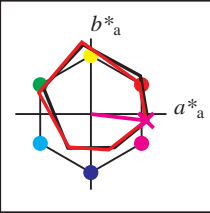


Input and Output: Offset Reflective System ORS18a for relative CIELAB hue  $h_{ab,a,rel} = h_{ab}/360 = 353/360 = 0.98$

$H^*_d = B50R_d$

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

$HIC^*_d$   
hue text for the colours of this page:  
 $H^*_d = B50R_d$   
triangle lightness  $T^*$



**ORS20a; adapted (a) CIELAB data**

name	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$
R <sub>d, Ma</sub>	47.3	63.8	41.2	76.0	32
Y <sub>d, Ma</sub>	88.3	-11.9	95.1	95.8	97
G <sub>d, Ma</sub>	51.9	-68.8	28.1	74.3	157
C <sub>d, Ma</sub>	58.3	-29.2	-43.7	52.6	236
B <sub>d, Ma</sub>	25.3	23.5	-47.3	52.8	296
M <sub>d, Ma</sub>	48.2	72.8	-8.5	73.3	353
N <sub>d, Ma</sub>	17.7	0.0	0.0	0.0	0
W <sub>d, Ma</sub>	95.4	0.0	0.0	0.0	0
R <sub>d, CIE</sub>	39.9	58.7	27.9	65.0	25
Y <sub>d, CIE</sub>	81.2	-2.8	71.5	71.6	92
G <sub>d, CIE</sub>	52.2	-42.4	13.6	44.5	162
B <sub>d, CIE</sub>	30.5	1.4	-46.4	46.4	271

Data for maximum colour (Ma):

