

http://130.149.60.45/~farbmeterik/PE86/PE86L0FA.TXT /.PS; start output
F: 3D-linearization PE86/PE86LE30FA.DAT in file (F), page 1/2

Input and Output: Offset Reflective System ORS18a

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

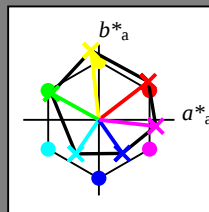
HIC^* -

hue text for the colours
of this page:

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

ORS20a; adapted (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
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

$u^*_{rel} = 92$

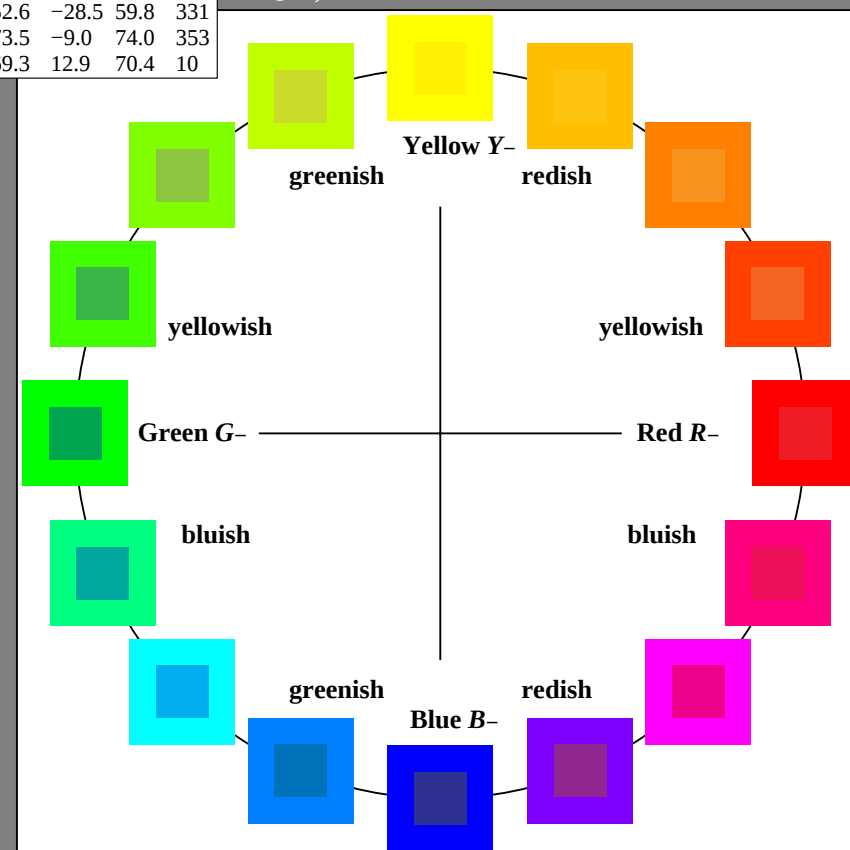
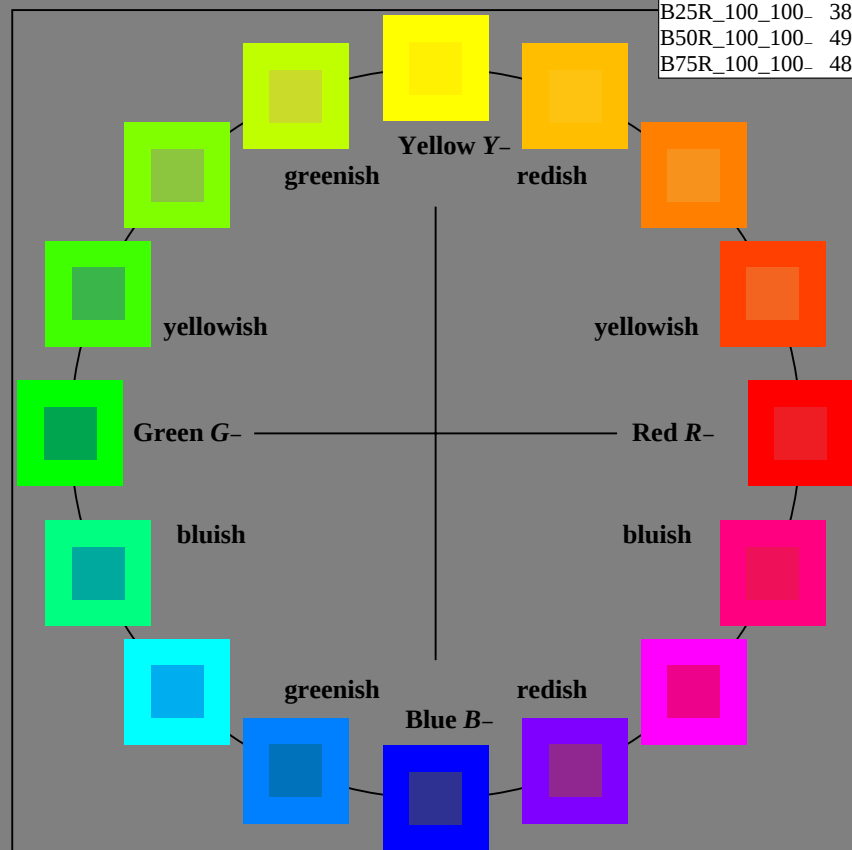
% Regularity

