

Input and Output: Offset Reflective System ORS18a for relative CIELAB hue $h_{ab,a,rel} = h_{ab}/360 = 11/360 = 0.03$

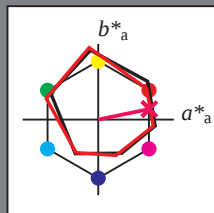
Data for any device (d) or elementary (e) colour:

HIC^*_d

hue text for the colours of this page:

$H^*_d = B75R_d$

triangle lightness T^*



ORS20a; adapted (a) CIELAB data

name	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
$R_{d,Ma}$	47.3	63.8	41.2	76.0	32
$Y_{d,Ma}$	88.3	-11.9	95.1	95.8	97
$G_{d,Ma}$	51.9	-68.8	28.1	74.3	157
$C_{d,Ma}$	58.3	-29.2	-43.7	52.6	236
$B_{d,Ma}$	25.3	23.5	-47.3	52.8	296
$M_{d,Ma}$	48.2	72.8	-8.5	73.3	353
$N_{d,Ma}$	17.7	0.0	0.0	0.0	0
$W_{d,Ma}$	95.4	0.0	0.0	0.0	0
$R_{d,CIE}$	39.9	58.7	27.9	65.0	25
$Y_{d,CIE}$	81.2	-2.8	71.5	71.6	92
$G_{d,CIE}$	52.2	-42.4	13.6	44.5	162
$B_{d,CIE}$	30.5	1.4	-46.4	46.4	271

Data for maximum colour (Ma):

