

Input: Colorimetric Television Luminous System TLS00

for hue $h^* = lab^*h = 40/360 = 0.111$

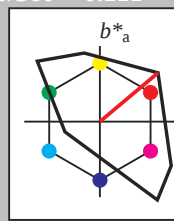
lab^*tch and lab^*nch

D65: hue O

LCH*Ma: 51 100 40

olv*Ma: 1.0 0.0 0.0

triangle lightness t^*



% Gamut

$u^*_{rel} = 158$

relative Inform. Technology (IT)

olvi3*	1.0	1.0	1.0	(1.0)
olvi3*	0.0	0.0	0.0	(0.0)
olvi4*	1.0	1.0	1.0	(1.0)
olvi4*	0.0	0.0	0.0	(0.0)
olvi4*	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*Lab	99.99	0.01	0.0

relative Inform. Technology (IT)

olvi3*	1.0	0.75	0.75	(1.0)
olvi3*	0.0	0.25	0.25	(0.0)
olvi4*	1.0	0.75	0.75	(1.0)
olvi4*	0.0	0.25	0.25	(0.0)
olvi4*	0.0	0.25	0.25	(0.0)

standard and adapted CIELAB

LAB*Lab	84.18	19.22	16.13
LAB*Lab	84.18	19.22	16.13
LAB*Lab	97.5	25.09	40.0

relative Inform. Technology (IT)

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

standard and adapted CIELAB

LAB*Lab	72.95	38.45	32.27
LAB*Lab	72.95	38.45	32.27
LAB*Lab	75.0	50.2	40.0

relative Inform. Technology (IT)

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

standard and adapted CIELAB

LAB*Lab	61.72	57.68	48.41
LAB*Lab	61.72	57.68	48.41
LAB*Lab	62.5	75.3	40.0

relative Inform. Technology (IT)

olvi3*	1.0	0.0	0.0	(1.0)
olvi3*	0.0	0.0	0.0	(0.0)
olvi4*	1.0	0.0	0.0	(1.0)
olvi4*	0.0	0.0	0.0	(0.0)
olvi4*	0.0	0.0	0.0	(0.0)

standard and adapted CIELAB

LAB*Lab	50.0	50.0	40.0
LAB*Lab	50.0	50.0	40.0
LAB*Lab	50.0	50.0	40.0

relative Inform. Technology (IT)

olvi3*	1.0	0.0	0.0	(1.0)
olvi3*	0.0	0.0	0.0	(0.0)
olvi4*	1.0	0.0	0.0	(1.0)
olvi4*	0.0	0.0	0.0	(0.0)
olvi4*	0.0	0.0	0.0	(0.0)

standard and adapted CIELAB

LAB*Lab	50.0	50.0	40.0
LAB*Lab	50.0	50.0	40.0
LAB*Lab	50.0	50.0	40.0

relative Inform. Technology (IT)

olvi3*	1.0	0.0	0.0	(1.0)
olvi3*	0.0	0.0	0.0	(0.0)
olvi4*	1.0	0.0	0.0	(1.0)
olvi4*	0.0	0.0	0.0	(0.0)
olvi4*	0.0	0.0	0.0	(0.0)

standard and adapted CIELAB

LAB*Lab	50.0	50.0	40.0
LAB*Lab	50.0	50.0	40.0
LAB*Lab	50.0	50.0	40.0

relative Inform. Technology (IT)

olvi3*	1.0	0.0	0.0	(1.0)
olvi3*	0.0	0.0	0.0	(0.0)
olvi4*	1.0	0.0	0.0	(1.0)
olvi4*	0.0	0.0	0.0	(0.0)
olvi4*	0.0	0.0	0.0	(0.0)

standard and adapted CIELAB

LAB*Lab	50.0	50.0	40.0
LAB*Lab	50.0	50.0	40.0
LAB*Lab	50.0	50.0	40.0

relative Inform. Technology (IT)

olvi3*	1.0	0.0	0.0	(1.0)
olvi3*	0.0	0.0	0.0	(0.0)
olvi4*	1.0	0.0	0.0	(1.0)
olvi4*	0.0	0.0	0.0	(0.0)
olvi4*	0.0	0.0	0.0	(0.0)

standard and adapted CIELAB

LAB*Lab	50.0	50.0	40.0
LAB*Lab	50.0	50.0	40.0
LAB*Lab	50.0	50.0	40.0

relative Inform. Technology (IT)

olvi3*	1.0	0.0	0.0	(1.0)
olvi3*	0.0	0.0	0.0	(0.0)
olvi4*	1.0	0.0	0.0	(1.0)
olvi4*	0.0	0.0	0.0	(0.0)
olvi4*	0.0	0.0	0.0	(0.0)

standard and adapted CIELAB

LAB*Lab	50.0	50.0	40.0
LAB*Lab	50.0	50.0	40.0
LAB*Lab	50.0	50.0	40.0

$n^* = 0.50$

$n^* = 0.25$

$n^* = 0.00$

$n^* = 0.25$

$n^* = 0.50$

$n^* = 0.75$

$n^* = 1.00$

$n^* = 1.0$

$n^* = 0.75$

$n^* = 0.50$

$n^* = 0.25$

$n^* = 0.00$

chromaticness c^*

Output: Colorimetric Offset Reflective System ORS18

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

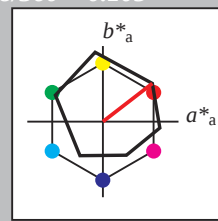
lab^*tch and lab^*nch

D65: hue O

LCH*Ma: 48 83 38

olv*Ma: 1.0 0.0 0.0

triangle lightness t^*



% Gamut

$u^*_{rel} = 93$

relative Inform. Technology (IT)

olvi3*	1.0	1.0	1.0	(1.0)
olvi3*	0.0	0.0	0.0	(0.0)
olvi4*	1.0	1.0	1.0	(1.0)
olvi4*	0.0	0.0	0.0	(0.0)
olvi4*	0.0	0.0	0.0	(0.0)

standard and adapted CIELAB

LAB*Lab	95.41	-0.98	4.75
LAB*Lab	95.41	-0.98	4.75
LAB*Lab	99.99	0.01	0.0

relative Inform. Technology (IT)

olvi3*	1.0	0.75	0.75	(1.0)
olvi3*	0.0	0.25	0.25	(0.0)
olvi4*	1.0	0.75	0.75	(1.0)
olvi4*	0.0	0.25	0.25	(0.0)
olvi4*	0.0	0.25	0.25	(0.0)

standard and adapted CIELAB

LAB*Lab	83.54	15.58	16.58
LAB*Lab	83.54	15.58	16.58
LAB*Lab	87.5	20.65	37.69

relative Inform. Technology (IT)

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

standard and adapted CIELAB

LAB*Lab	76.06	-0.61	3.44
LAB*Lab	76.06	-0.61	3.44
LAB*Lab	75.0	0.01	0.0

relative Inform. Technology (IT)

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

standard and adapted CIELAB

LAB*Lab	64.19	15.96	15.28
LAB*Lab	64.19	15.96	15.28
LAB*Lab	64.19	15.96	15.28

relative Inform. Technology (IT)

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

standard and adapted CIELAB

LAB*Lab	56.71	0.24	2.14
LAB*Lab	56.71	0.24	2.14
LAB*Lab	50.0	0.01	0.0

relative Inform. Technology (IT)

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

standard and adapted CIELAB

LAB*Lab	56.71	0.24	2.14
LAB*Lab	56.71	0.24	2.14
LAB*Lab	50.0	0.01	0.0

relative Inform. Technology (IT)

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

standard and adapted CIELAB

LAB*Lab	56.71	0.24	2.14
LAB*Lab	56.71	0.24	2.14
LAB*Lab	50.0	0.01	0.0

relative Inform. Technology (IT)

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

standard and adapted CIELAB

LAB*Lab	56.71	0.24	2.14
LAB*Lab	56.71	0.24	2.14
LAB*Lab	50.0	0.01	0.0

relative Inform. Technology (IT)

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

standard and adapted CIELAB

LAB*Lab	56.71	0.24	2.14
LAB*Lab	56.71	0.24	2.14
LAB*Lab	50.0	0.01	0.0

relative Inform. Technology (IT)

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

standard and adapted CIELAB

LAB*Lab	56.71	0.24	2.14
LAB*Lab	56.71	0.24	2.14
LAB*Lab	50.0	0.01	0.0

relative Inform. Technology (IT)

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

standard and adapted CIELAB

LAB*Lab	56.71	0.24	2.14
LAB*Lab	56.71	0.24	2.14
LAB*Lab	50.0	0.01	0.0

relative Inform. Technology (IT)

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

standard and adapted CIELAB

LAB*Lab	56.71	0.24	2.14
LAB*Lab	56.71	0.24	2.14
LAB*Lab	50.0	0.01	0.0

relative Inform. Technology (IT)

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

standard and adapted CIELAB

LAB*Lab	56.71	0.24	2.14
LAB*Lab	56.71	0.24	2.14
LAB*Lab	50.0	0.01	0.0

OE550-7, 5 step scales for constant CIELAB hue 40/360 = 0.111 (left)

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

BAM-test chart OE55; Colorimetric systems TLS00 & ORS18

D65: 2 coordinate data of 5 step colour scales for 10 hues

input: `cmv0* setcmvcolor`

output: `cmv0* / 000n* setcmvcolor`

Input: Colorimetric Television Luminous System TLS00

for hue $h^* = lab^*h = 103/360 = 0.286$

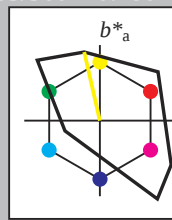
lab^*tch and lab^*nch

D65: hue Y

LCH*Ma: 93 93 103

olv*Ma: 1.0 1.0 0.0

triangle lightness t^*



TLS00; adapted (a) CIELAB data					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	50.5	76.92	64.55	100.42	40
Y _{Ma}	92.66	-20.69	90.75	93.08	103
L _{Ma}	83.63	-82.75	79.9	115.04	136
C _{Ma}	86.88	-46.16	-13.55	48.12	196
V _{Ma}	30.39	76.06	-103.59	128.52	306
M _{Ma}	57.3	94.35	-58.41	110.97	328
N _{Ma}	0.01	0.0	0.0	0.0	0
W _{Ma}	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

