

http://130.149.60.45/~farbmeterik/SE03/SE03L0FA.TXT /.PS; start output
F: 3D-linearization SE03/SE03LE30FA.DAT in file (F), page 1/2

Input and Output: Offset Reflective System ORS18a

Data for any device (d) or
elementary (e) colour:

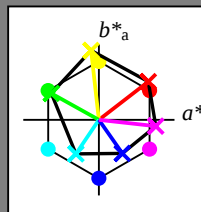
HIC^*

hue text for the colours
of this page:

$H^*_e = R00Y-, R25Y-, ..., B75R-$

ORS20a; adapted (a) CIELAB data

H^*_e	$L^*=L^*_a a^*_a$	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
R00Y_100_100_	48.4	66.1	40.2	77.3
R25Y_100_100_	56.8	48.0	50.5	69.6
R50Y_100_100_	68.6	25.0	63.9	68.6
R75Y_100_100_	80.6	4.8	77.2	77.3
Y00G_100_100_	90.2	-9.6	88.2	88.7
Y25G_100_100_	83.2	-18.4	79.9	81.9
Y50G_100_100_	73.3	-31.7	62.7	70.2
Y75G_100_100_	62.0	-49.7	43.2	65.8
G00B_100_100_	55.8	-65.2	33.8	73.4
G25B_100_100_	59.3	-50.3	-9.0	51.0
G50B_100_100_	63.0	-30.5	-42.0	51.9
G75B_100_100_	45.7	-5.7	-44.6	44.9
B00R_100_100_	27.5	25.9	-47.3	53.9
B25R_100_100_	38.3	52.6	-28.5	59.8
B50R_100_100_	49.5	73.5	-9.0	74.0
B75R_100_100_	48.9	69.3	12.9	70.4



% Gamut

$u^*_{rel} = 92$

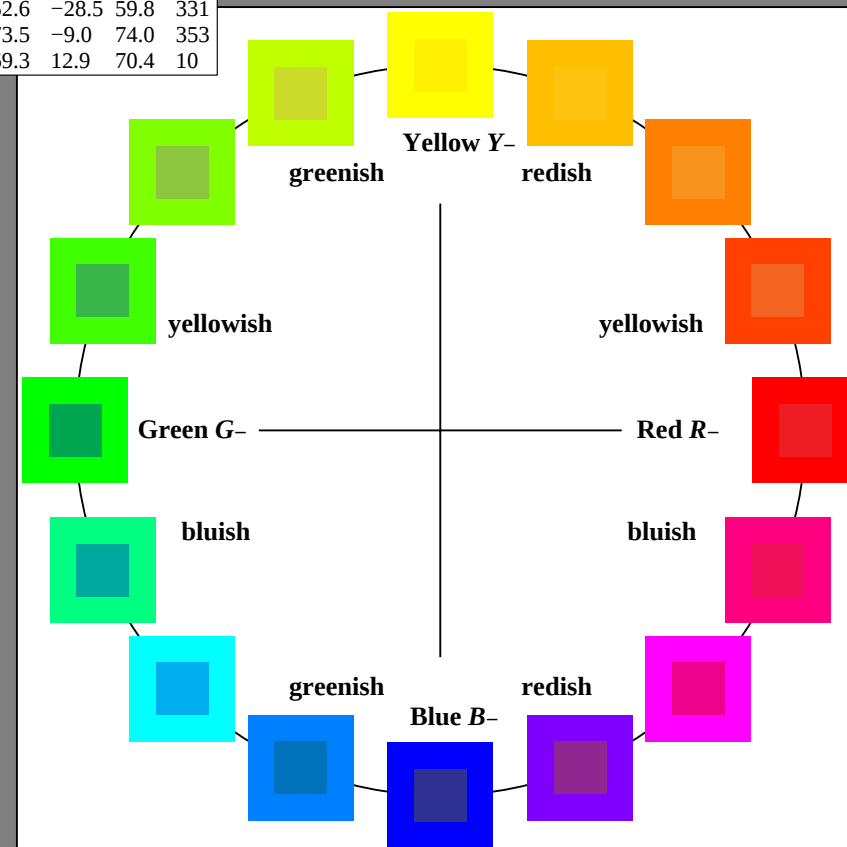
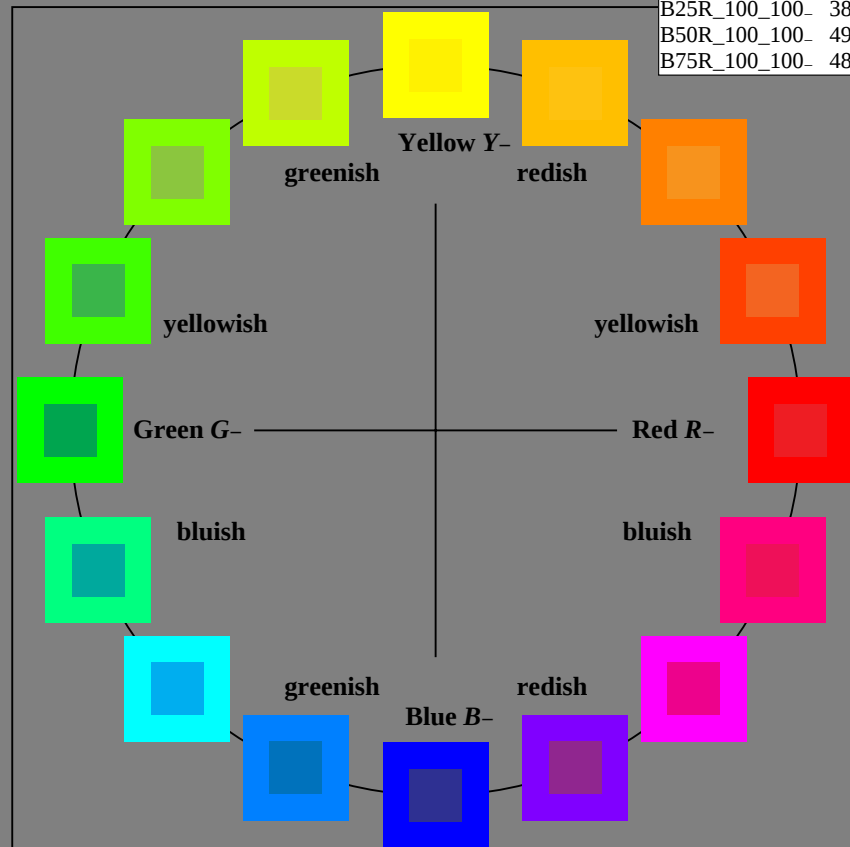
% Regularity

