

Input: Colorimetric Offset Reflective System ORS18

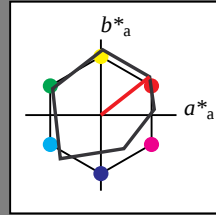
for hue $h^* = lab^*h = 38/360 = 0.106$

lab^*tch and lab^*nch

D65: hue O

LCH*Ma: 48 82 38

olv*Ma: 1.0 0.0 0.0



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	95.6	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

%Gamut

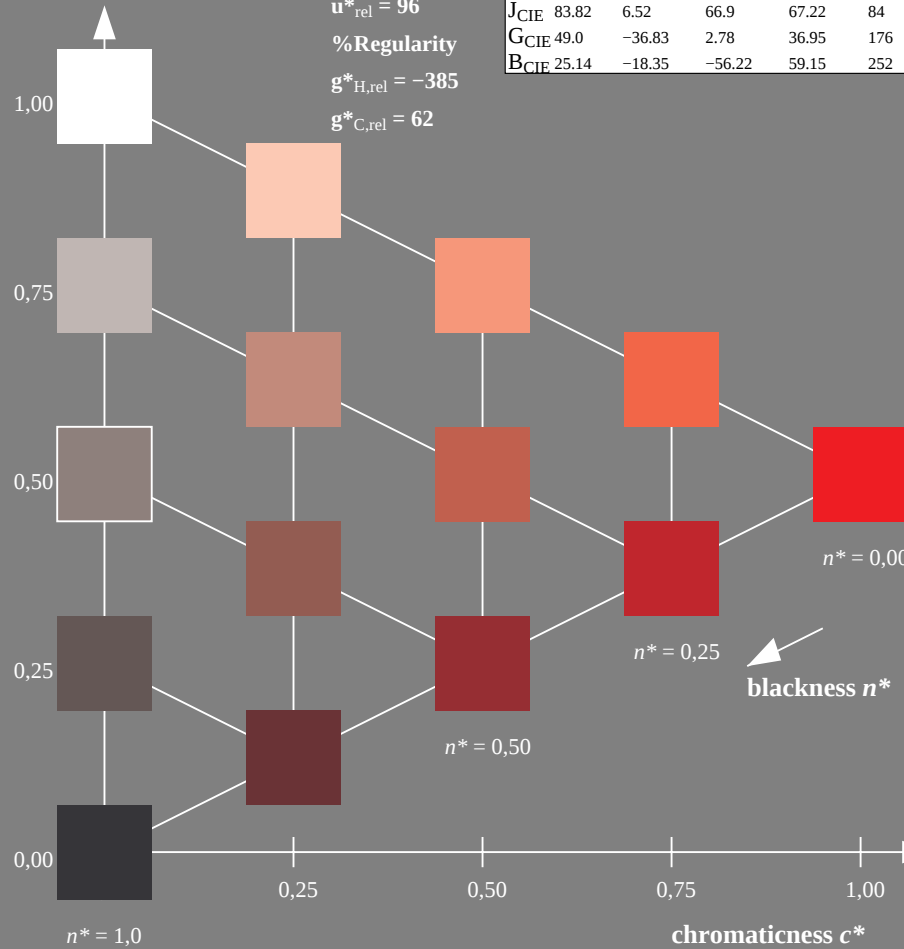
$u^*_{rel} = 96$

%Regularity

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

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

triangle lightness t^*



SE200-7, 5 step scales for constant CIELAB hue 38/360 = 0.106 (left)

Output: Colorimetric Television Luminous System TLS00

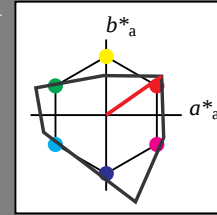
for hue $h^* = lab^*h = 35/360 = 0.097$

LAB^*LCH , LAB^*NCH

D65: hue O

LCH*Ma: 66 90 35

olv*Ma: 1.0 0.0 0.0



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

%Gamut

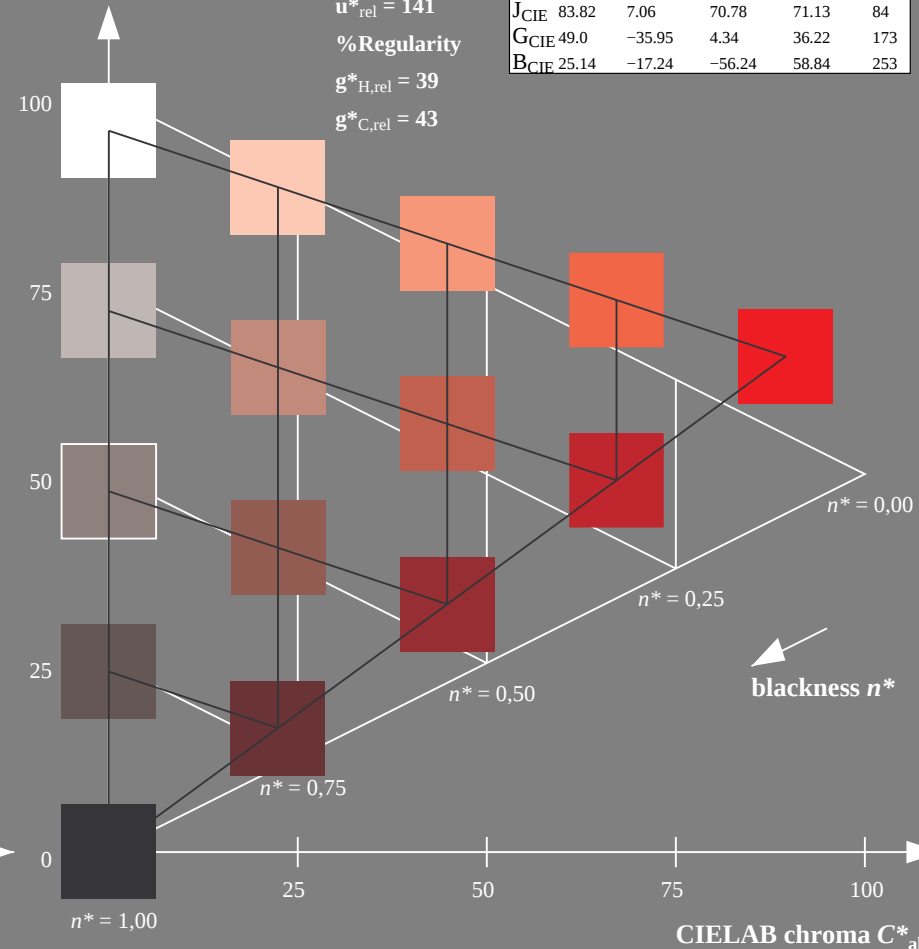
$u^*_{rel} = 141$

%Regularity

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

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

CIELAB lightness L^*



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