%Regularity

$g^*_{H,rel} = 20$

$g^*_{C,rel} = 37$

relative Inform. Technology (IT)					
olv3*	1.0	1.0	1.0	(1.0)	
cmv3*	0.0	0.0	0.0	(0.0)	
olv4*	1.0	1.0	1.0	(1.0)	
cmv4*	0.0	0.0	0.0	(0.0)	
standard and adapted CIELAB					
LAB*LAB	95.41	0.0	0.0		
LAB*LABa	95.41	0.0	0.0		
LAB*LABb	99.99	0.01	0.0		

relative CIELAB lab*					
lab*lab	1.0	0.0	0.0		
lab*tch	1.0	0.0	0.0		
lab*nch	0.0	0.0	0.0		
relative Natural Colour (NC)					
lab*trj	1.0	0.0	0.0		
lab*tce	1.0	0.0	0.0		
lab*nce	0.0	0.0	0.0		

relative Inform. Technology (IT)					
olv3*	0.75	0.75	0.75	(1.0)	
cmv3*	0.25	0.25	0.25	(0.0)	
olv4*	1.0	1.0	1.0	(1.0)	
cmv4*	0.0	0.0	0.0	(0.0)	
standard and adapted CIELAB					
LAB*LAB	71.57	0.0	0.0		
LAB*LABa	71.57	0.0	0.0		
LAB*LABb	75.00	0.01	0.0		

relative CIELAB lab*					
lab*lab	0.75	0.0	0.0		
lab*tch	0.75	0.0	0.0		
lab*nch	0.0	0.0	0.0		
relative Natural Colour (NC)					
lab*trj	0.75	0.0	0.0		
lab*tce	0.75	0.0	0.0		
lab*nce	0.0	0.0	0.0		

relative Inform. Technology (IT)					
olv3*	0.25	0.25	0.25	(1.0)	
cmv3*	0.75	0.75	0.75	(0.0)	
olv4*	1.0	1.0	1.0	(1.0)	
cmv4*	0.0	0.0	0.0	(0.0)	
standard and adapted CIELAB					
LAB*LAB	47.72	0.0	0.0		
LAB*LABa	47.72	0.0	0.0		
LAB*LABb	50.00	0.01	0.0		

relative CIELAB lab*					
lab*lab	0.25	0.0	0.0		
lab*tch	0.25	0.0	0.0		
lab*nch	0.0	0.0	0.0		
relative Natural Colour (NC)					
lab*trj	0.25	0.0	0.0		
lab*tce	0.25	0.0	0.0		
lab*nce	0.0	0.0	0.0		

relative Inform. Technology (IT)					
olv3*	0.25	0.25	0.25	(1.0)	
cmv3*	0.75	0.75	0.75	(0.0)	
olv4*	1.0	1.0	1.0	(1.0)	
cmv4*	0.0	0.0	0.0	(0.0)	
standard and adapted CIELAB					
LAB*LAB	23.87	0.0	0.0		
LAB*LABa	23.87	0.0	0.0		
LAB*LABb	25.00	0.01	0.0		

relative CIELAB lab*					
lab*lab	0.25	0.0	0.0		
lab*tch	0.25	0.0	0.0		
lab*nch	0.0	0.0	0.0		
relative Natural Colour (NC)					
lab*trj	0.25	0.0	0.0		
lab*tce	0.25	0.0	0.0		
lab*nce	0.0	0.0	0.0		

relative Inform. Technology (IT)					
olv3*	0.0	0.0	0.0	(1.0)	
cmv3*	1.0	1.0	1.0	(0.0)	
olv4*	1.0	1.0	1.0	(1.0)	
cmv4*	0.0	0.0	0.0	(0.0)	
standard and adapted CIELAB					
LAB*LAB	0.03	0.0	0.0		
LAB*LABa	0.03	0.0	0.0		
LAB*LABb	0.01	0.0	0.0		

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	0.0		
relative Natural Colour (NC)					
lab*trj	0.0	0.0	0.0		
lab*tce	0.0	0.0	0.0		
lab*nce	1.0	0.0	0.0		

$n^* = 1.0$

relative Inform. Technology (IT)					
olv3*	1.0	1.0	0.75	(1.0)	
cmv3*	0.0	0.0	0.25	(0.0)	
olv4*	1.0	1.0	0.75	(1.0)	
cmv4*	0.0	0.0	0.25	(0.0)	
standard and adapted CIELAB					
LAB*LAB	94.71	-5.16	22.68		
LAB*LABa	94.71	-5.16	22.68		
LAB*LABb	97.5	23.26	102.85		

relative CIELAB lab*					
lab*lab	0.993	-0.055	0.244		
lab*tch	0.875	0.25	0.286		
lab*nch	0.0	0.25	0.286		
relative Natural Colour (NC)					
lab*trj	0.993	-0.058	0.243		
lab*tce	0.875	0.25	0.286		
lab*nce	0.0	0.25	0.286		

relative Inform. Technology (IT)					
olv3*	0.75	0.75	0.25	(1.0)	
cmv3*	0.25	0.25	0.75	(0.0)	
olv4*	1.0	1.0	0.75	(1.0)	
cmv4*	0.0	0.0	0.25	(0.0)	
standard and adapted CIELAB					
LAB*LAB	70.87	-5.17	22.69		
LAB*LABa	70.87	-5.17	22.69		
LAB*LABb	70.87	-5.17	22.69		

relative CIELAB lab*					
lab*lab	0.736	-0.116	0.486		
lab*tch	0.625	0.25	0.286		
lab*nch	0.0	0.25	0.286		
relative Natural Colour (NC)					
lab*trj	0.736	-0.116	0.486		
lab*tce	0.625	0.25	0.286		
lab*nce	0.0	0.25	0.286		

relative Inform. Technology (IT)					
olv3*	0.5	0.5	0.5	(1.0)	
cmv3*	0.5	0.5	0.5	(0.0)	
olv4*	1.0	1.0	0.75	(1.0)	
cmv4*	0.0	0.0	0.25	(0.0)	
standard and adapted CIELAB					
LAB*LAB	47.02	-5.17	22.69		
LAB*LABa	47.02	-5.17	22.69		
LAB*LABb	47.02	-5.17	22.69		

relative CIELAB lab*					
lab*lab	0.493	-0.058	0.243		
lab*tch	0.375	0.25	0.286		
lab*nch	0.0	0.25	0.286		
relative Natural Colour (NC)					
lab*trj	0.493	-0.058	0.243		
lab*tce	0.375	0.25	0.286		
lab*nce	0.0	0.25	0.286		

relative Inform. Technology (IT)					
olv3*	0.25	0.25	0.25	(1.0)	
cmv3*	0.75	0.75	0.75	(0.0)	
olv4*	1.0	1.0	0.75	(1.0)	
cmv4*	0.0	0.0	0.25	(0.0)	
standard and adapted CIELAB					
LAB*LAB	23.17	-5.16	22.68		
LAB*LABa	23.17	-5.16	22.68		
LAB*LABb	23.17	-5.16	22.68		

relative CIELAB lab*					
lab*lab	0.243	-0.055	0.244		
lab*tch	0.125	0.25	0.286		
lab*nch	0.0	0.25	0.286		
relative Natural Colour (NC)					
lab*trj	0.243	-0.058	0.243		
lab*tce	0.125	0.25	0.286		
lab*nce	0.0	0.25	0.286		

relative Inform. Technology (IT)					
olv3*	0.0	0.0	0.0	(1.0)	
cmv3*	1.0	1.0	1.0	(0.0)	
olv4*	1.0	1.0	1.0	(1.0)	
cmv4*	0.0	0.0	0.0	(0.0)	
standard and adapted CIELAB					
LAB*LAB	0.03	0.0	0.0		
LAB*LABa	0.03	0.0	0.0		
LAB*LABb	0.01	0.0	0.0		

$n^* = 0.50$

relative Inform. Technology (IT)					
olv3*	1.0	1.0	0.5	(1.0)	
cmv3*	0.0	0.0	0.5	(0.0)	
olv4*	1.0	1.0	0.5	(1.0)	
cmv4*	0.0	0.0	0.5	(0.0)	
standard and adapted CIELAB					
LAB*LAB	94.03	-10.34	45.37		
LAB*LABa	94.03	-10.34	45.37		
LAB*LABb	94.03	-10.34	45.37		

relative CIELAB lab*					
lab*lab	0.985	-0.11	0.487		
lab*tch	0.75	0.5	0.286		
lab*nch	0.0	0.5	0.286		
relative Natural Colour (NC)					
lab*trj	0.985	-0.116	0.486		
lab*tce	0.75	0.5	0.286		
lab*nce	0.0	0.5	0.286		

relative Inform. Technology (IT)					
olv3*	0.75	0.75	0.0	(1.0)	
cmv3*	0.25	0.25	0.75	(0.0)	
olv4*	1.0	1.0	0.5	(1.0)	
cmv4*	0.0	0.0	0.5	(0.0)	
standard and adapted CIELAB					
LAB*LAB	70.19	-10.34	45.38		
LAB*LABa	70.19	-10.34	45.38		
LAB*LABb	70.19	-10.34	45.38		

relative Inform. Technology (IT)				
olvi3*	0.75	0.75	0.25	(1.0)
cmyn3*	0.25	0.25	0.75	(0.0)
olvi4*	1.0	1.0	0.5	0.75
cmyn4*	0.0	0.0	0.5	0.25
standard and adapted CIELAB				
LAB*LAB	70.19	-10.34	45.38	
LAB*LAB _a	70.19	-10.34	45.38	

