

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

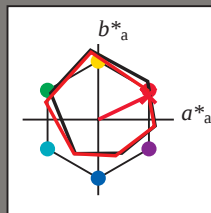
Data for any device (d) or elementary (e) colour:

HIC_e^*

hue text for the colours
of this page:

$H_e^* = R00Y_e$

triangle lightness T^*



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

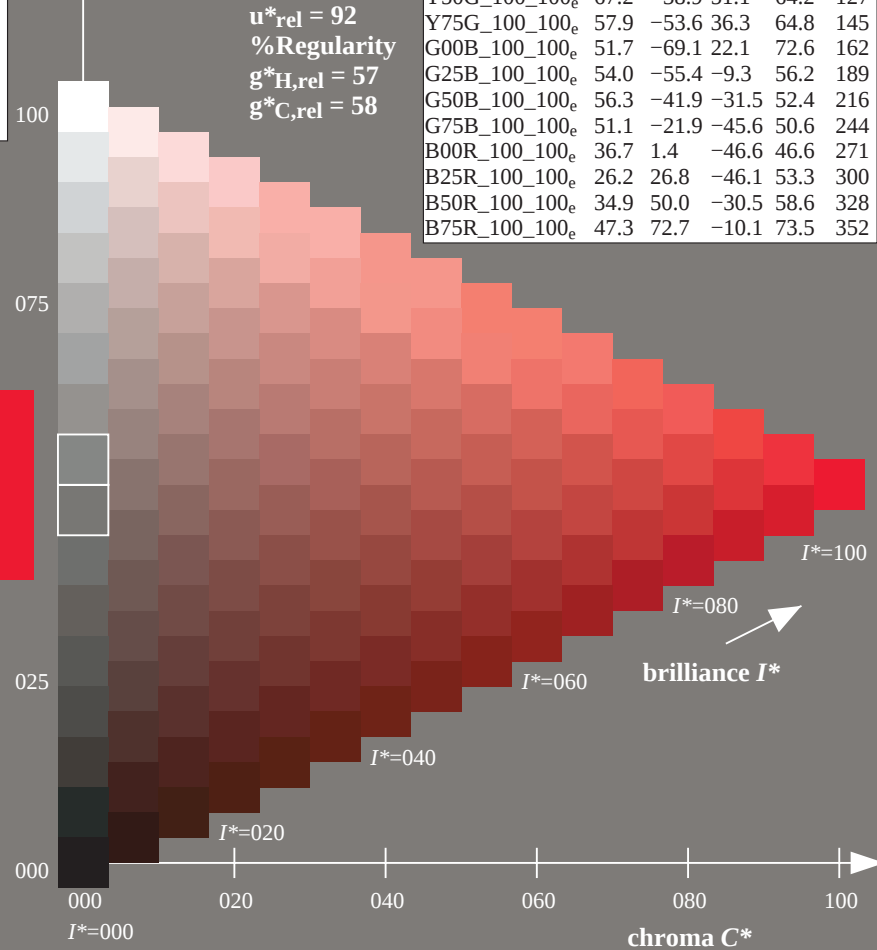
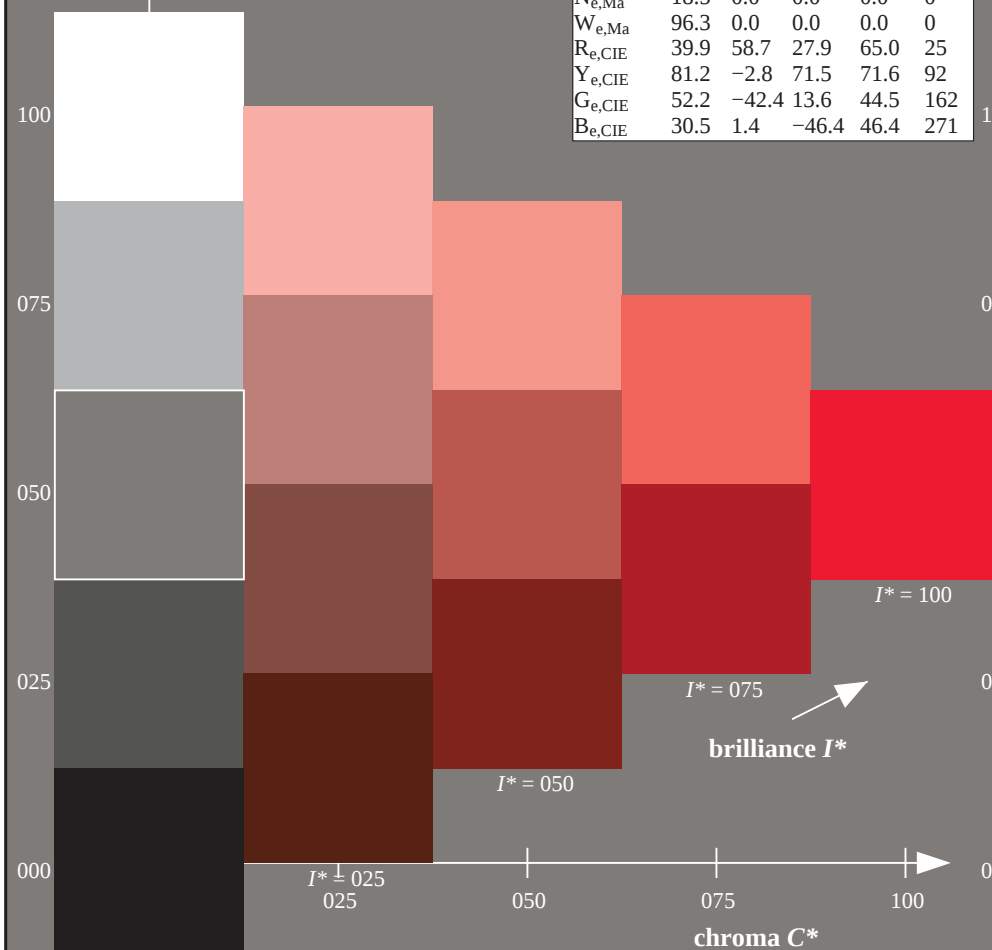
$u_{rel}^* = 92$

% Regularity

$g_{H,rel}^* = 57$

$g_{C,rel}^* = 58$

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



1-113130-L0 PE930-73

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