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

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

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



1-103031-L0 PE860-7N

TUB-test chart PE86; 16 step hue circle
Test chart according to DIN 33872, 3D=1, de=0, $cmY0^*$

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

TUB registration: 20150701-PE86/PE86L0FA.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:

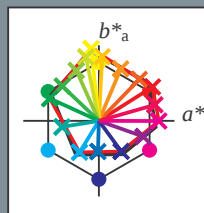
 HIC^*_d

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	45.4	70.9	44.8	83.9
R25Y_100_100_d	53.0	53.4	54.8	76.5
R50Y_100_100_d	64.9	28.9	68.6	74.5
R75Y_100_100_d	78.6	4.3	84.7	84.8
Y00G_100_100_d	87.8	-10.2	95.4	96.0
Y25G_100_100_d	81.2	-17.0	84.3	86.0
Y50G_100_100_d	70.6	-29.7	66.5	72.8
Y75G_100_100_d	57.9	-48.3	45.8	66.5
G00B_100_100_d	50.0	-65.0	29.6	71.4
G25B_100_100_d	52.9	-48.6	-8.0	49.3
G50B_100_100_d	56.8	-25.5	-41.5	48.7
G75B_100_100_d	41.7	-1.2	-40.6	40.6
B00R_100_100_d	25.0	29.5	-40.4	50.0
B25R_100_100_d	35.6	58.6	-20.7	62.1
B50R_100_100_d	46.1	79.3	-0.2	79.3
B75R_100_100_d	45.9	74.2	21.1	77.1



