

Input: Colorimetric Television Luminous System TLS18

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

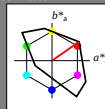
lab^*ch and lab^*nh

D65: hue O

LCH*Ma: 53 87 35

ol*Ma: 1.0 0.0 0.0

triangle lightness t^*



	$L^*=L_a^*$	a^*	b^*	$C^*_{ab,a}$	$h^*_{ab,a}$
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

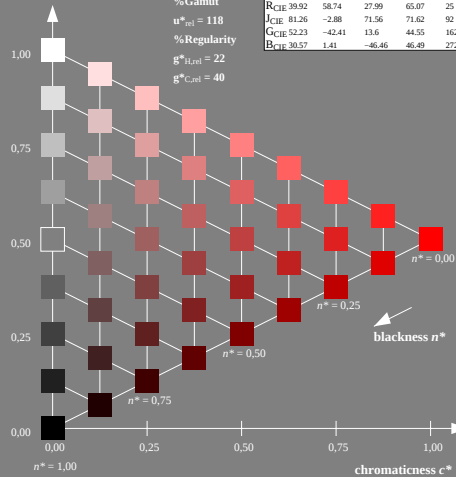
%Gamut

$u^*_{rel} = 118$

%Regularity

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

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



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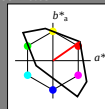
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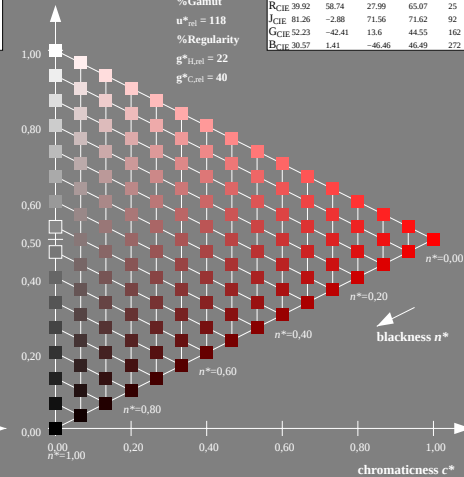
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NE790-7, 9 step scales for constant CIELAB hue 35/360 = 0.097 (left)

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

BAM-test chart NE79; Colorimetric systems TLS18 & TLS18

D65: 9 and 16 step colour scales for 10 hues

input: ol* setrgbcolor

output: no change compared to input