	−12.7	21.7	216.0	0.4	215	0.0	0.89	1.0	79.0	−34.2	−25.7	42.8	216.9
734	0.581	0.933	1.0	85.1	−21.8	−15.9	27.0	216.1	0.4	215	0.0	0.89	1.0	79.0	−34.2	−25.7	42.8	216.9
735	0.471	0.919	1.0	83.1	−26.0	−19.0	32.2	216.2	0.4	215	0.0	0.89	1.0	79.0	−34.2	−25.7	42.8	216.9
736	0.322	0.905	1.0	81.0	−30.4	−22.2	37.7	216.2	0.5	215	0.0	0.89	1.0	79.0	−34.2	−25.7	42.8	216.9
737	0.0	0.89	1.0	79.0	−34.1	−25.3	42.5	216.6	0.4	215	0.0	0.89	1.0	79.0	−34.2	−25.7	42.8	216.9
738	1.0	0.907	0.899	89.2	7.3	3.7	8.3	27.1	2.6	375	1.0	0.0	0.263	50.9	78.3	37.3	86.7	25.4
739	0.858	0.86	0.86	83.3	0.0	0.0	0.1	212.6	0.1	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
740	0.786	0.847	0.86	81.3	−4.4	−3.2	5.5	216.4	0.1	215	0.0	0.89	1.0	79.0	−34.2	−25.7	42.8	216.9
741	0.707	0.835	0.86	79.2	−8.9	−6.5	11.0	216.3	0.4	215	0.0	0.89	1.0	79.0	−34.2	−25.7	42.8	216.9
742	0.629	0.822	0.861	77.2	−13.0	−9.7	16.3	216.6	0.2	215	0.0	0.89	1.0	79.0	−34.2	−25.7	42.8	216.9
743	0.542	0.809	0.862	75.2	−17.3	−12.9	21.6	216.8	0.2	215	0.0	0.89	1.0	79.0	−34.2	−25.7	42.8	216.9
744	0.44	0.795	0.862	73.1	−21.6	−16.2	27.0	216.8	0.2	215	0.0	0.89	1.0	79.0	−34.2	−25.7	42.8	216.9
745	0.312	0.781	0.863	71.1	−25.9	−19.4	32.3	216.8	0.2	215	0.0	0.89	1.0	79.0	−34.2	−25.7	42.8	216.9
746	0.047	0.767	0.863	69.0	−30.1	−22.6	37.7	216.8	0.2	215	0.0	0.89	1.0	79.0	−34.2	−25.7	42.8	216.9
747	1.0	0.814	0.8	83.1	15.5	7.7	17.3	26.4	4.5	375	1.0	0.0	0.263	50.9	78.3	37.3	86.7	25.4
748	0.886	0.769	0.762	77.8	9.7	4.6	10.8	25.3	0.1	375	1.0	0.0	0.263	50.9	78.3	37.3	86.7	25.4
749	0.721	0.724	0.724	71.3	−0.1	0.0	0.2	207.8	0.2	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
750	0.652	0.712	0.724	69.3	−4.4	−3.2	5.5	216.2	0.2	215	0.0	0.89	1.0	79.0	−34.2	−25.7	42.8	216.9
751	0.576	0.7	0.725	67.2	−8.8	−6.5	11.0	216.3	0.4	215	0.0	0.89	1.0	79.0	−34.2	−25.7	42.8	216.9
752	0.501	0.687	0.725	65.3	−12.8	−9.6	16.0	216.8	0.1	215	0.0	0.89	1.0	79.0	−34.2	−25.7	42.8	216.9
753	0.408	0.674	0.726	63.2	−17.3	−12.9	21.6	216.8	0.2	215	0.0	0.89	1.0	79.0	−34.2	−25.7	42.8	216.9
754	0.294	0.661	0.726	61.1	−21.7	−16.2	27.1	216.8	0.3	215	0.0	0.89	1.0	79.0	−34.2	−25.7	42.8	216.9
755	0.104	0.647	0.726	59.1	−25.9	−19.4	32.4	216.8	0.3	215	0.0	0.89	1.0	79.0	−34.2	−25.7	42.8	216.9
756	1.0	0.719	0.703	77.2	24.3	11.8	27.1	25.9	5.6	375	1.0	0.0	0.263	50.9	78.3	37.3	86.7	25.4
757	0.9	0.678	0.666	72.1	19.5	9.2	21.6	25.2	0.2	375	1.0	0.0	0.263	50.9	78.3	37.3	86.7	25.4
758	0.749	0.637	0.629	65.8	9.7	4.6	10.8	25.4	0.1	375	1.0	0.0	0.263	50.9	78.3	37.3	86.7	25.4
759	0.59	0.593	0.594	59.4	−0.2	−0.1	0.3	206.3	0.3	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
760	0.524	0.583	0.594	57.4	−4.4	−3.2	5.5	215.9	0.2	215	0.0	0.89	1.0	79.0	−34.2	−25.7	42.8	216.9
761	0.449	0.571	0.595	55.4	−9.0	−6.4	11.1	215.6	0.4	215	0.0	0.89	1.0	79.0	−34.2	−25.7	42.8	216.9
762	0.371	0.559	0.595	53.4	−13.2	−9.5	16.3	215.8	0.3	215	0.0	0.89	1.0	79.0	−34.2	−25.7	42.8	216.9
763	0.271	0.547	0.595	51.4	−17.7	−12.7	21.8	215.7	0.6	215	0.0	0.89	1.0	79.0	−34.2	−25.7	42.8	216.9
764	0.126	0.534	0.596	49.4	−21.9	−15.9	27.1	215.9	0.5	215	0.0	0.89	1.0	79.0	−34.2	−25.7	42.8	216.9
765	1.0	0.622	0.61	71.4	33.9	16.1	37.6	25.4	5.9	375	1.0	0.0	0.263	50.9	78.3	37.3	86.7	25.4
766	0.908	0.586	0.574	66.6	29.3	13.8	32.4	25.2	0.1	375	1.0	0.0	0.263	50.9	78.3	37.3	86.7	25.4
767	0.76	0.549	0.54	60.2	19.3	9.0	21.3	25.1	0.4	375	1.0	0.0	0.263	50.9	78.3	37.3	86.7	25.4
768	0.616	0.512	0.506	54.1	9.4	4.4	10.4	25.3	0.3	375	1.0	0.0	0.263	50.9	78.3	37.3	86.7	25.4
769	0.466	0.47	0.471	47.7	−0.3	−0.1	0.4	205.6	0.4	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
770	0.4	0.459	0.471	45.7	−4.7	−3.3	5.8	215.5	0.4	215	0.0	0.89	1.0	79.0	−34.2	−25.7	42.8	216.9
771	0.324	0.448	0.471	43.6	−9.3	−6.6	11.5	215.3	0.8	215	0.0	0.89	1.0	79.0	−34.2	−25.7	42.8	216.9
772	0.243	0.437	0.472	41.6	−13.4	−9.7	16.6	215.9	0.6	215	0.0	0.89	1.0	79.0	−34.2	−25.7	42.8	216.9
773	0.126	0.424	0.472	39.6	−17.6	−12.9	21.9	216.1	0.5	215	0.0	0.89	1.0	79.0	−34.2	−25.7	42.8	216.9
774	1.0	0.5	0.5	64.7	46.4	21.9	51.3	25.2	3.9	375	1.0	0.0	0.263	50.9	78.3	37.3	86.7	25.4
775	0.908	0.492	0.486	61.2	39.0	18.4	43.1	25.2	0.2	375	1.0	0.0	0.263	50.9	78.3	37.3	86.7	25.4
776	0.765	0.459	0.451	54.7	29.1	13.6	32.1	25.1	0.3	375	1.0	0.0	0.263	50.9	78.3	37.3	86.7	25.4
777	0.624	0.425	0.417	48.3	19.1	8.9	21.1	25.1	0.5	375	1.0	0.0	0.263	50.9	78.3	37.3	86.7	25.4
778	0.491	0.39	0.384	42.2	9.7	4.5	10.7	25.2	0.1	375	1.0	0.0	0.263	50.9	78.3	37.3	86.7	25.4
779	0.345	0.35	0.35	35.7	−0.4	−0.2	0.5	205.6	0.5	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
780	0.281	0.34	0.351	33.6	−4.9	−3.4	6.0	215.0	0.6	215	0.0	0.89	1.0	79.0	−34.2	−25.7	42.8	216.9
781	0.204	0.329	0.351	31.6	−9.6	−6.7	11.7	214.7	1.1	215	0.0	0.89	1.0	79.0	−34.2	−25.7	42.8	216.9
782	0.108	0.318	0.351	29.6	−13.8	−9.7	16.9	215.2	1.0	215	0.0	0.89	1.0	79.0	−34.2	−25.7	42.8	216.9
783	1.0	0.409	0.432	60.5	55.4	25.5	61.0	24.7	4.3	375	1.0	0.0	0.263	50.9	78.3	37.3	86.7	25.4
784	0.899	0.388	0.399	55.6	48.8	23.0	54.0	25.2	0.2	375	1.0	0.0	0.263	50.9	78.3	37.3	86.7	25.4
785	0.762	0.363	0.365	49.2	39.0	18.4	43.1	25.2	0.2	375	1.0	0.0	0.263	50.9	78.3	37.3	86.7	25.4
786	0.626	0.335	0.332	42.7	29.2	13.6	32.2	25.0	0.4	375	1.0	0.0	0.263	50.9	78.3	37.3	86.7	25.4
787	0.497	0.305	0.3	36.5	19.6	9.1	21.6	25.0	0.1	375	1.0	0.0	0.263	50.9	78.3	37.3	86.7	25.4
788	0.366	0.273	0.268	30.1	9.6	4.5	10.6	25.2	0.2	375	1.0	0.0	0.263	50.9	78.3	37.3	86.7	25.4
789	0.232	0.236	0.237	23.7	−0.4	−0.2	0.4	207.2	0.4	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
790	0.167	0.226	0.237	21.6	−5.1	−3.5	6.2	214.5	0.9	215	0.0	0.89	1.0	79.0	−34.2	−25.7	42.8	216.9
791	0.084	0.217	0.237	19.6	−10.0	−6.7	12.0	213.8	1.4	215	0.0	0.89	1.0	79.0	−34.2	−25.7	42.8	216.9
792	1.0	0.274	0.346	55.4	67.0	30.9	73.8	24.8	2.4	375	1.0	0.0	0.263	50.9	78.3	37.3	86.7	25.4
793	0.884	0.266	0.313	50.0	58.7	27.7	65.0	25.3	0.2	375	1.0	0.0	0.263	50.9	78.3	37.3	86.7	25.4
794	0.749	0.256	0.282	43.6	48.7	23.1	53.9	25.3	0.2	375	1.0	0.0	0.263	50.9	78.3	37.3	86.7	25.4
795	0.619	0.237	0.251	37.2	39.2	18.3	43.2	25.0	0.3	375	1.0	0.0	0.263	50.9	78.3	37.3	86.7	25.4
796	0.494	0.214	0.219	30.8	29.8	13.7	32.9	24.7	0.5	375	1.0	0.0	0.263	50.9	78.3	37.3	86.7	25.4
797	0.368	0.189	0.189	24.3	19.8	8.9	21.7	24.2	0.5	375	1.0	0.0	0.263	50.9	78.3	37.3	86.7	25.4
798	0.247	0.163	0.16	18.0	9.4	4.3	10.4	24.7	0.5	375	1.0	0.0	0.263	50.9	78.3	37.3	86.7	25.4
799	0.129	0.132	0.132	11.9	−0.2	0.0	0.2	198.6	0.2	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
800	0.061	0.121	0.133	9.5	−5.3	−3.8	6.5	216.0	1.2	215	0.0	0.89	1.0	79.0	−34.2	−25.7	42.8	216.9
801	1.0	0.0	0.264	50.9	78.1	37.1	86.5	25.4	0.2	375	1.0	0.0	0.263	50.9	78.3	37.3	86.7	25.4
802	0.864	0.053	0.232	44.3	68.9	32.4	76.1	25.2	0.4	375	1.0	0.0	0.263	50.9	78.3	37.3	86.7	25.4
803	0.731	0.086	0.201	37.8	59.2	27.8	65.4	25.1	0.6	375	1.0	0.0	0.263	50.9	78.3	37.3	86.7	25.4
804	0.603	0.103	0.172	31.5	49.2	23.1	54.4	25.1	0.4	375	1.0	0.0	0.263	50.9	78.3	37.3	86.7	25.4
805	0.482	0.102	0.144	25.2	39.8	18.4	43.9	24.8	0.7	375	1.0	0.0	0.263	50.9	78.3	37.3	86.7	25.4
806	0.363	0.092	0.113	18.7	30.3	14.0	33.4	24.7	1.0	375	1.0	0.0	0.263	50.9	78.3	37.3	86.7	25.4
807	0.248	0.077	0.076	12.1	20.4	10.6	23.0	27.4	1.6	375	1.0	0.0	0.263	50.9	78.3	37.3	86.7	25.4
808	0.146	0.043	0.037	5.3	11.5	4.6	12.4	21.9	2.0	375	1.0	0.0	0.263	50.9	78.3	37.3	86.7	25.4
809	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0

delta E'^* = **0.7**

5−1132834−F0 RN890−7N, 29/33−F

TUB-prøveplansje RN89; 16-trinns fargetonesirkel, cf=1 input: $rgb/cmyk$ −> rgb_{de}
farger og fargeavstander, $\Delta E'^*$ output: 3D-linearisering til rgb^*_{de}

se lignende filer: http://130.149.60.45/~farbmetrik/RN89/RN89.HTM
teknisk informasjon: http://www.ps.bam.de eller http://130.149.60.45/~farbmetrik

