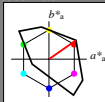


Input: Colorimetric Television Luminous System TLS18

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

D65: hue O
 LCH*Ma: 53 87 35
 olv*Ma: 1.0 0.0 0.0

triangle lightness l^*



%Gamut
 $u^*_{rel} = 118$
 %Regularity
 $g^*_{C,rel} = 22$
 $g^*_{C,rel} = 40$

TLS18; adapted (a) CIELAB data

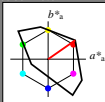
L^*	a^*	b^*	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma} 52.76	71.63	49.88	87.29	35
Y _{Ma} 92.74	-20.02	84.97	87.3	103
L _{Ma} 84.0	-78.98	73.94	108.2	137
C _{Ma} 87.14	-44.41	-13.11	46.32	196
V _{Ma} 35.47	64.92	-95.06	115.12	304
M _{Ma} 59.01	89.33	-55.67	105.26	328
N _{Ma} 18.01	0.0	0.0	0.0	0
W _{Ma} 95.41	0.0	0.0	0.0	0
R _{CE} 39.92	58.74	27.99	65.07	25
J _{CE} 81.26	-2.88	71.56	71.62	92
G _{CE} 52.23	-4.21	13.6	44.55	162
B _{CE} 30.57	1.41	-46.46	46.49	272

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relative Inform. Technology (IT)

olvi3*	1.0	1.0	1.0	(1.0)
cmyn3*	0.0	0.0	0.0	(0.0)
olvi4*	1.0	1.0	1.0	1.0
cmyn4*	0.0	0.0	0.0	0.0

standard and adapted CIELAB

LAB*LAB	95.41	0.0	0.0
LAB*Lab	95.41	0.0	0.0
LAB*TC _{Ha}	99.99	0.01	-

relative CIELAB lab*

lab*lab	1.0	0.0	0.0
lab*tch	1.0	0.0	-
lab*nch	0.0	0.0	-

relative Natural Colour (NC)

lab*lrj	1.0	0.0	0.0
lab*nce	1.0	0.0	-
lab*nce	0.0	0.0	-

relative Inform. Technology (IT)

olvi3*	0.5	0.5	0.5	(1.0)
cmyn3*	0.5	0.5	0.5	(0.0)
olvi4*	1.0	1.0	1.0	0.5
cmyn4*	0.0	0.0	0.0	0.5

standard and adapted CIELAB

LAB*LAB	56.72	0.0	0.0
LAB*Lab	56.72	0.0	0.0
LAB*TC _{Ha}	50.0	0.01	-

relative CIELAB lab*

lab*lab	0.5	0.0	0.0
lab*tch	0.5	0.0	-
lab*nch	0.5	0.0	-

relative Natural Colour (NC)

lab*lrj	0.5	0.0	0.0
lab*nce	0.5	0.0	-
lab*nce	0.5	0.0	-

relative Inform. Technology (IT)

olvi3*	0.0	0.0	0.0	(1.0)
cmyn3*	1.0	1.0	1.0	(0.0)
olvi4*	1.0	1.0	1.0	0.0
cmyn4*	0.0	0.0	0.0	1.0

standard and adapted CIELAB

LAB*LAB	18.03	0.0	0.0
LAB*Lab	18.03	0.0	0.0
LAB*TC _{Ha}	0.01	0.01	-

relative CIELAB lab*

lab*lab	0.0	0.0	0.0
lab*tch	0.0	0.0	-
lab*nch	1.0	0.0	-

relative Natural Colour (NC)

lab*lrj	0.0	0.0	0.0
lab*nce	0.0	0.0	-
lab*nce	0.5	0.5	-

relative Inform. Technology (IT)

olvi3*	1.0	0.5	0.5	(1.0)
cmyn3*	0.0	0.5	0.5	(0.0)
olvi4*	1.0	0.0	0.5	1.0
cmyn4*	0.0	0.5	0.5	0.0

standard and adapted CIELAB

LAB*LAB	74.08	35.81	24.94
LAB*Lab	74.08	35.81	24.94
LAB*TC _{Ha}	75.0	43.63	34.85

relative CIELAB lab*

lab*lab	0.724	0.41	0.286
lab*tch	0.75	0.5	0.097
lab*nch	0.5	0.5	0.097

relative Natural Colour (NC)

lab*lrj	0.724	0.488	0.109
lab*nce	0.75	0.5	0.035
lab*nce	0.0	0.5	0.141

relative Inform. Technology (IT)

olvi3*	0.5	0.0	0.0	(1.0)
cmyn3*	0.5	1.0	1.0	(0.0)
olvi4*	1.0	0.5	0.5	0.5
cmyn4*	0.0	0.5	0.5	0.5

standard and adapted CIELAB

LAB*LAB	35.39	35.81	24.94
LAB*Lab	35.39	35.81	24.94
LAB*TC _{Ha}	25.01	43.63	34.85

relative CIELAB lab*

lab*lab	0.225	0.41	0.286
lab*tch	0.25	0.5	0.097
lab*nch	0.5	0.5	0.097

relative Natural Colour (NC)

lab*lrj	0.225	0.488	0.109
lab*nce	0.25	0.5	0.035
lab*nce	0.5	0.5	0.141

relative Inform. Technology (IT)

olvi3*	1.0	0.0	0.0	(1.0)
cmyn3*	0.0	1.0	1.0	0.0
olvi4*	1.0	0.0	0.0	1.0
cmyn4*	0.0	1.0	1.0	0.0

standard and adapted CIELAB

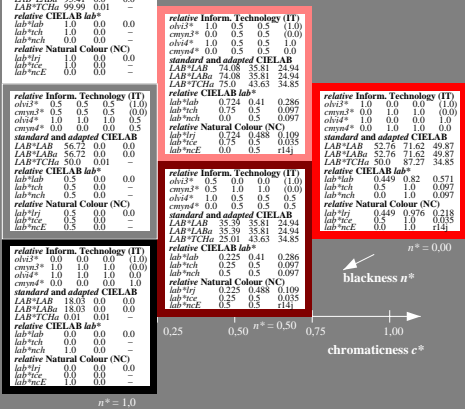
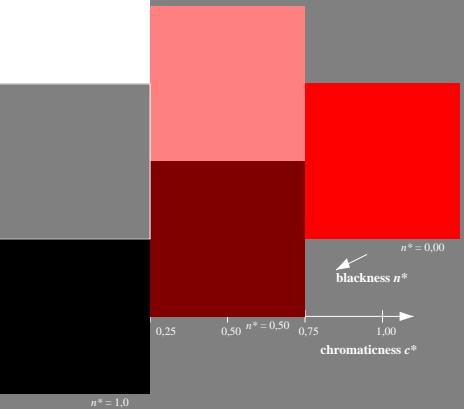
LAB*LAB	52.76	71.62	49.87
LAB*Lab	52.76	71.62	49.87
LAB*TC _{Ha}	50.0	87.27	34.85

relative CIELAB lab*

lab*lab	0.449	0.82	0.571
lab*tch	0.449	0.976	0.218
lab*nch	0.5	1.0	0.097

relative Natural Colour (NC)

lab*lrj	0.449	0.976	0.218
lab*nce	0.5	1.0	0.035
lab*nce	0.0	1.0	0.141



See for similar files: <http://www.ps.bam.de/NE09/>
 Technical information: <http://www.ps.bam.de/Version 2.1, io=1.1, CIELAB>

BAM registration: 20060101-NE09/L09E00F1.PS/TXT
 application for evaluation and measurement of printer or monitor systems
 BAM material: code=ha4ta
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