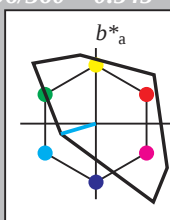
Page: count: 3

```
output: cmv0* / 000n* setcmvcolor
```

Input: Colorimetric Television Luminous System TLS00

for hue $h^* = lab^*h = 196/360 = 0.545$
 lab^*tch and lab^*nch

D65: hue C
LCH*Ma: 87 48 196
olv*Ma: 0.0 1.0 1.0
triangle lightness t^*



TLS00; adapted (a) CIELAB data					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	50.5	76.92	64.55	100.42	40
Y _{Ma}	92.66	-20.69	90.75	93.08	103
L _{Ma}	83.63	-82.75	79.9	115.04	136
C _{Ma}	86.88	-46.16	-13.55	48.12	196
V _{Ma}	30.39	76.06	-103.59	128.52	306
M _{Ma}	57.3	94.35	-58.41	110.97	328
N _{Ma}	0.01	0.0	0.0	0.0	0
W _{Ma}	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

%Regularity

$g^*_{H,rel} = 20$

$g^*_{C,rel} = 37$

relative Inform. Technology (IT)
olv3* 1.0 1.0 1.0 (1.0)
cmyn3* 0.0 0.0 0.0 (0.0)
olv4* 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*LABa 95.41 0.0 0.0
LAB*LABb 99.99 0.01 0.0

relative CIELAB lab*
lab*lab 1.0 0.0 0.0
lab*tch 1.0 0.0 0.0
lab*nch 0.0 0.0 0.0
relative Natural Colour (NC)
lab*trj 1.0 0.0 0.0
lab*tce 1.0 0.0 0.0
lab*nce 0.0 0.0 0.0

relative Inform. Technology (IT)
olv3* 0.75 0.75 0.75 (1.0)
cmyn3* 0.25 0.25 0.25 (0.0)
olv4* 1.0 1.0 1.0 (1.0)
cmyn4* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 71.57 0.0 0.0
LAB*LABa 71.57 0.0 0.0
LAB*LABb 75.00 0.01 0.0

relative CIELAB lab*
lab*lab 0.75 0.0 0.0
lab*tch 0.75 0.0 0.0
lab*nch 0.0 0.0 0.0
relative Natural Colour (NC)
lab*trj 0.75 0.0 0.0
lab*tce 0.75 0.0 0.0
lab*nce 0.0 0.0 0.0

relative Inform. Technology (IT)
olv3* 0.5 0.5 0.5 (0.0)
cmyn3* 0.5 0.5 0.5 (0.0)
olv4* 1.0 1.0 1.0 (1.0)
cmyn4* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 47.72 0.0 0.0
LAB*LABa 47.72 0.0 0.0
LAB*LABb 50.00 0.01 0.0

relative CIELAB lab*
lab*lab 0.5 0.0 0.0
lab*tch 0.5 0.0 0.0
lab*nch 0.0 0.0 0.0
relative Natural Colour (NC)
lab*trj 0.5 0.0 0.0
lab*tce 0.5 0.0 0.0
lab*nce 0.0 0.0 0.0

relative Inform. Technology (IT)
olv3* 0.25 0.25 0.25 (0.0)
cmyn3* 0.75 0.75 0.75 (1.0)
olv4* 1.0 1.0 1.0 (1.0)
cmyn4* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 23.87 0.0 0.0
LAB*LABa 23.87 0.0 0.0
LAB*LABb 25.00 0.01 0.0

relative CIELAB lab*
lab*lab 0.25 0.0 0.0
lab*tch 0.25 0.0 0.0
lab*nch 0.0 0.0 0.0
relative Natural Colour (NC)
lab*trj 0.25 0.0 0.0
lab*tce 0.25 0.0 0.0
lab*nce 0.0 0.0 0.0

relative Inform. Technology (IT)
olv3* 0.0 0.0 0.0 (0.0)
cmyn3* 1.0 1.0 1.0 (1.0)
olv4* 1.0 1.0 1.0 (1.0)
cmyn4* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 0.03 0.0 0.0
LAB*LABa 0.03 0.0 0.0
LAB*LABb 0.01 0.0 0.0

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 0.0
relative Natural Colour (NC)
lab*trj 0.0 0.0 0.0
lab*tce 0.0 0.0 0.0
lab*nce 1.0 0.0 0.0

$n^* = 1.0$

relative Inform. Technology (IT)
olv3* 0.75 1.0 1.0 (1.0)
cmyn3* 0.25 0.0 0.0 (0.0)
olv4* 0.75 1.0 1.0 (1.0)
cmyn4* 0.25 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 93.27 -11.53 -3.38
LAB*LABa 93.27 -11.53 -3.38
LAB*LABb 97.5 12.03 196.37

relative CIELAB lab*
lab*lab 0.978 -0.239 -0.069
lab*tch 0.875 0.25 0.545
lab*nch 0.0 0.25 0.545
relative Natural Colour (NC)
lab*trj 0.978 -0.239 -0.117
lab*tce 0.875 0.25 0.578
lab*nce 0.0 0.25 0.610

relative Inform. Technology (IT)
olv3* 0.5 0.75 0.75 (1.0)
cmyn3* 0.5 0.25 0.25 (0.0)
olv4* 0.75 1.0 1.0 (1.0)
cmyn4* 0.5 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 69.43 -11.53 -3.38
LAB*LABa 69.43 -11.53 -3.38
LAB*LABb 62.5 12.03 196.37

relative CIELAB lab*
lab*lab 0.625 -0.239 -0.069
lab*tch 0.625 0.25 0.545
lab*nch 0.0 0.25 0.545
relative Natural Colour (NC)
lab*trj 0.728 -0.239 -0.117
lab*tce 0.625 0.25 0.578
lab*nce 0.0 0.25 0.610

relative Inform. Technology (IT)
olv3* 0.25 0.5 0.5 (1.0)
cmyn3* 0.75 0.5 0.5 (0.0)
olv4* 0.75 1.0 1.0 (1.0)
cmyn4* 0.25 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 45.56 -11.53 -3.38
LAB*LABa 45.56 -11.53 -3.38
LAB*LABb 37.5 12.03 196.37

relative CIELAB lab*
lab*lab 0.478 -0.239 -0.069
lab*tch 0.375 0.25 0.545
lab*nch 0.0 0.25 0.545
relative Natural Colour (NC)
lab*trj 0.478 -0.239 -0.117
lab*tce 0.375 0.25 0.578
lab*nce 0.0 0.25 0.610

relative Inform. Technology (IT)
olv3* 0.0 0.0 0.0 (0.0)
cmyn3* 1.0 0.75 0.75 (1.0)
olv4* 0.75 1.0 1.0 (1.0)
cmyn4* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 21.73 -11.53 -3.38
LAB*LABa 21.73 -11.53 -3.38
LAB*LABb 12.5 12.03 196.37

relative CIELAB lab*
lab*lab 0.228 -0.239 -0.069
lab*tch 0.125 0.25 0.545
lab*nch 0.0 0.25 0.545
relative Natural Colour (NC)
lab*trj 0.125 0.25 0.578
lab*tce 0.125 0.25 0.578
lab*nce 0.0 0.25 0.610

$n^* = 0.50$

relative Inform. Technology (IT)
olv3* 0.5 1.0 1.0 (1.0)
cmyn3* 0.5 0.0 0.0 (0.0)
olv4* 0.5 1.0 1.0 (1.0)
cmyn4* 0.5 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 91.14 -23.07 -6.77
LAB*LABa 91.14 -23.07 -6.77
LAB*LABb 75.0 24.06 196.37

relative CIELAB lab*
lab*lab 0.955 -0.479 -0.14
lab*tch 0.75 0.5 0.545
lab*nch 0.0 0.5 0.545
relative Natural Colour (NC)
lab*trj 0.955 -0.44 -0.234
lab*tce 0.75 0.5 0.578
lab*nce 0.0 0.5 0.610

relative Inform. Technology (IT)
olv3* 0.25 0.75 0.75 (1.0)
cmyn3* 0.75 0.25 0.25 (0.0)
olv4* 0.5 1.0 1.0 (1.0)
cmyn4* 0.5 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 67.29 -23.08 -6.77
LAB*LABa 67.29 -23.08 -6.77
LAB*LABb 50.0 24.06 196.37

relative CIELAB lab*
lab*lab 0.719 -0.21
lab*tch 0.625 0.75 0.545
lab*nch 0.0 0.75 0.545
relative Natural Colour (NC)
lab*trj 0.933 -0.661 -0.352
lab*tce 0.625 0.75 0.578
lab*nce 0.0 0.75 0.610

relative Inform. Technology (IT)
olv3* 0.0 0.75 0.75 (1.0)
cmyn3* 1.0 0.0 0.0 (0.0)
olv4* 0.0 1.0 1.0 (1.0)
cmyn4* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 86.87 -46.15 -13.55
LAB*LABa 86.87 -46.15 -13.55
LAB*LABb 50.0 48.11 196.37

relative CIELAB lab*
lab*lab 0.911 -0.958 -0.281
lab*tch 0.5 1.0 0.545
lab*nch 0.0 1.0 0.545
relative Natural Colour (NC)
lab*trj 0.911 -0.881 -0.469
lab*tce 0.5 1.0 0.578
lab*nce 0.0 1.0 0.610

relative Inform. Technology (IT)
olv3* 0.0 0.25 0.25 (0.0)
cmyn3* 1.0 0.25 0.25 (0.0)
olv4* 0.25 1.0 1.0 (1.0)
cmyn4* 0.0 0.25 0.25 (0.0)
standard and adapted CIELAB
LAB*LAB 65.16 -34.61 -10.16
LAB*LABa 65.16 -34.61 -10.16
LAB*LABb 37.51 36.09 196.37

relative CIELAB lab*
lab*lab 0.683 -0.719 -0.21
lab*tch 0.375 0.75 0.545
lab*nch 0.0 0.75 0.545
relative Natural Colour (NC)
lab*trj 0.683 -0.661 -0.352
lab*tce 0.375 0.75 0.578
lab*nce 0.0 0.75 0.610