5−1132834−F0

TUB registrering: 20150701-RN89/RN89L0FP.PDF /.PS TUB-material: code=rha4ta
anvendelse for måling av display output, ingen separasjon rgb* (RGB)

http://130.149.60.45/~farbmetrik/RN89/RN89L0FP.PDF /.PS; 3D-linearisering
F: 3D-linearisering RN89/RN89LJ30FP.DAT i fil (F), side 30/33

n	HIC*$_{Fde}$	rgb$_{_Fde}$			ict$_{_Fde}$			$h_{si\_F,de}$	rgb*$_{Fde}$			LabCh*$_{Fde}$				
810	NW_100de	1.0	1.0	1.0	1.0	0.0	1.0	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
811	B00R_100_012de	0.875	0.875	1.0	1.0	0.125	0.937	270	0.875	0.951	1.0	90.8	0.2	−7.0	7.0	271.7
812	B00R_100_025de	0.75	0.75	1.0	1.0	0.25	0.875	270	0.75	0.902	1.0	86.3	0.4	−14.1	14.1	271.7
813	B00R_100_037de	0.625	0.625	1.0	1.0	0.375	0.812	270	0.625	0.853	1.0	81.8	0.6	−21.2	21.2	271.7
814	B00R_100_050de	0.5	0.5	1.0	1.0	0.5	0.75	270	0.5	0.804	1.0	77.3	0.8	−28.3	28.3	271.7
815	B00R_100_062de	0.375	0.375	1.0	1.0	0.625	0.687	270	0.375	0.755	1.0	72.8	1.0	−35.3	35.3	271.7
816	B00R_100_075de	0.25	0.25	1.0	1.0	0.75	0.625	270	0.25	0.707	1.0	68.2	1.2	−42.4	42.4	271.7
817	B00R_100_087de	0.125	0.125	1.0	1.0	0.875	0.562	270	0.125	0.658	1.0	63.7	1.5	−49.5	49.5	271.7
818	B00R_100_100de	0.0	0.0	1.0	1.0	1.0	0.5	270	0.0	0.609	1.0	59.2	1.7	−56.6	56.6	271.7
819	Y00G_100_012de	1.0	1.0	0.875	1.0	0.125	0.937	90	1.0	0.982	0.875	93.9	−0.4	10.5	10.5	92.3
820	NW_087de	0.875	0.875	0.875	0.875	0.0	0.875	360	0.875	0.875	0.875	83.4	0.0	0.0	0.0	0.0
821	B00R_087_012de	0.75	0.75	0.875	0.875	0.125	0.812	270	0.75	0.826	0.875	78.9	0.2	−7.0	7.0	271.7
822	B00R_087_025de	0.625	0.625	0.875	0.875	0.25	0.75	270	0.625	0.777	0.875	74.4	0.4	−14.1	14.1	271.7
823	B00R_087_037de	0.5	0.5	0.875	0.875	0.375	0.687	270	0.5	0.728	0.875	69.9	0.6	−21.2	21.2	271.7
824	B00R_087_050de	0.375	0.375	0.875	0.875	0.5	0.625	270	0.375	0.679	0.875	65.4	0.8	−28.3	28.3	271.7
825	B00R_087_062de	0.25	0.25	0.875	0.875	0.625	0.562	270	0.25	0.63	0.875	60.8	1.0	−35.3	35.3	271.7
826	B00R_087_075de	0.125	0.125	0.875	0.875	0.75	0.5	270	0.125	0.582	0.875	56.3	1.2	−42.4	42.4	271.7
827	B00R_087_087de	0.0	0.0	0.875	0.875	0.875	0.437	270	0.0	0.533	0.875	51.8	1.5	−49.5	49.5	271.7
828	Y00G_100_025de	1.0	1.0	0.75	1.0	0.25	0.875	90	1.0	0.964	0.75	92.4	−0.8	21.1	21.1	92.3
829	Y00G_087_012de	0.875	0.875	0.75	0.875	0.125	0.812	90	0.875	0.857	0.75	82.0	−0.4	10.5	10.5	92.3
830	NW_075de	0.75	0.75	0.75	0.75	0.0	0.75	360	0.75	0.75	0.75	71.5	0.0	0.0	0.0	0.0
831	B00R_075_012de	0.625	0.625	0.75	0.75	0.125	0.687	270	0.625	0.701	0.75	67.0	0.2	−7.0	7.0	271.7
832	B00R_075_025de	0.5	0.5	0.75	0.75	0.25	0.625	270	0.5	0.652	0.75	62.5	0.4	−14.1	14.1	271.7
833	B00R_075_037de	0.375	0.375	0.75	0.75	0.375	0.562	270	0.375	0.603	0.75	57.9	0.6	−21.2	21.2	271.7
834	B00R_075_050de	0.25	0.25	0.75	0.75	0.5	0.5	270	0.25	0.554	0.75	53.4	0.8	−28.3	28.3	271.7
835	B00R_075_062de	0.125	0.125	0.75	0.75	0.625	0.437	270	0.125	0.505	0.75	48.9	1.0	−35.3	35.3	271.7
836	B00R_075_075de	0.0	0.0	0.75	0.75	0.75	0.375	270	0.0	0.457	0.75	44.4	1.2	−42.4	42.4	271.7
837	Y00G_100_037de	1.0	1.0	0.625	1.0	0.375	0.812	90	1.0	0.946	0.625	91.0	−1.2	31.6	31.7	92.3
838	Y00G_087_025de	0.875	0.875	0.625	0.875	0.25	0.75	90	0.875	0.839	0.625	80.5	−0.8	21.1	21.1	92.3
839	Y00G_075_012de	0.75	0.75	0.625	0.75	0.125	0.687	90	0.75	0.732	0.625	70.0	−0.4	10.5	10.5	92.3
840	NW_062de	0.625	0.625	0.625	0.625	0.0	0.625	360	0.625	0.625	0.625	59.6	0.0	0.0	0.0	0.0
841	B00R_062_012de	0.5	0.5	0.625	0.625	0.125	0.562	270	0.5	0.576	0.625	55.1	0.2	−7.0	7.0	271.7
842	B00R_062_025de	0.375	0.375	0.625	0.625	0.25	0.5	270	0.375	0.527	0.625	50.5	0.4	−14.1	14.1	271.7
843	B00R_062_037de	0.25	0.25	0.625	0.625	0.375	0.437	270	0.25	0.478	0.625	46.0	0.6	−21.2	21.2	271.7
844	B00R_062_050de	0.125	0.125	0.625	0.625	0.5	0.375	270	0.125	0.429	0.625	41.5	0.8	−28.3	28.3	271.7
845	B00R_062_062de	0.0	0.0	0.625	0.625	0.625	0.312	270	0.0	0.38	0.625	37.0	1.0	−35.3	35.3	271.7
846	Y00G_100_050de	1.0	1.0	0.5	1.0	0.5	0.75	90	1.0	0.928	0.5	89.5	−1.7	42.2	42.2	92.3
847	Y00G_087_037de	0.875	0.875	0.5	0.875	0.375	0.687	90	0.875	0.821	0.5	79.1	−1.2	31.6	31.7	92.3
848	Y00G_075_025de	0.75	0.75	0.5	0.75	0.25	0.625	90	0.75	0.714	0.5	68.6	−0.8	21.1	21.1	92.3
849	Y00G_062_012de	0.625	0.625	0.5	0.625	0.125	0.562	90	0.625	0.607	0.5	58.1	−0.4	10.5	10.5	92.3
850	NW_050de	0.5	0.5	0.5	0.5	0.0	0.5	360	0.5	0.5	0.5	47.7	0.0	0.0	0.0	0.0
851	B00R_050_012de	0.375	0.375	0.5	0.5	0.125	0.437	270	0.375	0.451	0.5	43.1	0.2	−7.0	7.0	271.7
852	B00R_050_025de	0.25	0.25	0.5	0.5	0.25	0.375	270	0.249	0.402	0.5	38.6	0.4	−14.1	14.1	271.7
853	B00R_050_037de	0.125	0.125	0.5	0.5	0.375	0.312	270	0.124	0.353	0.5	34.1	0.6	−21.2	21.2	271.7
854	B00R_050_050de	0.0	0.0	0.5	0.5	0.5	0.25	270	0.0	0.304	0.5	29.6	0.8	−28.3	28.3	271.7
855	Y00G_100_062de	1.0	1.0	0.375	1.0	0.625	0.687	90	1.0	0.91	0.375	88.1	−2.1	52.8	52.8	92.3
856	Y00G_087_050de	0.875	0.875	0.375	0.875	0.5	0.625	90	0.875	0.803	0.375	77.6	−1.7	42.2	42.2	92.3
857	Y00G_075_037de	0.75	0.75	0.375	0.75	0.375	0.562	90	0.75	0.696	0.375	67.1	−1.2	31.6	31.7	92.3
858	Y00G_062_025de	0.625	0.625	0.375	0.625	0.25	0.5	90	0.625	0.589	0.375	56.7	−0.8	21.1	21.1	92.3
859	Y00G_050_012de	0.5	0.5	0.375	0.5	0.125	0.437	90	0.5	0.482	0.375	46.2	−0.4	10.5	10.5	92.3
860	NW_037de	0.375	0.375	0.375	0.375	0.0	0.375	360	0.375	0.375	0.375	35.7	0.0	0.0	0.0	0.0
861	B00R_037_012de	0.25	0.25	0.375	0.375	0.125	0.312	270	0.249	0.326	0.375	31.2	0.2	−7.0	7.0	271.7
862	B00R_037_025de	0.125	0.125	0.375	0.375	0.25	0.25	270	0.124	0.277	0.375	26.7	0.4	−14.1	14.1	271.7
863	B00R_037_037de	0.0	0.0	0.375	0.375	0.375	0.187	270	0.0	0.228	0.375	22.2	0.6	−21.2	21.2	271.7
864	Y00G_100_075de	1.0	1.0	0.25	1.0	0.75	0.625	90	1.0	0.892	0.25	86.6	−2.5	63.3	63.4	92.3
865	Y00G_087_062de	0.875	0.875	0.25	0.875	0.625	0.562	90	0.875	0.785	0.25	76.1	−2.1	52.8	52.8	92.3
866	Y00G_075_050de	0.75	0.75	0.25	0.75	0.5	0.5	90	0.75	0.678	0.25	65.7	−1.7	42.2	42.2	92.3
867	Y00G_062_037de	0.625	0.625	0.25	0.625	0.375	0.437	90	0.625	0.571	0.25	55.2	−1.2	31.6	31.7	92.3
868	Y00G_050_025de	0.5	0.5	0.25	0.5	0.25	0.375	90	0.5	0.464	0.249	44.7	−0.8	21.1	21.1	92.3
869	Y00G_037_012de	0.375	0.375	0.25	0.375	0.125	0.312	90	0.375	0.357	0.249	34.3	−0.4	10.5	10.5	92.3
870	NW_025de	0.25	0.25	0.25	0.25	0.0	0.25	360	0.25	0.25	0.25	23.8	0.0	0.0	0.0	0.0
871	B00R_025_012de	0.125	0.125	0.25	0.25	0.125	0.187	270	0.124	0.201	0.25	19.3	0.2	−7.0	7.0	271.7
872	B00R_025_025de	0.0	0.0	0.25	0.25	0.25	0.125	270	0.0	0.152	0.25	14.8	0.4	−14.1	14.1	271.7
873	Y00G_100_087de	1.0	1.0	0.125	1.0	0.875	0.562	90	1.0	0.874	0.125	85.1	−2.9	73.9	74.0	92.3
874	Y00G_087_075de	0.875	0.875	0.125	0.875	0.75	0.5	90	0.875	0.767	0.125	74.7	−2.5	63.3	63.4	92.3
875	Y00G_075_062de	0.75	0.75	0.125	0.75	0.625	0.437	90	0.75	0.66	0.125	64.2	−2.1	52.8	52.8	92.3
876	Y00G_062_050de	0.625	0.625	0.125	0.625	0.5	0.375	90	0.625	0.553	0.125	53.7	−1.7	42.2	42.2	92.3
877	Y00G_050_037de	0.5	0.5	0.125	0.5	0.375	0.312	90	0.5	0.446	0.124	43.3	−1.2	31.6	31.7	92.3
878	Y00G_037_025de	0.375	0.375	0.125	0.375	0.25	0.25	90	0.375	0.339	0.124	32.8	−0.8	21.1	21.1	92.3
879	Y00G_025_012de	0.25	0.25	0.125	0.25	0.125	0.187	90	0.25	0.232	0.124	22.3	−0.4	10.5	10.5	92.3
880	NW_012de	0.125	0.125	0.125	0.125	0.0	0.125	360	0.125	0.125	0.125	11.9	0.0	0.0	0.0	0.0
881	B00R_012_012de	0.0	0.0	0.125	0.125	0.125	0.062	270	0.0	0.076	0.125	7.4	0.2	−7.0	7.0	271.7
882	Y00G_100_100de	1.0	1.0	0.0	1.0	1.0	0.5	90	1.0	0.856	0.0	83.7	−3.4	84.5	84.5	92.3
883	Y00G_087_087de	0.875	0.875	0.0	0.875	0.875	0.437	90	0.875	0.749	0.0	73.2	−2.9	73.9	74.0	92.3
884	Y00G_075_075de	0.75	0.75	0.0	0.75	0.75	0.375	90	0.75	0.642	0.0	62.7	−2.5	63.3	63.4	92.3
885	Y00G_062_062de	0.625	0.625	0.0	0.625	0.625	0.312	90	0.625	0.535	0.0	52.3	−2.1	52.8	52.8	92.3
886	Y00G_050_050de	0.5	0.5	0.0	0.5	0.5	0.25	90	0.5	0.428	0.0	41.8	−1.7	42.2	42.2	92.3
887	Y00G_037_037de	0.375	0.375	0.0	0.375	0.375	0.187	90	0.375	0.321	0.0	31.3	−1.2	31.6	31.7	92.3
888	Y00G_025_025de	0.25	0.25	0.0	0.25	0.25	0.125	90	0.25	0.214	0.0	20.9	−0.8	21.1	21.1	92.3
889	Y00G_012_012de	0.125	0.125	0.0	0.125	0.125	0.062	90	0.125	0.107	0.0	10.4	−0.4	10.5	10.5	92.3
890	NW_000de	0.0	0.0	0.0	0.0	0.0	0.0	360	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

