

Input: Colorimetric Offset Reflective System ORS18

for hue $h^* = lab^*h = 38/360 = 0.106$

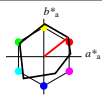
lab^*ch and lab^*nch

A: hue O

LCH*Ma: 48 82 38

olv*Ma: 1.0 0.0 0.0

triangle lightness t^*



%Gamut

$u^*_{rel} = 96$

%Regularity

$g^*_{H,rel} = -385$

$g^*_{C,rel} = 62$

ORS18; adapted (a) CIELAB data

	$L^*=L^*_a$	a^*_a	b^*_a	C^*_{aba}	h^*_{aba}
O _{Ma}	47.94	64.42	50.58	81.9	38
Y _{Ma}	92.62	2.41	86.36	86.39	88
L _{Ma}	50.9	-63.82	35.02	72.81	151
C _{Ma}	51.25	-53.68	-57.69	78.82	227
V _{Ma}	25.72	30.34	-44.37	53.76	304
M _{Ma}	56.25	70.59	7.57	70.99	6
N _{Ma}	18.11	0.0	0.0	0.0	0
W _{Ma}	95.6	0.0	0.0	0.0	0
R _{CIE}	47.79	60.85	41.08	73.41	34
J _{CIE}	83.82	6.52	66.9	67.22	84
G _{CIE}	49.0	-36.83	2.78	36.95	176
B _{CIE}	25.14	-18.35	-56.22	59.15	252

Output: Colorimetric Television Luminous System TLS00

for hue $h^* = lab^*h = 35/360 = 0.097$

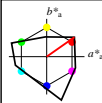
lab^*ch and lab^*nch

A: hue O

LCH*Ma: 66 90 35

olv*Ma: 1.0 0.0 0.0

triangle lightness t^*



%Gamut

$u^*_{rel} = 141$

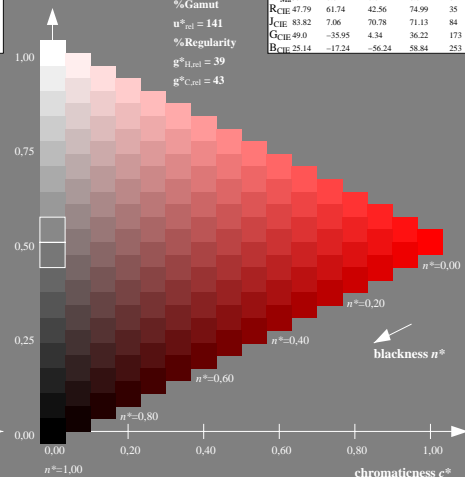
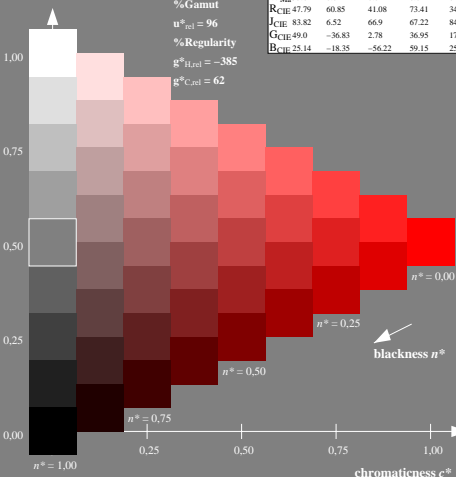
%Regularity

$g^*_{H,rel} = 39$

$g^*_{C,rel} = 43$

TLS00; adapted (a) CIELAB data

	$L^*=L^*_a$	a^*_a	b^*_a	C^*_{aba}	h^*_{aba}
O _{ML}	65.56	73.34	51.39	89.55	35
Y _{ML}	94.78	-3.49	52.24	52.36	94
L _{ML}	77.48	-92.97	36.0	99.71	159
C _{ML}	78.36	-82.69	-22.74	85.77	195
V _{ML}	12.55	38.81	-114.81	121.2	289
M _{ML}	66.71	76.08	-29.8	81.71	339
N _{ML}	0.01	0.0	0.0	0.0	0
W _{ML}	95.41	0.0	0.0	0.0	0
R _{CIE}	47.79	61.74	42.56	74.99	35
J _{CIE}	83.82	7.06	70.78	71.13	84
G _{CIE}	49.0	-35.95	4.34	36.22	173
B _{CIE}	25.14	-17.24	-56.24	58.84	253



RE900-7, 9 step scales for constant CIELAB hue 38/360 = 0.106 (left)

16 step scales for constant CIELAB hue 35/360 = 0.097 (right)

BAM-test chart RE90; Colorimetric systems ORS18 & TLS00

A: 9 and 16 step colour scales for 10 hues

input: `olv* setrgbcolor`

output: `no change compared to input`

See for similar files: <http://www.ps.bam.de/RE90/>
 Technical information: <http://www.ps.bam.de> Version 2.1, io=1.1

BAM registration: 20060101-RE90/L90E00N1.PS/.TXT
 application for evaluation and measurement of printer or monitor systems

BAM material: code=ha4ta
 RE900 Form 110 Series 11L Page 1 Page count: 1