$LabCh^*_{d, Ma}: 48\ 72\ -8\ 73\ 353$

$HIC^*_{d, Ma}: B50R\_100\_100_d$

$rgbic^*_{d, Ma}:$

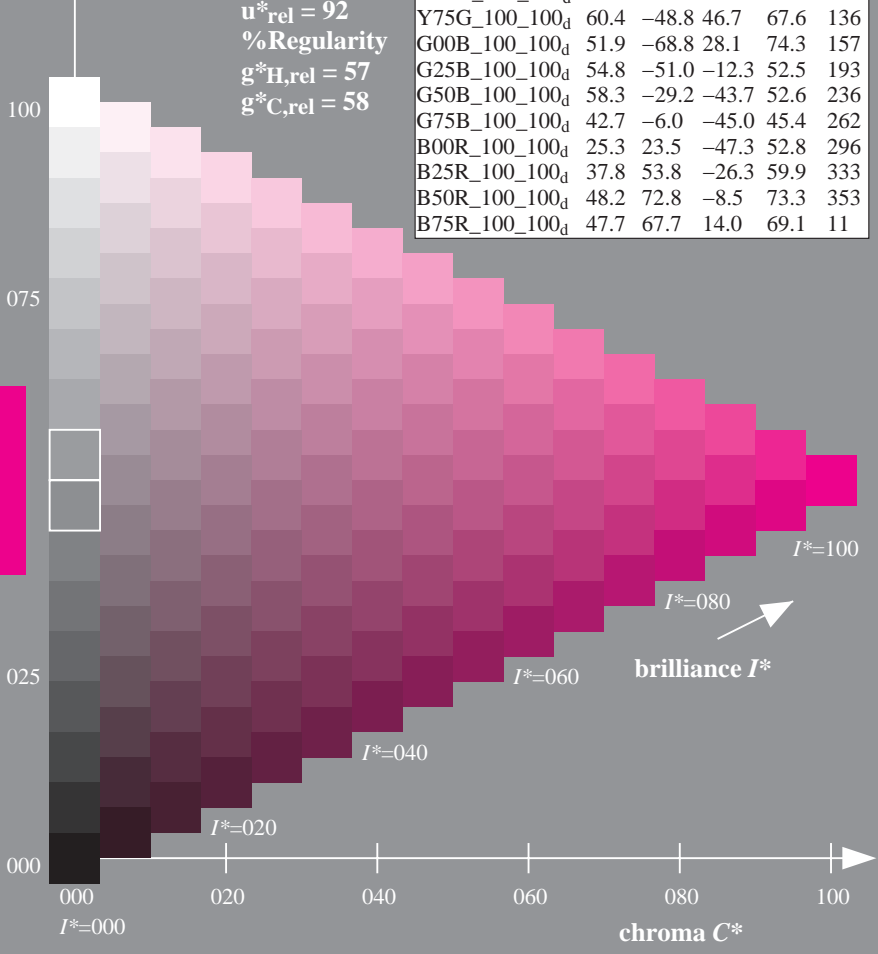
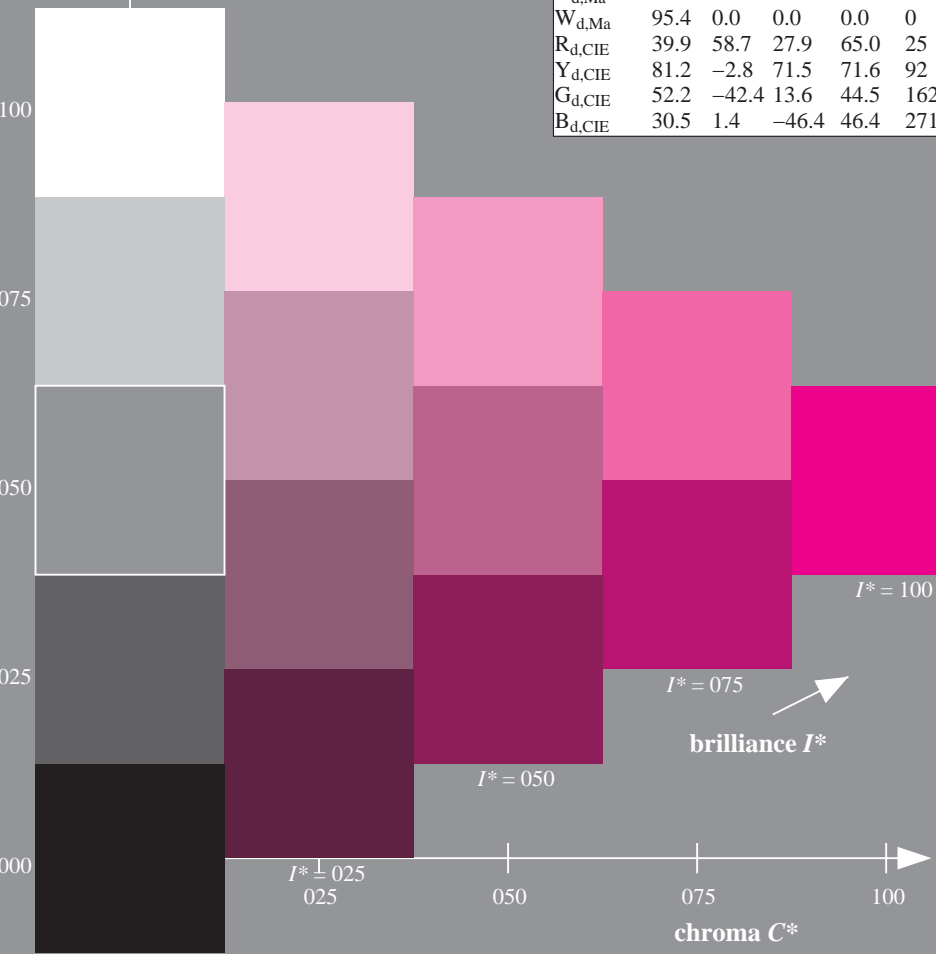
1.0 0.0 1.0 1.0 1.0

triangle lightness  $T^*$

% Gamut  
 $u^*_{rel} = 92$   
% Regularity  
 $g^*_{H, rel} = 57$   
 $g^*_{C, rel} = 58$