n	rgb'*$_{Fde}$			LabCh'*$_{Fde}$					DE'*$_{Fde}$	$h_{siM,de}$	rgb*$_{Mde}$			LabCh*$_{Mde}$				
810	1.0	1.0	1.0	95.4	0.0	0.0	0.0	325.2	0.0	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
811	0.918	0.947	1.0	90.7	0.0	−6.9	6.9	270.0	0.2	232	0.0	0.609	1.0	59.2	1.7	−56.6	56.6	271.7
812	0.837	0.897	1.0	86.2	0.1	−13.8	13.8	270.5	0.4	232	0.0	0.609	1.0	59.2	1.7	−56.6	56.6	271.7
813	0.752	0.846	1.0	81.7	0.3	−20.8	20.8	270.9	0.5	232	0.0	0.609	1.0	59.2	1.7	−56.6	56.6	271.7
814	0.66	0.797	1.0	77.1	0.3	−27.9	27.9	270.8	0.6	232	0.0	0.609	1.0	59.2	1.7	−56.6	56.6	271.7
815	0.564	0.748	1.0	72.6	0.7	−34.9	34.9	271.2	0.5	232	0.0	0.609	1.0	59.2	1.7	−56.6	56.6	271.7
816	0.45	0.701	1.0	68.1	0.9	−42.1	42.1	271.2	0.5	232	0.0	0.609	1.0	59.2	1.7	−56.6	56.6	271.7
817	0.304	0.654	1.0	63.5	1.1	−49.3	49.4	271.3	0.4	232	0.0	0.609	1.0	59.2	1.7	−56.6	56.6	271.7
818	0.0	0.609	1.0	59.2	2.0	−56.3	56.3	272.1	0.4	232	0.0	0.609	1.0	59.2	1.7	−56.6	56.6	271.7
819	1.0	0.98	0.898	93.6	−1.7	10.1	10.3	99.7	1.4	82	1.0	0.856	0.0	83.7	−3.4	84.5	84.5	92.3
820	0.858	0.86	0.86	83.3	0.0	0.0	0.1	212.6	0.1	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
821	0.78	0.809	0.862	78.8	0.1	−7.2	7.2	270.8	0.2	232	0.0	0.609	1.0	59.2	1.7	−56.6	56.6	271.7
822	0.701	0.76	0.864	74.3	0.3	−14.3	14.3	271.2	0.2	232	0.0	0.609	1.0	59.2	1.7	−56.6	56.6	271.7
823	0.616	0.711	0.864	69.7	0.5	−21.3	21.3	271.3	0.2	232	0.0	0.609	1.0	59.2	1.7	−56.6	56.6	271.7
824	0.527	0.664	0.864	65.2	0.8	−28.4	28.4	271.6	0.2	232	0.0	0.609	1.0	59.2	1.7	−56.6	56.6	271.7
825	0.424	0.617	0.864	60.7	1.0	−35.5	35.5	271.6	0.2	232	0.0	0.609	1.0	59.2	1.7	−56.6	56.6	271.7
826	0.294	0.573	0.863	56.2	0.9	−42.5	42.5	271.2	0.4	232	0.0	0.609	1.0	59.2	1.7	−56.6	56.6	271.7
827	0.033	0.53	0.862	51.8	0.9	−49.4	49.4	271.1	0.5	232	0.0	0.609	1.0	59.2	1.7	−56.6	56.6	271.7
828	1.0	0.961	0.797	91.9	−3.1	20.4	20.7	98.7	2.4	82	1.0	0.856	0.0	83.7	−3.4	84.5	84.5	92.3
829	0.873	0.841	0.761	81.9	−0.5	10.5	10.5	92.8	0.1	82	1.0	0.856	0.0	83.7	−3.4	84.5	84.5	92.3
830	0.721	0.724	0.724	71.3	−0.1	0.0	0.2	207.8	0.2	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
831	0.646	0.675	0.726	66.8	0.0	−7.2	7.2	270.5	0.2	232	0.0	0.609	1.0	59.2	1.7	−56.6	56.6	271.7
832	0.57	0.628	0.728	62.3	0.4	−14.3	14.3	271.6	0.2	232	0.0	0.609	1.0	59.2	1.7	−56.6	56.6	271.7
833	0.487	0.582	0.728	57.9	0.4	−21.2	21.2	271.3	0.1	232	0.0	0.609	1.0	59.2	1.7	−56.6	56.6	271.7
834	0.394	0.538	0.728	53.4	0.4	−28.1	28.1	270.8	0.4	232	0.0	0.609	1.0	59.2	1.7	−56.6	56.6	271.7
835	0.282	0.494	0.727	48.9	0.4	−35.1	35.1	270.7	0.6	232	0.0	0.609	1.0	59.2	1.7	−56.6	56.6	271.7
836	0.08	0.451	0.726	44.4	0.3	−42.3	42.3	270.5	0.9	232	0.0	0.609	1.0	59.2	1.7	−56.6	56.6	271.7
837	1.0	0.943	0.696	90.4	−4.1	30.9	31.2	97.6	3.0	82	1.0	0.856	0.0	83.7	−3.4	84.5	84.5	92.3
838	0.881	0.823	0.663	80.4	−1.0	21.2	21.2	92.8	0.2	82	1.0	0.856	0.0	83.7	−3.4	84.5	84.5	92.3
839	0.736	0.706	0.629	69.9	−0.5	10.5	10.5	93.0	0.2	82	1.0	0.856	0.0	83.7	−3.4	84.5	84.5	92.3
840	0.59	0.593	0.594	59.4	−0.2	−0.1	0.3	206.3	0.3	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
841	0.52	0.548	0.595	55.0	0.0	−7.0	7.0	269.2	0.3	232	0.0	0.609	1.0	59.2	1.7	−56.6	56.6	271.7
842	0.445	0.504	0.597	50.6	0.0	−14.0	14.0	270.1	0.4	232	0.0	0.609	1.0	59.2	1.7	−56.6	56.6	271.7
843	0.359	0.459	0.597	46.0	0.0	−21.0	21.0	270.0	0.6	232	0.0	0.609	1.0	59.2	1.7	−56.6	56.6	271.7
844	0.261	0.416	0.597	41.5	0.2	−28.1	28.1	270.4	0.6	232	0.0	0.609	1.0	59.2	1.7	−56.6	56.6	271.7
845	0.123	0.374	0.596	37.0	0.7	−35.2	35.2	271.1	0.4	232	0.0	0.609	1.0	59.2	1.7	−56.6	56.6	271.7
846	1.0	0.925	0.594	88.9	−4.7	41.4	41.7	96.5	3.2	82	1.0	0.856	0.0	83.7	−3.4	84.5	84.5	92.3
847	0.885	0.804	0.566	78.9	−1.4	31.5	31.6	92.5	0.2	82	1.0	0.856	0.0	83.7	−3.4	84.5	84.5	92.3
848	0.744	0.688	0.536	68.4	−0.8	20.8	20.8	92.4	0.3	82	1.0	0.856	0.0	83.7	−3.4	84.5	84.5	92.3
849	0.604	0.577	0.505	58.0	−0.5	10.1	10.2	93.3	0.4	82	1.0	0.856	0.0	83.7	−3.4	84.5	84.5	92.3
850	0.466	0.47	0.471	47.7	−0.3	−0.1	0.4	205.6	0.4	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
851	0.396	0.426	0.472	43.2	−0.2	−7.2	7.2	268.3	0.4	232	0.0	0.609	1.0	59.2	1.7	−56.6	56.6	271.7
852	0.32	0.382	0.473	38.6	0.0	−14.4	14.4	269.8	0.5	232	0.0	0.609	1.0	59.2	1.7	−56.6	56.6	271.7
853	0.232	0.34	0.473	34.1	0.0	−21.5	21.5	270.2	0.6	232	0.0	0.609	1.0	59.2	1.7	−56.6	56.6	271.7
854	0.112	0.3	0.473	29.6	0.1	−28.5	28.5	270.3	0.7	232	0.0	0.609	1.0	59.2	1.7	−56.6	56.6	271.7
855	1.0	0.907	0.492	87.4	−4.9	51.7	52.0	95.4	3.0	82	1.0	0.856	0.0	83.7	−3.4	84.5	84.5	92.3
856	0.885	0.787	0.467	77.5	−1.7	42.0	42.0	92.3	0.2	82	1.0	0.856	0.0	83.7	−3.4	84.5	84.5	92.3
857	0.746	0.671	0.441	67.0	−1.3	31.4	31.4	92.5	0.2	82	1.0	0.856	0.0	83.7	−3.4	84.5	84.5	92.3
858	0.61	0.56	0.413	56.6	−1.1	20.8	20.9	93.1	0.4	82	1.0	0.856	0.0	83.7	−3.4	84.5	84.5	92.3
859	0.479	0.454	0.383	46.2	−0.6	10.4	10.5	93.7	0.2	82	1.0	0.856	0.0	83.7	−3.4	84.5	84.5	92.3
860	0.345	0.35	0.35	35.7	−0.4	−0.2	0.5	205.6	0.5	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
861	0.276	0.308	0.352	31.1	−0.4	−7.3	7.3	266.8	0.6	232	0.0	0.609	1.0	59.2	1.7	−56.6	56.6	271.7
862	0.199	0.267	0.353	26.6	−0.3	−14.5	14.5	268.5	0.9	232	0.0	0.609	1.0	59.2	1.7	−56.6	56.6	271.7
863	0.102	0.227	0.352	22.0	0.0	−21.6	21.6	269.8	0.8	232	0.0	0.609	1.0	59.2	1.7	−56.6	56.6	271.7
864	1.0	0.875	0.375	85.1	−3.0	62.1	62.2	92.7	1.9	82	1.0	0.856	0.0	83.7	−3.4	84.5	84.5	92.3
865	0.881	0.77	0.362	76.0	−2.1	52.6	52.7	92.3	0.1	82	1.0	0.856	0.0	83.7	−3.4	84.5	84.5	92.3
866	0.745	0.655	0.341	65.6	−1.7	42.1	42.2	92.3	0.1	82	1.0	0.856	0.0	83.7	−3.4	84.5	84.5	92.3
867	0.61	0.545	0.318	55.2	−1.7	31.7	31.8	93.1	0.4	82	1.0	0.856	0.0	83.7	−3.4	84.5	84.5	92.3
868	0.483	0.437	0.294	44.8	−1.1	21.2	21.2	93.2	0.3	82	1.0	0.856	0.0	83.7	−3.4	84.5	84.5	92.3
869	0.356	0.334	0.267	34.2	−0.8	10.4	10.4	94.5	0.4	82	1.0	0.856	0.0	83.7	−3.4	84.5	84.5	92.3
870	0.232	0.236	0.237	23.7	−0.4	−0.2	0.4	207.2	0.4	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
871	0.162	0.197	0.238	19.0	−0.7	−7.5	7.5	264.4	1.0	232	0.0	0.609	1.0	59.2	1.7	−56.6	56.6	271.7
872	0.079	0.16	0.238	14.5	−0.9	−14.6	14.6	266.1	1.5	232	0.0	0.609	1.0	59.2	1.7	−56.6	56.6	271.7
873	1.0	0.873	0.25	84.8	−4.3	73.4	73.5	93.3	1.4	82	1.0	0.856	0.0	83.7	−3.4	84.5	84.5	92.3
874	0.874	0.754	0.243	74.6	−2.5	63.3	63.3	92.2	0.1	82	1.0	0.856	0.0	83.7	−3.4	84.5	84.5	92.3
875	0.738	0.638	0.232	64.0	−2.1	52.8	52.8	92.3	0.1	82	1.0	0.856	0.0	83.7	−3.4	84.5	84.5	92.3
876	0.607	0.53	0.218	53.8	−2.1	42.5	42.6	92.8	0.5	82	1.0	0.856	0.0	83.7	−3.4	84.5	84.5	92.3
877	0.482	0.422	0.199	43.3	−1.6	32.2	32.2	92.9	0.6	82	1.0	0.856	0.0	83.7	−3.4	84.5	84.5	92.3
878	0.357	0.319	0.18	32.7	−1.4	21.3	21.3	93.7	0.6	82	1.0	0.856	0.0	83.7	−3.4	84.5	84.5	92.3
879	0.24	0.221	0.158	22.2	−1.0	10.4	10.5	95.4	0.6	82	1.0	0.856	0.0	83.7	−3.4	84.5	84.5	92.3
880	0.129	0.132	0.132	11.9	−0.2	0.0	0.2	198.6	0.2	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
881	0.055	0.084	0.134	6.1	0.8	−9.2	9.2	274.9	2.5	232	0.0	0.609	1.0	59.2	1.7	−56.6	56.6	271.7
882	1.0	0.856	0.0	83.6	−3.4	84.2	84.3	92.3	0.2	82	1.0	0.856	0.0	83.7	−3.4	84.5	84.5	92.3
883	0.862	0.737	0.042	73.1	−2.9	74.2	74.3	92.2	0.3	82	1.0	0.856	0.0	83.7	−3.4	84.5	84.5	92.3
884	0.728	0.622	0.072	62.6	−2.5	63.9	63.9	92.2	0.5	82	1.0	0.856	0.0	83.7	−3.4	84.5	84.5	92.3
885	0.598	0.514	0.085	52.3	−2.5	53.5	53.5	92.7	0.8	82	1.0	0.856	0.0	83.7	−3.4	84.5	84.5	92.3
886	0.476	0.408	0.088	41.9	−1.9	43.0	43.1	92.5	0.8	82	1.0	0.856	0.0	83.7	−3.4	84.5	84.5	92.3
887	0.354	0.305	0.081	31.3	−1.7	32.6	32.6	93.0	1.0	82	1.0	0.856	0.0	83.7	−3.4	84.5	84.5	92.3
888	0.24	0.207	0.065	20.7	−1.5	22.6	22.6	93.8	1.6	82	1.0	0.856	0.0	83.7	−3.4	84.5	84.5	92.3
889	0.139	0.115	0.038	10.1	−0.3	11.5	11.5	91.7	1.0	82	1.0	0.856	0.0	83.7	−3.4	84.5	84.5	92.3
890	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0

