

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:

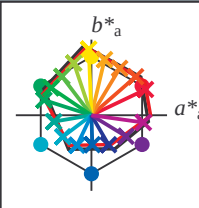
 $H_e^* = R00Y_e, R25Y_e, \dots, B75R_e$

ORS20a; adapted (a) CIELAB data

H_e^*	$L^*=L_a^* a_a^*$	b_a^*	$C_{ab,a}^*$	$h_{ab,a}^*$
R00Y_100_100_e	46.6	71.5	34.1	79.2
R25Y_100_100_e	51.6	58.4	50.9	77.5
R50Y_100_100_e	61.7	37.4	61.9	72.4
R75Y_100_100_e	72.7	17.3	73.6	75.6
Y00G_100_100_e	85.8	-3.5	87.4	87.5
Y25G_100_100_e	74.0	-23.2	68.9	72.7
Y50G_100_100_e	62.6	-38.9	51.2	64.3
Y75G_100_100_e	54.4	-53.3	36.0	64.3
G00B_100_100_e	50.3	-62.6	20.1	65.8
G25B_100_100_e	52.7	-49.8	-8.4	50.5
G50B_100_100_e	55.4	-37.8	-28.4	47.3
G75B_100_100_e	50.5	-19.0	-39.7	44.0
B00R_100_100_e	38.7	1.1	-38.9	38.9
B25R_100_100_e	27.4	22.6	-38.9	45.1
B50R_100_100_e	31.5	45.7	-27.9	53.5
B75R_100_100_e	41.9	68.7	-9.5	69.4

ORS20a; adapted (a) CIELAB data

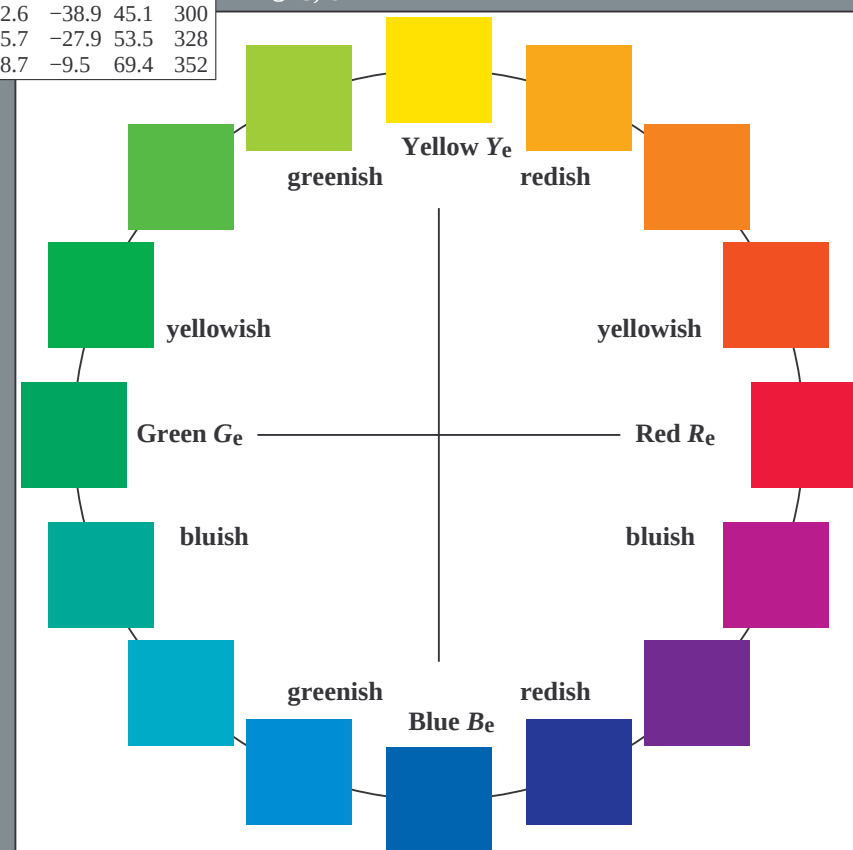
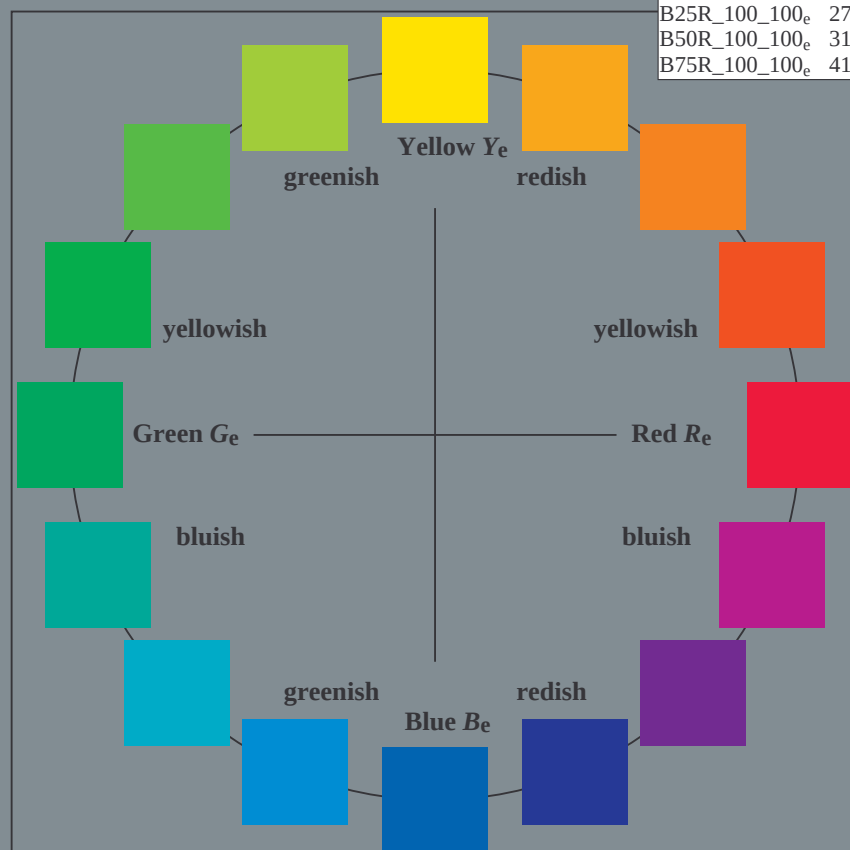
Name	$L^*=L_a^* a_a^*$	b_a^*	$C_{ab,a}^*$	$h_{ab,a}^*$
R_e, Ma	46.6	71.5	34.1	79.2
Y_e, Ma	85.8	-3.5	87.4	87.5
G_e, Ma	50.3	-62.6	20.1	65.8
C_e, Ma	55.4	-37.8	-28.4	47.3
B_e, Ma	38.7	1.1	-38.9	38.9
M_e, Ma	31.5	45.7	-27.9	53.5
N_e, Ma	23.6	0.0	0.0	0
W_e, Ma	96.4	0.0	0.0	0
R_e, CIE	39.9	58.7	27.9	65.0
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



%Gamut

 $u_{rel}^* = 92$

%Regularity

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

SE060-73

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

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

input: $rgb/cmyk \rightarrow rgb_{de}$ output: 3D-linearization to $cmY0^*_{de}$