

http://130.149.60.45/~farbmetrik/QE09/QE09L0FP.PDF /.PS; 3D-linearization
F: 3D-linearization QE09/QE09LE30FP.DAT in file (F), page 2/2

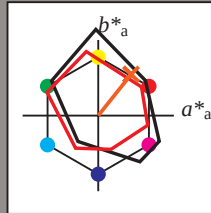
Input and Output: Printer Reflective System FRS06a for relative CIELAB hue $h_{ab,a,rel} = h_{ab}/360 = 51/360 = 0.14$

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

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

$H^*_d = R25Y_d$

triangle lightness T^*



LRS18a; adapted (a) CIELAB data					
name	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
$R_{d,Ma}$	47.5	57.2	37.8	68.6	33
$Y_{d,Ma}$	91.5	-15.8	84.6	86.1	100
$G_{d,Ma}$	54.3	-67.6	30.8	74.3	155
$C_{d,Ma}$	53.1	-30.0	-43.1	52.5	235
$B_{d,Ma}$	32.5	16.9	-44.6	47.7	290
$M_{d,Ma}$	48.1	65.4	-12.7	66.6	348
$N_{d,Ma}$	23.8	0.0	0.0	0.0	0
$W_{d,Ma}$	95.8	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):

$LabCh^*_{d,Ma}$: 57 43 54 69 51

$HIC^*_{d,Ma}$: R25Y_100_100d

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

1.0 0.23 0.0 1.0 1.0

triangle lightness T^*

% Gamut

$u^*_{rel} = 114$

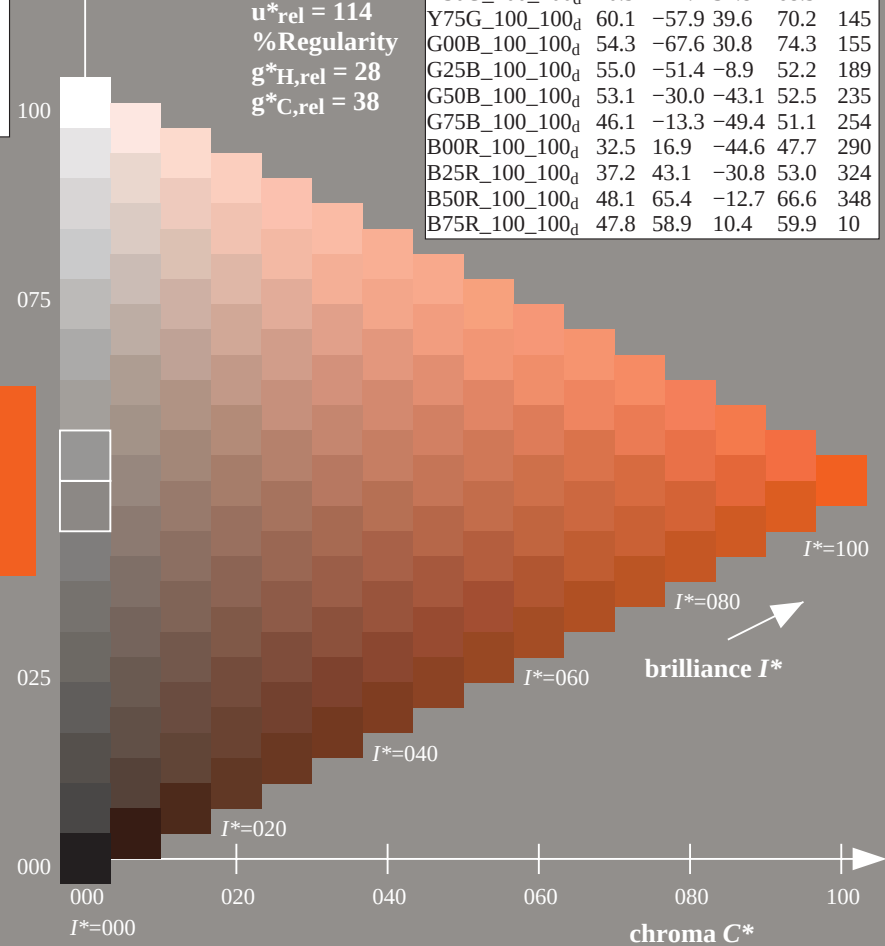
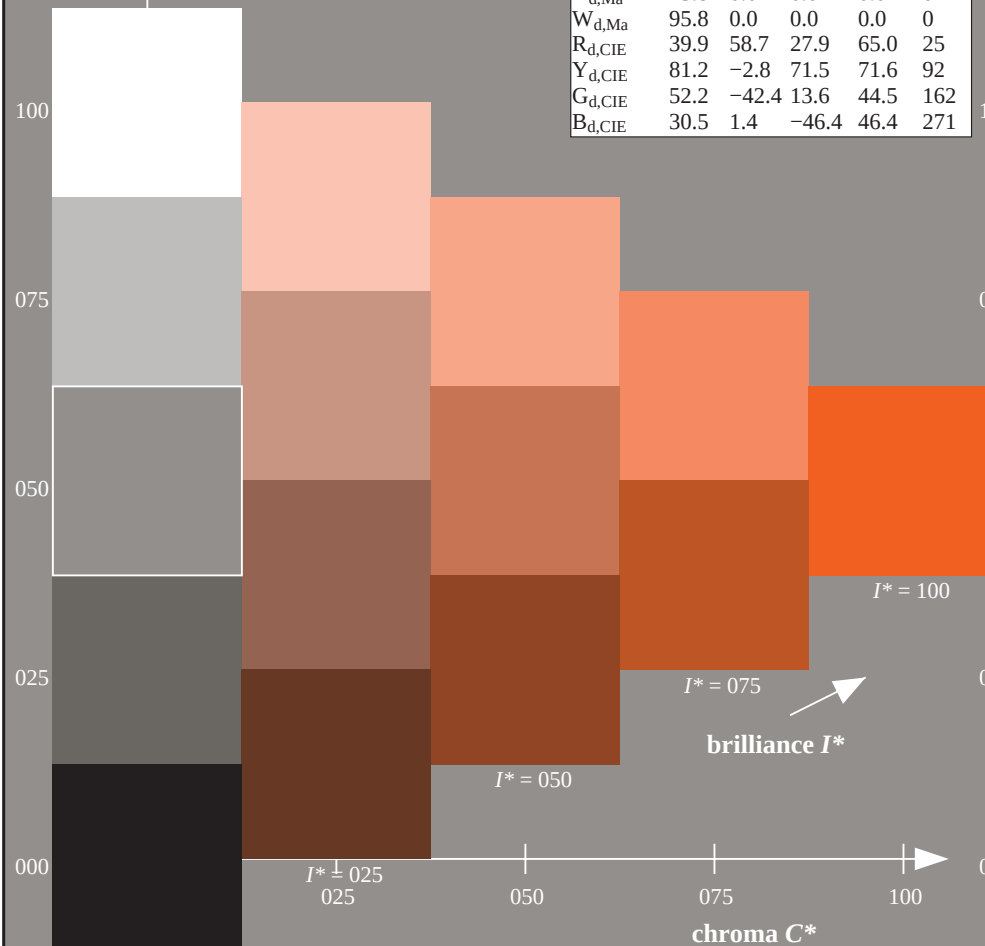
% Regularity

