

Input: Colorimetric Offset Reflective System ORS18

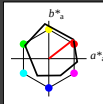
for hue $h^* = lab^*h = 38/360 = 0.105$

LAB*LCH, LAB*NCH

D65: hue O

LCH*Ma: 48 83 38

olv*Ma: 1.0 0.0 0.0



ORS18; adapted (a) CIELAB data

	$L^* = L^*_{a,b}$	$a^*_{a,b}$	$b^*_{a,b}$	$C^*_{a,b}$	$h^*_{a,b}$
O _{M3}	47.94	65.39	50.52	82.63	38
Y _{M3}	90.37	-10.26	91.75	92.32	96
L _{M3}	50.9	-62.83	34.96	71.91	151
C _{M3}	58.62	-30.34	-45.01	54.3	236
V _{M3}	25.72	31.1	-44.4	54.22	305
N _{M3}	48.13	75.28	-8.36	75.74	354
N _{M4}	18.01	0.0	0.0	0.0	0
W _{M3}	95.41	0.0	0.0	0.0	0
R _{CIE}	39.92	58.66	26.98	64.57	25
J _{CIE}	81.26	-2.16	67.76	67.79	92
G _{CIE}	52.23	-42.25	11.76	43.87	164
B _{CIE}	30.57	1.15	-46.84	46.86	271

CIELAB lightness L^*

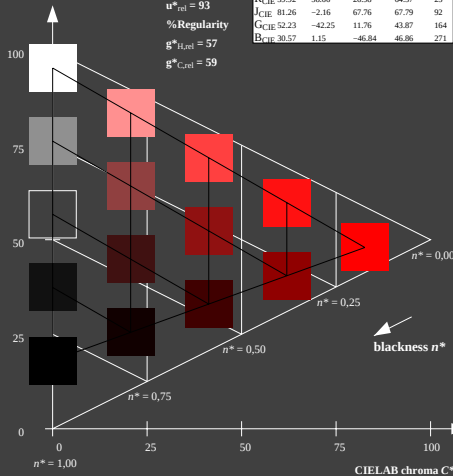
%Gamut

$u^*_{rel} = 93$

%Regularity

$g^*_{H,rel} = 57$

$g^*_{C,rel} = 59$



NE310-7, 5 step scales for constant CIELAB hue 38/360 = 0.105 (left)

Output: Colorimetric Television Luminous System TLS18

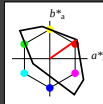
for hue $h^* = lab^*h = 35/360 = 0.097$

LAB*LCH, LAB*NCH

D65: hue O

LCH*Ma: 53 87 35

olv*Ma: 1.0 0.0 0.0



TLS18; adapted (a) CIELAB data

	$L^* = L^*_{a,b}$	$a^*_{a,b}$	$b^*_{a,b}$	$C^*_{a,b}$	$h^*_{a,b}$
O _{M3}	52.76	71.63	49.88	87.29	35
Y _{M3}	92.74	-20.02	84.97	87.3	103
L _{M3}	84.0	-78.98	73.94	108.2	137
C _{M3}	87.14	-44.41	-13.11	46.32	196
V _{M3}	35.47	64.92	-95.06	115.12	304
N _{M3}	59.01	89.33	-55.67	105.26	328
N _{M4}	18.01	0.0	0.0	0.0	0
W _{M3}	95.41	0.0	0.0	0.0	0
R _{CIE}	39.92	58.74	27.99	65.07	25
J _{CIE}	81.26	-2.88	71.56	71.62	92
G _{CIE}	52.23	-42.41	13.6	44.55	162
B _{CIE}	30.57	1.41	-46.46	46.49	272

CIELAB lightness L^*

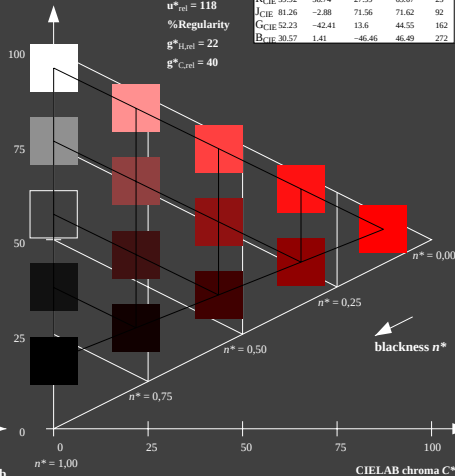
%Gamut

$u^*_{rel} = 118$

%Regularity

$g^*_{H,rel} = 22$

$g^*_{C,rel} = 40$



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

BAM-test chart NE31; Colorimetric systems ORS18 & TLS18

D65: Coordinate systems of 5 step colour scales for 10 hues

input: olv*setrgbcolor

output: olv*setrgbcolor / w* setgray