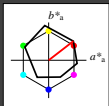


**Input: Colorimetric Offset Reflective System ORS18**

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

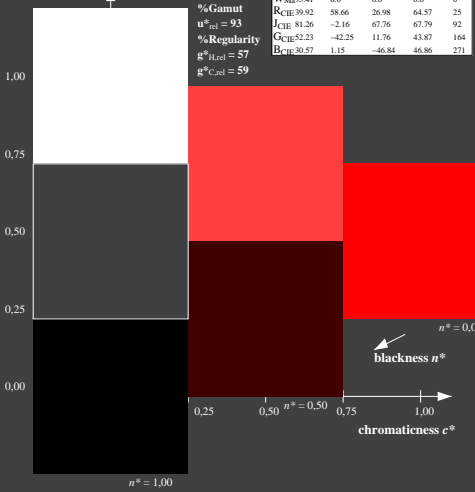
A: hue O  
 LCH\*Ma: 48 83 38  
 olv\*Ma: 1.0 0.0 0.0  
 triangle lightness  $t^*$



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

	$L^*$	$a^*$	$b^*$	$C^*_{aba}$	$h^*_{aba}$
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	25.72	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
JCIIE	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

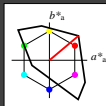
%Gamut  
 $u^*_{rel} = 93$   
 %Regularity  
 $g^*_{H,rel} = 57$   
 $g^*_{C,rel} = 59$



**Output: Colorimetric Television Luminous System TLS00**

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

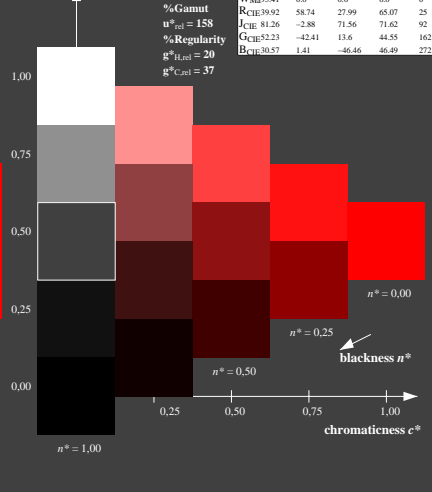
A: hue O  
 LCH\*Ma: 51 100 40  
 olv\*Ma: 1.0 0.0 0.0  
 triangle lightness  $t^*$



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

	$L^*$	$a^*$	$b^*$	$C^*_{aba}$	$h^*_{aba}$
OMa	50.5	76.92	64.55	100.42	40
YMa	92.66	-20.69	90.75	93.08	103
LMa	83.63	-82.75	79.9	115.04	136
CMa	86.88	-46.16	-13.55	48.12	196
VMa	30.39	76.06	-103.59	128.52	306
MMa	57.3	94.35	-58.41	110.97	328
NMa	0.01	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
JCIIE	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

%Gamut  
 $u^*_{rel} = 158$   
 %Regularity  
 $g^*_{H,rel} = 20$   
 $g^*_{C,rel} = 37$



RE80-7, 3 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 RE80; Colorimetric systems ORS18 & TLS00

A: 3 and 5 step colour scales for 10 hues

input: `olv* setrgbcolor`  
 output: `olv* setrgbcolor /w* setgray`

See for similar files: <http://www.ps.bam.de/RE80/>  
 Technical information: <http://www.ps.bam.de> Version 2.1, io=1.1, CIELAB

BAM registration: 20060101-RE80/10S/S80E00F1.PS/.TXT  
 application for evaluation and measurement of printer or monitor systems  
 RE80 Form 110, Serie 11, Page 1 Page count: 1

BAM material: code=hb4ta