delta E'^* = 0.6

5−1132934−F0 RN890−7N, 30/33−F

TUB-prøveplansje RN89; 16-trinns fargetonesirkel, cf=1
farger og fargeavstander, $\Delta E'^*$

input: $rgb/cmyk \rightarrow rgb_{de}$
output: 3D-linearisering til rgb^*_{de}

se lignende filer: http://130.149.60.45/~farbmetrik/RN89/RN89.HTM
teknisk informasjon: http://www.ps.bam.de eller http://130.149.60.45/~farbmetrik

http://130.149.60.45/~farbmetrik/RN89/RN89L0FP.PDF /.PS; 3D-linearisering
F: 3D-linearisering RN89/RN89LJ30FP.DAT i fil (F), side 31/33

TUB registrering: 20150701-RN89/RN89L0FP.PDF /.PS TUB-material: code=rha4ta
anvendelse for måling av display output, ingen separasjon rgb* (RGB)

n	HIC^*_{Fde}	$rgb_{\_Fde}$			$ict_{\_Fde}$			$h_{si\_F,de}$	rgb^*_{Fde}			$LabCh^*_{Fde}$				
891	NW_100de	1.0	1.0	1.0	1.0	0.0	1.0	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
892	B50R_100_012de	1.0	0.875	1.0	1.0	0.125	0.937	330	1.0	0.875	0.998	90.6	11.7	−7.1	13.7	328.6
893	B50R_100_025de	1.0	0.75	1.0	1.0	0.25	0.875	330	1.0	0.75	0.997	85.8	23.5	−14.3	27.5	328.6
894	B50R_100_037de	1.0	0.625	1.0	1.0	0.375	0.812	330	1.0	0.625	0.996	81.0	35.3	−21.5	41.3	328.6
895	B50R_100_050de	1.0	0.5	1.0	1.0	0.5	0.75	330	1.0	0.5	0.995	76.3	47.0	−28.7	55.1	328.6
896	B50R_100_062de	1.0	0.375	1.0	1.0	0.625	0.687	330	1.0	0.375	0.994	71.5	58.8	−35.9	68.9	328.6
897	B50R_100_075de	1.0	0.25	1.0	1.0	0.75	0.625	330	1.0	0.25	0.993	66.7	70.6	−43.0	82.7	328.6
898	B50R_100_087de	1.0	0.125	1.0	1.0	0.875	0.562	330	1.0	0.125	0.992	61.9	82.3	−50.2	96.5	328.6
899	B50R_100_100de	1.0	0.0	1.0	1.0	1.0	0.5	330	1.0	0.0	0.991	57.1	94.1	−57.4	110.3	328.6
900	G00B_100_012de	0.875	1.0	0.875	1.0	0.125	0.937	150	0.875	1.0	0.963	94.1	−8.0	2.5	8.4	162.2
901	NW_087de	0.875	0.875	0.875	0.875	0.0	0.875	360	0.875	0.875	0.875	83.4	0.0	0.0	0.0	0.0
902	B50R_087_012de	0.875	0.75	0.875	0.875	0.125	0.812	330	0.875	0.75	0.873	78.7	11.7	−7.1	13.7	328.6
903	B50R_087_025de	0.875	0.625	0.875	0.875	0.25	0.75	330	0.875	0.625	0.872	73.9	23.5	−14.3	27.5	328.6
904	B50R_087_037de	0.875	0.5	0.875	0.875	0.375	0.687	330	0.875	0.5	0.871	69.1	35.3	−21.5	41.3	328.6
905	B50R_087_050de	0.875	0.375	0.875	0.875	0.5	0.625	330	0.875	0.375	0.87	64.3	47.0	−28.7	55.1	328.6
906	B50R_087_062de	0.875	0.25	0.875	0.875	0.625	0.562	330	0.875	0.25	0.869	59.5	58.8	−35.9	68.9	328.6
907	B50R_087_075de	0.875	0.125	0.875	0.875	0.75	0.5	330	0.875	0.125	0.868	54.8	70.6	−43.0	82.7	328.6
908	B50R_087_087de	0.875	0.0	0.875	0.875	0.875	0.437	330	0.875	0.0	0.867	50.0	82.3	−50.2	96.5	328.6
909	G00B_100_025de	0.75	1.0	0.75	1.0	0.25	0.875	150	0.75	1.0	0.926	92.8	−16.1	5.1	16.9	162.2
910	G00B_087_012de	0.75	0.875	0.75	0.875	0.125	0.812	150	0.75	0.875	0.838	82.2	−8.0	2.5	8.4	162.2
911	NW_075de	0.75	0.75	0.75	0.75	0.0	0.75	360	0.75	0.75	0.75	71.5	0.0	0.0	0.0	0.0
912	B50R_075_012de	0.75	0.625	0.75	0.75	0.125	0.687	330	0.75	0.625	0.748	66.7	11.7	−7.1	13.7	328.6
913	B50R_075_025de	0.75	0.5	0.75	0.75	0.25	0.625	330	0.75	0.5	0.747	62.0	23.5	−14.3	27.5	328.6
914	B50R_075_037de	0.75	0.375	0.75	0.75	0.375	0.562	330	0.75	0.375	0.746	57.2	35.3	−21.5	41.3	328.6
915	B50R_075_050de	0.75	0.25	0.75	0.75	0.5	0.5	330	0.75	0.25	0.745	52.4	47.0	−28.7	55.1	328.6
916	B50R_075_062de	0.75	0.125	0.75	0.75	0.625	0.437	330	0.75	0.125	0.744	47.6	58.8	−35.9	68.9	328.6
917	B50R_075_075de	0.75	0.0	0.75	0.75	0.75	0.375	330	0.75	0.0	0.743	42.8	70.6	−43.0	82.7	328.6
918	G00B_100_037de	0.625	1.0	0.625	1.0	0.375	0.812	150	0.625	1.0	0.889	91.5	−24.2	7.7	25.4	162.2
919	G00B_087_025de	0.625	0.875	0.625	0.875	0.25	0.75	150	0.625	0.875	0.801	80.9	−16.1	5.1	16.9	162.2
920	G00B_075_012de	0.625	0.75	0.625	0.75	0.125	0.687	150	0.625	0.75	0.713	70.2	−8.0	2.5	8.4	162.2
921	NW_062de	0.625	0.625	0.625	0.625	0.0	0.625	360	0.625	0.625	0.625	59.6	0.0	0.0	0.0	0.0
922	B50R_062_012de	0.625	0.5	0.625	0.625	0.125	0.562	330	0.625	0.5	0.623	54.8	11.7	−7.1	13.7	328.6
923	B50R_062_025de	0.625	0.375	0.625	0.625	0.25	0.5	330	0.625	0.375	0.622	50.0	23.5	−14.3	27.5	328.6
924	B50R_062_037de	0.625	0.25	0.625	0.625	0.375	0.437	330	0.625	0.25	0.621	45.2	35.3	−21.5	41.3	328.6
925	B50R_062_050de	0.625	0.125	0.625	0.625	0.5	0.375	330	0.625	0.125	0.62	40.5	47.0	−28.7	55.1	328.6
926	B50R_062_062de	0.625	0.0	0.625	0.625	0.625	0.312	330	0.625	0.0	0.619	35.7	58.8	−35.9	68.9	328.6
927	G00B_100_050de	0.5	1.0	0.5	1.0	0.5	0.75	150	0.5	1.0	0.853	90.2	−32.3	10.3	33.9	162.2
928	G00B_087_037de	0.5	0.875	0.5	0.875	0.375	0.687	150	0.5	0.875	0.764	79.6	−24.2	7.7	25.4	162.2
929	G00B_075_025de	0.5	0.75	0.5	0.75	0.25	0.625	150	0.5	0.75	0.676	68.9	−16.1	5.1	16.9	162.2
930	G00B_062_012de	0.5	0.625	0.5	0.625	0.125	0.562	150	0.5	0.625	0.588	58.3	−8.0	2.5	8.4	162.2
931	NW_050de	0.5	0.5	0.5	0.5	0.0	0.5	360	0.5	0.5	0.5	47.7	0.0	0.0	0.0	0.0
932	B50R_050_012de	0.5	0.375	0.5	0.5	0.125	0.437	330	0.5	0.375	0.498	42.9	11.7	−7.1	13.7	328.6
933	B50R_050_025de	0.5	0.25	0.5	0.5	0.25	0.375	330	0.5	0.249	0.497	38.1	23.5	−14.3	27.5	328.6
934	B50R_050_037de	0.5	0.125	0.5	0.5	0.375	0.312	330	0.5	0.124	0.496	33.3	35.3	−21.5	41.3	328.6
935	B50R_050_050de	0.5	0.0	0.5	0.5	0.5	0.25	330	0.5	0.0	0.495	28.5	47.0	−28.7	55.1	328.6
936	G00B_100_062de	0.375	1.0	0.375	1.0	0.625	0.687	150	0.375	1.0	0.816	88.9	−40.4	12.9	42.4	162.2
937	G00B_087_050de	0.375	0.875	0.375	0.875	0.5	0.625	150	0.375	0.875	0.728	78.3	−32.3	10.3	33.9	162.2
938	G00B_075_037de	0.375	0.75	0.375	0.75	0.375	0.562	150	0.375	0.75	0.639	67.7	−24.2	7.7	25.4	162.2
939	G00B_062_025de	0.375	0.625	0.375	0.625	0.25	0.5	150	0.375	0.625	0.551	57.0	−16.1	5.1	16.9	162.2
940	G00B_050_012de	0.375	0.5	0.375	0.5	0.125	0.437	150	0.375	0.5	0.463	46.4	−8.0	2.5	8.4	162.2
941	NW_037de	0.375	0.375	0.375	0.375	0.0	0.375	360	0.375	0.375	0.375	35.7	0.0	0.0	0.0	0.0
942	B50R_037_012de	0.375	0.25	0.375	0.375	0.125	0.312	330	0.375	0.249	0.373	31.0	11.7	−7.1	13.7	328.6
943	B50R_037_025de	0.375	0.125	0.375	0.375	0.25	0.25	330	0.375	0.124	0.372	26.2	23.5	−14.3	27.5	328.6
944	B50R_037_037de	0.375	0.0	0.375	0.375	0.375	0.187	330	0.375	0.0	0.371	21.4	35.3	−21.5	41.3	328.6
945	G00B_100_075de	0.25	1.0	0.25	1.0	0.75	0.625	150	0.25	1.0	0.779	87.7	−48.5	15.5	50.9	162.2
946	G00B_087_062de	0.25	0.875	0.25	0.875	0.625	0.562	150	0.25	0.875	0.691	77.0	−40.4	12.9	42.4	162.2
947	G00B_075_050de	0.25	0.75	0.25	0.75	0.5	0.5	150	0.25	0.75	0.603	66.4	−32.3	10.3	33.9	162.2
948	G00B_062_037de	0.25	0.625	0.25	0.625	0.375	0.437	150	0.25	0.625	0.514	55.7	−24.2	7.7	25.4	162.2
949	G00B_050_025de	0.25	0.5	0.25	0.5	0.25	0.375	150	0.249	0.5	0.426	45.1	−16.1	5.1	16.9	162.2
950	G00B_037_012de	0.25	0.375	0.25	0.375	0.125	0.312	150	0.249	0.375	0.338	34.4	−8.0	2.5	8.4	162.2
951	NW_025de	0.25	0.25	0.25	0.25	0.0	0.25	360	0.25	0.25	0.25	23.8	0.0	0.0	0.0	0.0
952	B50R_025_012de	0.25	0.125	0.25	0.25	0.125	0.187	330	0.25	0.124	0.248	19.0	11.7	−7.1	13.7	328.6
953	B50R_025_025de	0.25	0.0	0.25	0.25	0.25	0.125	330	0.25	0.0	0.247	14.2	23.5	−14.3	27.5	328.6
954	G00B_100_087de	0.125	1.0	0.125	1.0	0.875	0.562	150	0.125	1.0	0.742	86.4	−56.5	18.1	59.4	162.2
955	G00B_087_075de	0.125	0.875	0.125	0.875	0.75	0.5	150	0.125	0.875	0.654	75.7	−48.5	15.5	50.9	162.2
956	G00B_075_062de	0.125	0.75	0.125	0.75	0.625	0.437	150	0.125	0.75	0.566	65.1	−40.4	12.9	42.4	162.2
957	G00B_062_050de	0.125	0.625	0.125	0.625	0.5	0.375	150	0.125	0.625	0.478	54.5	−32.3	10.3	33.9	162.2
958	G00B_050_037de	0.125	0.5	0.125	0.5	0.375	0.312	150	0.124	0.5	0.389	43.8	−24.2	7.7	25.4	162.2
959	G00B_037_025de	0.125	0.375	0.125	0.375	0.25	0.25	150	0.124	0.375	0.301	33.2	−16.1	5.1	16.9	162.2
960	G00B_025_012de	0.125	0.25	0.125	0.25	0.125	0.187	150	0.124	0.25	0.213	22.5	−8.0	2.5	8.4	162.2
961	NW_012de	0.125	0.125	0.125	0.125	0.0	0.125	360	0.125	0.125	0.125	11.9	0.0	0.0	0.0	0.0
962	B50R_012_012de	0.125	0.0	0.125	0.125	0.125	0.062	330	0.125	0.0	0.123	7.1	11.7	−7.1	13.7	328.6
963	G00B_100_100de	0.0	1.0	0.0	1.0	1.0	0.5	150	0.0	1.0	0.706	85.1	−64.6	20.7	67.9	162.2
964	G00B_087_087de	0.0	0.875	0.0	0.875	0.875	0.437	150	0.0	0.875	0.617	74.5	−56.5	18.1	59.4	162.2
965	G00B_075_075de	0.0	0.75	0.0	0.75	0.75	0.375	150	0.0	0.75	0.529	63.8	−48.5	15.5	50.9	162.2
966	G00B_062_062de	0.0	0.625	0.0	0.625	0.625	0.312	150	0.0	0.625	0.441	53.2	−40.4	12.9	42.4	162.2
967	G00B_050_050de	0.0	0.5	0.0	0.5	0.5	0.25	150	0.0	0.5	0.353	42.5	−32.3	10.3	33.9	162.2
968	G00B_037_037de	0.0	0.375	0.0	0.375	0.375	0.187	150	0.0	0.375	0.264	31.9	−24.2	7.7	25.4	162.2
969	G00B_025_025de	0.0	0.25	0.0	0.25	0.25	0.125	150	0.0	0.25	0.176	21.2	−16.1	5.1	16.9	162.2
970	G00B_012_012de	0.0	0.125	0.0	0.125	0.125	0.062	150	0.0	0.125	0.088	10.6	−8.0	2.5	8.4	162.2
971	NW_000de	0.0	0.0	0.0	0.0	0.0	0.0	360	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