$LabCh^*_{d,Ma}$: 47 67 14 69 11

$HIC^*_{d,Ma}$: B75R_100_100_d

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

1.0 0.0 0.5 1.0 1.0

triangle lightness T^*

% Gamut

$u^*_{rel} = 92$

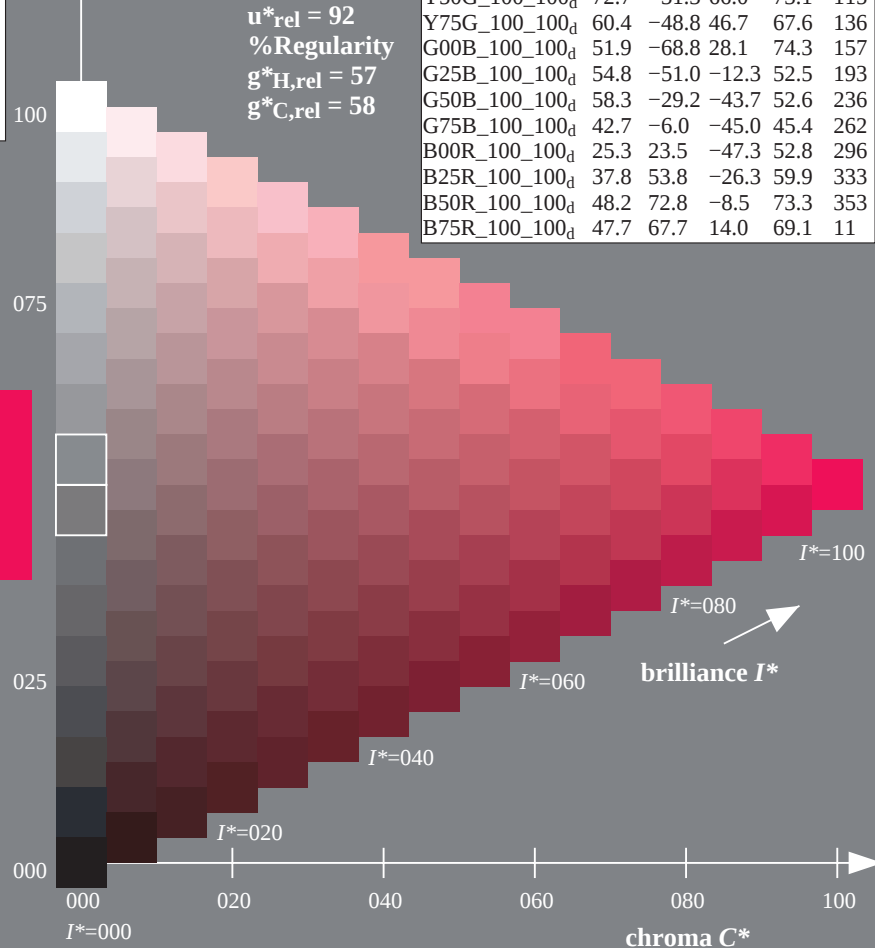
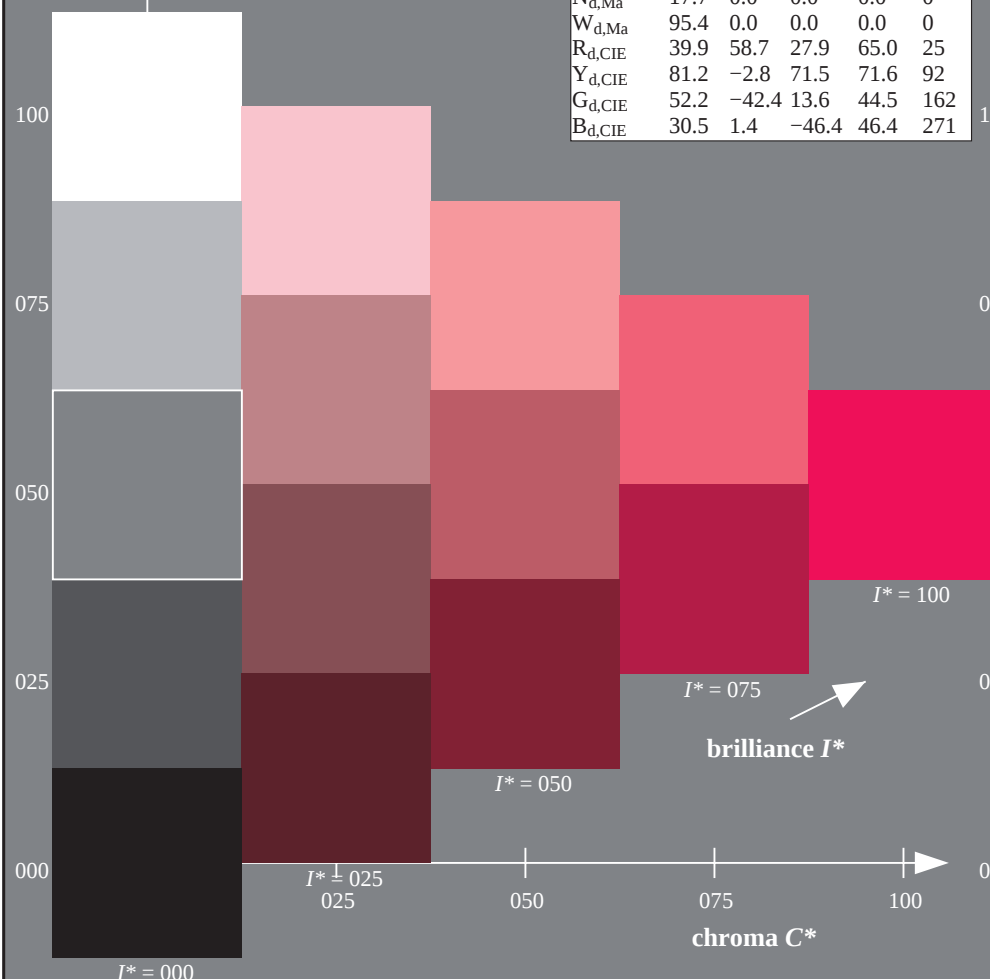
% Regularity

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

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

ORS20a; adapted (a) CIELAB data

H^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
$R00Y_{100_100_d}$	47.3	63.8	41.2	76.0	32
$R25Y_{100_100_d}$	55.3	45.8	52.2	69.5	48
$R50Y_{100_100_d}$	67.2	22.6	67.6	71.2	71
$R75Y_{100_100_d}$	79.9	1.0	83.9	83.9	89
$Y00G_{100_100_d}$	88.3	-11.9	95.1	95.8	97
$Y25G_{100_100_d}$	83.3	-19.2	83.7	85.9	102
$Y50G_{100_100_d}$	72.7	-31.3	66.0	73.1	115
$Y75G_{100_100_d}$	60.4	-48.8	46.7	67.6	136
$G00B_{100_100_d}$	51.9	-68.8	28.1	74.3	157
$G25B_{100_100_d}$	54.8	-51.0	-12.3	52.5	193
$G50B_{100_100_d}$	58.3	-29.2	-43.7	52.6	236
$G75B_{100_100_d}$	42.7	-6.0	-45.0	45.4	262
$B00R_{100_100_d}$	25.3	23.5	-47.3	52.8	296
$B25R_{100_100_d}$	37.8	53.8	-26.3	59.9	333
$B50R_{100_100_d}$	48.2	72.8	-8.5	73.3	353
$B75R_{100_100_d}$	47.7	67.7	14.0	69.1	11



1-103130-L0 RE430-72

TUB-test chart RE43; hue code: $H^*_d = B75R_d$

Test chart according to DIN 33872, 3D=1, de=0, cmyk*

input: $rgb/cmyk \rightarrow rgb_{dd}$

output: 3D-linearization to $cmyk^*_{dd}$