**ORS20a; adapted (a) CIELAB data**

$H^*_d$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$
R00Y_100_100 <sub>d</sub>	47.3	63.8	41.2	76.0	32
R25Y_100_100 <sub>d</sub>	55.3	45.8	52.2	69.5	48
R50Y_100_100 <sub>d</sub>	67.2	22.6	67.6	71.2	71
R75Y_100_100 <sub>d</sub>	79.9	1.0	83.9	83.9	89
Y00G_100_100 <sub>d</sub>	88.3	-11.9	95.1	95.8	97
Y25G_100_100 <sub>d</sub>	83.3	-19.2	83.7	85.9	102
Y50G_100_100 <sub>d</sub>	72.7	-31.3	66.0	73.1	115
Y75G_100_100 <sub>d</sub>	60.4	-48.8	46.7	67.6	136
G00B_100_100 <sub>d</sub>	51.9	-68.8	28.1	74.3	157
G25B_100_100 <sub>d</sub>	54.8	-51.0	-12.3	52.5	193
G50B_100_100 <sub>d</sub>	58.3	-29.2	-43.7	52.6	236
G75B_100_100 <sub>d</sub>	42.7	-6.0	-45.0	45.4	262
B00R_100_100 <sub>d</sub>	25.3	23.5	-47.3	52.8	296
B25R_100_100 <sub>d</sub>	37.8	53.8	-26.3	59.9	333
B50R_100_100 <sub>d</sub>	48.2	72.8	-8.5	73.3	353
B75R_100_100 <sub>d</sub>	47.7	67.7	14.0	69.1	11

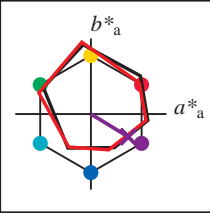


Input and Output: Offset Reflective System ORS18a for relative CIELAB hue  $h_{ab,a,rel} = h_{ab}/360 = 328/360 = 0.91$

$H^*_e = B50R_e$

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

$HIC^*_e$   
hue text for the colours of this page:  
 $H^*_e = B50R_e$   
triangle lightness  $T^*$



**ORS20a; adapted (a) CIELAB data**

name	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$
R <sub>e</sub> ,Ma	47.6	64.9	30.9	71.9	25
Y <sub>e</sub> ,Ma	82.9	-3.5	87.8	87.9	92
G <sub>e</sub> ,Ma	52.4	-67.1	21.5	70.5	162
C <sub>e</sub> ,Ma	56.6	-39.7	-29.9	49.8	216
B <sub>e</sub> ,Ma	37.9	1.3	-45.4	45.4	271
M <sub>e</sub> ,Ma	34.8	49.2	-30.0	57.7	328
N <sub>e</sub> ,Ma	17.7	0.0	0.0	0.0	0
W <sub>e</sub> ,Ma	95.4	0.0	0.0	0.0	0
R <sub>e</sub> ,CIE	39.9	58.7	27.9	65.0	25
Y <sub>e</sub> ,CIE	81.2	-2.8	71.5	71.6	92
G <sub>e</sub> ,CIE	52.2	-42.4	13.6	44.5	162
B <sub>e</sub> ,CIE	30.5	1.4	-46.4	46.4	271

Data for maximum colour (Ma):

