

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:

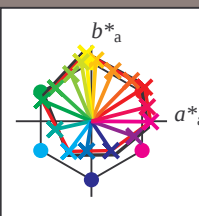
 $H^*_d = R00Y_d, R25Y_d, \dots, B75R_d$

ORS20a; adapted (a) CIELAB data

H^*_d	$L^*=L^*_a a^*_a$	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
R00Y_100_100_d	46.4	70.3	44.9	83.4
R25Y_100_100_d	54.2	52.8	53.7	75.3
R50Y_100_100_d	66.4	28.5	66.7	72.5
R75Y_100_100_d	79.7	5.8	81.0	81.2
Y00G_100_100_d	88.0	-6.8	89.7	90.0
Y25G_100_100_d	81.0	-13.5	78.3	79.5
Y50G_100_100_d	70.6	-26.9	62.2	67.8
Y75G_100_100_d	57.9	-47.3	43.7	64.5
G00B_100_100_d	49.6	-65.0	27.6	70.6
G25B_100_100_d	53.0	-48.2	-10.8	49.4
G50B_100_100_d	57.0	-29.7	-39.8	49.7
G75B_100_100_d	43.1	-6.3	-39.3	39.8
B00R_100_100_d	25.8	26.0	-38.7	46.7
B25R_100_100_d	36.7	56.5	-19.8	59.9
B50R_100_100_d	47.2	78.3	-0.6	78.3
B75R_100_100_d	46.7	74.0	19.0	76.4

ORS20a; adapted (a) CIELAB data

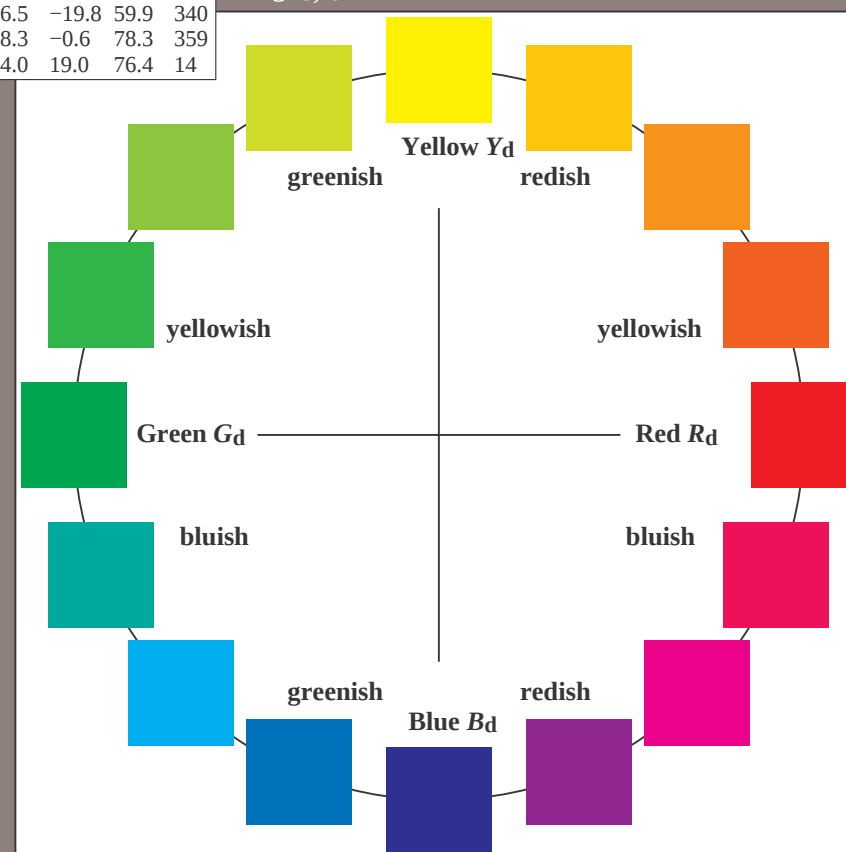
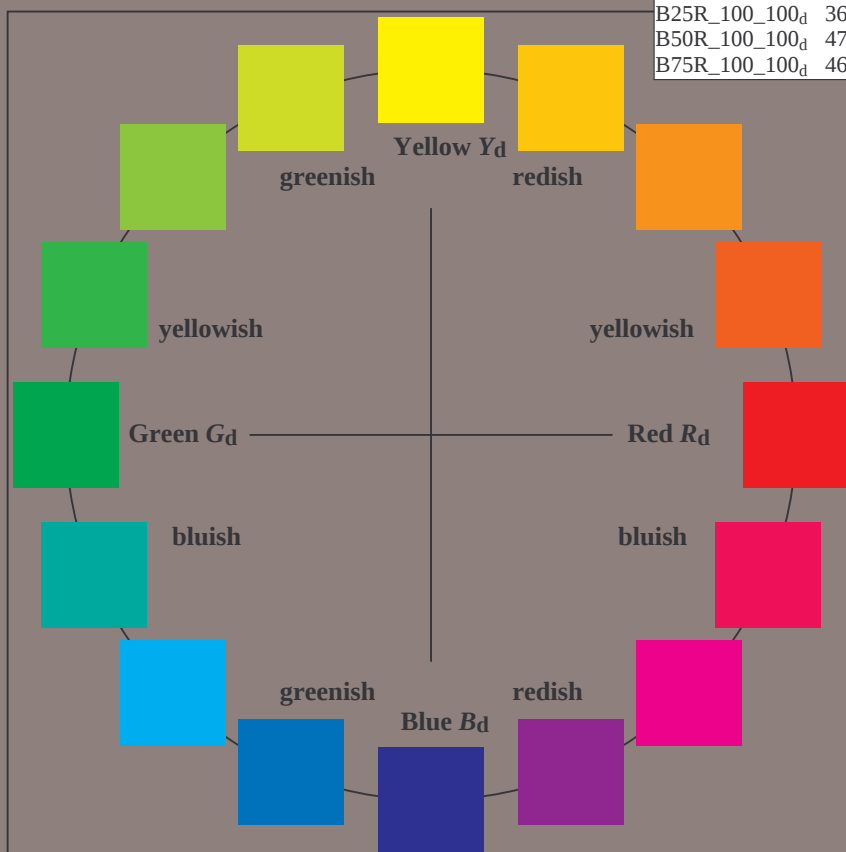
Name	$L^*=L^*_a a^*_a$	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
R _d ,Ma	46.4	70.3	44.9	83.4
Y _d ,Ma	88.0	-6.8	89.7	90.0
G _d ,Ma	49.6	-65.0	27.6	70.6
C _d ,Ma	57.0	-29.7	-39.8	49.7
B _d ,Ma	25.8	26.0	-38.7	46.7
M _d ,Ma	47.2	78.3	-0.6	78.3
N _d ,Ma	23.6	0.0	0.0	0
W _d ,Ma	96.4	0.0	0.0	0
R _d ,CIE	39.9	58.7	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



%Gamut

 $u^*_{rel} = 92$

%Regularity

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

SE060-70

TUB-test chart SE06; 16 hues, offset standard paper APCO

Test chart according to DIN 33872, 3D=0, de=0, cmY0

input: $rgb/cmyk \rightarrow rgb_d$ output: transfer to $cmy0_d$