$n^* = 0.25$

relative Inform. Technology (IT)
olv3* 0.25 1.0 1.0 (1.0)
cmyn3* 0.25 0.0 0.0 (0.0)
olv4* 0.25 1.0 1.0 (1.0)
cmyn4* 0.25 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 89.0 -34.61 -10.16
LAB*LABa 89.0 -34.61 -10.16
LAB*LABb 62.5 36.09 196.37

relative CIELAB lab*
lab*lab 0.933 -0.719 -0.21
lab*tch 0.625 0.75 0.545
lab*nch 0.0 0.75 0.545
relative Natural Colour (NC)
lab*trj 0.933 -0.661 -0.352
lab*tce 0.625 0.75 0.578
lab*nce 0.0 0.75 0.610

relative Inform. Technology (IT)
olv3* 0.0 0.75 0.75 (1.0)
cmyn3* 1.0 0.0 0.0 (0.0)
olv4* 0.0 1.0 1.0 (1.0)
cmyn4* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 86.87 -46.15 -13.55
LAB*LABa 86.87 -46.15 -13.55
LAB*LABb 50.0 48.11 196.37

relative CIELAB lab*
lab*lab 0.911 -0.958 -0.281
lab*tch 0.5 1.0 0.545
lab*nch 0.0 1.0 0.545
relative Natural Colour (NC)
lab*trj 0.911 -0.881 -0.469
lab*tce 0.5 1.0 0.578
lab*nce 0.0 1.0 0.610

relative Inform. Technology (IT)
olv3* 0.0 0.25 0.25 (0.0)
cmyn3* 1.0 0.25 0.25 (0.0)
olv4* 0.25 1.0 1.0 (1.0)
cmyn4* 0.0 0.25 0.25 (0.0)
standard and adapted CIELAB
LAB*LAB 65.16 -34.61 -10.16
LAB*LABa 65.16 -34.61 -10.16
LAB*LABb 37.51 36.09 196.37

relative CIELAB lab*
lab*lab 0.683 -0.719 -0.21
lab*tch 0.375 0.75 0.545
lab*nch 0.0 0.75 0.545
relative Natural Colour (NC)
lab*trj 0.683 -0.661 -0.352
lab*tce 0.375 0.75 0.578
lab*nce 0.0 0.75 0.610

$n^* = 0.00$

relative Inform. Technology (IT)
olv3* 0.0 0.75 0.75 (1.0)
cmyn3* 1.0 0.0 0.0 (0.0)
olv4* 0.0 1.0 1.0 (1.0)
cmyn4* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 86.87 -46.15 -13.55
LAB*LABa 86.87 -46.15 -13.55
LAB*LABb 50.0 48.11 196.37

relative CIELAB lab*
lab*lab 0.911 -0.958 -0.281
lab*tch 0.5 1.0 0.545
lab*nch 0.0 1.0 0.545
relative Natural Colour (NC)
lab*trj 0.911 -0.881 -0.469
lab*tce 0.5 1.0 0.578
lab*nce 0.0 1.0 0.610

relative Inform. Technology (IT)
olv3* 0.0 0.25 0.25 (0.0)
cmyn3* 1.0 0.25 0.25 (0.0)
olv4* 0.25 1.0 1.0 (1.0)
cmyn4* 0.0 0.25 0.25 (0.0)
standard and adapted CIELAB
LAB*LAB 65.16 -34.61 -10.16
LAB*LABa 65.16 -34.61 -10.16
LAB*LABb 37.51 36.09 196.37

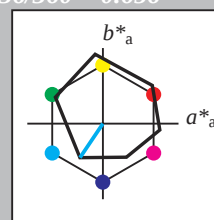
relative CIELAB lab*
lab*lab 0.683 -0.719 -0.21
lab*tch 0.375 0.75 0.545
lab*nch 0.0 0.75 0.545
relative Natural Colour (NC)
lab*trj 0.683 -0.661 -0.352
lab*tce 0.375 0.75 0.578
lab*nce 0.0 0.75 0.610

$n^* = 0.25$

Output: Colorimetric Offset Reflective System ORS18

for hue $h^* = lab^*h = 236/360 = 0.656$
 lab^*tch and lab^*nch

D65: hue C
LCH*Ma: 59 54 236
olv*Ma: 0.0 1.0 1.0
triangle lightness t^*



ORS18; adapted (a) CIELAB data					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	47.94	65.39	50.52	82.63	38
Y _{Ma}	90.37	-10.26	91.75	92.32	96
L _{Ma}	50.9	-62.83	34.96	71.91	151
C _{Ma}	58.62	-30.34	-45.01	54.3	236
V _{Ma}	25.72	31.1	-44.4	54.22	305
M _{Ma}	48.13	75.28	-8.36	75.74	354
N _{Ma}	18.01	0.0	0.0	0.0	0
W _{Ma}	95.41	0.0	0.0	0.0	0
R _{CIE}	39.92	58.66	26.98	64.57	25
J _{CIE}	81.26	-2.16	67.76	67.79	92
G _{CIE}	52.23	-42.25	11.76	43.87	164
B _{CIE}	30.57	1.15	-46.84	46.86	271

%Regularity

$g^*_{H,rel} = 57$

$g^*_{C,rel} = 59$

relative Inform. Technology (IT)
olv3* 1.0 1.0 1.0 (1.0)
cmyn3* 0.0 0.0 0.0 (0.0)
olv4* 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*LABa 95.41 0.0 0.0
LAB*LABb 99.99 0.01 0.0

relative CIELAB lab*
lab*lab 1.0 0.0 0.0
lab*tch 1.0 0.0 0.0
lab*nch 0.0 0.0 0.0
relative Natural Colour (NC)
lab*trj 1.0 0.0 0.0
lab*tce 1.0 0.0 0.0
lab*nce 0.0 0.0 0.0

relative Inform. Technology (IT)
olv3* 0.75 0.75 0.75 (1.0)
cmyn3* 0.25 0.25 0.25 (0.0)
olv4* 1.0 1.0 1.0 (1.0)
cmyn4* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 76.06 -0.61 3.44
LAB*LABa 76.06 0.0 0.0
LAB*LABb 75.00 0.01 0.0

relative CIELAB lab*
lab*lab 0.75 0.0 0.0
lab*tch 0.75 0.0 0.0
lab*nch 0.0 0.0 0.0
relative Natural Colour (NC)
lab*trj 0.75 0.0 0.0
lab*tce 0.75 0.0 0.0
lab*nce 0.0 0.0 0.0

relative Inform. Technology (IT)
olv3* 0.5 0.5 0.5 (0.0)
cmyn3* 0.5 0.25 0.25 (0.0)
olv4* 1.0 1.0 1.0 (1.0)
cmyn4* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 56.71 -0.24 2.14
LAB*LABa 56.71 0.0 0.0
LAB*LABb 50.0 0.01 0.0

relative CIELAB lab*
lab*lab 0.5 0.0 0.0
lab*tch 0.5 0.0 0.0
lab*nch 0.0 0.0 0.0
relative Natural Colour (NC)
lab*trj 0.5 0.0 0.0
lab*tce 0.5 0.0 0.0
lab*nce 0.0 0.0 0.0

relative Inform. Technology (IT)
olv3* 0.25 0.25 0.25 (0.0)
cmyn3* 0.75 0.25 0.25 (0.0)
olv4* 1.0 1.0 1.0 (1.0)
cmyn4* 0.0 0.25 0.25 (0.0)
standard and adapted CIELAB
LAB*LAB 47.51 -7.64 -9.72
LAB*LABa 47.51 -7.64 -9.72
LAB*LABb 37.5 13.57 236.02

relative CIELAB lab*
lab*lab 0.631 -0.139 -0.206
lab*tch 0.525 0.25 0.656
lab*nch 0.0 0.25 0.656
relative Natural Colour (NC)
lab*trj 0.631 -0.123 -0.216
lab*tce 0.525 0.25 0.667
lab*nce 0.0 0.25 0.667

relative Inform. Technology (IT)
olv3* 0.0 0.5 0.5 (1.0)
cmyn3* 0.75 0.5 0.5 (0.0)
olv4* 0.75 1.0 1.0 (1.0)
cmyn4* 0.0 0.5 0.5 (0.0)
standard and adapted CIELAB
LAB*LAB 47.51 -7.64 -9.72
LAB*LABa 47.51 -7.64 -9.72
LAB*LABb 37.5 13.57 236.02

relative CIELAB lab*
lab*lab 0.631 -0.139 -0.206
lab*tch 0.525 0.25 0.656
lab*nch 0.0 0.25 0.656
relative Natural Colour (NC)
lab*trj 0.631 -0.123 -0.216
lab*tce 0.525 0.25 0.667
lab*nce 0.0 0.25 0.667

$n^* = 1.0$

relative Inform. Technology (IT)
olv3* 0.75 1.0 1.0 (1.0)
cmyn3* 0.25 0.0 0.0 (0.0)
olv4* 0.75 1.0 1.0 (1.0)
cmyn4* 0.25 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 95.41 -0.98 4.75
LAB*LABa 95.41 0.0 0.0
LAB*LABb 99.99 0.01 0.0