$LabCh^*_{e, Ma} : 34\ 49\ -30\ 57\ 328$

$HIC^*_{e, Ma} : B50R\_100\_100_e$

$rgbic^*_{e, Ma} :$

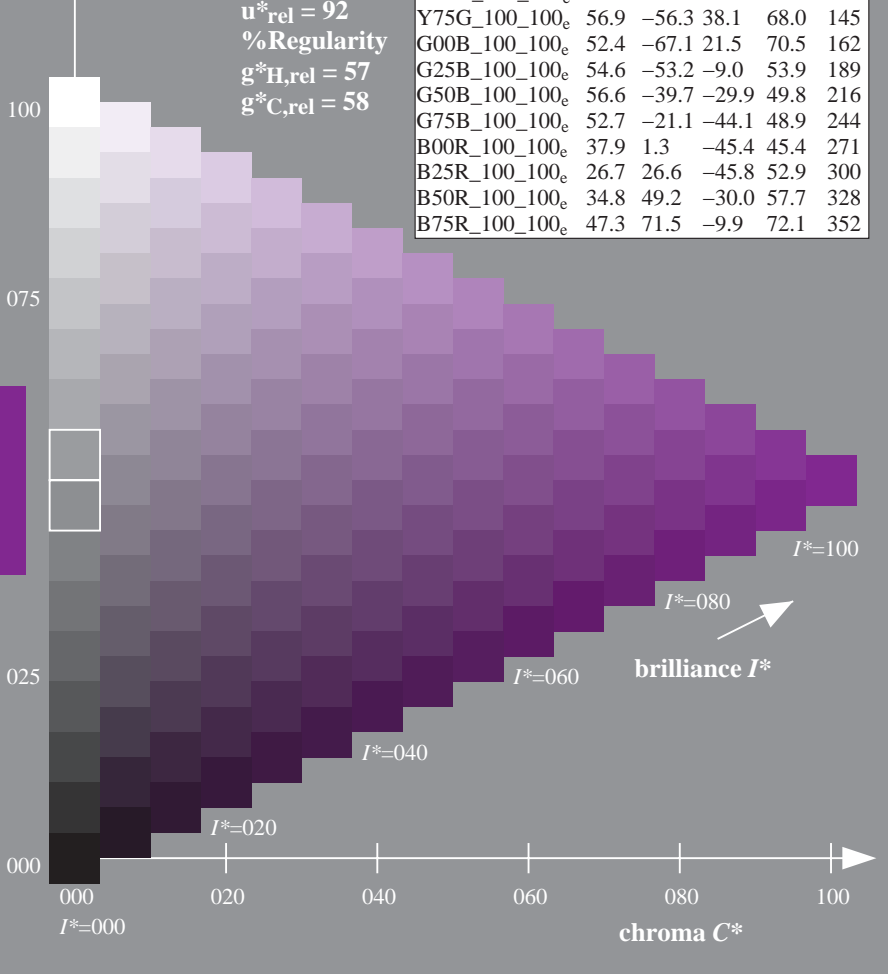
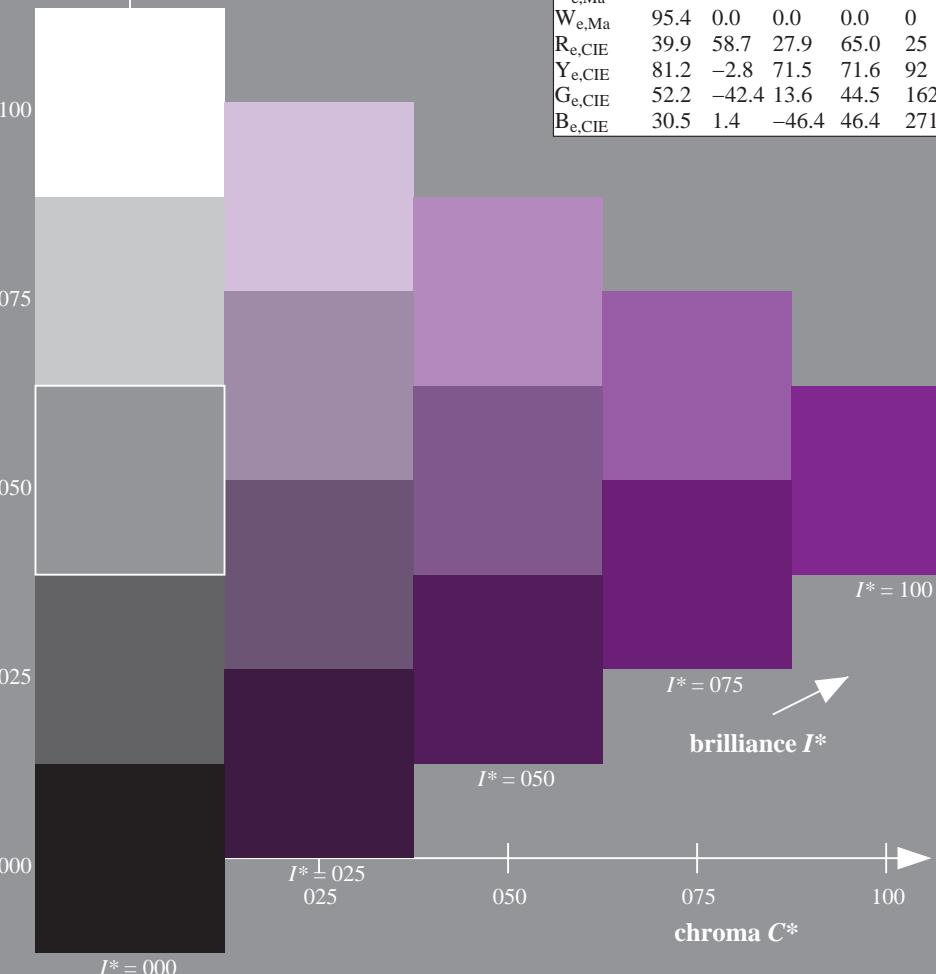
0.4 0.0 1.0 1.0 1.0

