

Input og output: Offset-Reflektiv-System ORS18a

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

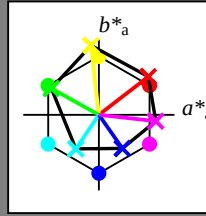
HIC^*

fargetonetekst for fargene

på denne siden:

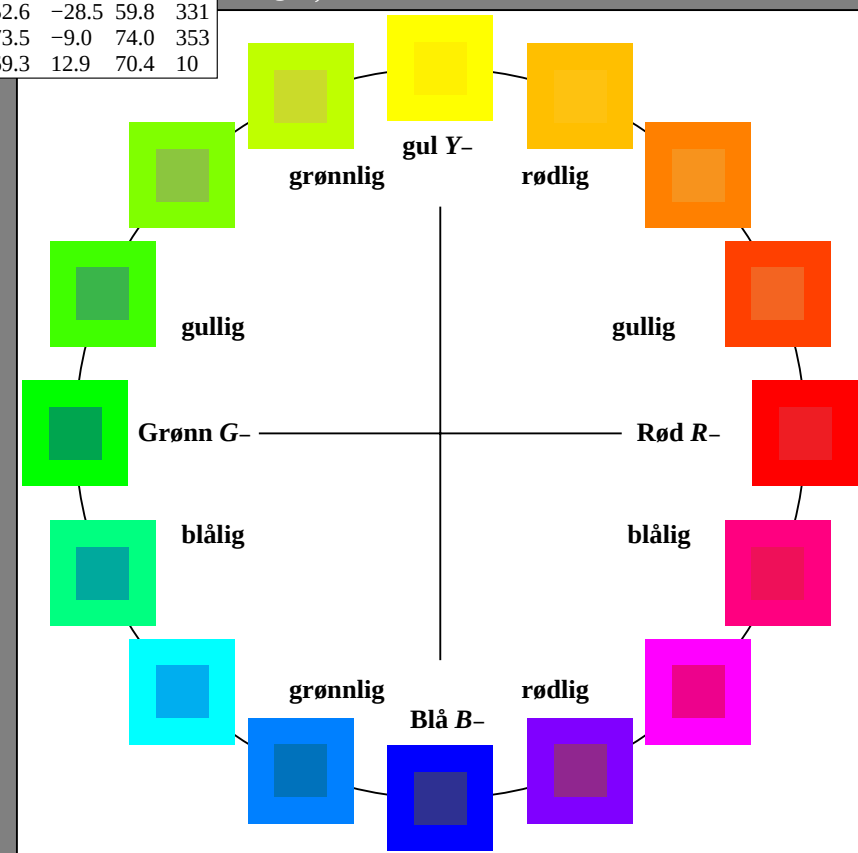
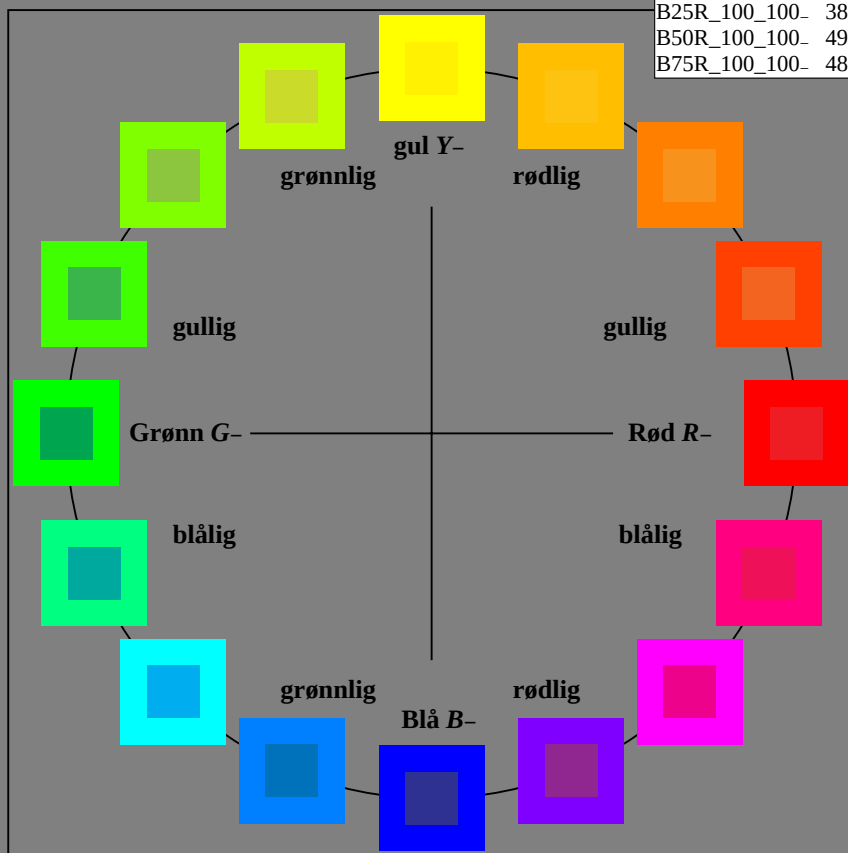
$H^*_\text{--} = R00Y_\text{--}, R25Y_\text{--}, \dots, B75R_\text{--}$