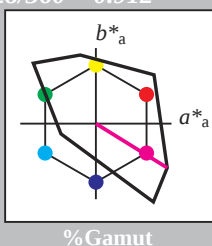
relative CIELAB lab*
lab*lab 1.0 0.0 0.0
lab*tch 1.0 0.0 0.0
lab*nch 0.0 0.0 0.0
relative Natural Colour (NC)
lab*trj 1.0 0.0 0.0
lab*tce 1.0 0.0 0.0
lab*nce 0.0 0.0 0.0

relative Inform. Technology (IT)
olv3* 0.5 0.75 0.75 (1.0)
cmyn3* 0.5 0.25 0.25 (0.0)
olv4* 1.0 1.0 1.0 (1.0)
cmyn4* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 76.06 -0.61 3.44
LAB*LABa 76.06 0.0 0.0
LAB*LABb 75.00 0

Input: Colorimetric Television Luminous System TLS00

for hue $h^* = lab^*h = 328/360 = 0.912$
 lab^*tch and lab^*nch

D65: hue M
LCH*Ma: 57 111 328
olv*Ma: 1.0 0.0 1.0
triangle lightness t^*



relative Inform. Technology (IT)
olv3* 1.0 1.0 1.0 (1.0)
cmyn3* 0.0 0.0 0.0 (0.0)
olv4* 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*LABa 95.41 0.0 0.0
LAB*LABb 99.99 0.01 0.0

relative CIELAB lab*
lab*lab 1.0 0.0 0.0
lab*tch 1.0 0.0 0.0
lab*nch 0.0 0.0 0.0
relative Natural Colour (NC)
lab*trj 1.0 0.0 0.0
lab*tce 1.0 0.0 0.0
lab*nce 0.0 0.0 0.0

relative Inform. Technology (IT)
olv3* 0.75 0.75 0.75 (1.0)
cmyn3* 0.25 0.25 0.25 (0.0)
olv4* 1.0 1.0 1.0 (1.0)
cmyn4* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 71.57 0.0 0.0
LAB*LABa 71.57 0.0 0.0
LAB*LABb 75.00 0.01 0.0

relative CIELAB lab*
lab*lab 0.75 0.0 0.0
lab*tch 0.75 0.0 0.0
lab*nch 0.0 0.0 0.0
relative Natural Colour (NC)
lab*trj 0.75 0.0 0.0
lab*tce 0.75 0.0 0.0
lab*nce 0.0 0.0 0.0

relative Inform. Technology (IT)
olv3* 0.5 0.5 0.5 (0.0)
cmyn3* 0.5 0.5 0.5 (0.0)
olv4* 1.0 1.0 1.0 (1.0)
cmyn4* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 47.72 0.0 0.0
LAB*LABa 47.72 0.0 0.0
LAB*LABb 50.00 0.01 0.0

relative CIELAB lab*
lab*lab 0.5 0.0 0.0
lab*tch 0.5 0.0 0.0
lab*nch 0.0 0.0 0.0
relative Natural Colour (NC)
lab*trj 0.5 0.0 0.0
lab*tce 0.5 0.0 0.0
lab*nce 0.0 0.0 0.0

relative Inform. Technology (IT)
olv3* 0.25 0.25 0.25 (1.0)
cmyn3* 0.75 0.75 0.75 (0.0)
olv4* 1.0 1.0 1.0 (1.0)
cmyn4* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 23.87 0.0 0.0
LAB*LABa 23.87 0.0 0.0
LAB*LABb 25.00 0.01 0.0

relative CIELAB lab*
lab*lab 0.25 0.0 0.0
lab*tch 0.25 0.0 0.0
lab*nch 0.0 0.0 0.0
relative Natural Colour (NC)
lab*trj 0.25 0.0 0.0
lab*tce 0.25 0.0 0.0
lab*nce 0.0 0.0 0.0

relative Inform. Technology (IT)
olv3* 0.0 0.0 0.0 (1.0)
cmyn3* 1.0 1.0 1.0 (0.0)
olv4* 1.0 1.0 1.0 (1.0)
cmyn4* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 0.03 0.0 0.0
LAB*LABa 0.03 0.0 0.0
LAB*LABb 0.01 0.0 0.0

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 0.0
relative Natural Colour (NC)
lab*trj 0.0 0.0 0.0
lab*tce 0.0 0.0 0.0
lab*nce 1.0 0.0 0.0

relative Inform. Technology (IT)
olv3* 0.0 0.0 0.0 (1.0)
cmyn3* 1.0 1.0 1.0 (0.0)
olv4* 1.0 1.0 1.0 (1.0)
cmyn4* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 0.03 0.0 0.0
LAB*LABa 0.03 0.0 0.0
LAB*LABb 0.01 0.0 0.0

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 0.0
relative Natural Colour (NC)
lab*trj 0.0 0.0 0.0
lab*tce 0.0 0.0 0.0
lab*nce 1.0 0.0 0.0

TLS00; adapted (a) CIELAB data

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	50.5	76.92	64.55	100.42	40
Y _{Ma}	92.66	-20.69	90.75	93.08	103
L _{Ma}	83.63	-82.75	79.9	115.04	136
C _{Ma}	86.88	-46.16	-13.55	48.12	196
V _{Ma}	30.39	76.06	-103.59	128.52	306
M _{Ma}	57.3	94.35	-58.41	110.97	328
N _{Ma}	0.01	0.0	0.0	0.0	0
W _{Ma}	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

%Regularity

$g^*_{H,rel} = 20$

$g^*_{C,rel} = 37$

relative Inform. Technology (IT)
olv3* 1.0 0.5 1.0 (1.0)
cmyn3* 0.0 0.5 0.0 (0.0)
olv4* 1.0 0.5 1.0 (1.0)
cmyn4* 0.0 0.5 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 76.35 47.17 -29.19
LAB*LABa 76.35 47.17 -29.19
LAB*LABb 75.00 55.47 328.23

relative CIELAB lab*
lab*lab 0.8 0.425 -0.262
lab*tch 0.75 0.5 0.912
lab*nch 0.0 0.5 0.912
relative Natural Colour (NC)
lab*trj 0.8 0.352 -0.354
lab*tce 0.75 0.5 0.874
lab*nce 0.0 0.5 0.874

relative Inform. Technology (IT)
olv3* 0.75 0.25 0.75 (1.0)
cmyn3* 0.25 0.75 0.25 (0.0)
olv4* 1.0 0.5 1.0 (1.0)
cmyn4* 0.0 0.5 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 52.51 47.18 -29.2
LAB*LABa 52.51 47.18 -29.2
LAB*LABb 50.00 55.49 328.23

relative CIELAB lab*
lab*lab 0.5 0.425 -0.262
lab*tch 0.5 0.5 0.912
lab*nch 0.0 0.5 0.912
relative Natural Colour (NC)
lab*trj 0.5 0.352 -0.354
lab*tce 0.5 0.5 0.874
lab*nce 0.0 0.5 0.874

relative Inform. Technology (IT)
olv3* 0.5 0.0 0.5 (1.0)
cmyn3* 0.5 0.0 0.5 (0.0)
olv4* 1.0 0.5 1.0 (1.0)
cmyn4* 0.0 0.5 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 28.66 47.17 -29.19
LAB*LABa 28.66 47.17 -29.19
LAB*LABb 25.01 55.47 328.23

relative CIELAB lab*
lab*lab 0.3 0.425 -0.262
lab*tch 0.25 0.5 0.912
lab*nch 0.0 0.5 0.912
relative Natural Colour (NC)
lab*trj 0.3 0.352 -0.354
lab*tce 0.25 0.5 0.874
lab*nce 0.0 0.5 0.874

relative Inform. Technology (IT)
olv3* 0.25 0.0 0.25 (1.0)
cmyn3* 0.75 1.0 0.75 (0.0)
olv4* 1.0 0.5 1.0 (1.0)
cmyn4* 0.0 0.5 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 14.34 23.58 -14.59
LAB*LABa 14.34 23.58 -14.59
LAB*LABb 12.5 27.73 328.24

relative CIELAB lab*
lab*lab 0.15 0.212 -0.131
lab*tch 0.125 0.5 0.912
lab*nch 0.0 0.5 0.912
relative Natural Colour (NC)
lab*trj 0.15 0.176 -0.177
lab*tce 0.125 0.5 0.874
lab*nce 0.0 0.5 0.874

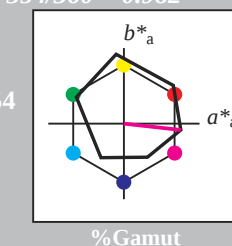
relative Inform. Technology (IT)
olv3* 0.0 0.0 0.0 (1.0)
cmyn3* 1.0 1.0 1.0 (0.0)
olv4* 1.0 1.0 1.0 (1.0)
cmyn4* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 0.03 0.0 0.0
LAB*LABa 0.03 0.0 0.0
LAB*LABb 0.01 0.0 0.0

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 0.0
relative Natural Colour (NC)
lab*trj 0.0 0.0 0.0
lab*tce 0.0 0.0 0.0
lab*nce 1.0 0.0 0.0