triangle lightness  $T^*$

%Gamut  
 $u^*_{rel} = 92$   
%Regularity  
 $g^*_{H,rel} = 57$   
 $g^*_{C,rel} = 58$

**ORS20a; adapted (a) CIELAB data**

$H^*_e$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$
R00Y_100_100 <sub>e</sub>	47.6	64.9	30.9	71.9	25
R25Y_100_100 <sub>e</sub>	51.5	54.2	47.2	71.9	41
R50Y_100_100 <sub>e</sub>	60.3	35.6	59.0	68.9	58
R75Y_100_100 <sub>e</sub>	70.4	17.0	72.2	74.1	76
Y00G_100_100 <sub>e</sub>	82.9	-3.5	87.8	87.9	92
Y25G_100_100 <sub>e</sub>	76.9	-25.5	75.9	80.1	108
Y50G_100_100 <sub>e</sub>	65.8	-41.4	54.4	68.3	127
Y75G_100_100 <sub>e</sub>	56.9	-56.3	38.1	68.0	145
G00B_100_100 <sub>e</sub>	52.4	-67.1	21.5	70.5	162
G25B_100_100 <sub>e</sub>	54.6	-53.2	-9.0	53.9	189
G50B_100_100 <sub>e</sub>	56.6	-39.7	-29.9	49.8	216
G75B_100_100 <sub>e</sub>	52.7	-21.1	-44.1	48.9	244
B00R_100_100 <sub>e</sub>	37.9	1.3	-45.4	45.4	271
B25R_100_100 <sub>e</sub>	26.7	26.6	-45.8	52.9	300
B50R_100_100 <sub>e</sub>	34.8	49.2	-30.0	57.7	328
B75R_100_100 <sub>e</sub>	47.3	71.5	-9.9	72.1	352

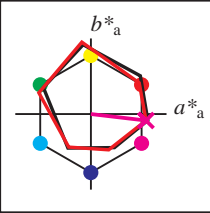


Input and Output: Offset Reflective System ORS18a for relative CIELAB hue  $h_{ab,a,rel} = h_{ab}/360 = 353/360 = 0.98$

$H^*_d = B50R_d$

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

$HIC^*_d$   
hue text for the colours of this page:  
 $H^*_d = B50R_d$   
triangle lightness  $T^*$