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

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

ORS18a; adapted (a) CIELAB data

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



1-103030-L0

SE030-7N

TUB-test chart SE03; 16 hues, offset standard paper APCO
Test chart according to DIN 33872

input: $rgb/cmyk \rightarrow rgb/cmyk$
output: no change

TUB registration: 20130201-SE03/SE03L0FA.TXT /.PS
application for measurement of offset print output

TUB material: code=rha4ta

Input and Output: Offset Reflective System ORS18a

Data for any device (d) or
elementary (e) colour:

$$HIC^*_d$$

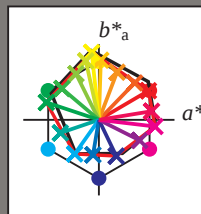
hue text for the colours

of this page:

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

ORS20a; adapted (a) CIELAB data

H^*_d	$L^*=L^*_a a^*_a$	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
R00Y_100_100_d	47.5	65.5	38.4	76.0
R25Y_100_100_d	55.9	47.3	48.7	67.9
R50Y_100_100_d	68.1	24.0	63.0	67.4
R75Y_100_100_d	81.2	2.5	78.8	78.9
Y00G_100_100_d	89.4	-9.5	89.0	89.6
Y25G_100_100_d	84.1	-17.3	77.9	79.8
Y50G_100_100_d	73.1	-30.2	60.8	67.9
Y75G_100_100_d	60.3	-48.7	41.3	63.9
G00B_100_100_d	51.6	-69.3	23.0	73.1
G25B_100_100_d	54.6	-50.8	-17.3	53.7
G50B_100_100_d	57.8	-31.9	-45.1	55.3
G75B_100_100_d	42.3	-7.7	-46.3	46.9
B00R_100_100_d	24.9	22.9	-47.8	53.0
B25R_100_100_d	37.0	53.9	-27.1	60.4
B50R_100_100_d	48.2	74.2	-8.7	74.7
B75R_100_100_d	47.8	69.7	11.3	70.6