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

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

LRS18a; adapted (a) CIELAB data

H^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
$R00Y_100_100_d$	47.5	57.2	37.8	68.6	33
$R25Y_100_100_d$	57.4	43.5	54.5	69.7	51
$R50Y_100_100_d$	70.5	19.2	66.2	69.0	73
$R75Y_100_100_d$	83.5	-2.9	76.8	76.9	92
$Y00G_100_100_d$	91.5	-15.8	84.6	86.1	100
$Y25G_100_100_d$	90.4	-20.9	86.5	89.0	103
$Y50G_100_100_d$	70.9	-41.7	54.8	68.9	127
$Y75G_100_100_d$	60.1	-57.9	39.6	70.2	145
$G00B_100_100_d$	54.3	-67.6	30.8	74.3	155
$G25B_100_100_d$	55.0	-51.4	-8.9	52.2	189
$G50B_100_100_d$	53.1	-30.0	-43.1	52.5	235
$G75B_100_100_d$	46.1	-13.3	-49.4	51.1	254
$B00R_100_100_d$	32.5	16.9	-44.6	47.7	290
$B25R_100_100_d$	37.2	43.1	-30.8	53.0	324
$B50R_100_100_d$	48.1	65.4	-12.7	66.6	348
$B75R_100_100_d$	47.8	58.9	10.4	59.9	10



1-103130-L0 QE090-72

TUB-test chart QE09; hue code: $H^*_d=R25Y_d$

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

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

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

TUB registration: 20130201-QE09/QE09L0FP.PDF /.PS
application for measurement of laser printer output, separation cmykn6* (CMYK)

TUB material: code=rh4ta