

http://130.149.60.45/~farbmetrik/PE93/PE93L0FP.PDF /.PS; 3D-linearization
F: 3D-linearization PE93/PE93LE30FP.DAT in file (F), page 2/2

Input and Output: Offset Reflective System ORS18a for relative CIELAB hue $h_{ab,a,rel} = h_{ab}/360 = 25/360 = 0.07$

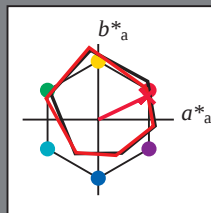
Data for any device (d) or elementary (e) colour:

HIC_e^*

hue text for the colours
of this page:

$H_e^* = R00Y_e$

triangle lightness T^*



ORS20a; adapted (a) CIELAB data

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

Data for maximum colour (Ma):

$LabCh_e^*, Ma$: 47 64 30 71 25

HIC_e^*, Ma : R00Y_100_100_e

$rgbic_e^*, Ma$:

1.0 0.0 0.2 1.0 1.0

triangle lightness T^*

%Gamut

$u^*_{rel} = 92$

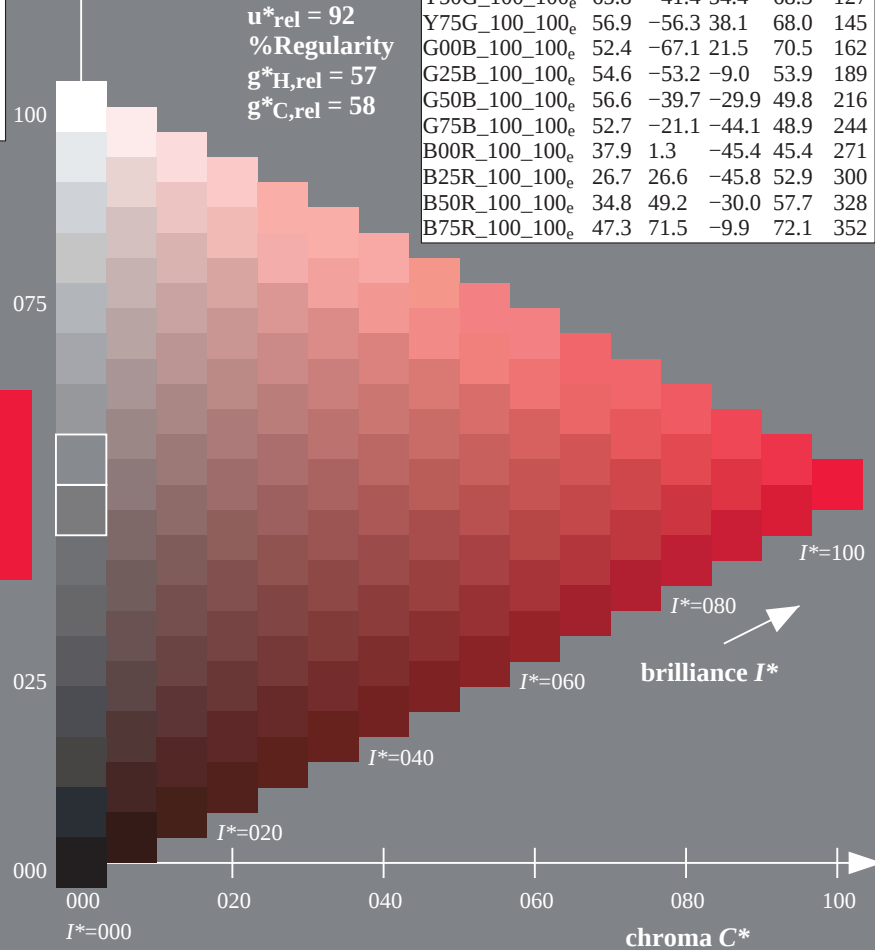
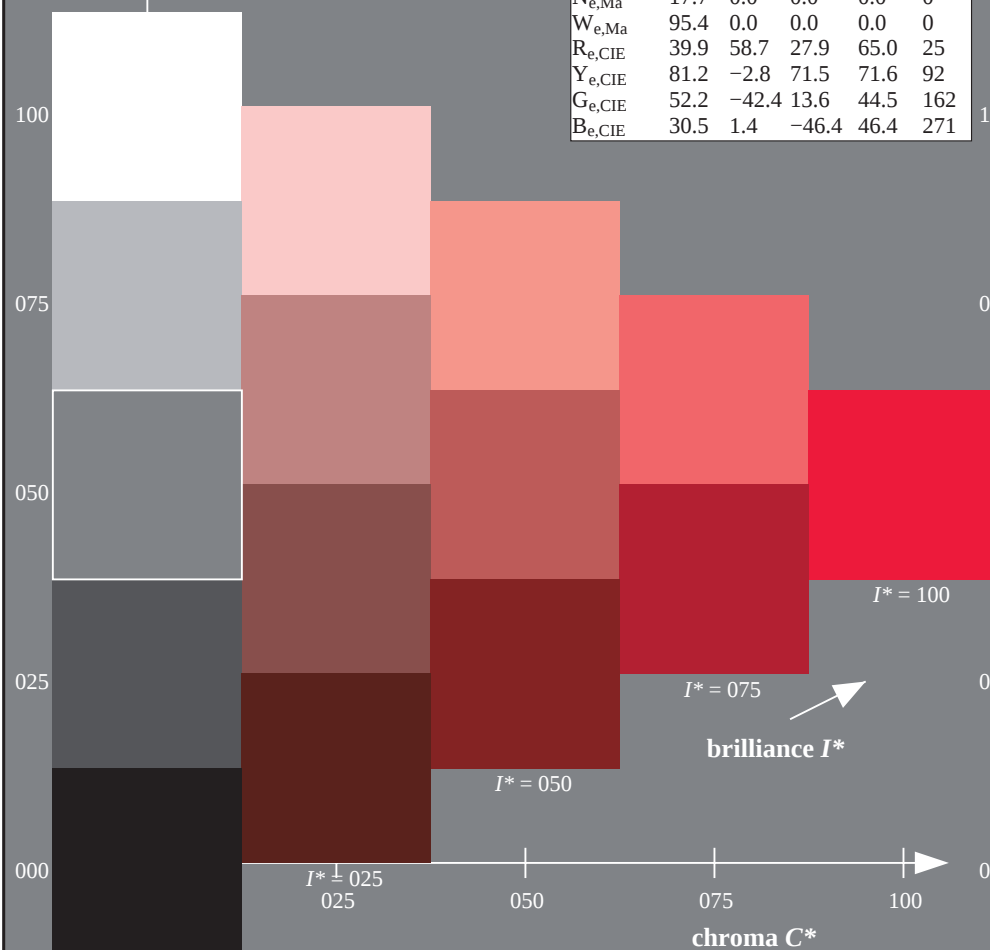
%Regularity

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

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

ORS20a; adapted (a) CIELAB data

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



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TUB-test chart PE93; hue code: $H_e^* = R00Y_e$
Test chart according to DIN 33872, 3D=1, de=1, cmyk*

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

TUB registration: 20150701-PE93/PE93L0FP.PDF /.PS
application for measurement of offset print output, separation cmyk* (CMYK)

TUB material: code=th4ta