ORS20a; adapterte (a) CIELAB data						
$H^*_\text{--}$	$L^*=L^*_a$	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
 $u^*_{\text{rel}} = 92$
%Regularitet
 $g^*_{H,\text{rel}} = 57$
 $g^*_{C,\text{rel}} = 58$

ORS18a; adapterte (a) CIELAB data					
navn	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
R_-,Ma	47.9	65.3	50.5	82.6	37
Y_-,Ma	90.3	-10.2	91.7	92.3	96
G_-,Ma	50.9	-62.8	34.9	71.9	150
C_-,Ma	58.6	-30.3	-45.0	54.2	236
B_-,Ma	25.7	31.0	-44.4	54.2	305
M_-,Ma	48.1	75.2	-8.3	75.7	353
N_-,Ma	18.0	0.0	0.0	0.0	0
W_-,Ma	95.4	0.0	0.0	0.0	0
R_-,CIE	39.9	58.7	27.9	65.0	25
Y_-,CIE	81.2	-2.8	71.5	71.6	92
G_-,CIE	52.2	-42.4	13.6	44.5	162
B_-,CIE	30.5	1.4	-46.4	46.4	271



5-103031-L0 PN860-7N

TUB-prøveplansje PN86; 16-trinns fargetonesirkel
prøveplansje infølge DIN 33872, 3D=1, de=0, cm_y0^*

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

Input og output: Offset-Reflektiv-System ORS18a

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

HIC^*_d

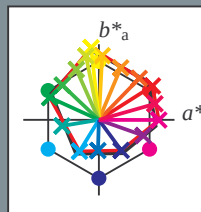
fargetonetekst for fargene

på denne siden:

$H^*_d = R00Y_d, R25Y_d, \dots, B75R_d$

ORS20a; adapterte (a) CIELAB data

H^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
R00Y_100_100_d	45.4	70.9	44.8	83.9	32
R25Y_100_100_d	53.0	53.4	54.8	76.5	45
R50Y_100_100_d	64.9	28.9	68.6	74.5	67
R75Y_100_100_d	78.6	4.3	84.7	84.8	87
Y00G_100_100_d	87.8	-10.2	95.4	96.0	96
Y25G_100_100_d	81.2	-17.0	84.3	86.0	101
Y50G_100_100_d	70.6	-29.7	66.5	72.8	114
Y75G_100_100_d	57.9	-48.3	45.8	66.5	136
G00B_100_100_d	50.0	-65.0	29.6	71.4	155
G25B_100_100_d	52.9	-48.6	-8.0	49.3	189
G50B_100_100_d	56.8	-25.5	-41.5	48.7	238
G75B_100_100_d	41.7	-1.2	-40.6	40.6	268
B00R_100_100_d	25.0	29.5	-40.4	50.0	306
B25R_100_100_d	35.6	58.6	-20.7	62.1	340
B50R_100_100_d	46.1	79.3	-0.2	79.3	359
B75R_100_100_d	45.9	74.2	21.1	77.1	15