n	rgb'^*_{Fde}			$LabCh'^*_{Fde}$					DE'^*_{Fde}	$h_{siM,de}$	rgb^*_{Mde}			$LabCh^*_{Mde}$				
891	1.0	1.0	1.0	95.4	0.0	0.0	0.0	325.2	0.0	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
892	1.0	0.914	1.0	90.3	10.6	−7.4	13.0	324.9	1.1	330	1.0	0.0	0.991	57.1	94.1	−57.4	110.3	328.6
893	1.0	0.827	1.0	85.2	21.7	−15.0	26.4	325.3	1.9	330	1.0	0.0	0.991	57.1	94.1	−57.4	110.3	328.6
894	1.0	0.739	1.0	80.3	33.1	−22.4	40.0	325.8	2.4	330	1.0	0.0	0.991	57.1	94.1	−57.4	110.3	328.6
895	1.0	0.645	1.0	75.4	45.0	−29.9	54.1	326.3	2.5	330	1.0	0.0	0.991	57.1	94.1	−57.4	110.3	328.6
896	1.0	0.547	0.999	70.6	57.1	−37.2	68.2	326.8	2.3	330	1.0	0.0	0.991	57.1	94.1	−57.4	110.3	328.6
897	1.0	0.436	0.997	65.9	69.4	−44.3	82.4	327.4	1.8	330	1.0	0.0	0.991	57.1	94.1	−57.4	110.3	328.6
898	1.0	0.296	0.994	61.3	82.1	−51.2	96.7	328.0	1.1	330	1.0	0.0	0.991	57.1	94.1	−57.4	110.3	328.6
899	1.0	0.0	0.991	57.1	94.0	−57.4	110.2	328.5	0.0	330	1.0	0.0	0.991	57.1	94.1	−57.4	110.3	328.6
900	0.922	1.0	0.963	93.8	−7.7	2.1	8.0	164.2	0.5	193	0.0	1.0	0.706	85.1	−64.6	20.7	67.9	162.2
901	0.858	0.86	0.86	83.3	0.0	0.0	0.1	212.6	0.1	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
902	0.872	0.777	0.861	78.5	11.7	−7.2	13.8	328.2	0.1	330	1.0	0.0	0.991	57.1	94.1	−57.4	110.3	328.6
903	0.88	0.692	0.861	73.7	23.6	−14.5	27.7	328.3	0.2	330	1.0	0.0	0.991	57.1	94.1	−57.4	110.3	328.6
904	0.884	0.604	0.861	69.0	35.4	−21.6	41.5	328.5	0.2	330	1.0	0.0	0.991	57.1	94.1	−57.4	110.3	328.6
905	0.884	0.515	0.86	64.3	46.8	−28.6	54.9	328.5	0.2	330	1.0	0.0	0.991	57.1	94.1	−57.4	110.3	328.6
906	0.879	0.411	0.859	59.5	58.8	−35.9	68.9	328.5	0.1	330	1.0	0.0	0.991	57.1	94.1	−57.4	110.3	328.6
907	0.872	0.287	0.856	54.6	70.8	−43.3	83.0	328.5	0.3	330	1.0	0.0	0.991	57.1	94.1	−57.4	110.3	328.6
908	0.861	0.068	0.853	49.8	82.7	−50.5	96.9	328.5	0.4	330	1.0	0.0	0.991	57.1	94.1	−57.4	110.3	328.6
909	0.844	1.0	0.926	92.3	−15.5	4.5	16.2	163.7	0.9	193	0.0	1.0	0.706	85.1	−64.6	20.7	67.9	162.2
910	0.784	0.863	0.824	82.1	−8.2	2.5	8.6	162.7	0.2	193	0.0	1.0	0.706	85.1	−64.6	20.7	67.9	162.2
911	0.721	0.724	0.724	71.3	−0.1	0.0	0.2	207.8	0.2	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
912	0.734	0.644	0.725	66.5	11.6	−7.3	13.7	328.0	0.2	330	1.0	0.0	0.991	57.1	94.1	−57.4	110.3	328.6
913	0.741	0.562	0.726	61.8	23.3	−14.4	27.4	328.2	0.2	330	1.0	0.0	0.991	57.1	94.1	−57.4	110.3	328.6
914	0.744	0.478	0.725	57.1	34.9	−21.4	41.0	328.4	0.3	330	1.0	0.0	0.991	57.1	94.1	−57.4	110.3	328.6
915	0.743	0.385	0.724	52.4	46.7	−28.6	54.8	328.4	0.3	330	1.0	0.0	0.991	57.1	94.1	−57.4	110.3	328.6
916	0.736	0.274	0.722	47.4	58.8	−36.0	69.0	328.5	0.2	330	1.0	0.0	0.991	57.1	94.1	−57.4	110.3	328.6
917	0.727	0.108	0.719	42.6	70.7	−43.3	82.9	328.5	0.3	330	1.0	0.0	0.991	57.1	94.1	−57.4	110.3	328.6
918	0.764	1.0	0.874	90.9	−24.0	8.8	25.6	159.8	1.2	193	0.0	1.0	0.706	85.1	−64.6	20.7	67.9	162.2
919	0.706	0.865	0.788	80.7	−16.4	5.0	17.1	162.8	0.3	193	0.0	1.0	0.706	85.1	−64.6	20.7	67.9	162.2
920	0.65	0.728	0.689	70.1	−8.3	2.5	8.7	162.8	0.3	193	0.0	1.0	0.706	85.1	−64.6	20.7	67.9	162.2
921	0.59	0.593	0.594	59.4	−0.2	−0.1	0.3	206.3	0.3	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
922	0.602	0.518	0.595	54.8	11.2	−7.1	13.3	327.7	0.5	330	1.0	0.0	0.991	57.1	94.1	−57.4	110.3	328.6
923	0.608	0.438	0.595	49.9	23.1	−14.4	27.2	328.0	0.4	330	1.0	0.0	0.991	57.1	94.1	−57.4	110.3	328.6
924	0.609	0.351	0.595	45.1	35.1	−21.7	41.2	328.2	0.2	330	1.0	0.0	0.991	57.1	94.1	−57.4	110.3	328.6
925	0.605	0.256	0.593	40.4	46.8	−28.8	55.0	328.3	0.2	330	1.0	0.0	0.991	57.1	94.1	−57.4	110.3	328.6
926	0.597	0.124	0.591	35.6	58.6	−36.0	68.8	328.4	0.2	330	1.0	0.0	0.991	57.1	94.1	−57.4	110.3	328.6
927	0.673	1.0	0.853	89.6	−31.6	9.5	33.0	163.2	1.2	193	0.0	1.0	0.706	85.1	−64.6	20.7	67.9	162.2
928	0.627	0.867	0.752	79.5	−24.3	7.7	25.6	162.2	0.1	193	0.0	1.0	0.706	85.1	−64.6	20.7	67.9	162.2
929	0.575	0.729	0.655	68.8	−16.3	5.0	17.1	162.7	0.2	193	0.0	1.0	0.706	85.1	−64.6	20.7	67.9	162.2
930	0.523	0.597	0.561	58.2	−8.1	2.4	8.5	163.5	0.2	193	0.0	1.0	0.706	85.1	−64.6	20.7	67.9	162.2
931	0.466	0.47	0.471	47.7	−0.3	−0.1	0.4	205.6	0.4	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
932	0.478	0.396	0.472	42.9	11.5	−7.3	13.7	327.3	0.2	330	1.0	0.0	0.991	57.1	94.1	−57.4	110.3	328.6
933	0.482	0.316	0.472	38.0	23.6	−14.8	27.9	327.9	0.4	330	1.0	0.0	0.991	57.1	94.1	−57.4	110.3	328.6
934	0.481	0.229	0.471	33.2	35.6	−22.0	41.9	328.2	0.6	330	1.0	0.0	0.991	57.1	94.1	−57.4	110.3	328.6
935	0.475	0.121	0.469	28.5	47.2	−29.1	55.4	328.3	0.4	330	1.0	0.0	0.991	57.1	94.1	−57.4	110.3	328.6
936	0.576	1.0	0.816	88.4	−39.8	12.1	41.6	162.9	1.1	193	0.0	1.0	0.706	85.1	−64.6	20.7	67.9	162.2
937	0.539	0.867	0.716	78.2	−32.5	10.4	34.1	162.1	0.2	193	0.0	1.0	0.706	85.1	−64.6	20.7	67.9	162.2
938	0.499	0.731	0.62	67.6	−24.1	7.8	25.4	161.9	0.1	193	0.0	1.0	0.706	85.1	−64.6	20.7	67.9	162.2
939	0.449	0.599	0.529	56.9	−16.2	4.8	16.9	163.4	0.3	193	0.0	1.0	0.706	85.1	−64.6	20.7	67.9	162.2
940	0.399	0.474	0.438	46.4	−8.5	2.4	8.9	163.9	0.5	193	0.0	1.0	0.706	85.1	−64.6	20.7	67.9	162.2
941	0.345	0.35	0.35	35.7	−0.4	−0.2	0.5	205.6	0.5	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
942	0.355	0.279	0.351	30.9	11.5	−7.4	13.7	326.9	0.4	330	1.0	0.0	0.991	57.1	94.1	−57.4	110.3	328.6
943	0.357	0.199	0.351	25.9	23.9	−15.0	28.2	327.7	0.8	330	1.0	0.0	0.991	57.1	94.1	−57.4	110.3	328.6
944	0.355	0.106	0.35	21.1	35.8	−22.2	42.2	328.2	0.9	330	1.0	0.0	0.991	57.1	94.1	−57.4	110.3	328.6
945	0.467	1.0	0.78	87.2	−48.0	14.9	50.2	162.6	0.8	193	0.0	1.0	0.706	85.1	−64.6	20.7	67.9	162.2
946	0.436	0.866	0.681	76.9	−40.7	13.0	42.7	162.2	0.3	193	0.0	1.0	0.706	85.1	−64.6	20.7	67.9	162.2
947	0.404	0.73	0.587	66.3	−32.5	10.3	34.1	162.4	0.2	193	0.0	1.0	0.706	85.1	−64.6	20.7	67.9	162.2
948	0.37	0.599	0.497	55.7	−24.1	7.4	25.3	162.8	0.3	193	0.0	1.0	0.706	85.1	−64.6	20.7	67.9	162.2
949	0.325	0.475	0.407	45.1	−16.8	5.0	17.5	163.4	0.6	193	0.0	1.0	0.706	85.1	−64.6	20.7	67.9	162.2
950	0.279	0.353	0.32	34.4	−8.7	2.4	9.1	164.6	0.7	193	0.0	1.0	0.706	85.1	−64.6	20.7	67.9	162.2
951	0.232	0.236	0.237	23.7	−0.4	−0.2	0.4	207.2	0.4	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
952	0.239	0.168	0.237	18.8	11.6	−7.6	13.8	326.6	0.5	330	1.0	0.0	0.991	57.1	94.1	−57.4	110.3	328.6
953	0.241	0.086	0.237	13.7	24.5	−15.3	28.9	327.9	1.4	330	1.0	0.0	0.991	57.1	94.1	−57.4	110.3	328.6
954	0.32	1.0	0.744	86.1	−56.4	17.8	59.1	162.4	0.4	193	0.0	1.0	0.706	85.1	−64.6	20.7	67.9	162.2
955	0.307	0.864	0.646	75.7	−48.8	15.6	51.3	162.2	0.3	193	0.0	1.0	0.706	85.1	−64.6	20.7	67.9	162.2
956	0.291	0.729	0.554	65.0	−40.7	12.7	42.6	162.5	0.3	193	0.0	1.0	0.706	85.1	−64.6	20.7	67.9	162.2
957	0.269	0.598	0.463	54.4	−32.6	10.0	34.1	162.8	0.4	193	0.0	1.0	0.706	85.1	−64.6	20.7	67.9	162.2
958	0.245	0.475	0.375	44.0	−24.6	7.8	25.8	162.3	0.4	193	0.0	1.0	0.706	85.1	−64.6	20.7	67.9	162.2
959	0.203	0.354	0.289	33.1	−17.2	5.0	17.9	163.7	1.1	193	0.0	1.0	0.706	85.1	−64.6	20.7	67.9	162.2
960	0.165	0.239	0.208	22.4	−9.1	2.3	9.4	165.6	1.0	193	0.0	1.0	0.706	85.1	−64.6	20.7	67.9	162.2
961	0.129	0.132	0.132	11.9	−0.2	0.0	0.2	198.6	0.2	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
962	0.137	0.052	0.133	6.1	14.1	−8.8	16.6	328.0	3.0	330	1.0	0.0	0.991	57.1	94.1	−57.4	110.3	328.6
963	0.0	1.0	0.707	85.1	−64.3	20.9	67.6	162.0	0.3	193	0.0	1.0	0.706	85.1	−64.6	20.7	67.9	162.2
964	0.052	0.861	0.611	74.4	−56.8	18.2	59.7	162.2	0.3	193	0.0	1.0	0.706	85.1	−64.6	20.7	67.9	162.2
965	0.107	0.726	0.521	63.7	−48.6	15.2	50.9	162.5	0.3	193	0.0	1.0	0.706	85.1	−64.6	20.7	67.9	162.2
966	0.125	0.596	0.43	53.1	−40.6	12.7	42.5	162.5	0.2	193	0.0	1.0	0.706	85.1	−64.6	20.7	67.9	162.2
967	0.126	0.473	0.343	42.7	−32.9	10.5	34.5	162.2	0.6	193	0.0	1.0	0.706	85.1	−64.6	20.7	67.9	162.2
968	0.115	0.353	0.259	32.0	−24.9	7.8	26.1	162.5	0.6	193	0.0	1.0	0.706	85.1	−64.6	20.7	67.9	162.2
969	0.083	0.239	0.18	21.1	−17.7	5.0	18.4	164.0	1.5	193	0.0	1.0	0.706	85.1	−64.6	20.7	67.9	162.2
970	0.058	0.134	0.099	10.3	−10.2	3.4	10.7	161.2	2.3	193	0.0	1.0	0.706	85.1	−64.6	20.7	67.9	162.2
971	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
								delta E'^* =	0.6									

