

Input: Colorimetric Offset Reflective System ORS18

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

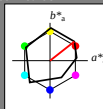
lab^*ch and lab^*nh

A: hue O

LCH*Ma: 48 82 38

ol*Ma: 1.0 0.0 0.0

triangle lightness t^*



%Gamut

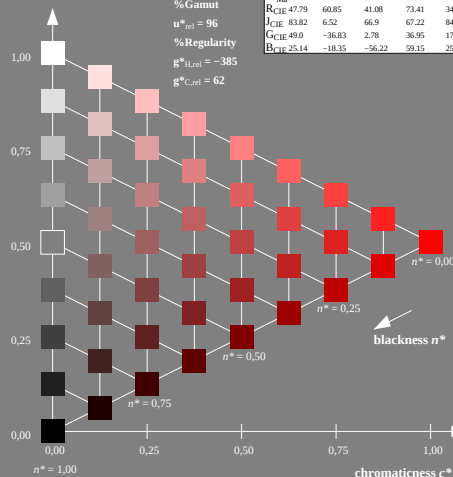
$u^*_{rel} = 96$

%Regularity

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

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

ORS18; adapted (a) CIELAB data					
$L^* = L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	
O _M 47.94	64.42	50.58	81.9	38	
Y _M 92.62	2.41	86.36	86.39	88	
L _M 50.9	-63.82	35.02	72.81	151	
C _M 51.25	-53.68	-57.69	78.82	227	
V _M 25.72	30.34	-44.37	53.76	304	
M _M 56.25	70.59	7.57	70.99	6	
N _M 18.11	0.0	0.0	0.0	0	
W _M 95.41	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	



RE70-7, 9 step scales for constant CIELAB hue 38/360 = 0.106 (left)

BAM-test chart RE70; Colorimetric systems ORS18 & TLS00

A: 9 and 16 step colour scales for 10 hues

Output: Colorimetric Television Luminous System TLS00

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

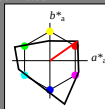
lab^*ch and lab^*nh

A: hue O

LCH*Ma: 66 90 35

ol*Ma: 1.0 0.0 0.0

triangle lightness t^*



%Gamut

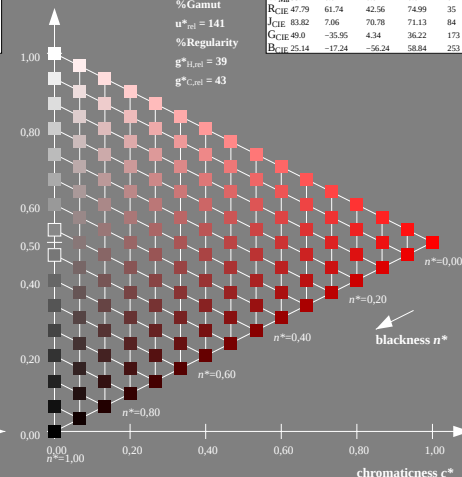
$u^*_{rel} = 141$

%Regularity

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

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

TLS00; adapted (a) CIELAB data					
$L^* = L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	
O _M 65.56	73.34	51.39	89.55	35	
Y _M 94.78	-3.49	52.24	52.36	94	
L _M 77.48	-92.97	36.0	99.71	159	
C _M 78.36	-82.69	-22.74	85.77	195	
V _M 12.55	38.81	-114.81	121.2	289	
M _M 66.71	76.08	-29.8	81.71	339	
N _M 0.01	0.0	0.0	0.0	0	
W _M 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	



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

input: ol* setrgbcolor

output: no change compared to input