

Input: Colorimetric Television Luminous System TLS18

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

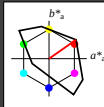
lab^*ch and lab^*nh

D65: hue O

LCH*Ma: 53 87 35

olvm*Ma: 1.0 0.0 0.0

triangle lightness t^*



%Gamut

$u^*_{rel} = 118$

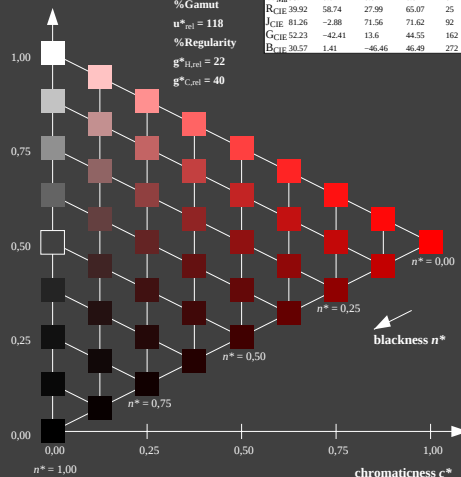
%Regularity

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

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

TLS18; adapted (a) CIELAB data

$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _M 52.76	71.63	49.88	87.29	35
Y _M 92.74	-20.02	84.97	87.3	103
L _M 84.0	-78.98	73.94	108.2	137
C _M 87.14	-44.41	-13.11	46.32	196
V _M 35.47	64.92	-95.06	115.12	304
M _M 59.01	89.33	-55.67	105.26	328
N _M 18.01	0.0	0.0	0.0	0
W _M 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



NE79-7, 9 step scales for constant CIELAB hue 35/360 = 0.097 (left)

BAM-test chart NE79; Colorimetric systems TLS18 & TLS18
D65: 9 and 16 step colour scales for 10 hues

Output: Colorimetric Television Luminous System TLS18

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

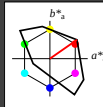
lab^*ch and lab^*nh

D65: hue O

LCH*Ma: 53 87 35

olvm*Ma: 1.0 0.0 0.0

triangle lightness t^*



%Gamut

$u^*_{rel} = 118$

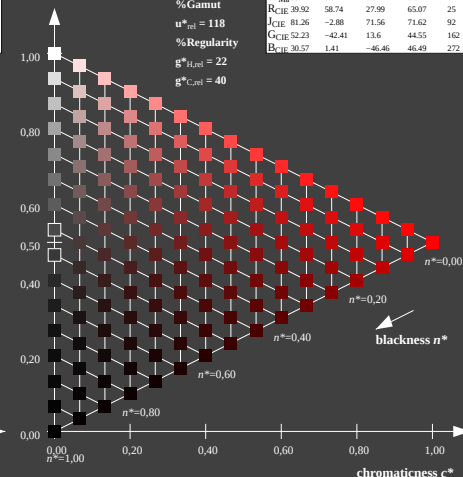
%Regularity

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TLS18; adapted (a) CIELAB data

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

input: `olv*setrgbcolor`
output: `olv*setrgbcolor / w*setgray`