Output: Colorimetric Offset Reflective System ORS18

for hue $h^* = lab^*h = 354/360 = 0.982$
 lab^*tch and lab^*nch

D65: hue M
LCH*Ma: 48 76 354
olv*Ma: 1.0 0.0 1.0
triangle lightness t^*



relative Inform. Technology (IT)
olv3* 1.0 1.0 1.0 (1.0)
cmyn3* 0.0 0.0 0.0 (0.0)
olv4* 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*LABa 95.41 0.0 0.0
LAB*LABb 99.99 0.01 0.0

relative CIELAB lab*
lab*lab 1.0 0.0 0.0
lab*tch 1.0 0.0 0.0
lab*nch 0.0 0.0 0.0
relative Natural Colour (NC)
lab*trj 1.0 0.0 0.0
lab*tce 1.0 0.0 0.0
lab*nce 0.0 0.0 0.0

relative Inform. Technology (IT)
olv3* 0.75 0.75 0.75 (1.0)
cmyn3* 0.25 0.25 0.25 (0.0)
olv4* 1.0 1.0 1.0 (1.0)
cmyn4* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 76.06 -0.61 3.44
LAB*LABa 76.06 0.0 0.0
LAB*LABb 75.00 0.01 0.0

relative CIELAB lab*
lab*lab 0.75 0.0 0.0
lab*tch 0.75 0.0 0.0
lab*nch 0.0 0.0 0.0
relative Natural Colour (NC)
lab*trj 0.75 0.0 0.0
lab*tce 0.75 0.0 0.0
lab*nce 0.0 0.0 0.0

relative Inform. Technology (IT)
olv3* 0.5 0.5 0.5 (0.0)
cmyn3* 0.5 0.5 0.5 (0.0)
olv4* 1.0 1.0 1.0 (1.0)
cmyn4* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 56.71 0.24 2.14
LAB*LABa 56.71 0.24 2.14
LAB*LABb 50.00 0.01 0.0

relative CIELAB lab*
lab*lab 0.5 0.0 0.0
lab*tch 0.5 0.0 0.0
lab*nch 0.0 0.0 0.0
relative Natural Colour (NC)
lab*trj 0.5 0.0 0.0
lab*tce 0.5 0.0 0.0
lab*nce 0.0 0.0 0.0

relative Inform. Technology (IT)
olv3* 0.25 0.25 0.25 (1.0)
cmyn3* 0.75 0.75 0.75 (0.0)
olv4* 1.0 1.0 1.0 (1.0)
cmyn4* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 28.66 47.17 -29.19
LAB*LABa 28.66 47.17 -29.19
LAB*LABb 25.01 55.47 328.23

relative CIELAB lab*
lab*lab 0.25 0.0 0.0
lab*tch 0.25 0.0 0.0
lab*nch 0.0 0.0 0.0
relative Natural Colour (NC)
lab*trj 0.25 0.0 0.0
lab*tce 0.25 0.0 0.0
lab*nce 0.0 0.0 0.0

relative Inform. Technology (IT)
olv3* 0.0 0.0 0.0 (1.0)
cmyn3* 1.0 1.0 1.0 (0.0)
olv4* 1.0 1.0 1.0 (1.0)
cmyn4* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 0.03 0.0 0.0
LAB*LABa 0.03 0.0 0.0
LAB*LABb 0.01 0.0 0.0

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 0.0
relative Natural Colour (NC)
lab*trj 0.0 0.0 0.0
lab*tce 0.0 0.0 0.0
lab*nce 1.0 0.0 0.0

relative Inform. Technology (IT)
olv3* 0.0 0.0 0.0 (1.0)
cmyn3* 1.0 1.0 1.0 (0.0)
olv4* 1.0 1.0 1.0 (1.0)
cmyn4* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 0.03 0.0 0.0
LAB*LABa 0.03 0.0 0.0
LAB*LABb 0.01 0.0 0.0

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 0.0
relative Natural Colour (NC)
lab*trj 0.0 0.0 0.0
lab*tce 0.0 0.0 0.0
lab*nce 1.0 0.0 0.0

ORS18; adapted (a) CIELAB data

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	47.94	65.39	50.52	82.63	38
Y _{Ma}	90.37	-10.26	91.75	92.32	96
L _{Ma}	50.9	-62.83	34.96	71.91	151
C _{Ma}	58.62	-30.34	-45.01	54.3	236
V _{Ma}	25.72	31.1	-44.4	54.22	305
M _{Ma}	48.13	75.28	-8.36	75.74	354
N _{Ma}	18.01	0.0	0.0	0.0	0
W _{Ma}	95.41	0.0	0.0	0.0	0
R _{CIE}	39.92	58.66	26.98	64.57	25
J _{CIE}	81.26	-2.16	67.76	67.79	92
G _{CIE}	52.23	-42.25	11.76	43.87	164
B _{CIE}	30.57	1.15	-46.84	46.86	271

%Regularity

$g^*_{H,rel} = 57$

$g^*_{C,rel} = 59$

relative Inform. Technology (IT)
olv3* 1.0 0.5 1.0 (1.0)
cmyn3* 0.0 0.5 0.0 (0.0)
olv4* 1.0 0.5 1.0 (1.0)
cmyn4* 0.0 0.5 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 71.77 37.63 -4.17
LAB*LABa 71.77 37.63 -4.17
LAB*LABb 75.00 37.86 353.66

relative CIELAB lab*
lab*lab 0.695 0.497 -0.054
lab*tch 0.75 0.5 0.982
lab*nch 0.0 0.5 0.982
relative Natural Colour (NC)
lab*trj 0.695 0.454 -0.208
lab*tce 0.75 0.5 0.932
lab*nce 0.0 0.5 0.932

relative Inform. Technology (IT)
olv3* 0.75 0.25 0.75 (1.0)
cmyn3* 0.25 0.75 0.25 (0.0)
olv4* 1.0 0.5 1.0 (1.0)
cmyn4* 0.0 0.5 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 52.42 37.64 -4.17
LAB*LABa 52.42 37.64 -4.17
LAB*LABb 50.00 37.87 353.66

relative CIELAB lab*
lab*lab 0.5 0.497 -0.054
lab*tch 0.5 0.5 0.982
lab*nch 0.0 0.5 0.982
relative Natural Colour (NC)
lab*trj 0.5 0.454 -0.208
lab*tce 0.5 0.5 0.932
lab*nce 0.0 0.5 0.932

relative Inform. Technology (IT)
olv3* 0.5 0.0 0.5 (1.0)
cmyn3* 0.5 0.0 0.5 (0.0)
olv4* 1.0 0.5 1.0 (1.0)
cmyn4* 0.0 0.5 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 28.66 47.17 -29.19
LAB*LABa 28.66 47.17 -29.19
LAB*LABb 25.01 37.86 353.66

relative CIELAB lab*
lab*lab 0.25 0.497 -0.054
lab*tch 0.25 0.5 0.982
lab*nch 0.0 0.5 0.982
relative Natural Colour (NC)
lab*trj 0.25 0.454 -0.208
lab*tce 0.25 0.5 0.932
lab*nce 0.0 0.5 0.932

relative Inform. Technology (IT)
olv3* 0.0 0.0 0.0 (1.0)
cmyn3* 1.0 1.0 1.0 (0.0)
olv4* 1.0 1.0 1.0 (1.0)
cmyn4* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 0.03 0.0 0.0
LAB*LABa 0.03 0.0 0.0
LAB*LABb 0.01 0.0 0.0

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 0.0
relative Natural Colour (NC)
lab*trj 0.0 0.0 0.0
lab*tce 0.0 0.0 0.0
lab*nce 1.0 0.0 0.0

relative Inform. Technology (IT)
olv3* 0.0 0.0 0.0 (1.0)
cmyn3* 1.0 1.0 1.0 (0.0)
olv4* 1.0 1.0 1.0 (1.0)
cmyn4* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 0.03 0.0 0.0
LAB*LABa 0.03 0.0 0.0
LAB*LABb 0.01 0.0 0.0

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 0.0
relative Natural Colour (NC)
lab*trj 0.0 0.0 0.0
lab*tce 0.0 0.0 0.0
lab*nce 1.0 0.0 0.0

relative Inform. Technology (IT)
olv3* 0.75 0.25 0.75 (1.0)
cmyn3* 0.25 0.75 0.25 (0.0)
olv4* 1.0 0.5 1.0 (1.0)
cmyn4* 0.0 0.5 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 48.13 75.36 -6.79
LAB*LABa 48.13 75.36 -6.79
LAB*LABb 50.00 75.73 353.66

relative CIELAB lab*
lab*lab 0.542 0.745 -0.082
lab*tch 0.625 0.75 0.982
lab*nch 0.0 0.75 0.982
relative Natural Colour (NC)
lab*trj 0.542 0.682 -0.312
lab*tce 0.625 0.75 0.932
lab*nce 0.0 0.75 0.932

relative Inform. Technology (IT)
olv3* 0.75 0.0 0.75 (1.0)
cmyn3* 0.75 0.0 0.75 (0.0)
olv4* 1.0 0.5 1.0 (1.0)
cmyn4* 0.0 0.5 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 28.66 47.17 -29.19
LAB*LABa 28.66 47.17 -29.19
LAB*LABb 25.01 75.73 353.66

relative CIELAB lab*
lab*lab 0.389 0.994 -0.109
lab*tch 0.5 0.75 0.982
lab*nch 0.0 1.0 0.982
relative Natural Colour (NC)
lab*trj 0.389 0.909 -0.416
lab*tce 0.5 0.75 0.932
lab*nce 0.0 1.0 0.932

relative Inform. Technology (IT)
olv3* 0.25 0.0 0.25 (1.0)
cmyn3* 0.75 1.0 0.75 (0.0)
olv4* 1.0 0.5 1.0 (1.0)
cmyn4* 0.0 0.5 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 14.34 23.58 -14.59
LAB*LABa 14.34 23.58 -14.59
LAB*LABb 12.5 27.73 328.24

relative CIELAB lab*
lab*lab 0.125 0.212 -0.131
lab*tch 0.125 0.5 0.912
lab*nch 0.0 0.5 0.912
relative Natural Colour (NC)
lab*trj 0.125 0.176 -0.177
lab*tce 0.125 0.5 0.874
lab*nce 0.0 0.5 0.874

relative Inform. Technology (IT)
olv3* 0.0 0.0 0.0 (1.0)
cmyn3* 1.0 1.0 1.0 (0.0)
olv4* 1.0 1.0 1.0 (1.0)
cmyn4* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 0.03 0.0 0.0
LAB*LABa 0.03 0.0 0.0
LAB*LABb 0.01 0.0 0.0

