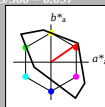


Input: Colorimetric Television Luminous System TLS18

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 t^*



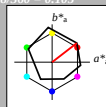
%Gamut
 $u^*_{rel} = 118$
%Regularity
 $g^*_{H,rel} = 22$
 $g^*_{C,rel} = 40$

TLS18; adapted (a) CIELAB data						
$L^* = L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$		
OMa 52.76	71.63	49.88	87.29	35		
YMa 92.74	-20.02	84.97	87.3	103		
LMa 84.0	-78.98	73.94	108.2	137		
CMa 87.14	-44.41	-13.11	46.32	196		
VMa 35.47	64.92	-95.06	115.12	304		
MMa 59.01	89.33	-55.67	105.26	328		
NMa 18.01	0.0	0.0	0.0	0		
WMa 95.41	0.0	0.0	0.0	0		
RCIE 39.92	58.74	27.99	65.07	25		
JCIE 81.26	-2.88	71.56	71.62	92		
GCIE 52.23	-42.41	13.6	44.55	162		
BCIE 30.57	1.41	-46.46	46.49	272		

Output: Colorimetric Offset Reflective System ORS18

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

D65: hue O
LCH*Ma: 48 83 38
olv*Ma: 1.0 0.0 0.0
triangle lightness t^*



%Gamut
 $u^*_{rel} = 93$
%Regularity
 $g^*_{H,rel} = 57$
 $g^*_{C,rel} = 59$

ORS18; adapted (a) CIELAB data						
$L^* = L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$		
OMa 47.94	65.39	50.52	82.63	38		
YMa 90.37	-10.26	91.75	92.32	96		
LMa 50.9	-62.03	34.96	71.91	151		
CMa 58.62	-30.34	-45.01	54.3	236		
VMa 25.72	31.1	-44.4	54.22	305		
MMa 48.13	75.28	-8.36	75.74	354		
NMa 18.01	0.0	0.0	0.0	0		
WMa 95.41	0.0	0.0	0.0	0		
RCIE 39.92	58.66	26.98	64.57	25		
JCIE 81.26	-2.16	67.76	67.79	92		
GCIE 52.23	-42.25	11.76	43.87	164		
BCIE 30.57	1.15	-46.84	46.86	271		

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	-0.98	4.75			
LAB*Lab	95.41	0.0	0.0			
LAB*TChe	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*trc	1.0	0.0	-			
lab*nce	0.0	0.0	-			

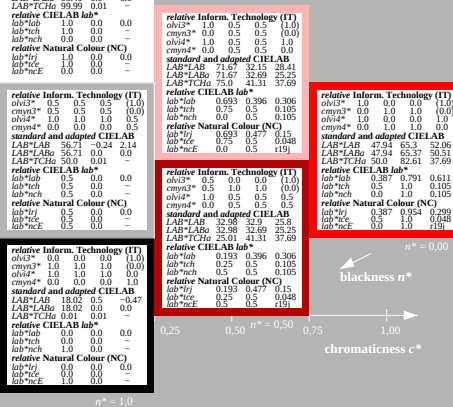
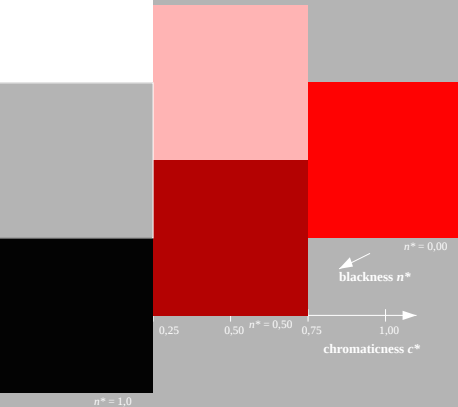
relative Inform. Technology (IT)						
olvi3*	1.0	0.5	0.5	(1.0)		
cmyn3*	0.0	0.5	0.5	(0.0)		
olvi4*	1.0	0.5	0.5	1.0		
cmyn4*	0.0	0.5	0.5	0.0		
standard and adapted CIELAB						
LAB*LAB	71.67	32.15	28.41			
LAB*Lab	71.67	32.15	28.41			
LAB*TChe	75.0	41.31	37.69			
relative CIELAB lab*						
lab*lab	0.693	0.396	0.306			
lab*tch	0.75	0.5	0.105			
lab*nch	0.0	0.5	0.105			
lab*lrj	0.693	0.477	0.15			
lab*trc	0.75	0.5	0.048			
lab*nce	0.0	0.5	0.195			

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	47.94	65.3	52.06			
LAB*Lab	47.94	65.37	50.51			
LAB*TChe	50.0	82.61	37.69			
relative CIELAB lab*						
lab*lab	0.387	0.791	0.611			
lab*tch	0.387	0.954	0.299			
lab*nch	0.0	1.0	0.105			
lab*lrj	0.387	0.954	0.299			
lab*trc	0.5	1.0	0.048			
lab*nce	0.0	1.0	0.195			

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	56.71	-0.24	2.14			
LAB*Lab	56.71	0.0	0.0			
LAB*TChe	50.0	0.01	-			
relative CIELAB lab*						
lab*lab	0.5	0.0	0.0			
lab*tch	0.5	0.0	0.0			
lab*nch	0.5	0.0	-			
relative Natural Colour (NC)						
lab*lrj	0.5	0.0	0.0			
lab*trc	0.5	0.0	-			
lab*nce	0.5	0.0	-			

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	32.98	32.9	25.8			
LAB*Lab	32.98	32.69	25.25			
LAB*TChe	25.01	41.31	37.69			
relative CIELAB lab*						
lab*lab	0.193	0.396	0.306			
lab*tch	0.25	0.5	0.105			
lab*nch	0.5	0.5	0.105			
relative Natural Colour (NC)						
lab*lrj	0.193	0.477	0.15			
lab*trc	0.25	0.5	0.048			
lab*nce	0.5	0.5	0.195			

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	18.02	0.5	-0.47			
LAB*Lab	18.02	0.0	0.0			
LAB*TChe	0.01	0.01	-			
relative CIELAB lab*						
lab*lab	0.0	0.0	0.0			
lab*tch	0.0	0.0	0.0			
lab*nch	1.0	0.0	-			
relative Natural Colour (NC)						
lab*lrj	0.0	0.0	0.0			
lab*trc	0.0	0.0	-			
lab*nce	1.0	0.0	-			



NE06-7, 3 step scales for constant CIELAB hue 35/360 = 0.097 (left)

3 step scales for constant CIELAB hue 38/360 = 0.105 (right)

BAM-test chart NE06; Colorimetric systems TLS18 & ORS18
D65: 3 step colour scales and coordinate data for 10 hues

input: $olv^*setrgbcolor$
output: $olv^*setrgbcolor / w^*setgray$