Input: Colorimetric Natural Reflective System CNS18
for hue *h* = lab*h = 25/360 = 0.069*
lab*tch* and *lab*nch

D65: hue R
LCH*Ma: 57 77 25
olv*Ma: 1.0 0.0 0.0

triangle lightness *t**

%Gamut

u*rel = 100

CNS18; adapted (a) CIELAB data

	L*=L*a	a*a	b*a	C*ab,a	h*ab,a
RMa	56.7	70.15	32.71	77.4	25
JMa	56.7	−2.69	77.35	77.4	92
GMa	56.7	−73.6	23.92	77.4	162
G50BMa	56.7	−71.24	−30.23	77.4	203
BMa	56.7	2.7	−77.34	77.4	272
B50RMa	56.7	63.4	−44.38	77.4	325
NMa	18.01	0.0	0.0	0.0	0
WMa	95.41	0.0	0.0	0.0	0
RCIE	39.92	58.74	27.99	65.07	25
JCIE	81.26	−2.88	71.56	71.62	92
GCIE	52.23	−42.41	13.6	44.55	162
BCIE	30.57	1.41	−46.46	46.49	272

%Regularity
g*H,rel = 59
g*C,rel = 100

Output: Colorimetric Offset Reflective System ORS18
for hue *h* = lab*h = 25/360 = 0.069*
lab*tch* and *lab*nch

D65: hue O
LCH*Ma: 48 76 25
olv*Ma: 1.0 0.0 0.32

triangle lightness *t**

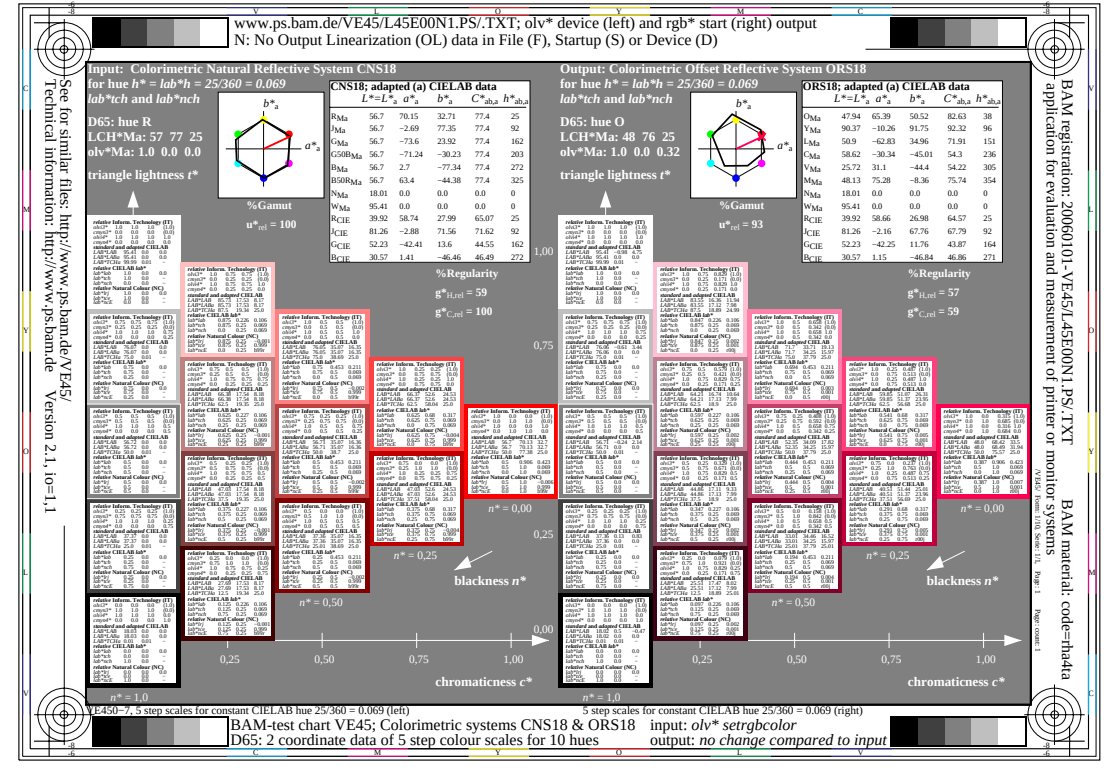
%Gamut

u*rel = 93

ORS18; adapted (a) CIELAB data

	L*=L*a	a*a	b*a	C*ab,a	h*ab,a
OMa	47.94	65.39	50.52	82.63	38
YMa	90.37	−10.26	91.75	92.32	96
LMa	50.9	−62.83	34.96	71.91	151
CMa	58.62	−30.34	−45.01	54.3	236
VMa	25.57	31.1	−44.4	54.22	305
MMa	48.13	75.28	−8.36	75.74	354
NMa	18.01	0.0	0.0	0.0	0
WMa	95.41	0.0	0.0	0.0	0
RCIE	39.92	58.66	26.98	64.57	25
JCIE	81.26	−2.16	67.76	67.79	92
GCIE	52.23	−42.25	11.76	43.87	164
BCIE	30.57	1.15	−46.84	46.86	271

%Regularity
g*H,rel = 57
g*C,rel = 59



VE450–7, 5 step scales for constant CIELAB hue 25/360 = 0.069 (left) 5 step scales for constant CIELAB hue 25/360 = 0.069 (right)

BAM-test chart VE45; Colorimetric systems CNS18 & ORS18
D65: 2 coordinate data of 5 step colour scales for 10 hues

input: *olv* setrgbcolor*
output: *no change compared to input*