5−1133034−F0 RN890−7N, 31/33−F

TUB-prøveplansje RN89; 16-trinns fargetonesirkel, cf=1
farger og fargeavstander, $\Delta E'^*$

input: $rgb/cmyk$ −> rgb_{de}
output: 3D-linearisering til rgb^*_{de}

se lignende filer: http://130.149.60.45/~farbmetrik/RN89/RN89.HTM
teknisk informasjon: http://www.ps.bam.de eller http://130.149.60.45/~farbmetrik

http://130.149.60.45/~farbmetrik/RN89/RN89L0FP.PDF /.PS; 3D-linearisering
F: 3D-linearisering RN89/RN89LJ30FP.DAT i fil (F), side 32/33

n	HIC*Fde	rgb_Fde			ict_Fde			$h_{si\_F,de}$	rgb*Fde			LabCh*Fde					rgb'*Fde			LabCh'*Fde					DE'*Fde	$h_{siM,de}$	rgb*Mde			LabCh*Mde				
972	NW_000de	0.0	0.0	0.0	0.0	0.0	0.0	360	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
973	NW_012de	0.125	0.125	0.125	0.125	0.0	0.125	360	0.125	0.125	0.125	11.9	0.0	0.0	0.0	0.0	0.129	0.132	0.132	11.9	−0.2	0.0	0.2	198.6	0.2	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
974	NW_025de	0.25	0.25	0.25	0.25	0.0	0.25	360	0.25	0.25	0.25	23.8	0.0	0.0	0.0	0.0	0.232	0.236	0.237	23.7	−0.4	−0.2	0.4	207.2	0.4	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
975	NW_037de	0.375	0.375	0.375	0.375	0.0	0.375	360	0.375	0.375	0.375	35.7	0.0	0.0	0.0	0.0	0.345	0.35	0.35	35.7	−0.4	−0.2	0.5	205.6	0.5	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
976	NW_050de	0.5	0.5	0.5	0.5	0.0	0.5	360	0.5	0.5	0.5	47.7	0.0	0.0	0.0	0.0	0.466	0.47	0.471	47.7	−0.3	−0.1	0.4	205.6	0.4	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
977	NW_062de	0.625	0.625	0.625	0.625	0.0	0.625	360	0.625	0.625	0.625	59.6	0.0	0.0	0.0	0.0	0.59	0.593	0.594	59.4	−0.2	−0.1	0.3	206.3	0.3	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
978	NW_075de	0.75	0.75	0.75	0.75	0.0	0.75	360	0.75	0.75	0.75	71.5	0.0	0.0	0.0	0.0	0.721	0.724	0.724	71.3	−0.1	0.0	0.2	207.8	0.2	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
979	NW_087de	0.875	0.875	0.875	0.875	0.0	0.875	360	0.875	0.875	0.875	83.4	0.0	0.0	0.0	0.0	0.858	0.86	0.86	83.3	0.0	0.0	0.1	212.6	0.1	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
980	NW_100de	1.0	1.0	1.0	1.0	0.0	1.0	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0	1.0	1.0	1.0	95.4	0.0	0.0	0.0	325.2	0.0	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
981	NW_000de	0.0	0.0	0.0	0.0	0.0	0.0	360	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
982	NW_012de	0.125	0.125	0.125	0.125	0.0	0.125	360	0.125	0.125	0.125	11.9	0.0	0.0	0.0	0.0	0.129	0.132	0.132	11.9	−0.2	0.0	0.2	198.6	0.2	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
983	NW_025de	0.25	0.25	0.25	0.25	0.0	0.25	360	0.25	0.25	0.25	23.8	0.0	0.0	0.0	0.0	0.232	0.236	0.237	23.7	−0.4	−0.2	0.4	207.2	0.4	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
984	NW_037de	0.375	0.375	0.375	0.375	0.0	0.375	360	0.375	0.375	0.375	35.7	0.0	0.0	0.0	0.0	0.345	0.35	0.35	35.7	−0.4	−0.2	0.5	205.6	0.5	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
985	NW_050de	0.5	0.5	0.5	0.5	0.0	0.5	360	0.5	0.5	0.5	47.7	0.0	0.0	0.0	0.0	0.466	0.47	0.471	47.7	−0.3	−0.1	0.4	205.6	0.4	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
986	NW_062de	0.625	0.625	0.625	0.625	0.0	0.625	360	0.625	0.625	0.625	59.6	0.0	0.0	0.0	0.0	0.59	0.593	0.594	59.4	−0.2	−0.1	0.3	206.3	0.3	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
987	NW_075de	0.75	0.75	0.75	0.75	0.0	0.75	360	0.75	0.75	0.75	71.5	0.0	0.0	0.0	0.0	0.721	0.724	0.724	71.3	−0.1	0.0	0.2	207.8	0.2	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
988	NW_087de	0.875	0.875	0.875	0.875	0.0	0.875	360	0.875	0.875	0.875	83.4	0.0	0.0	0.0	0.0	0.858	0.86	0.86	83.3	0.0	0.0	0.1	212.6	0.1	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
989	NW_100de	1.0	1.0	1.0	1.0	0.0	1.0	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0	1.0	1.0	1.0	95.4	0.0	0.0	0.0	325.2	0.0	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
990	NW_000de	0.0	0.0	0.0	0.0	0.0	0.0	360	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
991	NW_012de	0.125	0.125	0.125	0.125	0.0	0.125	360	0.125	0.125	0.125	11.9	0.0	0.0	0.0	0.0	0.129	0.132	0.132	11.9	−0.2	0.0	0.2	198.6	0.2	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
992	NW_025de	0.25	0.25	0.25	0.25	0.0	0.25	360	0.25	0.25	0.25	23.8	0.0	0.0	0.0	0.0	0.232	0.236	0.237	23.7	−0.4	−0.2	0.4	207.2	0.4	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
993	NW_037de	0.375	0.375	0.375	0.375	0.0	0.375	360	0.375	0.375	0.375	35.7	0.0	0.0	0.0	0.0	0.345	0.35	0.35	35.7	−0.4	−0.2	0.5	205.6	0.5	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
994	NW_050de	0.5	0.5	0.5	0.5	0.0	0.5	360	0.5	0.5	0.5	47.7	0.0	0.0	0.0	0.0	0.466	0.47	0.471	47.7	−0.3	−0.1	0.4	205.6	0.4	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
995	NW_062de	0.625	0.625	0.625	0.625	0.0	0.625	360	0.625	0.625	0.625	59.6	0.0	0.0	0.0	0.0	0.59	0.593	0.594	59.4	−0.2	−0.1	0.3	206.3	0.3	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
996	NW_075de	0.75	0.75	0.75	0.75	0.0	0.75	360	0.75	0.75	0.75	71.5	0.0	0.0	0.0	0.0	0.721	0.724	0.724	71.3	−0.1	0.0	0.2	207.8	0.2	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
997	NW_087de	0.875	0.875	0.875	0.875	0.0	0.875	360	0.875	0.875	0.875	83.4	0.0	0.0	0.0	0.0	0.858	0.86	0.86	83.3	0.0	0.0	0.1	212.6	0.1	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
998	NW_100de	1.0	1.0	1.0	1.0	0.0	1.0	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0	1.0	1.0	1.0	95.4	0.0	0.0	0.0	325.2	0.0	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
999	NW_000de	0.0	0.0	0.0	0.0	0.0	0.0	360	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
1000	NW_012de	0.125	0.125	0.125	0.125	0.0	0.125	360	0.125	0.125	0.125	11.9	0.0	0.0	0.0	0.0	0.129	0.132	0.132	11.9	−0.2	0.0	0.2	198.6	0.2	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
1001	NW_025de	0.25	0.25	0.25	0.25	0.0	0.25	360	0.25	0.25	0.25	23.8	0.0	0.0	0.0	0.0	0.232	0.236	0.237	23.7	−0.4	−0.2	0.4	207.2	0.4	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
1002	NW_037de	0.375	0.375	0.375	0.375	0.0	0.375	360	0.375	0.375	0.375	35.7	0.0	0.0	0.0	0.0	0.345	0.35	0.35	35.7	−0.4	−0.2	0.5	205.6	0.5	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
1003	NW_050de	0.5	0.5	0.5	0.5	0.0	0.5	360	0.5	0.5	0.5	47.7	0.0	0.0	0.0	0.0	0.466	0.47	0.471	47.7	−0.3	−0.1	0.4	205.6	0.4	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
1004	NW_062de	0.625	0.625	0.625	0.625	0.0	0.625	360	0.625	0.625	0.625	59.6	0.0	0.0	0.0	0.0	0.59	0.593	0.594	59.4	−0.2	−0.1	0.3	206.3	0.3	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
1005	NW_075de	0.75	0.75	0.75	0.75	0.0	0.75	360	0.75	0.75	0.75	71.5	0.0	0.0	0.0	0.0	0.721	0.724	0.724	71.3	−0.1	0.0	0.2	207.8	0.2	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
1006	NW_087de	0.875	0.875	0.875	0.875	0.0	0.875	360	0.875	0.875	0.875	83.4	0.0	0.0	0.0	0.0	0.858	0.86	0.86	83.3	0.0	0.0	0.1	212.6	0.1	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
1007	NW_100de	1.0	1.0	1.0	1.0	0.0	1.0	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0	1.0	1.0	1.0	95.4	0.0	0.0	0.0	325.2	0.0	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
1008	NW_000de	0.0	0.0	0.0	0.0	0.0	0.0	360	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
1009	NW_006de	0.066	0.066	0.066	0.066	0.0	0.066	360	0.066	0.066	0.066	6.2	0.0	0.0	0.0	0.0	0.068	0.07	0.07	4.7	−0.1	0.0	0.1	215.3	1.5	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
1010	NW_013de	0.133	0.133	0.133	0.133	0.0	0.133	360	0.133	0.133	0.133	12.6	0.0	0.0	0.0	0.0	0.134	0.138	0.138	12.6	−0.5	−0.1	0.5	198.8	0.5	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
1011	NW_020de	0.2	0.2	0.2	0.2	0.0	0.2	360	0.2	0.2	0.2	19.0	0.0	0.0	0.0	0.0	0.181	0.193	0.193	18.7	−1.1	−0.4	1.2	202.3	1.3	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