%Omfang

$u^*_{rel} = 92$

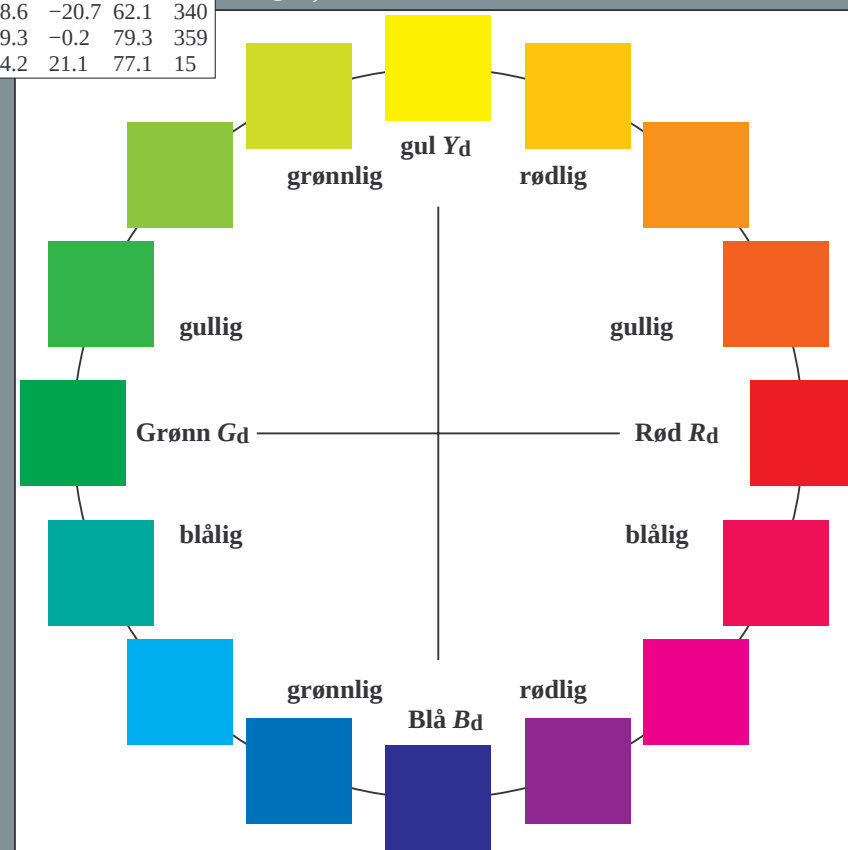
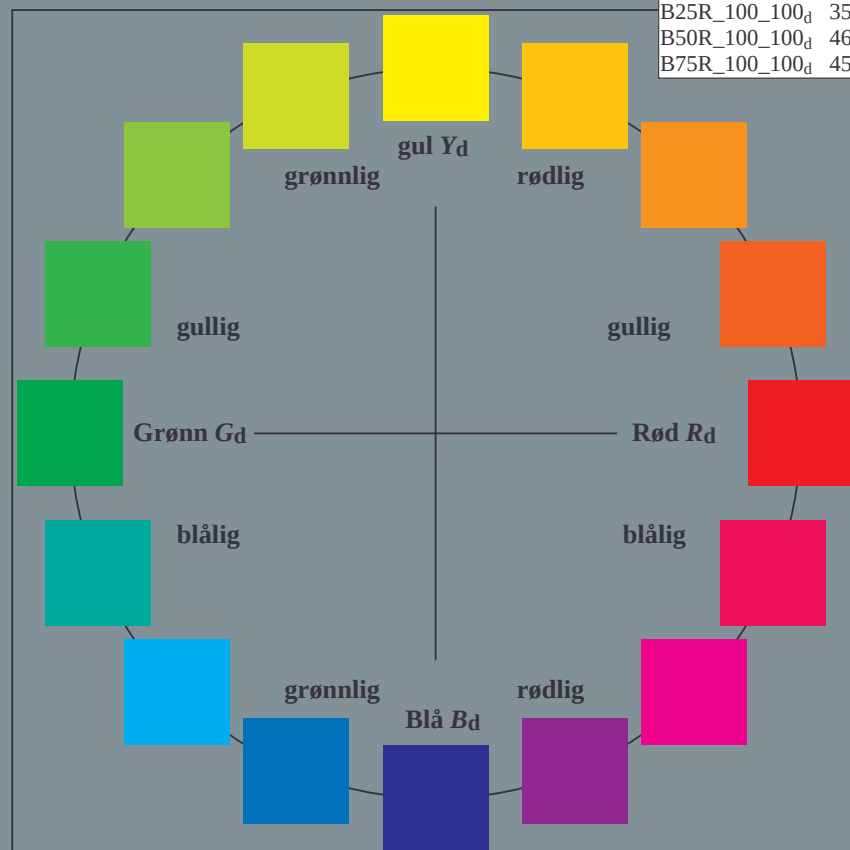
%Regularitet