% Gamut

$u^*_{rel} = 92$

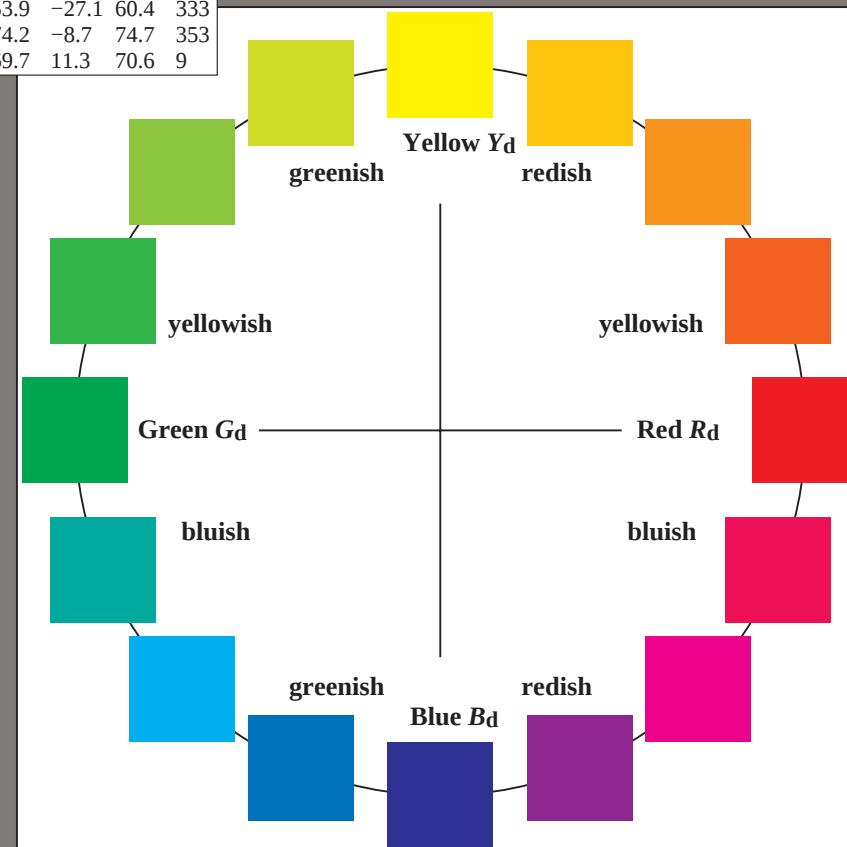
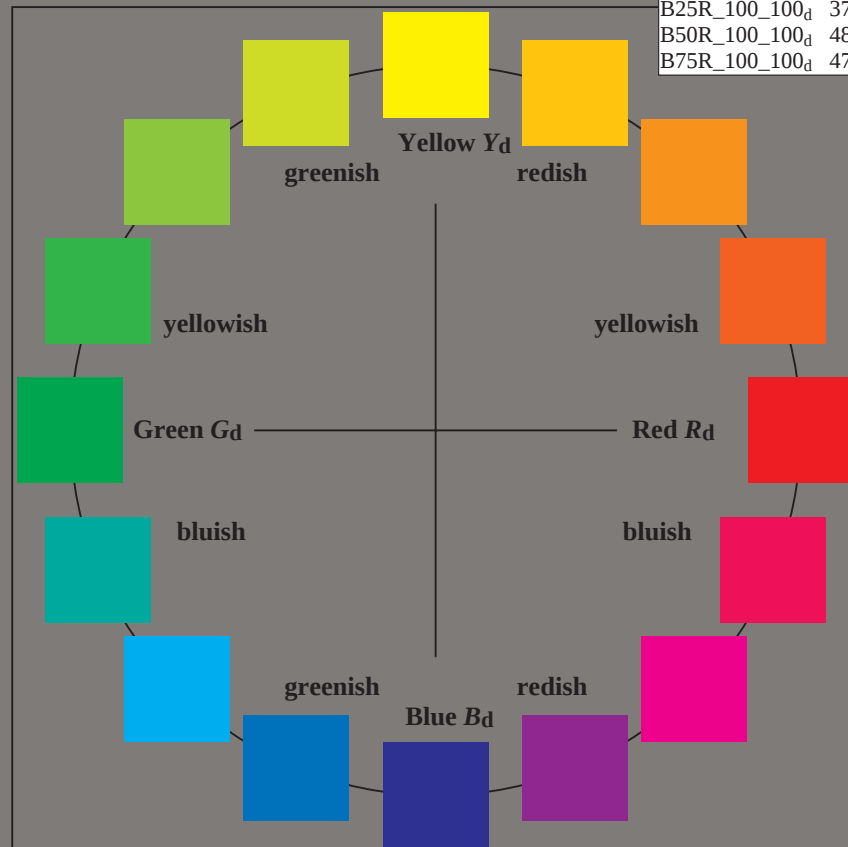
% Regularity

