Input: Colorimetric Reflective System NRS11

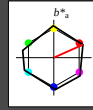
for hue $h^* = lab^*h = 24/360 = 0.067$

lab*tch* and *lab*nch

D65: hue R

LCH*Ma: 53 84 24

rgb*Ma: 1.0 0.0 0.0



NRS11; adapted (a) CIELAB data

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
R_{Ma}	53.2	77.06	34.32	84.36	24
J_{Ma}	53.2	−1.51	84.38	84.39	91
G_{Ma}	53.2	−82.27	18.98	84.44	167
$G50B_{Ma}$	53.2	−77.72	−32.98	84.44	203
B_{Ma}	53.2	4.37	−84.28	84.41	273
$B50R_{Ma}$	53.2	69.09	−48.41	84.37	325
N_{Ma}	10.99	0.0	0.0	0.0	0
W_{Ma}	95.41	0.0	0.0	0.0	0
R_{CIE}	39.92	58.69	27.98	65.01	25
J_{CIE}	81.26	−2.9	71.56	71.62	92
G_{CIE}	52.23	−42.45	13.59	44.59	162
B_{CIE}	30.57	1.35	−46.48	46.51	272

%Gamut

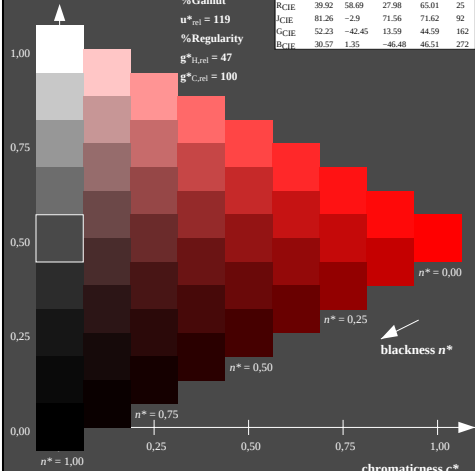
u^*_{rel} = 119

%Regularity

$g^*_{H,rel}$ = 47

$g^*_{C,rel}$ = 100

triangle lightness t^*



Output: Colorimetric Reflective System ORS18

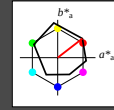
for hue $h^* = lab^*h = 38/360 = 0.105$

lab*tch* and *lab*nch

D65: hue O

LCH*Ma: 48 83 38

rgb*Ma: 1.0 0.0 0.0



ORS18; adapted (a) CIELAB data

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	47.94	65.37	50.52	82.62	38
Y_{Ma}	90.37	−10.27	91.77	92.34	96
L_{Ma}	50.9	−62.79	34.95	71.87	151
C_{Ma}	58.62	−30.35	−45.01	54.3	236
V_{Ma}	25.71	31.11	−44.42	54.24	305
M_{Ma}	48.13	75.27	−8.35	75.73	354
N_{Ma}	18.01	0.0	0.0	0.0	0
W_{Ma}	95.41	0.0	0.0	0.0	0
R_{CIE}	39.92	58.66	26.98	64.56	25
J_{CIE}	81.26	−2.17	67.76	67.79	92
G_{CIE}	52.23	−42.26	11.75	43.87	164
B_{CIE}	30.57	1.15	−46.84	46.87	271

%Gamut

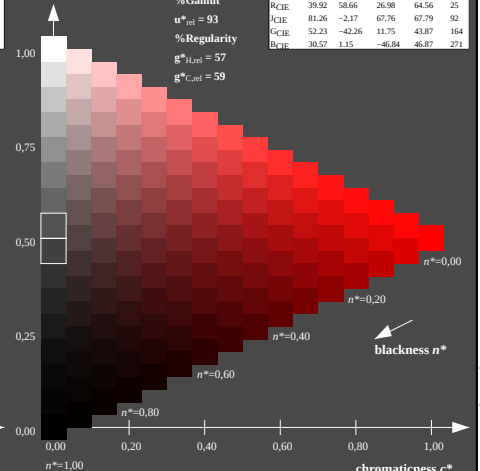
u^*_{rel} = 93

%Regularity

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

$g^*_{C,rel}$ = 59

triangle lightness t^*



UE970−7, 9 step scales for constant CIELAB hue 24/360 = 0.067 (left)

16 step scales for constant CIELAB hue 38/360 = 0.105 (right)

BAM-test chart UE97; Colorimetric systems NRS11 & ORS18
D65: 9 and 16 step colour scales for 10 hues

input: *cmy0* setcmykcolor*
output: *olv* setrgbcolor / w* setgray*

See for similar files: http://www.ps.bam.de/UE97/
Technical information: http://www.ps.bam.de Version 2.1, io=0.1, CIEXYZ

BAM registration: 20060101-UE97/10S/S97E00F1.PS/.TXT
application for evaluation and measurement of printer or monitor systems, Y=2.5, XYZ
BAM material: code=rha4ta
UE97, Date=101, Sect=1.1, Page 1, Obj=, Item 1