

Input and Output: Offset Reflective System ORS18a for relative CIELAB hue  $h_{ab,a,rel} = h_{ab}/360 = 46/360 = 0.12$

$H^*_ = R25Y_$

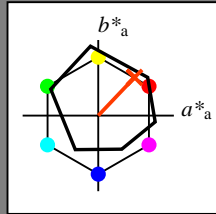
Data for any device (d) or elementary (e) colour:

$HIC^*_$

hue text for the colours of this page:

$H^*_ = R25Y_$

triangle lightness  $T^*$



**ORS18a; adapted (a) CIELAB data**

name	$L^*=L^*_a a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$	
R <sub>-,Ma</sub>	47.9	65.3	50.5	82.6	37
Y <sub>-,Ma</sub>	90.3	-10.2	91.7	92.3	96
G <sub>-,Ma</sub>	50.9	-62.8	34.9	71.9	150
C <sub>-,Ma</sub>	58.6	-30.3	-45.0	54.2	236
B <sub>-,Ma</sub>	25.7	31.0	-44.4	54.2	305
M <sub>-,Ma</sub>	48.1	75.2	-8.3	75.7	353
N <sub>-,Ma</sub>	18.0	0.0	0.0	0.0	0
W <sub>-,Ma</sub>	95.4	0.0	0.0	0.0	0
R <sub>-,CIE</sub>	39.9	58.7	27.9	65.0	25
Y <sub>-,CIE</sub>	81.2	-2.8	71.5	71.6	92
G <sub>-,CIE</sub>	52.2	-42.4	13.6	44.5	162
B <sub>-,CIE</sub>	30.5	1.4	-46.4	46.4	271

Data for maximum colour (Ma):