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

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

ORS20a; adapted (a) CIELAB data

Name	$L^*=L^*_a a^*_a$	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
R _{d, Ma}	47.5	65.5	38.4	76.0
Y _{d, Ma}	89.4	-9.5	89.0	89.6
G _{d, Ma}	51.6	-69.3	23.0	73.1
C _{d, Ma}	57.8	-31.9	-45.1	55.3
B _{d, Ma}	24.9	22.9	-47.8	53.0
M _{d, Ma}	48.2	74.2	-8.7	74.7
N _{d, Ma}	18.5	0.0	0.0	0
W _{d, Ma}	96.3	0.0	0.0	0
R _{d, CIE}	39.9	58.7	27.9	65.0
Y _{d, CIE}	81.2	-2.8	71.5	71.6
G _{d, CIE}	52.2	-42.4	13.6	44.5
B _{d, CIE}	30.5	1.4	-46.4	46.4



1-103130-L0

SE030-72

TUB-test chart SE03; 16 hues, offset standard paper APCO
Test chart according to DIN 33872, 3D=1, de=0, $cm\dot{y}k^*$

input: $rgb/cmyk \rightarrow rgb_{dd}$

output: 3D-linearization to $cmyk^*_{dd}$

http://130.149.60.45/~farbmeterik/SE03/SE03L0FA.TXT /.PS; start output
F: 3D-linearization SE03/SE03LE30FA.DAT in file (F), page 1/2

Input and Output: Offset Reflective System ORS18a

Data for any device (d) or
elementary (e) colour:

HIC^*

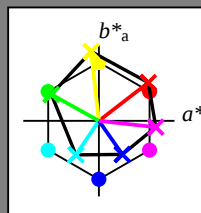
hue text for the colours

of this page:

$H^*_e = R00Y-, R25Y-, ..., B75R-$

ORS20a; adapted (a) CIELAB data

H^*_e	$L^*=L^*_a a^*_a$	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
R00Y_100_100_	48.4	66.1	40.2	77.3
R25Y_100_100_	56.8	48.0	50.5	69.6
R50Y_100_100_	68.6	25.0	63.9	68.6
R75Y_100_100_	80.6	4.8	77.2	77.3
Y00G_100_100_	90.2	-9.6	88.2	88.7
Y25G_100_100_	83.2	-18.4	79.9	81.9
Y50G_100_100_	73.3	-31.7	62.7	70.2
Y75G_100_100_	62.0	-49.7	43.2	65.8
G00B_100_100_	55.8	-65.2	33.8	73.4
G25B_100_100_	59.3	-50.3	-9.0	51.0
G50B_100_100_	63.0	-30.5	-42.0	51.9
G75B_100_100_	45.7	-5.7	-44.6	44.9
B00R_100_100_	27.5	25.9	-47.3	53.9
B25R_100_100_	38.3	52.6	-28.5	59.8
B50R_100_100_	49.5	73.5	-9.0	74.0
B75R_100_100_	48.9	69.3	12.9	70.4