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 0.0
relative Natural Colour (NC)
lab*trj 0.0 0.0 0.0
lab*tce 0.0 0.0 0.0
lab*nce 1.0 0.0 0.0

relative Inform. Technology (IT)
olv3* 0.0 0.0 0.0 (1.0)

Input: Colorimetric Television Luminous System TLS00

for hue $h^* = lab^*h = 92/360 = 0.256$

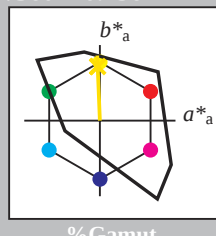
lab^*tch and lab^*nch

D65: hue J

LCH*Ma: 85 86 92

olv*Ma: 1.0 0.82 0.0

triangle lightness t^*



relative Inform. Technology (IT)

olvi3*	1.0	1.0	1.0	(1.0)
olvi3*	0.0	0.0	0.0	(0.0)
olvi4*	1.0	1.0	1.0	(1.0)
olvi4*	0.0	0.0	0.0	(0.0)
olvi4*	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*LAB	95.41	0.0	0.0

relative Inform. Technology (IT)

olvi3*	1.0	0.956	0.75	(1.0)
olvi3*	0.0	0.044	0.25	(0.0)
olvi4*	1.0	0.956	0.75	(1.0)
olvi4*	0.0	0.044	0.25	(0.0)
olvi4*	0.0	0.044	0.25	(0.0)

standard and adapted CIELAB

LAB*LAB	92.86	-0.87	21.53
LAB*LAB	92.86	-0.87	21.53
LAB*LAB	92.86	-0.87	21.53

TLS00; adapted (a) CIELAB data

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	50.5	76.92	64.55	100.42	40
Y _{Ma}	92.66	-20.69	90.75	93.08	103
L _{Ma}	83.63	-82.75	79.9	115.04	136
C _{Ma}	86.88	-46.16	-13.55	48.12	196
V _{Ma}	30.39	76.06	-103.59	128.52	306
M _{Ma}	57.3	94.35	-58.41	110.97	328
N _{Ma}	0.01	0.0	0.0	0.0	0
W _{Ma}	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

%Regularity

$g^*_{H,rel} = 20$

$g^*_{C,rel} = 37$

relative Inform. Technology (IT)

olvi3*	0.75	0.75	0.75	(1.0)
olvi3*	0.25	0.25	0.25	(0.0)
olvi4*	1.0	1.0	1.0	(1.0)
olvi4*	0.0	0.0	0.0	(0.0)
olvi4*	0.0	0.0	0.0	(0.0)

standard and adapted CIELAB

LAB*LAB	71.57	0.0	0.0
LAB*LAB	71.57	0.0	0.0
LAB*LAB	71.57	0.0	0.0

relative Inform. Technology (IT)

olvi3*	0.75	0.75	0.75	(1.0)
olvi3*	0.25	0.25	0.25	(0.0)
olvi4*	1.0	1.0	1.0	(1.0)
olvi4*	0.0	0.0	0.0	(0.0)
olvi4*	0.0	0.0	0.0	(0.0)

standard and adapted CIELAB

LAB*LAB	69.01	-0.86	21.53
LAB*LAB	69.01	-0.86	21.53
LAB*LAB	69.01	-0.86	21.53

relative Inform. Technology (IT)

olvi3*	0.75	0.662	0.25	(1.0)
olvi3*	0.25	0.338	0.75	(0.0)
olvi4*	1.0	0.956	0.75	(1.0)
olvi4*	0.0	0.044	0.25	(0.0)
olvi4*	0.0	0.044	0.25	(0.0)

standard and adapted CIELAB

LAB*LAB	69.01	-0.86	21.53
LAB*LAB	69.01	-0.86	21.53
LAB*LAB	69.01	-0.86	21.53

relative Inform. Technology (IT)

olvi3*	0.75	0.662	0.25	(1.0)
olvi3*	0.25	0.338	0.75	(0.0)
olvi4*	1.0	0.956	0.75	(1.0)
olvi4*	0.0	0.044	0.25	(0.0)
olvi4*	0.0	0.044	0.25	(0.0)

standard and adapted CIELAB

LAB*LAB	69.01	-0.86	21.53
LAB*LAB	69.01	-0.86	21.53
LAB*LAB	69.01	-0.86	21.53

relative Inform. Technology (IT)

olvi3*	0.75	0.662	0.25	(1.0)
olvi3*	0.25	0.338	0.75	(0.0)
olvi4*	1.0	0.956	0.75	(1.0)
olvi4*	0.0	0.044	0.25	(0.0)
olvi4*	0.0	0.044	0.25	(0.0)

standard and adapted CIELAB

LAB*LAB	69.01	-0.86	21.53
LAB*LAB	69.01	-0.86	21.53
LAB*LAB	69.01	-0.86	21.53

relative Inform. Technology (IT)

olvi3*	0.75	0.75	0.75	(1.0)
olvi3*	0.25	0.25	0.25	(0.0)
olvi4*	1.0	1.0	1.0	(1.0)
olvi4*	0.0	0.0	0.0	(0.0)
olvi4*	0.0	0.0	0.0	(0.0)

standard and adapted CIELAB

LAB*LAB	47.72	0.0	0.0
LAB*LAB	47.72	0.0	0.0
LAB*LAB	47.72	0.0	0.0

relative Inform. Technology (IT)

olvi3*	0.75	0.75	0.75	(1.0)
olvi3*	0.25	0.25	0.25	(0.0)
olvi4*	1.0	1.0	1.0	(1.0)
olvi4*	0.0	0.0	0.0	(0.0)
olvi4*	0.0	0.0	0.0	(0.0)

standard and adapted CIELAB

LAB*LAB	47.72	0.0	0.0
LAB*LAB	47.72	0.0	0.0
LAB*LAB	47.72	0.0	0.0

relative Inform. Technology (IT)

olvi3*	0.75	0.662	0.25	(1.0)
olvi3*	0.25	0.338	0.75	(0.0)
olvi4*	1.0	0.956	0.75	(1.0)
olvi4*	0.0	0.044	0.25	(0.0)
olvi4*	0.0	0.044	0.25	(0.0)

standard and adapted CIELAB

LAB*LAB	47.72	0.0	0.0
LAB*LAB	47.72	0.0	0.0
LAB*LAB	47.72	0.0	0.0

relative Inform. Technology (IT)

olvi3*	0.75	0.662	0.25	(1.0)
olvi3*	0.25	0.338	0.75	(0.0)
olvi4*	1.0	0.956	0.75	(1.0)
olvi4*	0.0	0.044	0.25	(0.0)
olvi4*	0.0	0.044	0.25	(0.0)

standard and adapted CIELAB

LAB*LAB	47.72	0.0	0.0
LAB*LAB	47.72	0.0	0.0
LAB*LAB	47.72	0.0	0.0

relative Inform. Technology (IT)

olvi3*	0.75	0.662	0.25	(1.0)
olvi3*	0.25	0.338	0.75	(0.0)
olvi4*	1.0	0.956	0.75	(1.0)
olvi4*	0.0	0.044	0.25	(0.0)
olvi4*	0.0	0.044	0.25	(0.0)

standard and adapted CIELAB

LAB*LAB	47.72	0.0	0.0
LAB*LAB	47.72	0.0	0.0
LAB*LAB	47.72	0.0	0.0

relative Inform. Technology (IT)

olvi3*	0.75	0.75	0.75	(1.0)
olvi3*	0.25	0.25	0.25	(0.0)
olvi4*	1.0	1.0	1.0	(1.0)
olvi4*	0.0	0.0	0.0	(0.0)
olvi4*	0.0	0.0	0.0	(0.0)

standard and adapted CIELAB

LAB*LAB	47.72	0.0	0.0
LAB*LAB	47.72	0.0	0.0
LAB*LAB	47.72	0.0	0.0

relative Inform. Technology (IT)

olvi3*	0.75	0.75	0.75	(1.0)
olvi3*	0.25	0.25	0.25	(0.0)
olvi4*	1.0	1.0	1.0	(1.0)
olvi4*	0.0	0.0	0.0	(0.0)
olvi4*	0.0	0.0	0.0	(0.0)

standard and adapted CIELAB

LAB*LAB	47.72	0.0	0.0
LAB*LAB	47.72	0.0	0.0
LAB*LAB	47.72	0.0	0.0

relative Inform. Technology (IT)

olvi3*	0.75	0.662	0.25	(1.0)
olvi3*	0.25	0.338	0.75	(0.0)
olvi4*	1.0	0.956	0.75	(1.0)
olvi4*	0.0	0.044	0.25	(0.0)
olvi4*	0.0	0.044	0.25	(0.0)

standard and adapted CIELAB

LAB*LAB	47.72	0.0	0.0
LAB*LAB	47.72	0.0	0.0
LAB*LAB	47.72	0.0	0.0

relative Inform. Technology (IT)

olvi3*	0.75	0.662	0.25	(1.0)
olvi3*	0.25	0.338	0.75	(0.0)
olvi4*	1.0	0.956	0.75	(1.0)
olvi4*	0.0	0.044	0.25	(0.0)
olvi4*	0.0	0.044	0.25	(0.0)

standard and adapted CIELAB

LAB*LAB	47.72	0.0	0.0
LAB*LAB	47.72	0.0	0.0
LAB*LAB	47.72	0.0	0.0

relative Inform. Technology (IT)

olvi3*	0.75	0.662	0.25	(1.0)
olvi3*	0.25	0.338	0.75	(0.0)
olvi4*	1.0	0.956	0.75	(1.0)
olvi4*	0.0	0.044	0.25	(0.0)
olvi4*	0.0	0.044	0.25	(0.0)

standard and adapted CIELAB

LAB*LAB	47.72	0.0	0.0
LAB*LAB	47.72	0.0	0.0
LAB*LAB	47.72	0.0	0.0

relative Inform. Technology (IT)

