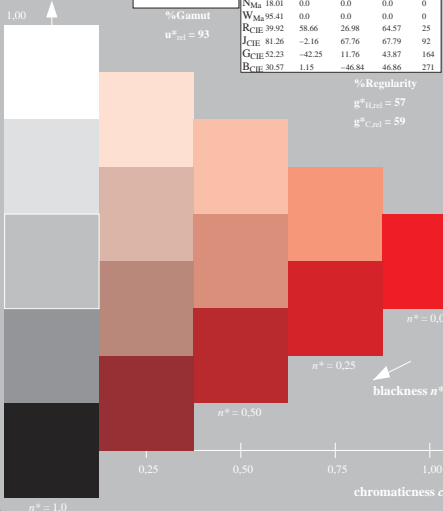


Input: Colorimetric Offset Reflective System ORS18

for hue  $h^* = \text{lab}^*h = 38/360 = 0.105$   
 $\text{lab}^*ch$  and  $\text{lab}^*nh$

D65: hue 0  
 LCH\*Ma: 48 83 38  
 olv\*Ma: 1.0 0.0 0.0

triangle lightness



ORS18; adapted (a) CIELAB data

	$L^* = L_a^*$	$a^*_a$	$b^*_a$	$C^*_{ab}$	$h^*_{ab}$
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>CIE</sub>	39.92	58.66	26.98	64.57	25
J <sub>CIE</sub>	81.26	-2.16	67.76	67.79	92
G <sub>CIE</sub>	52.23	-42.25	11.76	43.87	164
B <sub>CIE</sub>	30.57	1.15	-46.84	46.86	271

%Gamut

$u^*_{rel} = 93$

%Regularity

$g^*_{Hrel} = 59$

$g^*_{Crel} = 59$

%Regularity

$g^*_{Hrel} = 57$

$g^*_{Crel} = 57$

%Regularity

$g^*_{Hrel} = 59$

$g^*_{Crel} = 59$

%Regularity

$g^*_{Hrel} = 57$

$g^*_{Crel} = 57$

%Regularity

$g^*_{Hrel} = 59$

$g^*_{Crel} = 59$

%Regularity

$g^*_{Hrel} = 57$

$g^*_{Crel} = 57$

%Regularity

$g^*_{Hrel} = 59$

$g^*_{Crel} = 59$

%Regularity

$g^*_{Hrel} = 57$

$g^*_{Crel} = 57$

%Regularity

$g^*_{Hrel} = 59$

$g^*_{Crel} = 59$

%Regularity

$g^*_{Hrel} = 57$

$g^*_{Crel} = 57$

%Regularity

$g^*_{Hrel} = 59$

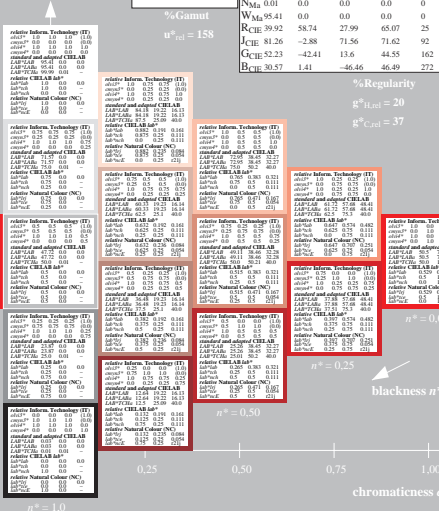
$g^*_{Crel} = 59$

Output: Colorimetric Television Luminous System TLS00

for hue  $h^* = \text{lab}^*h = 40/360 = 0.111$   
 $\text{lab}^*ch$  and  $\text{lab}^*nh$

D65: hue 0  
 LCH\*Ma: 51 100 40  
 olv\*Ma: 1.0 0.0 0.0

triangle lightness



TLS00; adapted (a) CIELAB data

	$L^* = L_a^*$	$a^*_a$	$b^*_a$	$C^*_{ab}$	$h^*_{ab}$
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	306
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>CIE</sub>	39.92	58.74	27.99	65.07	25
J <sub>CIE</sub>	81.26	-2.88	71.56	71.62	92
G <sub>CIE</sub>	52.23	-42.41	13.6	44.55	162
B <sub>CIE</sub>	30.57	1.41	-46.46	46.49	272

%Gamut

$u^*_{rel} = 158$

%Regularity

$g^*_{Hrel} = 20$

$g^*_{Crel} = 37$

%Regularity

$g^*_{Hrel} = 20$

$g^*_{Crel} = 37$

%Regularity

$g^*_{Hrel} = 20$

$g^*_{Crel} = 37$

%Regularity

$g^*_{Hrel} = 20$

$g^*_{Crel} = 37$

%Regularity

$g^*_{Hrel} = 20$

$g^*_{Crel} = 37$

%Regularity

$g^*_{Hrel} = 20$

$g^*_{Crel} = 37$

%Regularity

$g^*_{Hrel} = 20$

$g^*_{Crel} = 37$

%Regularity

$g^*_{Hrel} = 20$

$g^*_{Crel} = 37$

%Regularity

$g^*_{Hrel} = 20$

$g^*_{Crel} = 37$

%Regularity

$g^*_{Hrel} = 20$

$g^*_{Crel} = 37$

%Regularity

$g^*_{Hrel} = 20$

$g^*_{Crel} = 37$

OE400-7, 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 OE40; Colorimetric systems ORS18 & TLS00

input: *cmY0\** setcmykcolor

output: *cmY0\*/000n\** setcmykcolor

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