% Gamut

$u^*_{rel} = 92$

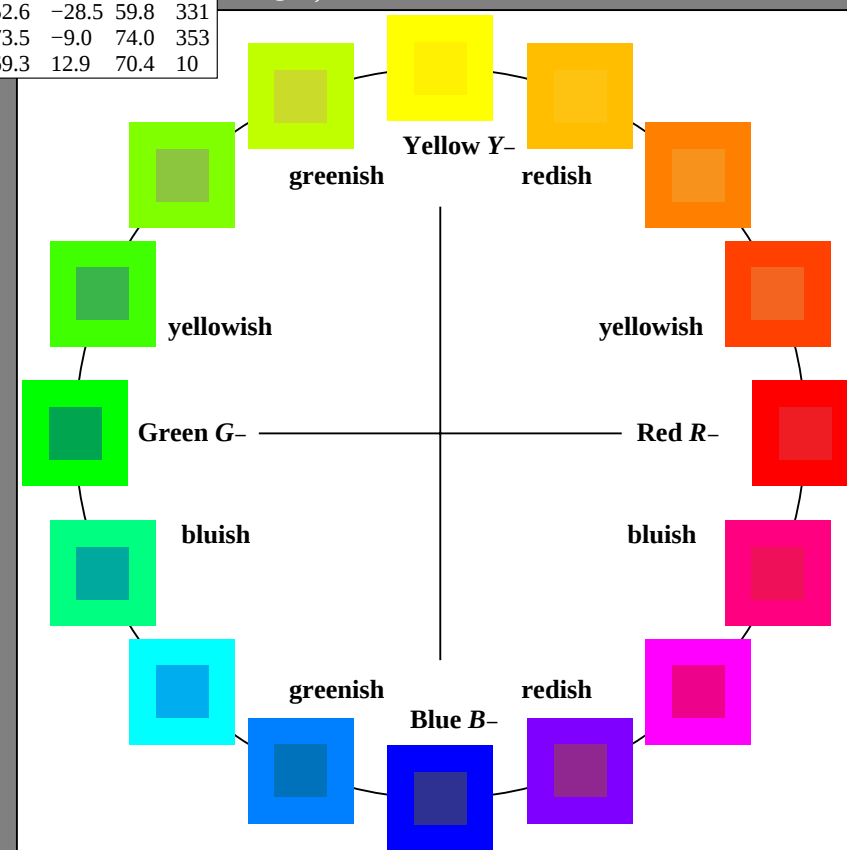
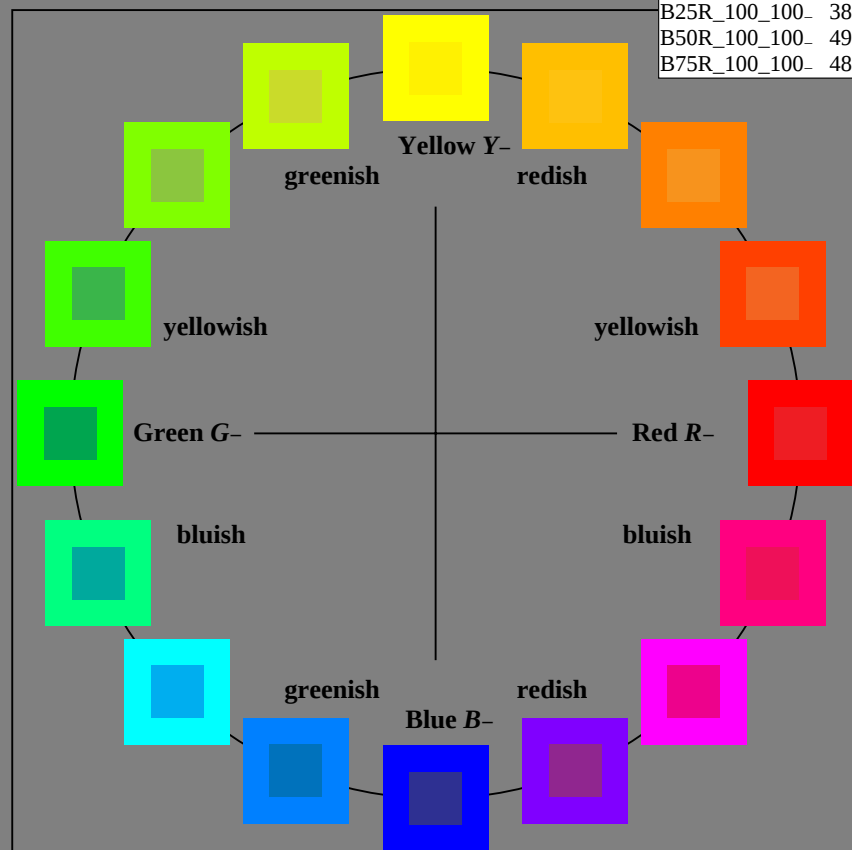
% Regularity