1012	NW_026de	0.266	0.266	0.266	0.266	0.0	0.266	360	0.266	0.266	0.266	25.3	0.0	0.0	0.0	0.0	0.25	0.251	0.251	25.4	0.0	0.0	0.0	198.2	0.1	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
1013	NW_033de	0.333	0.333	0.333	0.333	0.0	0.333	360	0.333	0.333	0.333	31.7	0.0	0.0	0.0	0.0	0.303	0.311	0.311	31.6	−0.7	−0.3	0.8	203.1	0.8	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
1014	NW_040de	0.4	0.4	0.4	0.4	0.0	0.4	360	0.4	0.4	0.4	38.1	0.0	0.0	0.0	0.0	0.374	0.374	0.374	38.2	0.0	0.0	0.0	217.7	0.1	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
1015	NW_046de	0.466	0.466	0.466	0.466	0.0	0.466	360	0.466	0.466	0.466	44.4	0.0	0.0	0.0	0.0	0.431	0.437	0.437	44.4	−0.5	−0.2	0.5	203.8	0.5	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
1016	NW_053de	0.533	0.533	0.533	0.533	0.0	0.533	360	0.533	0.533	0.533	50.8	0.0	0.0	0.0	0.0	0.503	0.504	0.504	51.0	0.0	0.0	0.0	222.6	0.1	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
1017	NW_060de	0.6	0.6	0.6	0.6	0.0	0.6	360	0.6	0.6	0.6	57.2	0.0	0.0	0.0	0.0	0.564	0.569	0.569	57.1	−0.3	−0.1	0.4	204.7	0.4	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
1018	NW_066de	0.666	0.666	0.666	0.666	0.0	0.666	360	0.666	0.666	0.666	63.5	0.0	0.0	0.0	0.0	0.634	0.635	0.635	63.3	−0.1	0.0	0.1	207.4	0.2	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
1019	NW_073de	0.734	0.734	0.734	0.734	0.0	0.734	360	0.734	0.734	0.734	70.0	0.0	0.0	0.0	0.0	0.703	0.706	0.707	69.8	−0.3	−0.1	0.3	205.7	0.4	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
1020	NW_080de	0.8	0.8	0.8	0.8	0.0	0.8	360	0.8	0.8	0.8	76.3	0.0	0.0	0.0	0.0	0.775	0.778	0.778	76.1	−0.1	0.0	0.2	206.4	0.2	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
1021	NW_086de	0.866	0.866	0.866	0.866	0.0	0.866	360	0.866	0.866	0.866	82.6	0.0	0.0	0.0	0.0	0.847	0.85	0.85	82.5	−0.1	0.0	0.1	209.2	0.2	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
1022	NW_093de	0.933	0.933	0.933	0.933	0.0	0.933	360	0.933	0.933	0.933	89.0	0.0	0.0	0.0	0.0	0.921	0.924	0.924	88.9	−0.2	−0.1	0.2	207.0	0.2	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
1023	NW_100de	1.0	1.0	1.0	1.0	0.0	1.0	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0	1.0	1.0	1.0	95.4	0.0	0.0	0.0	325.2	0.0	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
1024	NW_000de	0.0	0.0	0.0	0.0	0.0	0.0	360	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
1025	NW_006de	0.066	0.066	0.066	0.066	0.0	0.066	360	0.066	0.066	0.066	6.2	0.0	0.0	0.0	0.0	0.068	0.07	0.07	4.7	−0.1	0.0	0.1	215.3	1.5	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
1026	NW_013de	0.133	0.133	0.133	0.133	0.0	0.133	360	0.133	0.133	0.133	12.6	0.0	0.0	0.0	0.0	0.134	0.138	0.138	12.6	−0.5	−0.1	0.5	198.8	0.5	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
1027	NW_020de	0.2	0.2	0.2	0.2	0.0	0.2	360	0.2	0.2	0.2	19.0	0.0	0.0	0.0	0.0	0.181	0.193	0.193	18.7	−1.1	−0.4	1.2	202.3	1.3	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
1028	NW_026de	0.266	0.266	0.266	0.266	0.0	0.266	360	0.266	0.266	0.266	25.3	0.0	0.0	0.0	0.0	0.25	0.251	0.251	25.4	0.0	0.0	0.0	198.2	0.1	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
1029	NW_033de	0.333	0.333	0.333	0.333	0.0	0.333	360	0.333	0.333	0.333	31.7	0.0	0.0	0.0	0.0	0.303	0.311	0.311	31.6	−0.7	−0.3	0.8	203.1	0.8	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
1030	NW_040de	0.4	0.4	0.4	0.4	0.0	0.4	360	0.4	0.4	0.4	38.1	0.0	0.0	0.0	0.0	0.374	0.374	0.374	38.2	0.0	0.0	0.0	217.7	0.1	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
1031	NW_046de	0.466	0.466	0.466	0.466	0.0	0.466	360	0.466	0.466	0.466	44.4	0.0	0.0	0.0	0.0	0.431	0.437	0.437	44.4	−0.5	−0.2	0.5	203.8	0.5	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
1032	NW_053de	0.533	0.533	0.533	0.533	0.0	0.533	360	0.533	0.533	0.533	50.8	0.0	0.0	0.0	0.0	0.503	0.504	0.504	51.0	0.0	0.0	0.0	222.6	0.1	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
1033	NW_060de	0.6	0.6	0.6	0.6	0.0	0.6	360	0.6	0.6	0.6	57.2	0.0	0.0	0.0	0.0	0.564	0.569	0.569	57.1	−0.3	−0.1	0.4	204.7	0.4	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
1034	NW_066de	0.666	0.666	0.666	0.666	0.0	0.666	360	0.666	0.666	0.666	63.5	0.0	0.0	0.0	0.0	0.634	0.635	0.635	63.3	−0.1	0.0	0.1	207.4	0.2	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
1035	NW_073de	0.734	0.734	0.734	0.734	0.0	0.734	360	0.734	0.734	0.734	70.0	0.0	0.0	0.0	0.0	0.703	0.706	0.707	69.8	−0.3	−0.1	0.3	205.7	0.4	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
1036	NW_080de	0.8	0.8	0.8	0.8	0.0	0.8	360	0.8	0.8	0.8	76.3	0.0	0.0	0.0	0.0	0.775	0.778	0.778	76.1	−0.1	0.0	0.2	206.4	0.2	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
1037	NW_086de	0.866	0.866	0.866	0.866	0.0	0.866	360	0.866	0.866	0.866	82.6	0.0	0.0	0.0	0.0	0.847	0.85	0.85	82.5	−0.1	0.0	0.1	209.2	0.2	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
1038	NW_093de	0.933	0.933	0.933	0.933	0.0	0.933	360	0.933	0.933	0.933	89.0	0.0	0.0	0.0	0.0	0.921	0.924	0.924	88.9	−0.2	−0.1	0.2	207.0	0.2	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
1039	NW_100de	1.0	1.0	1.0	1.0	0.0	1.0	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0	1.0	1.0	1.0	95.4	0.0	0.0	0.0	325.2	0.0	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
1040	NW_000de	0.0	0.0	0.0	0.0	0.0	0.0	360	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
1041	NW_006de	0.066	0.066	0.066	0.066	0.0	0.066	360	0.066	0.066	0.066	6.2	0.0	0.0	0.0	0.0	0.068	0.07	0.07	4.7	−0.1	0.0	0.1	215.3	1.5	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
1042	NW_013de	0.133	0.133	0.133	0.133	0.0	0.133	360	0.133	0.133	0.133	12.6	0.0	0.0	0.0	0.0	0.134	0.138	0.138	12.6	−0.5	−0.1	0.5	198.8	0.5	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
1043	NW_020de	0.2	0.2	0.2	0.2	0.0	0.2	360	0.2	0.2	0.2	19.0	0.0	0.0	0.0	0.0	0.181	0.193	0.193	18.7	−1.1	−0.4	1.2	202.3	1.3	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
1044	NW_026de	0.266	0.266	0.266	0.266	0.0	0.266	360	0.266	0.266	0.266	25.3	0.0	0.0	0.0	0.0	0.25	0.251	0.251	25.4	0.0	0.0	0.0	198.2	0.1	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
1045	NW_033de	0.333	0.333	0.333	0.333	0.0	0.333	360	0.333	0.333	0.333	31.7	0.0	0.0	0.0	0.0	0.303	0.311	0.311	31.6	−0.7	−0.3	0.8	203.1	0.8	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
1046	NW_040de	0.4	0.4	0.4	0.4	0.0	0.4	360	0.4	0.4	0.4	38.1	0.0	0.0	0.0	0.0	0.374	0.374	0.374	38.2	0.0	0.0	0.0	217.7	0.1	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
1047	NW_046de	0.466	0.466	0.466	0.466	0.0	0.466	360	0.466	0.466	0.466	44.4	0.0	0.0	0.0	0.0	0.431	0.437	0.437	44.4	−0.5	−0.2	0.5	203.8	0.5	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
1048	NW_053de	0.533	0.533	0.533	0.533	0.0	0.533	360	0.533	0.533	0.533	50.8	0.0	0.0	0.0	0.0	0.503	0.504	0.504	51.0	0.0	0.0	0.0	222.6	0.1	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
1049	NW_060de	0.6	0.6	0.6	0.6	0.0	0.6	360	0.6	0.6	0.6	57.2	0.0	0.0	0.0	0.0	0.564	0.569	0.569	57.1	−0.3	−0.1	0.4	204.7	0.4	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
1050	NW_066de	0.666	0.666	0.666	0.666	0.0	0.666	360	0.666	0.666	0.666	63.5	0.0	0.0	0.0	0.0	0.634	0.635	0.635	63.3	−0.1	0.0	0.1	207.4	0.2	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
1051	NW_073de	0.734	0.734	0.734	0.734	0.0	0.734	360	0.734	0.734	0.734	70.0	0.0	0.0	0.0	0.0	0.703	0.706	0.707	69.8	−0.3	−0.1	0.3	205.7	0.4	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
1052	NW_080de	0.8	0.8	0.8	0.8	0.0	0.8	360	0.8	0.8	0.8	76.3	0.0	0.0	0.0	0.0	0.775	0.778	0.778	76.1	−0.1	0.0	0.2	206.4	0.2	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0