% Gamut

$u^*_{rel} = 92$

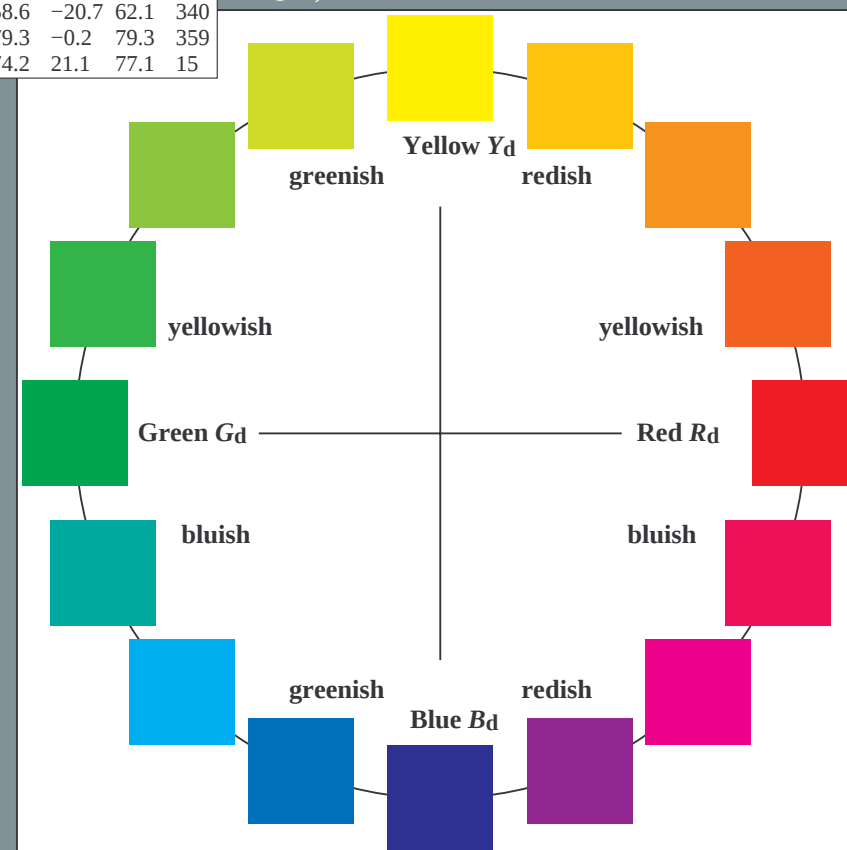
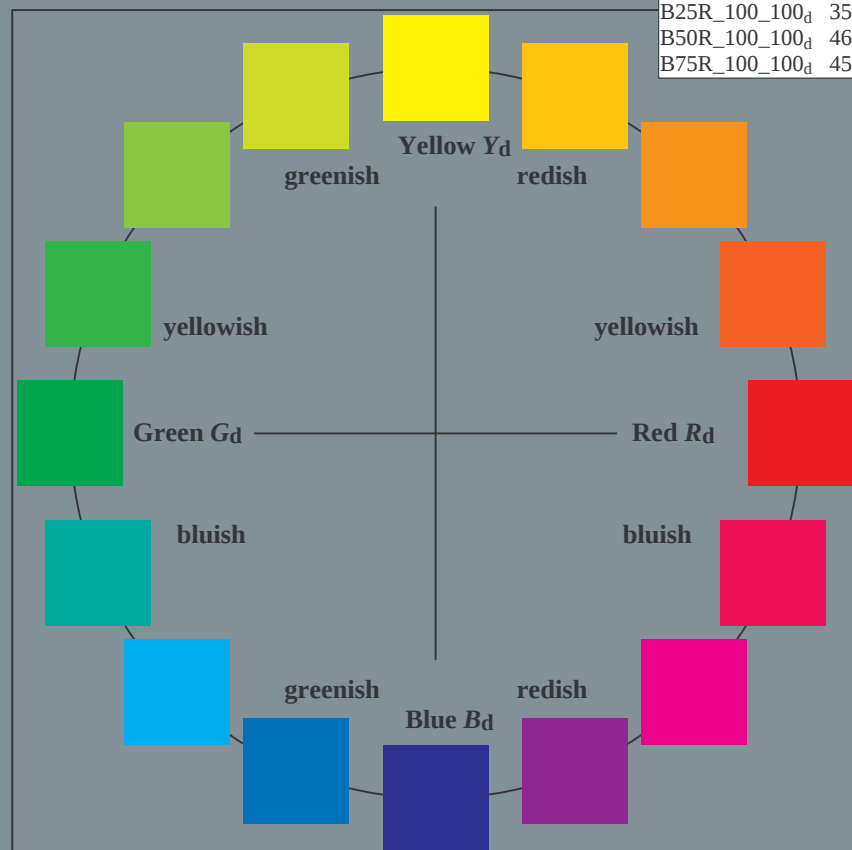
% Regularity

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

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

ORS20a; adapted (a) CIELAB data

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



1-103131-L0 PE860-72

TUB-test chart PE86; 16 step hue circle

Test chart according to DIN 33872, 3D=1, de=0, $cmY0^*$

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

output: 3D-linearization to $cmY0^*_{dd}$

http://130.149.60.45/~farbmeterik/PE86/PE86L0FA.TXT /.PS; start output
F: 3D-linearization PE86/PE86LE30FA.DAT in file (F), page 1/2

Input and Output: Offset Reflective System ORS18a

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

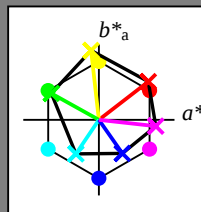
HIC^* -

hue text for the colours
of this page:

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

ORS20a; adapted (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
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

$u^*_{rel} = 92$

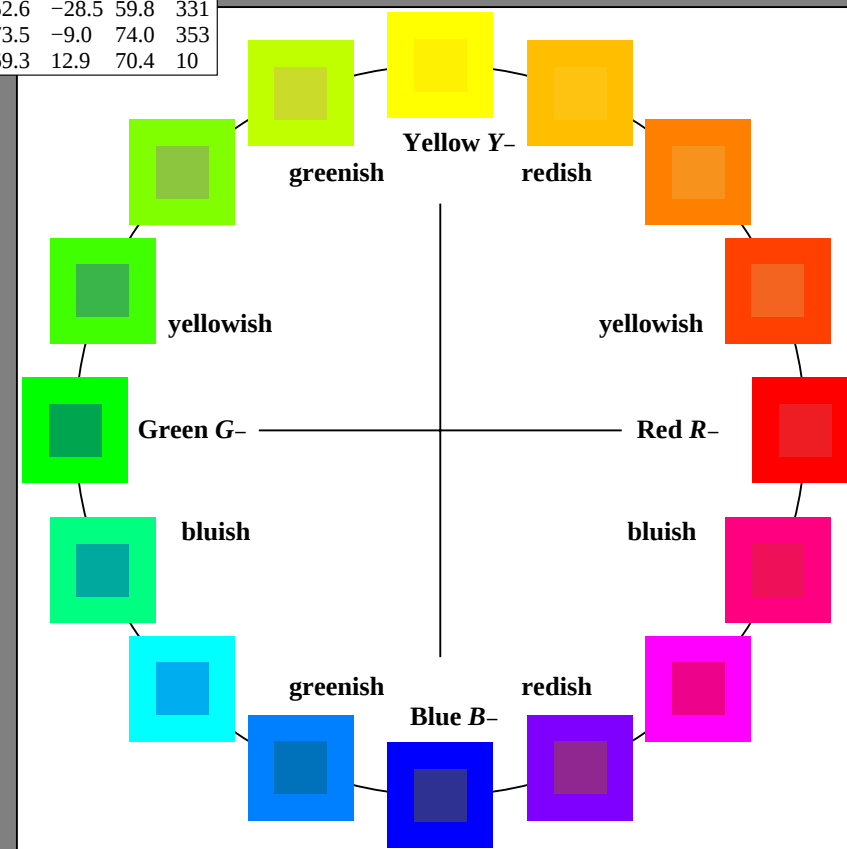
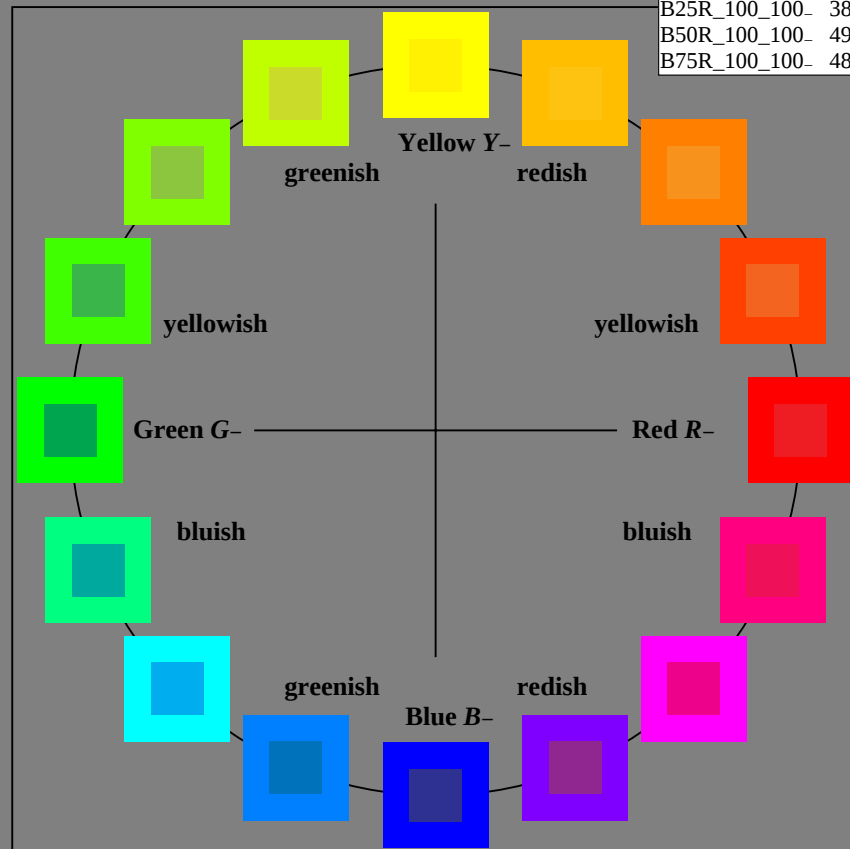
% Regularity