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

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

ORS20a; adapterte (a) CIELAB data

navn	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
R _{d, Ma}	45.4	70.9	44.8	83.9	32
Y _{d, Ma}	87.8	-10.2	95.4	96.0	96
G _{d, Ma}	50.0	-65.0	29.6	71.4	155
C _{d, Ma}	56.8	-25.5	-41.5	48.7	238
B _{d, Ma}	25.0	29.5	-40.4	50.0	306
M _{d, Ma}	46.1	79.3	-0.2	79.3	359
N _{d, Ma}	24.3	0.0	0.0	0.0	0
W _{d, Ma}	95.6	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



5-103131-L0 PN860-72

TUB-prøveplansje PN86; 16-trinns fargetonesirkel
prøveplansje infølge DIN 33872, 3D=1, de=0, $cmY0^*$

input: $rgb/cmyk \rightarrow rgb_{dd}$
output: 3D-linearisering til $cmY0^*_{dd}$

Input og output: Offset-Reflektiv-System ORS18a

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

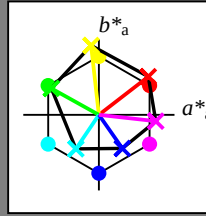
HIC^*

fargetonetekst for fargene

på denne siden:

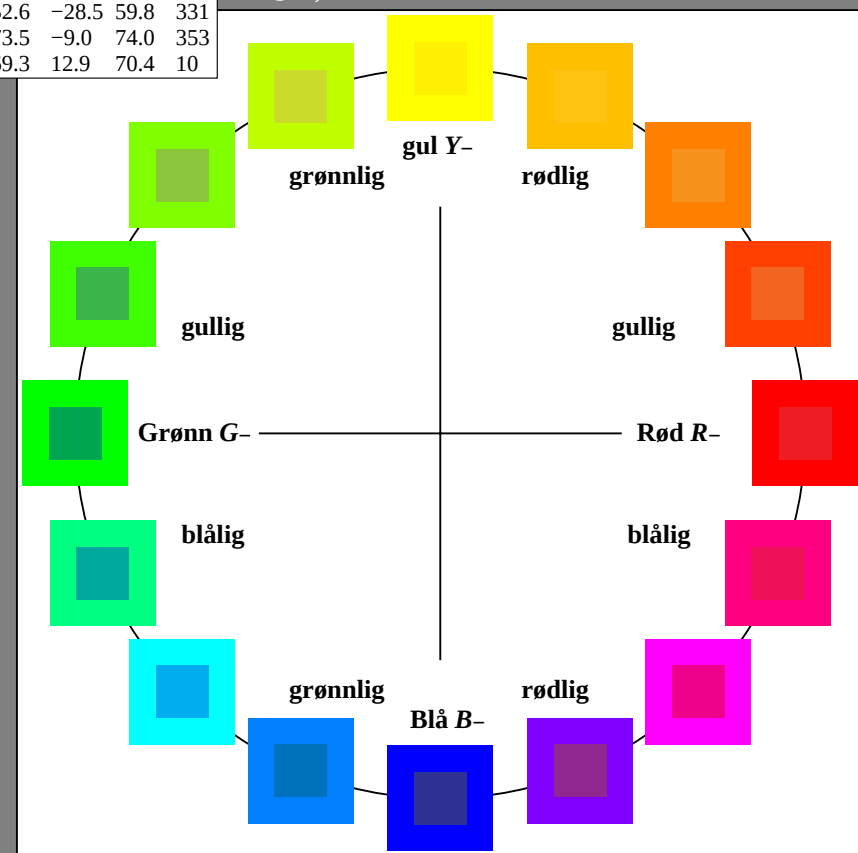
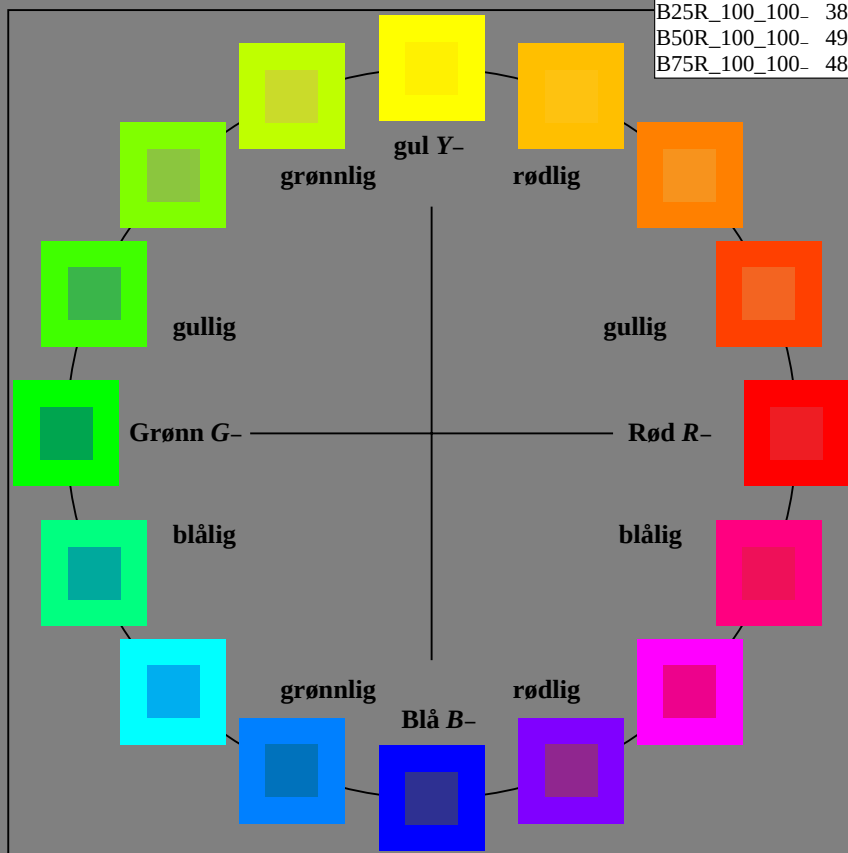
$H^*_- = R00Y_- , R25Y_- , ..., B75R_-$

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

ORS18a; adapterte (a) CIELAB data					
navn	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
R_-,Ma	47.9	65.3	50.5	82.6	37
Y_-,Ma	90.3	-10.2	91.7	92.3	96
G_-,Ma	50.9	-62.8	34.9	71.9	150
C_-,Ma	58.6	-30.3	-45.0	54.2	236
B_-,Ma	25.7	31.0	-44.4	54.2	305
M_-,Ma	48.1	75.2	-8.3	75.7	353
N_-,Ma	18.0	0.0	0.0	0.0	0
W_-,Ma	95.4	0.0	0.0	0.0	0
R_-,CIE	39.9	58.7	27.9	65.0	25
Y_-,CIE	81.2	-2.8	71.5	71.6	92
G_-,CIE	52.2	-42.4	13.6	44.5	162
B_-,CIE	30.5	1.4	-46.4	46.4	271



