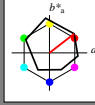


**Input: Colorimetric Offset Reflective System ORS18**

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

D65: hue O  
 LCH\*Ma: 48 83 38  
 olv\*Ma: 1.0 0.0 0.0

triangle lightness



**ORS18; adapted (a) CIELAB data**

	$L^* - L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab}$	$h^*_a$
O <sub>Ma</sub>	47.94	65.39	50.52	82.63	38
Y <sub>Ma</sub>	90.37	-10.26	91.75	92.32	96
L <sub>Ma</sub>	50.9	-62.83	34.96	71.91	151
C <sub>Ma</sub>	58.62	-30.34	-45.01	54.3	236
V <sub>Ma</sub>	25.72	31.1	-44.4	54.22	305
M <sub>Ma</sub>	48.13	75.28	-8.36	75.74	354
N <sub>Ma</sub>	18.01	0.0	0.0	0.0	0
W <sub>Ma</sub>	95.41	0.0	0.0	0.0	0
R <sub>CE</sub>	39.92	58.66	26.98	64.57	25
J <sub>CE</sub>	81.26	-2.16	67.76	67.79	92
G <sub>CE</sub>	52.23	-42.25	11.76	43.87	164
B <sub>CE</sub>	30.57	1.15	-46.84	46.86	271

%Regularity

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

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

0.75

$n^* = 0.00$

$n^* = 0.25$

blackness  $n^*$

$n^* = 0.50$

chromaticness  $c^*$

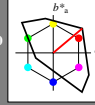
$n^* = 1.0$

**Output: Colorimetric Television Luminous System TLS00**

for hue  $h^* = lab^*h = 40/360 = 0.111$   
 $lab^*ch$  and  $lab^*nch$

D65: hue O  
 LCH\*Ma: 51 100 40  
 olv\*Ma: 1.0 0.0 0.0

triangle lightness



**TLS00; adapted (a) CIELAB data**

	$L^* - L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab}$	$h^*_a$
O <sub>Ma</sub>	50.5	76.92	64.55	100.42	40
Y <sub>Ma</sub>	92.66	-20.69	90.75	93.08	103
L <sub>Ma</sub>	83.63	-82.75	79.9	115.04	136
C <sub>Ma</sub>	86.88	-46.16	-13.55	48.12	196
V <sub>Ma</sub>	30.39	76.06	-103.59	128.52	300
M <sub>Ma</sub>	57.3	94.35	-58.41	110.97	328
N <sub>Ma</sub>	0.01	0.0	0.0	0.0	0
W <sub>Ma</sub>	95.41	0.0	0.0	0.0	0
R <sub>CE</sub>	39.92	58.74	27.99	65.07	25
J <sub>CE</sub>	81.26	-2.88	71.56	71.62	92
G <sub>CE</sub>	52.23	-42.41	13.6	44.55	162
B <sub>CE</sub>	30.57	1.41	-46.46	46.49	272

%Regularity

$g^*_{H,rel} = 20$

$g^*_{C,rel} = 37$

0.75

$n^* = 0.00$

$n^* = 0.25$

blackness  $n^*$

$n^* = 0.50$

chromaticness  $c^*$

$n^* = 1.0$

See for similar files: <http://www.ps.bam.de/NE40/>  
 Technical information: <http://www.ps.bam.de/> Version 2.1, io=1.1

BAM registration: 20060101 - NE40/L40E00N1.PS/.TXT  
 application for evaluation and measurement of printer or monitor systems  
 BAM material: code=ha4ta  
 Page count: 1

NE400-7, 5 step scales for constant CIELAB hue 38/360 = 0.105 (left)

5 step scales for constant CIELAB hue 40/360 = 0.111 (right)

BAM-test chart NE40; Colorimetric systems ORS18 & TLS00

input:  $olv^*_{setrgcolor}$

D65: 5 step colour scales and coordinate data for 10 hues

output: no change compared to input