**ORS20a; adapted (a) CIELAB data**

name	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$
R <sub>d, Ma</sub>	47.3	63.8	41.2	76.0	32
Y <sub>d, Ma</sub>	88.3	-11.9	95.1	95.8	97
G <sub>d, Ma</sub>	51.9	-68.8	28.1	74.3	157
C <sub>d, Ma</sub>	58.3	-29.2	-43.7	52.6	236
B <sub>d, Ma</sub>	25.3	23.5	-47.3	52.8	296
M <sub>d, Ma</sub>	48.2	72.8	-8.5	73.3	353
N <sub>d, Ma</sub>	17.7	0.0	0.0	0.0	0
W <sub>d, Ma</sub>	95.4	0.0	0.0	0.0	0
R <sub>d, CIE</sub>	39.9	58.7	27.9	65.0	25
Y <sub>d, CIE</sub>	81.2	-2.8	71.5	71.6	92
G <sub>d, CIE</sub>	52.2	-42.4	13.6	44.5	162
B <sub>d, CIE</sub>	30.5	1.4	-46.4	46.4	271

Data for maximum colour (Ma):

$LabCh^*_{d, Ma}$ : 48 72 -8 73 353

$HIC^*_{d, Ma}$ : B50R\_100\_100<sub>d</sub>

$rgbic^*_{d, Ma}$ :

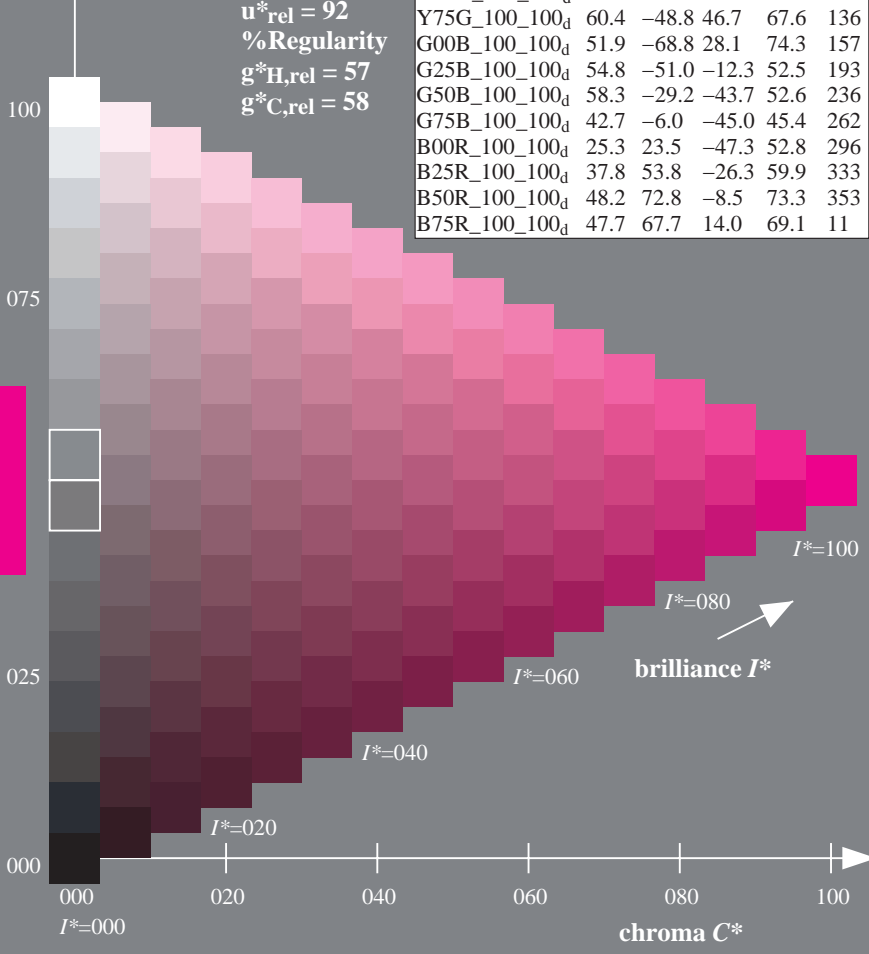
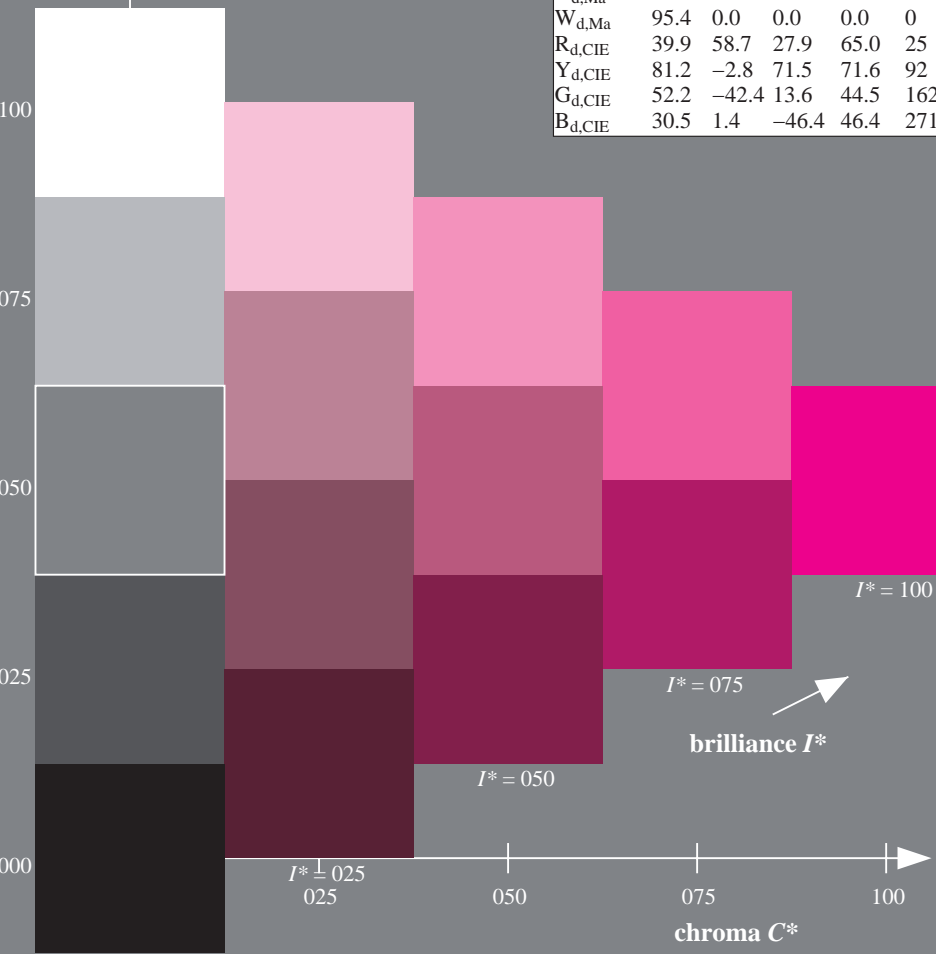
1.0 0.0 1.0 1.0 1.0

