See for similar files: http://www.ps.bam.de/UE53/
Technical information: http://www.ps.bam.de

BAM registration: 20060101-UE53/L53E00F1.PS/.TXT
application for evaluation and measurement of printer or monitor systems.

BAM material: code=tha4ta
UE53 Page 1 of 1, Sect. 1.1, Page 1, Page count: 1

Input: Colorimetric Reflective System MRS18

for hue $h^* = lab^*h = 30/360 = 0.083$
*lab*tch* and *lab*nch*

D65: hue R
LCH*Ma: 50 77 30
rgb*Ma: 1.0 0.0 0.0

triangle lightness t^*

%Gamut

$u^*_{rel} = 91$

MRS18; adapted (a) CIELAB data	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
R_{Ma}	49.63	66.96	38.37	77.18	30
J_{Ma}	90.7	−6.36	88.75	88.98	94
G_{Ma}	52.11	−69.73	9.44	70.37	172
$G50B_{Ma}$	45.03	−36.57	−28.47	46.36	218
B_{Ma}	36.65	23.19	−63.05	67.18	290
$B50R_{Ma}$	34.94	57.17	−44.26	72.31	322
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

%Regularity

$g^*_{H,rel} = 41$
$g^*_{C,rel} = 52$

Output: Colorimetric Reflective System NCS11

for hue $h^* = lab^*h = 24/360 = 0.066$
*lab*tch* and *lab*nch*

D65: hue R
LCH*Ma: 47 92 24
rgb*Ma: 1.0 0.0 0.0

triangle lightness t^*

%Gamut

$u^*_{rel} = 149$

NCS11; adapted (a) CIELAB data	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
R_{Ma}	47.15	84.64	37.25	92.48	24
J_{Ma}	91.37	−1.27	125.03	125.03	91
G_{Ma}	63.07	−114.28	25.35	117.06	167
$G50B_{Ma}$	59.47	−80.6	−33.45	87.28	203
B_{Ma}	49.09	3.65	−81.19	81.28	273
$B50R_{Ma}$	44.06	106.09	−73.93	129.32	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

%Regularity

$g^*_{H,rel} = 46$
$g^*_{C,rel} = 65$

UE530−7, 5 step scales for constant CIELAB hue 30/360 = 0.083 (left) 5 step scales for constant CIELAB hue 24/360 = 0.066 (right)

BAM-test chart UE53; Colorimetric systems MRS18 & NCS11a input: *cmy0* setcmykcolor*
D65: 2 coordinate data of 5 step colour scales for 10 hues output: *olv* setrgbcolor / w* setgray*

Version 2.1, io=0,1, CIEXYZ