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

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

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



1-113031-L0 PE860-7N

TUB-test chart PE86; 16 step hue circle

Test chart according to DIN 33872, 3D=1, de=1, $cmY0^*$

input: $rgb/cmyk \rightarrow rgb/cmyk$

output: no change

http://130.149.60.45/~farbmetrik/PE86/PE86L0FA.TXT /.PS; 3D-linearization
F: 3D-linearization PE86/PE86LE30FA.DAT in file (F), page 2/2

Input and Output: Offset Reflective System ORS18a

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

HIC_e^*

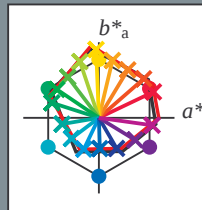
hue text for the colours

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	45.6	72.2	34.4	80.0
R25Y_100_100_e	50.5	59.2	51.6	78.6
R50Y_100_100_e	60.2	38.2	63.4	74.1
R75Y_100_100_e	70.9	17.9	75.9	77.9
Y00G_100_100_e	83.6	-3.6	90.4	90.4
Y25G_100_100_e	74.5	-25.0	74.3	78.4
Y50G_100_100_e	62.6	-40.9	53.8	67.6
Y75G_100_100_e	54.1	-55.5	37.5	67.0
G00B_100_100_e	50.6	-62.1	19.9	65.2
G25B_100_100_e	53.0	-48.6	-8.2	49.2
G50B_100_100_e	55.0	-36.2	-27.2	45.3
G75B_100_100_e	53.3	-19.8	-41.3	45.9
B00R_100_100_e	40.2	1.2	-40.6	40.6
B25R_100_100_e	28.1	23.4	-40.3	46.7
B50R_100_100_e	31.1	47.7	-29.1	55.9
B75R_100_100_e	41.4	70.4	-9.8	71.1