triangle lightness  $T^*$

%Gamut  
 $u^*_{rel} = 92$   
%Regularity  
 $g^*_{H, rel} = 57$   
 $g^*_{C, rel} = 58$

**ORS20a; adapted (a) CIELAB data**

$H^*_d$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$
R00Y_100_100 <sub>d</sub>	47.3	63.8	41.2	76.0	32
R25Y_100_100 <sub>d</sub>	55.3	45.8	52.2	69.5	48
R50Y_100_100 <sub>d</sub>	67.2	22.6	67.6	71.2	71
R75Y_100_100 <sub>d</sub>	79.9	1.0	83.9	83.9	89
Y00G_100_100 <sub>d</sub>	88.3	-11.9	95.1	95.8	97
Y25G_100_100 <sub>d</sub>	83.3	-19.2	83.7	85.9	102
Y50G_100_100 <sub>d</sub>	72.7	-31.3	66.0	73.1	115
Y75G_100_100 <sub>d</sub>	60.4	-48.8	46.7	67.6	136
G00B_100_100 <sub>d</sub>	51.9	-68.8	28.1	74.3	157
G25B_100_100 <sub>d</sub>	54.8	-51.0	-12.3	52.5	193
G50B_100_100 <sub>d</sub>	58.3	-29.2	-43.7	52.6	236
G75B_100_100 <sub>d</sub>	42.7	-6.0	-45.0	45.4	262
B00R_100_100 <sub>d</sub>	25.3	23.5	-47.3	52.8	296
B25R_100_100 <sub>d</sub>	37.8	53.8	-26.3	59.9	333
B50R_100_100 <sub>d</sub>	48.2	72.8	-8.5	73.3	353
B75R_100_100 <sub>d</sub>	47.7	67.7	14.0	69.1	11

