

http://130.149.60.45/~farbmetrik/QE19/QE19L0FP.PDF /.PS; 3D-linearization

F: 3D-linearization QE19/QE19LE30FP.DAT in file (F), page 2/2

Input and Output: Printer Reflective System FRS06a for relative CIELAB hue $h_{ab,a,rel} = h_{ab}/360 = 58/360 = 0.16$

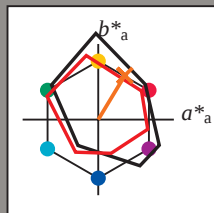
$H^*_e = R50Y_e$

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

HIC^*_e
hue text for the colours
of this page:

$H^*_e = R50Y_e$

triangle lightness T^*



LRS18a; adapted (a) CIELAB data

name	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
R _{e,Ma}	47.5	56.0	26.7	62.1	25
Y _{e,Ma}	83.6	-3.1	76.8	76.9	92
G _{e,Ma}	53.8	-65.9	21.1	69.2	162
C _{e,Ma}	54.9	-38.7	-29.1	48.4	216
B _{e,Ma}	37.3	1.4	-48.6	48.7	271
M _{e,Ma}	38.5	46.7	-28.5	54.7	328
N _{e,Ma}	23.8	0.0	0.0	0.0	0
W _{e,Ma}	95.8	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):

$LabCh^*_{e,Ma}$: 61 35 58 68 58

$HIC^*_{e,Ma}$: R50Y_100_100_e

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

1.0 0.31 0.0 1.0 1.0

triangle lightness T^*

% Gamut

$u^*_{rel} = 114$

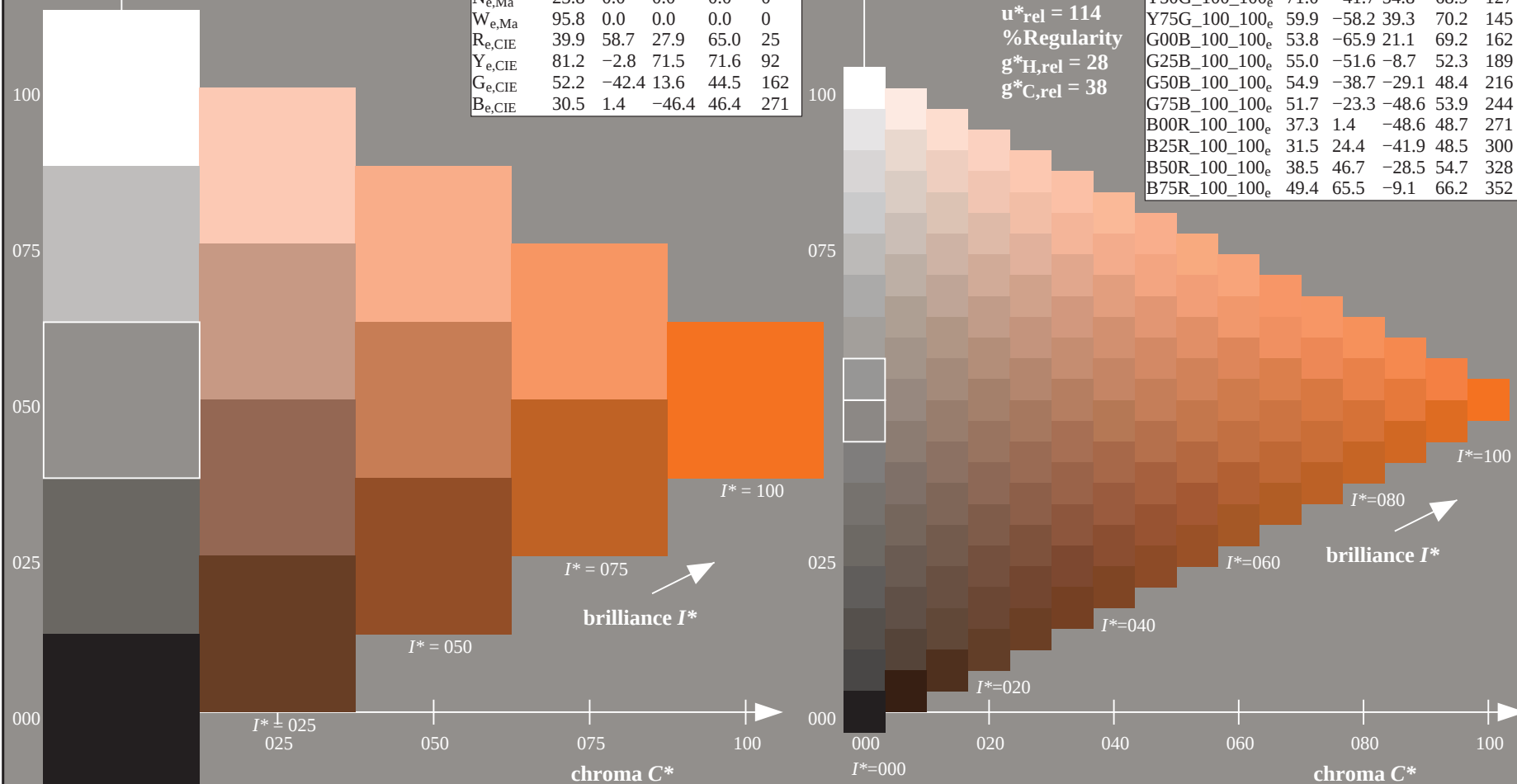
% Regularity

$g^*_{H,rel} = 28$

$g^*_{C,rel} = 38$

LRS18a; adapted (a) CIELAB data

H^*_e	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
R00Y_100_100 _e	47.5	56.0	26.7	62.1	25
R25Y_100_100 _e	51.4	54.8	47.7	72.6	41
R50Y_100_100 _e	61.8	35.2	58.4	68.2	58
R75Y_100_100 _e	72.3	16.1	68.2	70.1	76
Y00G_100_100 _e	83.6	-3.1	76.8	76.9	92
Y25G_100_100 _e	85.8	-26.4	78.5	82.9	108
Y50G_100_100 _e	71.0	-41.7	54.8	68.9	127
Y75G_100_100 _e	59.9	-58.2	39.3	70.2	145
G00B_100_100 _e	53.8	-65.9	21.1	69.2	162
G25B_100_100 _e	55.0	-51.6	-8.7	52.3	189
G50B_100_100 _e	54.9	-38.7	-29.1	48.4	216
G75B_100_100 _e	51.7	-23.3	-48.6	53.9	244
B00R_100_100 _e	37.3	1.4	-48.6	48.7	271
B25R_100_100 _e	31.5	24.4	-41.9	48.5	300
B50R_100_100 _e	38.5	46.7	-28.5	54.7	328
B75R_100_100 _e	49.4	65.5	-9.1	66.2	352



1-113130-L0 QE190-73

TUB-test chart QE19; hue code: $H^*_e=R50Y_e$

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: 20130201-QE19/QE19L0FP.PDF /.PS

TUB material: code=rha4ta
application for measurement of laser printer output, separation cmyk6* (CMYK)