$LabCh^*_{-,Ma}: 56\ 48\ 50\ 69\ 46$

$HIC^*_{-,Ma}: R25Y_{100}\ 100_$

$rgbic^*_{-,Ma}: 1.0\ 0.23\ 0.0\ 1.0\ 1.0$

triangle lightness  $T^*$

**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

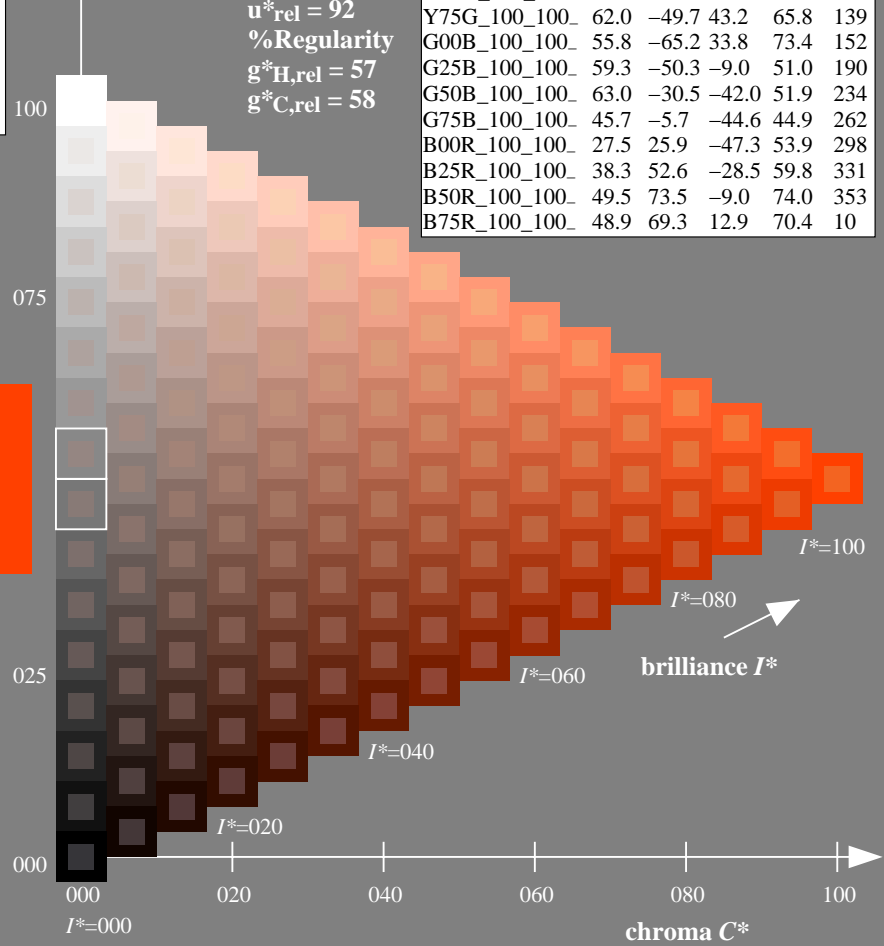
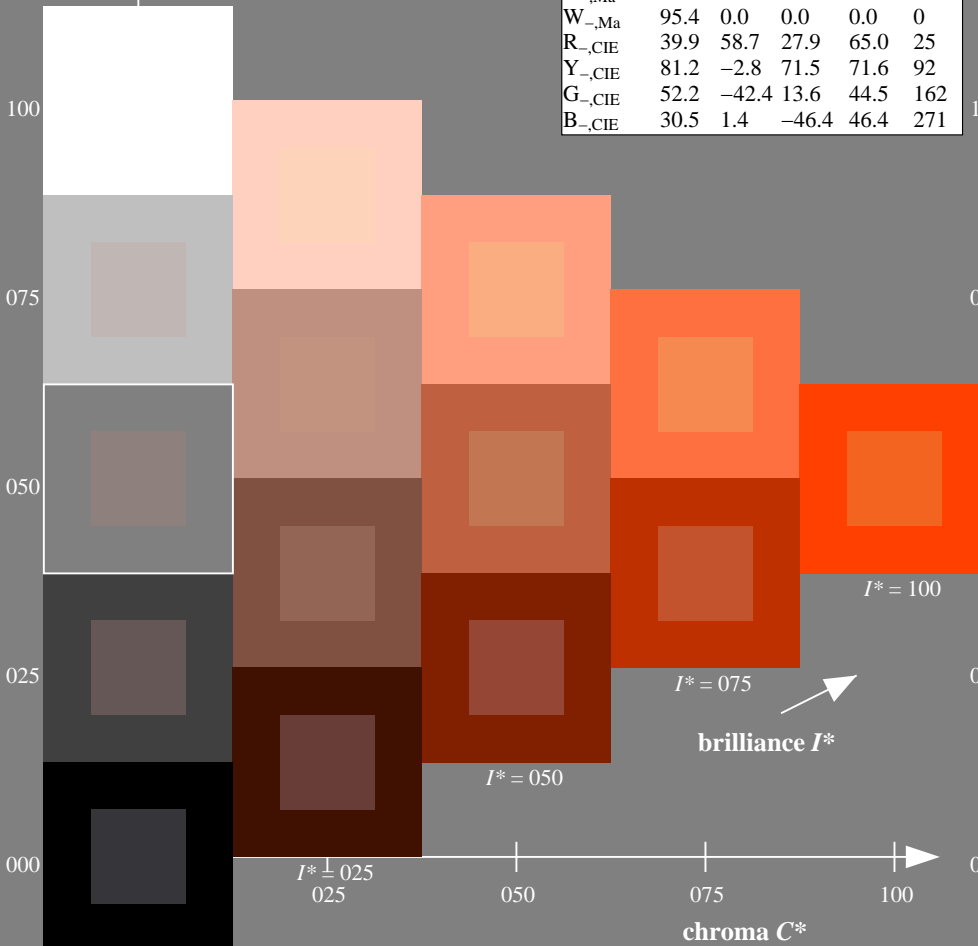
%Gamut

$u^*_{rel} = 92$

%Regularity

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

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



see similar files: <http://130.149.60.45/~farbmetrik/QE06/QE06L0NP.PDF> /PS  
technical information: <http://www.ps.bam.de> or <http://130.149.60.45/~farbmetrik>

TUB registration: 20130201-QE06/QE06L0NP.PDF /PS  
application for measurement of offset print output

TUB material: code=thadata

1-003031-L0 QE060-7N

TUB-test chart QE06; hue code:  $H^*_ = R25Y_$   
Test chart according to DIN 33872, 3D=0, de=0,  $cmY0$

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