

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 $h_{ab,a,rel} = h_{ab}/360 = 25/360 = 0.07$

$$H^*_e = R00Y_e$$

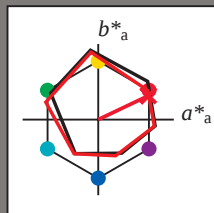
Data for any device (d) or elementary (e) colour:

$$HIC^*_e$$

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	66.3	31.6	73.4	25
Y _e ,Ma	85.1	-3.3	83.7	83.7	92
G _e ,Ma	51.7	-69.1	22.1	72.6	162
C _e ,Ma	56.3	-41.9	-31.5	52.4	216
B _e ,Ma	36.7	1.4	-46.6	46.6	271
M _e ,Ma	34.9	50.0	-30.5	58.6	328
N _e ,Ma	18.5	0.0	0.0	0.0	0
W _e ,Ma	96.3	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 66 31 73 25

HIC^{*}_e,Ma: R00Y_100_100_e

rgbic^{*}_e,Ma:

1.0 0.0 0.13 1.0 1.0

triangle lightness T^*

%Gamut

u^{*}_{rel} = 92

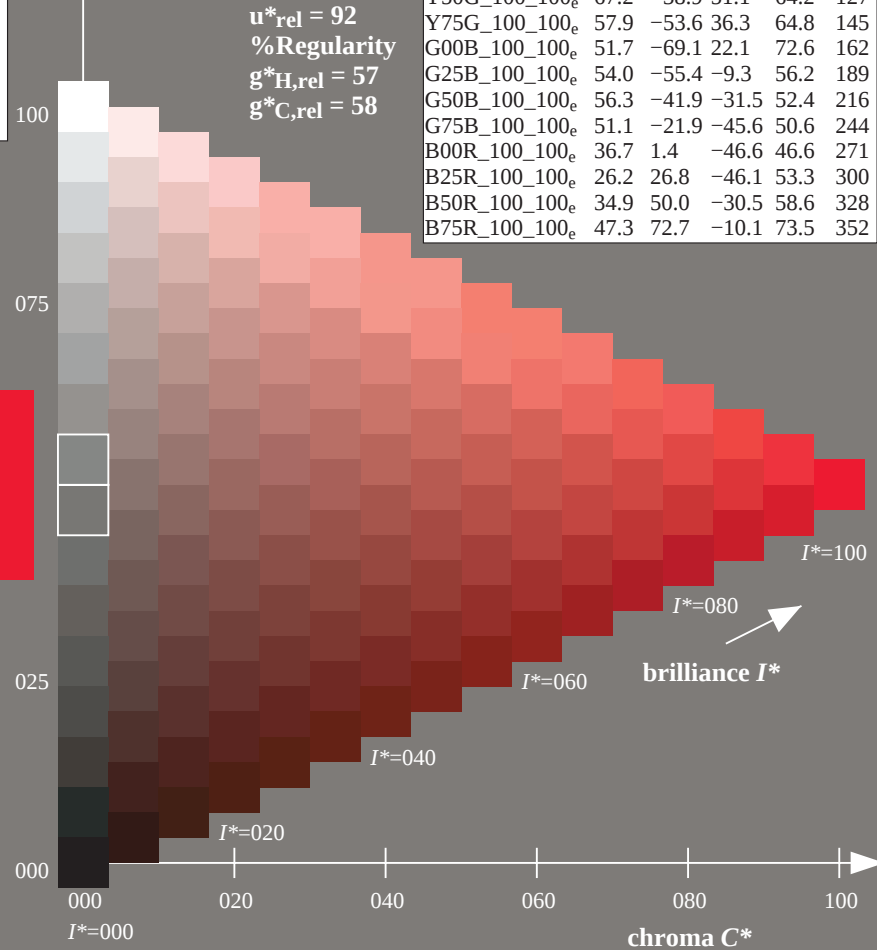
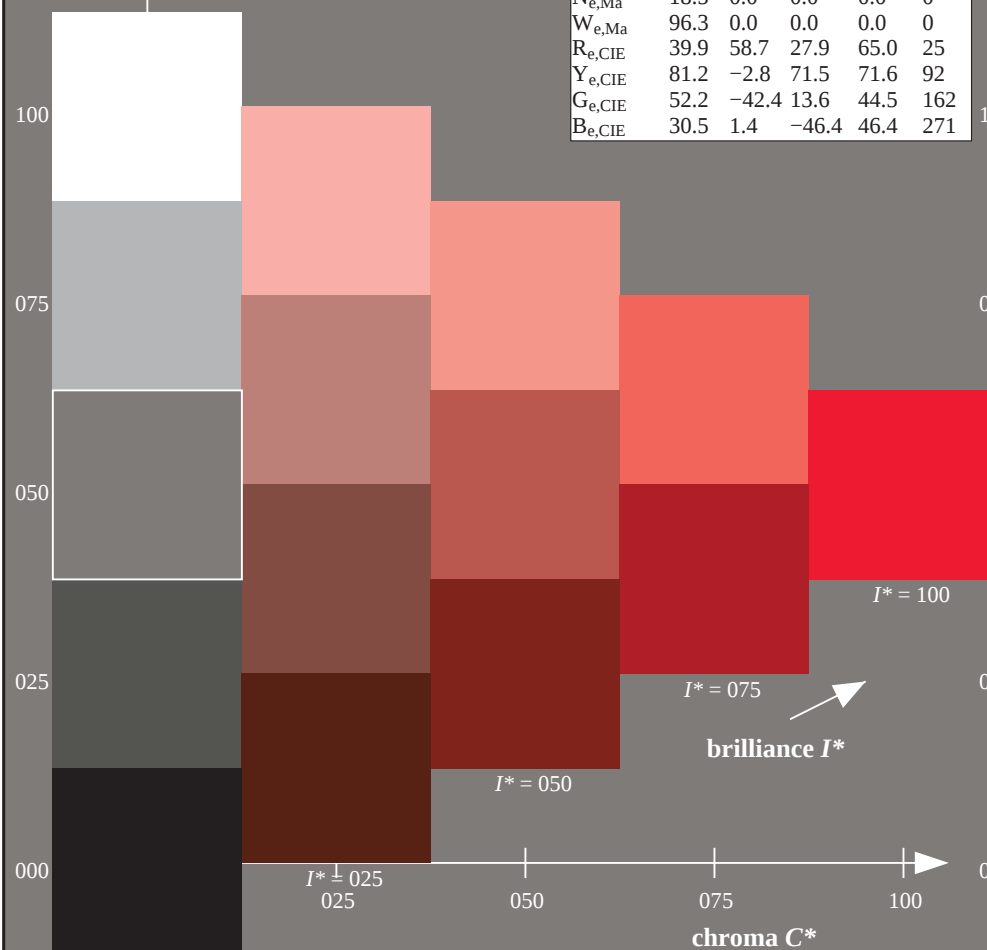
%Regularity

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	66.3	31.6	73.4	25
R25Y_100_100 _e	53.4	52.6	45.8	69.7	41
R50Y_100_100 _e	62.5	34.1	56.6	66.1	58
R75Y_100_100 _e	72.7	16.2	69.0	70.9	76
Y00G_100_100 _e	85.1	-3.3	83.7	83.7	92
Y25G_100_100 _e	77.6	-23.7	70.5	74.4	108
Y50G_100_100 _e	67.2	-38.9	51.1	64.2	127
Y75G_100_100 _e	57.9	-53.6	36.3	64.8	145
G00B_100_100 _e	51.7	-69.1	22.1	72.6	162
G25B_100_100 _e	54.0	-55.4	-9.3	56.2	189
G50B_100_100 _e	56.3	-41.9	-31.5	52.4	216
G75B_100_100 _e	51.1	-21.9	-45.6	50.6	244
B00R_100_100 _e	36.7	1.4	-46.6	46.6	271
B25R_100_100 _e	26.2	26.8	-46.1	53.3	300
B50R_100_100 _e	34.9	50.0	-30.5	58.6	328
B75R_100_100 _e	47.3	72.7	-10.1	73.5	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 -> 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