delta E'^* = **0.3**

5−1133134−F0

RN890−7N, 32/33−F

input: $rgb/cmyk \rightarrow rgb_{de}$
output: 3D-linearisering til rgb^*_{de}

TUB-prøveplansje RN89; 16-trinns fargetonesirkel, cf=1
farger og fargeavstander, $\Delta E'^*$

5−1133134−F0

TUB registrering: 20150701-RN89/RN89L0FP.PDF /.PS TUB-material: code=rha4ta
anvendelse for måling av display output, ingen separasjon rgb* (RGB)

http://130.149.60.45/~farbmetrik/RN89/RN89L0FP.PDF /.PS; 3D-linearisering
F: 3D-linearisering RN89/RN89LJ30FP.DAT i fil (F), side 33/33

n	**HIC*$_{Fde}$**	***rgb*$_{\_Fde}$**			***ict*$_{\_Fde}$**			***h*$_{si\_F,de}$**	***rgb***$_{Fde}$**			***LabCh***$_{Fde}$**					***rgb'***$_{Fde}$**			***LabCh'***$_{Fde}$**					***DE'***$_{Fde}$**	***h*$_{siM,de}$**	***rgb***$_{Mde}$**			***LabCh***$_{Mde}$**				
1053	NW_086$_{de}$	0.866	0.866	0.866	0.866	0.0	0.866	360	0.866	0.866	0.866	82.6	0.0	0.0	0.0	0.0	0.847	0.85	0.85	82.5	−0.1	0.0	0.1	209.2	0.2	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
1054	NW_093$_{de}$	0.933	0.933	0.933	0.933	0.0	0.933	360	0.933	0.933	0.933	89.0	0.0	0.0	0.0	0.0	0.921	0.924	0.924	88.9	−0.2	−0.1	0.2	207.0	0.2	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
1055	NW_100$_{de}$	1.0	1.0	1.0	1.0	0.0	1.0	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0	1.0	1.0	1.0	95.4	0.0	0.0	0.0	325.2	0.0	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
1056	NW_000$_{de}$	0.0	0.0	0.0	0.0	0.0	0.0	360	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
1057	NW_006$_{de}$	0.066	0.066	0.066	0.066	0.0	0.066	360	0.066	0.066	0.066	6.2	0.0	0.0	0.0	0.0	0.068	0.07	0.07	4.7	−0.1	0.0	0.1	215.3	1.5	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
1058	NW_013$_{de}$	0.133	0.133	0.133	0.133	0.0	0.133	360	0.133	0.133	0.133	12.6	0.0	0.0	0.0	0.0	0.134	0.138	0.138	12.6	−0.5	−0.1	0.5	198.8	0.5	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
1059	NW_020$_{de}$	0.2	0.2	0.2	0.2	0.0	0.2	360	0.2	0.2	0.2	19.0	0.0	0.0	0.0	0.0	0.181	0.193	0.193	18.7	−1.1	−0.4	1.2	202.3	1.3	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
1060	NW_026$_{de}$	0.266	0.266	0.266	0.266	0.0	0.266	360	0.266	0.266	0.266	25.3	0.0	0.0	0.0	0.0	0.25	0.251	0.251	25.4	0.0	0.0	0.0	198.2	0.1	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
1061	NW_033$_{de}$	0.333	0.333	0.333	0.333	0.0	0.333	360	0.333	0.333	0.333	31.7	0.0	0.0	0.0	0.0	0.303	0.311	0.311	31.6	−0.7	−0.3	0.8	203.1	0.8	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
1062	NW_040$_{de}$	0.4	0.4	0.4	0.4	0.0	0.4	360	0.4	0.4	0.4	38.1	0.0	0.0	0.0	0.0	0.374	0.374	0.374	38.2	0.0	0.0	0.0	217.7	0.1	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
1063	NW_046$_{de}$	0.466	0.466	0.466	0.466	0.0	0.466	360	0.466	0.466	0.466	44.4	0.0	0.0	0.0	0.0	0.431	0.437	0.437	44.4	−0.5	−0.2	0.5	203.8	0.5	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
1064	NW_053$_{de}$	0.533	0.533	0.533	0.533	0.0	0.533	360	0.533	0.533	0.533	50.8	0.0	0.0	0.0	0.0	0.503	0.504	0.504	51.0	0.0	0.0	0.0	222.6	0.1	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
1065	NW_060$_{de}$	0.6	0.6	0.6	0.6	0.0	0.6	360	0.6	0.6	0.6	57.2	0.0	0.0	0.0	0.0	0.564	0.569	0.569	57.1	−0.3	−0.1	0.4	204.7	0.4	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
1066	NW_066$_{de}$	0.666	0.666	0.666	0.666	0.0	0.666	360	0.666	0.666	0.666	63.5	0.0	0.0	0.0	0.0	0.634	0.635	0.635	63.3	−0.1	0.0	0.1	207.4	0.2	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
1067	NW_073$_{de}$	0.734	0.734	0.734	0.734	0.0	0.734	360	0.734	0.734	0.734	70.0	0.0	0.0	0.0	0.0	0.703	0.706	0.707	69.8	−0.3	−0.1	0.3	205.7	0.4	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
1068	NW_080$_{de}$	0.8	0.8	0.8	0.8	0.0	0.8	360	0.8	0.8	0.8	76.3	0.0	0.0	0.0	0.0	0.775	0.778	0.778	76.1	−0.1	0.0	0.2	206.4	0.2	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
1069	NW_086$_{de}$	0.866	0.866	0.866	0.866	0.0	0.866	360	0.866	0.866	0.866	82.6	0.0	0.0	0.0	0.0	0.847	0.85	0.85	82.5	−0.1	0.0	0.1	209.2	0.2	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
1070	NW_093$_{de}$	0.933	0.933	0.933	0.933	0.0	0.933	360	0.933	0.933	0.933	89.0	0.0	0.0	0.0	0.0	0.921	0.924	0.924	88.9	−0.2	−0.1	0.2	207.0	0.2	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
1071	NW_100$_{de}$	1.0	1.0	1.0	1.0	0.0	1.0	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0	1.0	1.0	1.0	95.4	0.0	0.0	0.0	325.2	0.0	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
1072	NW_000$_{de}$	0.0	0.0	0.0	0.0	0.0	0.0	360	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
1073	NW_100$_{de}$	1.0	1.0	1.0	1.0	0.0	1.0	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0	1.0	1.0	1.0	95.4	0.0	0.0	0.0	325.2	0.0	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
1074	R00Y_100_100$_{de}$	1.0	0.0	0.0	1.0	1.0	0.5	390	1.0	0.0	0.263	50.9	78.3	37.3	86.7	25.4	1.0	0.0	0.264	50.9	78.1	37.1	86.5	25.4	0.2	375	1.0	0.0	0.263	50.9	78.3	37.3	86.7	25.4
1075	G50B_100_100$_{de}$	0.0	1.0	1.0	1.0	1.0	0.5	210	0.0	0.89	1.0	79.0	−34.2	−25.7	42.8	216.9	0.0	0.89	1.0	79.0	−34.1	−25.3	42.5	216.6	0.4	215	0.0	0.89	1.0	79.0	−34.2	−25.7	42.8	216.9
1076	Y00G_100_100$_{de}$	1.0	1.0	0.0	1.0	1.0	0.5	90	1.0	0.856	0.0	83.7	−3.4	84.5	84.5	92.3	1.0	0.856	0.0	83.6	−3.4	84.2	84.3	92.3	0.2	82	1.0	0.856	0.0	83.7	−3.4	84.5	84.5	92.3
1077	B00R_100_100$_{de}$	0.0	0.0	1.0	1.0	1.0	0.5	270	0.0	0.609	1.0	59.2	1.7	−56.6	56.6	271.7	0.0	0.609	1.0	59.2	2.0	−56.3	56.3	272.1	0.4	232	0.0	0.609	1.0	59.2	1.7	−56.6	56.6	271.7
1078	G00B_100_100$_{de}$	0.0	1.0	0.0	1.0	1.0	0.5	150	0.0	1.0	0.706	85.1	−64.6	20.7	67.9	162.2	0.0	1.0	0.707	85.1	−64.3	20.9	67.6	162.0	0.3	193	0.0	1.0	0.706	85.1	−64.6	20.7	67.9	162.2
1079	B50R_100_100$_{de}$	1.0	0.0	1.0	1.0	1.0	0.5	330	1.0	0.0	0.991	57.1	94.1	−57.4	110.3	328.6	1.0	0.0	0.991	57.1	94.0	−57.4	110.2	328.5	0.0	330	1.0	0.0	0.991	57.1	94.1	−57.4	110.3	328.6
																								delta *E' * =**	**0.3**									

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RN890−7N, 33/33−F

TUB-prøveplansje RN89; 16-trinns fargetonesirkel, *cf*=1
farger og fargeavstander, Δ*E'**

input: *rgb/cmyk* −> *rgb*$_{de}$
output: 3D-linearisering til *rgb**$_{de}$

se lignende filer: http://130.149.60.45/~farbmetrik/RN89/RN89.HTM
teknisk informasjon: http://www.ps.bam.de eller http://130.149.60.45/~farbmetrik

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