5-113031-L0 PN860-7N

TUB-prøveplansje PN86; 16-trinns fargetonesirkel
prøveplansje infølge DIN 33872, 3D=1, de=1, cm_y0^*

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

Input og output: Offset-Reflektiv-System ORS18a

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

HIC^*_e

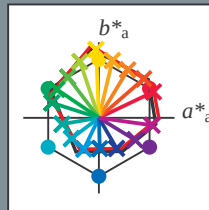
fargetonetekst for fargene

på denne siden:

$H^*_e = R00Y_e, R25Y_e, \dots, B75R_e$

ORS20a; adapterte (a) CIELAB data

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



%Omfang

$u^*_{rel} = 92$

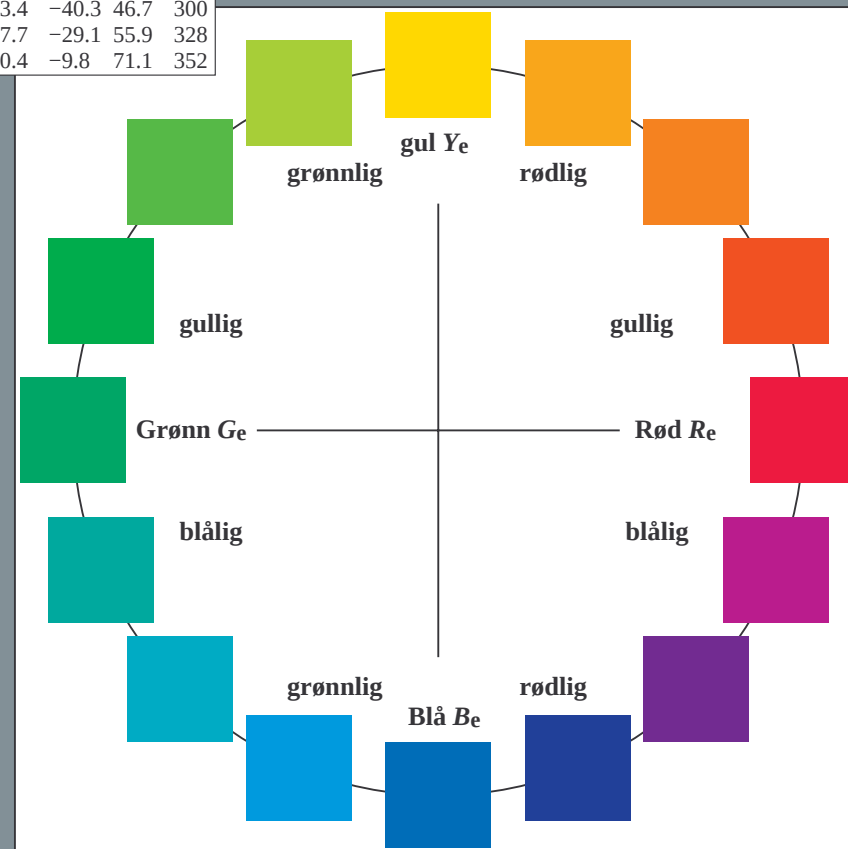
%Regularitet

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

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

ORS20a; adapterte (a) CIELAB data

navn	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
Re,Ma	45.6	72.2	34.4	80.0	25
Ye,Ma	83.6	-3.6	90.4	90.4	92
Ge,Ma	50.6	-62.1	19.9	65.2	162
Ce,Ma	55.0	-36.2	-27.2	45.3	216
Be,Ma	40.2	1.2	-40.6	40.6	271
Me,Ma	31.1	47.7	-29.1	55.9	328
Ne,Ma	24.3	0.0	0.0	0.0	0
We,Ma	95.6	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



5-113131-L0 PN860-73

TUB-prøveplansje PN86; 16-trinns fargetonesirkel
prøveplansje infølge DIN 33872, 3D=1, de=1, cmy0*

input: $rgb/cmyk \rightarrow rgb_{de}$
output: 3D-linearisering til $cmy0^*_{de}$