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

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

ORS18a; adapted (a) CIELAB data

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



1-113030-L0

SE030-7N

TUB-test chart SE03; 16 hues, offset standard paper APCO
Test chart according to DIN 33872

input: $rgb/cmyk \rightarrow rgb/cmyk$
output: no change

TUB registration: 20130201-SE03/SE03L0FA.TXT /.PS
application for measurement of offset print output

TUB material: code=rha4ta

Input and Output: Offset Reflective System ORS18a

Data for any device (d) or elementary (e) colour:

$$HIC_e^*$$

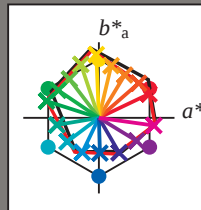
hue text for the colours

of this page:

$$H_e^* = R00Y_e, R25Y_e, \dots, B75R_e$$

ORS20a; adapted (a) CIELAB data

H_e^*	$L^*=L_a^* a_a^*$	b_a^*	$C_{ab,a}^*$	$h_{ab,a}^*$
R00Y_100_100_e	47.6	66.3	31.6	73.4
R25Y_100_100_e	53.4	52.6	45.8	69.7
R50Y_100_100_e	62.5	34.1	56.6	66.1
R75Y_100_100_e	72.7	16.2	69.0	70.9
Y00G_100_100_e	85.1	-3.3	83.7	83.7
Y25G_100_100_e	77.6	-23.7	70.5	74.4
Y50G_100_100_e	67.2	-38.9	51.1	64.2
Y75G_100_100_e	57.9	-53.6	36.3	64.8
G00B_100_100_e	51.7	-69.1	22.1	72.6
G25B_100_100_e	54.0	-55.4	-9.3	56.2
G50B_100_100_e	56.3	-41.9	-31.5	52.4
G75B_100_100_e	51.1	-21.9	-45.6	50.6
B00R_100_100_e	36.7	1.4	-46.6	46.6
B25R_100_100_e	26.2	26.8	-46.1	53.3
B50R_100_100_e	34.9	50.0	-30.5	58.6
B75R_100_100_e	47.3	72.7	-10.1	73.5