% Gamut

$u^*_{rel} = 92$

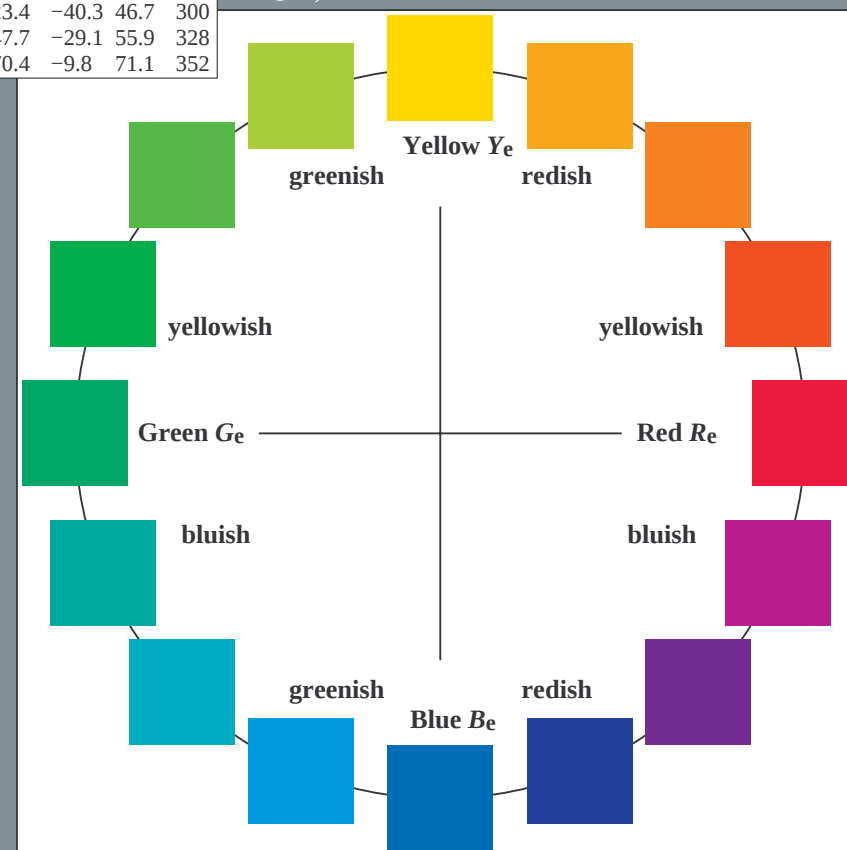
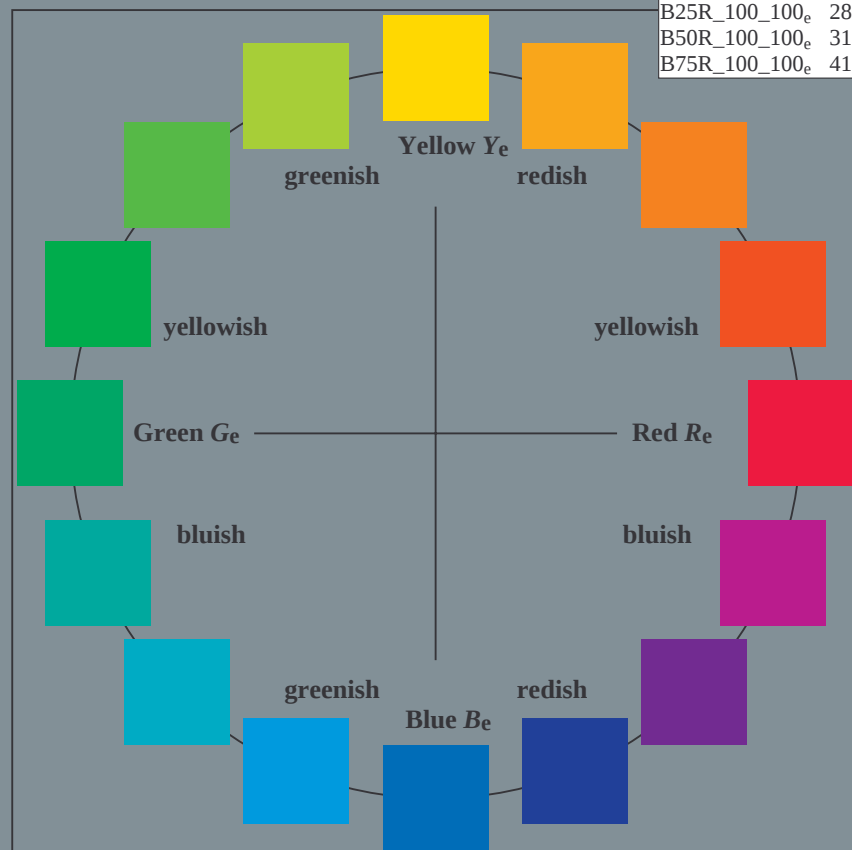
% Regularity

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

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

ORS20a; adapted (a) CIELAB data

name	$L^*=L_a^* a_a^*$	b_a^*	$C_{ab,a}^*$	$h_{ab,a}^*$
R _e ,Ma	45.6	72.2	34.4	80.0
Y _e ,Ma	83.6	-3.6	90.4	90.4
G _e ,Ma	50.6	-62.1	19.9	65.2
C _e ,Ma	55.0	-36.2	-27.2	45.3
B _e ,Ma	40.2	1.2	-40.6	40.6
M _e ,Ma	31.1	47.7	-29.1	55.9
N _e ,Ma	24.3	0.0	0.0	0.0
W _e ,Ma	95.6	0.0	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



1-113131-L0 PE860-73

TUB-test chart PE86; 16 step hue circle

Test chart according to DIN 33872, 3D=1, de=1, cmy0*

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

output: 3D-linearization to $cmy0^*_{de}$