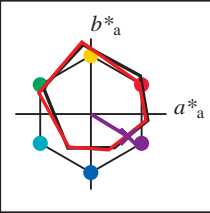


Input and Output: Offset Reflective System ORS18a for relative CIELAB hue  $h_{ab,a,rel} = h_{ab}/360 = 328/360 = 0.91$

$H^*_e = B50R_e$

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

$HIC^*_e$   
hue text for the colours of this page:  
 $H^*_e = B50R_e$   
triangle lightness  $T^*$



**ORS20a; adapted (a) CIELAB data**

name	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$
R <sub>e</sub> ,Ma	47.6	64.9	30.9	71.9	25
Y <sub>e</sub> ,Ma	82.9	-3.5	87.8	87.9	92
G <sub>e</sub> ,Ma	52.4	-67.1	21.5	70.5	162
C <sub>e</sub> ,Ma	56.6	-39.7	-29.9	49.8	216
B <sub>e</sub> ,Ma	37.9	1.3	-45.4	45.4	271
M <sub>e</sub> ,Ma	34.8	49.2	-30.0	57.7	328
N <sub>e</sub> ,Ma	17.7	0.0	0.0	0.0	0
W <sub>e</sub> ,Ma	95.4	0.0	0.0	0.0	0
R <sub>e</sub> ,CIE	39.9	58.7	27.9	65.0	25
Y <sub>e</sub> ,CIE	81.2	-2.8	71.5	71.6	92
G <sub>e</sub> ,CIE	52.2	-42.4	13.6	44.5	162
B <sub>e</sub> ,CIE	30.5	1.4	-46.4	46.4	271

Data for maximum colour (Ma):

$LabCh^*_{e, Ma}: 34\ 49\ -30\ 57\ 328$

$HIC^*_{e, Ma}: B50R\_100\_100_e$

$rgbic^*_{e, Ma}$ :

0.4 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**

$H^*_e$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$
R00Y_100_100 <sub>e</sub>	47.6	64.9	30.9	71.9	25
R25Y_100_100 <sub>e</sub>	51.5	54.2	47.2	71.9	41
R50Y_100_100 <sub>e</sub>	60.3	35.6	59.0	68.9	58
R75Y_100_100 <sub>e</sub>	70.4	17.0	72.2	74.1	76
Y00G_100_100 <sub>e</sub>	82.9	-3.5	87.8	87.9	92
Y25G_100_100 <sub>e</sub>	76.9	-25.5	75.9	80.1	108
Y50G_100_100 <sub>e</sub>	65.8	-41.4	54.4	68.3	127
Y75G_100_100 <sub>e</sub>	56.9	-56.3	38.1	68.0	145
G00B_100_100 <sub>e</sub>	52.4	-67.1	21.5	70.5	162
G25B_100_100 <sub>e</sub>	54.6	-53.2	-9.0	53.9	189
G50B_100_100 <sub>e</sub>	56.6	-39.7	-29.9	49.8	216
G75B_100_100 <sub>e</sub>	52.7	-21.1	-44.1	48.9	244
B00R_100_100 <sub>e</sub>	37.9	1.3	-45.4	45.4	271
B25R_100_100 <sub>e</sub>	26.7	26.6	-45.8	52.9	300
B50R_100_100 <sub>e</sub>	34.8	49.2	-30.0	57.7	328
B75R_100_100 <sub>e</sub>	47.3	71.5	-9.9	72.1	352