% Gamut

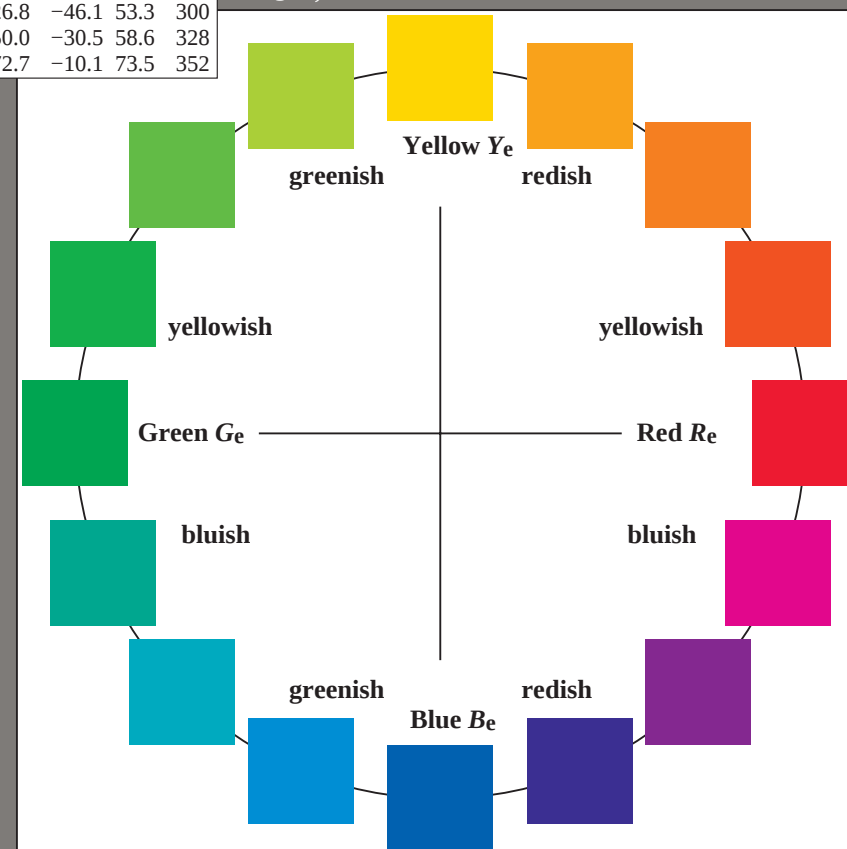
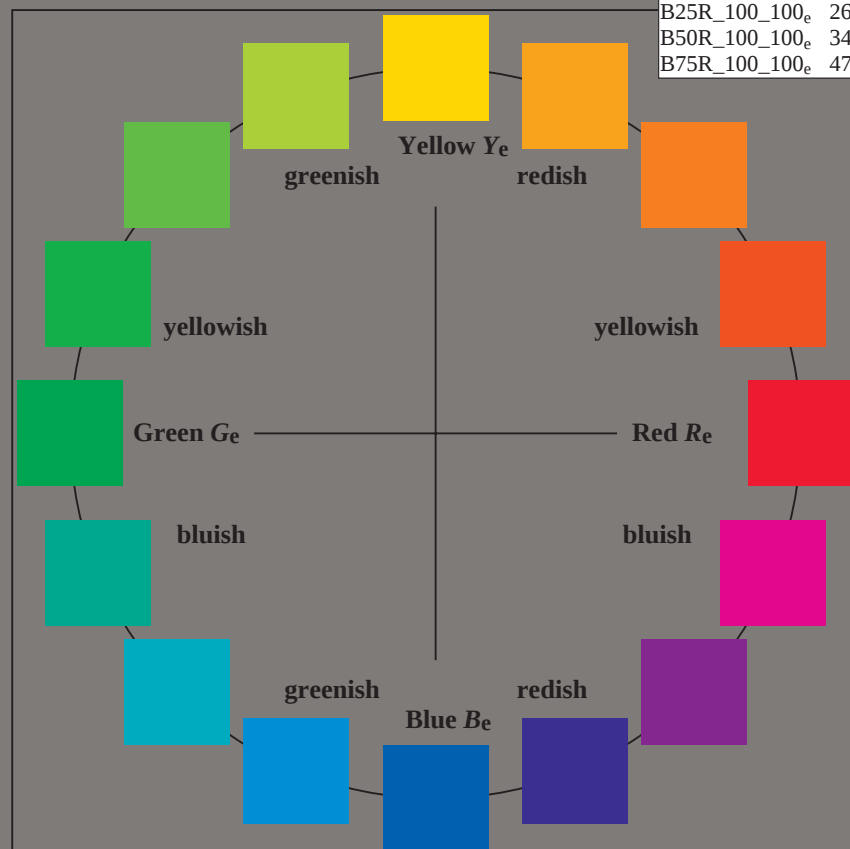
 $u^*_{rel} = 92$

% Regularity

 $g^*_{H,rel} = 57$ $g^*_{C,rel} = 58$

ORS20a; adapted (a) CIELAB data

Name	$L^*=L_a^* a_a^*$	b_a^*	$C_{ab,a}^*$	$h_{ab,a}^*$
R _e ,Ma	47.6	66.3	31.6	73.4
Y _e ,Ma	85.1	-3.3	83.7	83.7
G _e ,Ma	51.7	-69.1	22.1	72.6
C _e ,Ma	56.3	-41.9	-31.5	52.4
B _e ,Ma	36.7	1.4	-46.6	46.6
M _e ,Ma	34.9	50.0	-30.5	58.6
N _e ,Ma	18.5	0.0	0.0	0
W _e ,Ma	96.3	0.0	0.0	0
R _e ,CIE	39.9	58.7	27.9	65.0
Y _e ,CIE	81.2	-2.8	71.5	71.6
G _e ,CIE	52.2	-42.4	13.6	44.5
B _e ,CIE	30.5	1.4	-46.4	46.4



1-113130-L0

SE030-73

TUB-test chart SE03; 16 hues, offset standard paper APCO
Test chart according to DIN 33872, 3D=1, de=1, cmk^*

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