

Input and Output: Offset Reflective System ORS18a for relative CIELAB hue $h_{ab,a,rel} = h_{ab}/360 = 331/360 = 0.92$

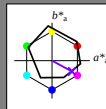
Data for any device (d) or elementary (e) colour:

HIC^*_-

hue text for the colours of this page:

$H^*_- = B25R_-$

triangle lightness T^*



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	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

Data for maximum colour (Ma):

$LabCh^*_-Ma$: 38 52 -28 59 331

HIC^*_-Ma : B25R_100_100

$rgbic^*_-Ma$:

0.5 0.0 1.0 1.0 1.0

triangle lightness T^*

%Gamut

$u^*_{rel} = 92$

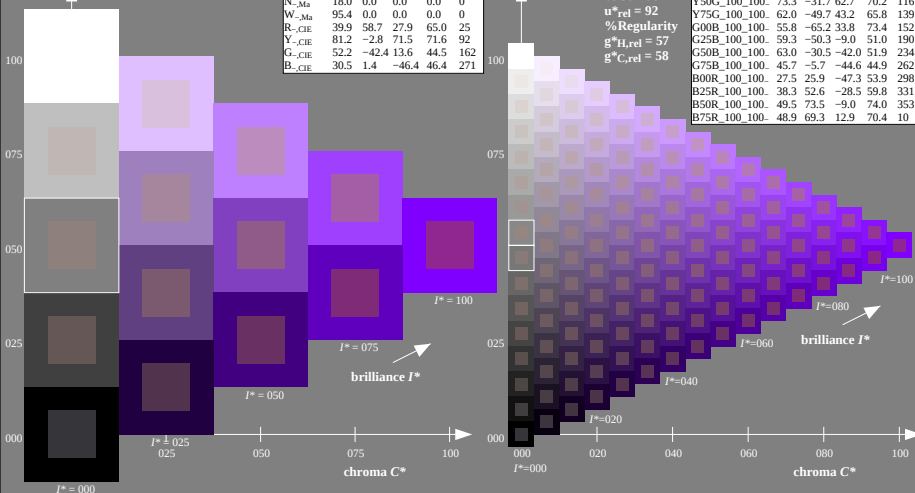
%Regularity

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

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

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	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



TUB-test chart RE23; hue code: $H^*_-B25R_-$
Test chart according to DIN 33872, 3D=0, de=0, cmky

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