

Input: Colorimetric Television Luminous System TLS18

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

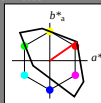
lab^*ch and lab^*nch

D65: hue O

LCH*Ma: 53 87 35

olv*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_{M2}	52.76	71.63	49.88	87.29	35
Y_{M2}	92.74	-20.02	84.97	87.3	103
L_{M2}	84.0	-78.98	73.94	108.2	137
C_{M2}	87.14	-44.41	-13.11	46.32	196
V_{M2}	35.47	64.92	-95.06	115.12	304
M_{M2}	59.01	89.33	-55.67	105.26	328
N_{M2}	18.01	0.0	0.0	0.0	0
W_{M2}	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

Output: Colorimetric Television Luminous System TLS18

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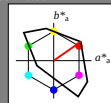
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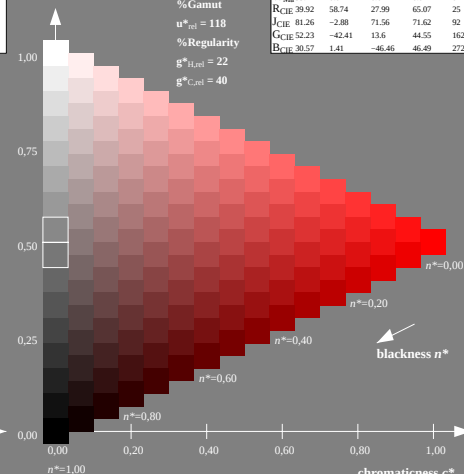
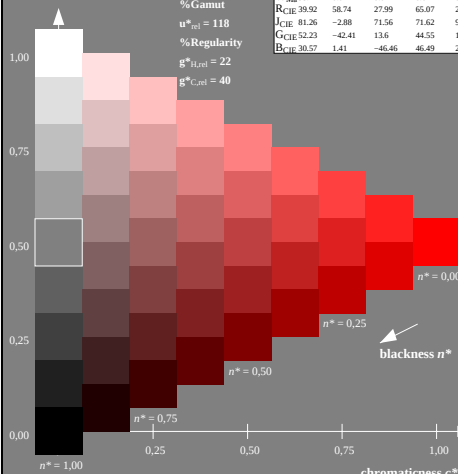
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NE99-7, 9 step scales for constant CIELAB hue 35/360 = 0.097 (left)

BAM-test chart NE99; Colorimetric systems TLS18 & TLS18
D65: 9 and 16 step colour scales for 10 hues

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

input: olv* setrgbcolor
output: no change compared to input