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olvi3*	0.25	0.25	0.25	(0.0)
olvi4*	1.0	1.0	1.0	(1.0)
olvi4*	0.0	0.0	0.0	(0.0)
olvi4*	0.0	0.0	0.0	(0.0)

standard and adapted CIELAB

LAB*LAB	47.72	0.0	0.0
LAB*LAB	47.72	0.0	0.0
LAB*LAB	47.72	0.0	0.0

relative Inform. Technology (IT)

olvi3*	0.75	0.75	0.75	(1.0)
olvi3*	0.25	0.25	0.25	(0.0)
olvi4*	1.0	1.0	1.0	(1.0)
olvi4*	0.0	0.0	0.0	(0.0)
olvi4*	0.0	0.0	0.0	(0.0)

standard and adapted CIELAB

LAB*LAB	47.72	0.0	0.0
LAB*LAB	47.72	0.0	0.0
LAB*LAB	47.72	0.0	0.0

relative Inform. Technology (IT)

olvi3*	0.75	0.662	0.25	(1.0)
olvi3*	0.25	0.338	0.75	(0.0)
olvi4*	1.0	0.956	0.75	(1.0)
olvi4*	0.0	0.044	0.25	(0.0)
olvi4*	0.0	0.044	0.25	(0.0)

standard and adapted CIELAB

LAB*LAB	47.72	0.0	0.0
LAB*LAB	47.72	0.0	0.0
LAB*LAB	47.72	0.0	0.0

relative Inform. Technology (IT)

olvi3*	0.75	0.662	0.25	(1.0)
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olvi4*	1.0	0.956	0.75	(1.0)
olvi4*	0.0	0.044	0.25	(0.0)
olvi4*	0.0	0.044	0.25	(0.0)

standard and adapted CIELAB

LAB*LAB	47.72	0.0	0.0
LAB*LAB	47.72	0.0	0.0
LAB*LAB	47.72	0.0	0.0

relative Inform. Technology (IT)

olvi3*	0.75	0.662	0.25	(1.0)
olvi3*	0.25	0.338	0.75	(0.0)
olvi4*	1.0	0.956	0.75	(1.0)
olvi4*	0.0	0.044	0.25	(0.0)
olvi4*	0.0	0.044	0.25	(0.0)

standard and adapted CIELAB

LAB*LAB	47.72	0.0	0.0
LAB*LAB	47.72	0.0	0.0
LAB*LAB	47.72	0.0	0.0

relative Inform. Technology (IT)

olvi3*	0.75	0.75	0.75	(1.0)
olvi3*	0.25	0.25	0.25	(0.0)
olvi4*	1.0	1.0	1.0	(1.0)
olvi4*	0.0	0.0	0.0	(0.0)
olvi4*	0.0	0.0	0.0	(0.0)

standard and adapted CIELAB

LAB*LAB	47.72	0.0	0.0
LAB*LAB	47.72	0.0	0.0
LAB*LAB	47.72	0.0	0.0

relative Inform. Technology (IT)

olvi3*	0.75	0.75	0.75	(1.0)
olvi3*	0.25	0.25	0.25	(0.0)
olvi4*	1.0	1.0	1.0	(1.0)
olvi4*	0.0	0.0	0.0	(0.0)
olvi4*	0.0	0.0	0.0	(0.0)

standard and adapted CIELAB

LAB*LAB	47.72	0.0	0.0
LAB*LAB	47.72	0.0	0.0
LAB*LAB	47.72	0.0	0.0

relative Inform. Technology (IT)

olvi3*	0.75	0.662	0.25	(1.0)
olvi3*	0.25	0.338	0.75	(0.0)
olvi4*	1.0	0.956	0.75	(1.0)
olvi4*	0.0	0.044	0.25	(0.0)
olvi4*	0.0	0.044	0.25	(0.0)

standard and adapted CIELAB

LAB*LAB	47.72	0.0	0.0
LAB*LAB	47.72	0.0	0.0
LAB*LAB	47.72	0.0	0.0

relative Inform. Technology (IT)

olvi3*	0.75	0.662	0.25	(1.0)
olvi3*	0.25	0.338	0.75	(0.0)
olvi4*	1.0	0.956	0.75	(1.0)
olvi4*	0.0	0.044	0.25	(0.0)
olvi4*	0.0	0.044	0.25	(0.0)

standard and adapted CIELAB

LAB*LAB	47.72	0.0	0.0
LAB*LAB	47.72	0.0	0.0
LAB*LAB	47.72	0.0	0.0

omaticness c^*

ic systems TI

Input: Colorimetric Television Luminous System TLS00

for hue $h^* = lab^*h = 162/360 = 0.451$

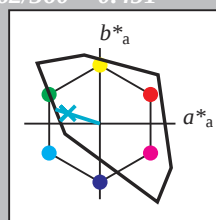
lab^*tch and lab^*nch

D65: hue G

LCH*Ma: 86 62 162

olv*Ma: 0.0 1.0 0.65

triangle lightness t^*



TLS00; adapted (a) CIELAB data					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	50.5	76.92	64.55	100.42	40
Y _{Ma}	92.66	-20.69	90.75	93.08	103
L _{Ma}	83.63	-82.75	79.9	115.04	136
C _{Ma}	86.88	-46.16	-13.55	48.12	196
V _{Ma}	30.39	76.06	-103.59	128.52	306
M _{Ma}	57.3	94.35	-58.41	110.97	328
N _{Ma}	0.01	0.0	0.0	0.0	0
W _{Ma}	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

%Regularity

$g^*_{H,rel} = 20$

$g^*_{C,rel} = 37$

relative Inform. Technology (IT)		
olvi3*	0.75	0.75 (1.0)
olvi4*	0.75	0.75 (1.0)
olvi5*	0.75	0.75 (1.0)
olvi6*	0.75	0.75 (1.0)
olvi7*	0.75	0.75 (1.0)
olvi8*	0.75	0.75 (1.0)
olvi9*	0.75	0.75 (1.0)
olvi10*	0.75	0.75 (1.0)
olvi11*	0.75	0.75 (1.0)
olvi12*	0.75	0.75 (1.0)
olvi13*	0.75	0.75 (1.0)
olvi14*	0.75	0.75 (1.0)
olvi15*	0.75	0.75 (1.0)
olvi16*	0.75	0.75 (1.0)
olvi17*	0.75	0.75 (1.0)
olvi18*	0.75	0.75 (1.0)
olvi19*	0.75	0.75 (1.0)
olvi20*	0.75	0.75 (1.0)
olvi21*	0.75	0.75 (1.0)
olvi22*	0.75	0.75 (1.0)
olvi23*	0.75	0.75 (1.0)
olvi24*	0.75	0.75 (1.0)
olvi25*	0.75	0.75 (1.0)
olvi26*	0.75	0.75 (1.0)
olvi27*	0.75	0.75 (1.0)
olvi28*	0.75	0.75 (1.0)
olvi29*	0.75	0.75 (1.0)
olvi30*	0.75	0.75 (1.0)
olvi31*	0.75	0.75 (1.0)
olvi32*	0.75	0.75 (1.0)
olvi33*	0.75	0.75 (1.0)
olvi34*	0.75	0.75 (1.0)
olvi35*	0.75	0.75 (1.0)
olvi36*	0.75	0.75 (1.0)
olvi37*	0.75	0.75 (1.0)
olvi38*	0.75	0.75 (1.0)
olvi39*	0.75	0.75 (1.0)
olvi40*	0.75	0.75 (1.0)
olvi41*	0.75	0.75 (1.0)
olvi42*	0.75	0.75 (1.0)
olvi43*	0.75	0.75 (1.0)
olvi44*	0.75	0.75 (1.0)
olvi45*	0.75	0.75 (1.0)
olvi46*	0.75	0.75 (1.0)
olvi47*	0.75	0.75 (1.0)
olvi48*	0.75	0.75 (1.0)
olvi49*	0.75	0.75 (1.0)
olvi50*	0.75	0.75 (1.0)
olvi51*	0.75	0.75 (1.0)
olvi52*	0.75	0.75 (1.0)
olvi53*	0.75	0.75 (1.0)
olvi54*	0.75	0.75 (1.0)
olvi55*	0.75	0.75 (1.0)
olvi56*	0.75	0.75 (1.0)
olvi57*	0.75	0.75 (1.0)
olvi58*	0.75	0.75 (1.0)
olvi59*	0.75	0.75 (1.0)
olvi60*	0.75	0.75 (1.0)
olvi61*	0.75	0.75 (1.0)
olvi62*	0.75	0.75 (1.0)
olvi63*	0.75	0.75 (1.0)
olvi64*	0.75	0.75 (1.0)
olvi65*	0.75	0.75 (1.0)
olvi66*	0.75	0.75 (1.0)
olvi67*	0.75	0.75 (1.0)
olvi68*	0.75	0.75 (1.0)
olvi69*	0.75	0.75 (1.0)
olvi70*	0.75	0.75 (1.0)
olvi71*	0.75	0.75 (1.0)
olvi72*	0.75	0.75 (1.0)
olvi73*	0.75	0.75 (1.0)
olvi74*	0.75	0.75 (1.0)
olvi75*	0.75	0.75 (1.0)
olvi76*	0.75	0.75 (1.0)
olvi77*	0.75	0.75 (1.0)
olvi78*	0.75	0.75 (1.0)
olvi79*	0.75	0.75 (1.0)
olvi80*	0.75	0.75 (1.0)
olvi81*	0.75	0.75 (1.0)
olvi82*	0.75	0.75 (1.0)
olvi83*	0.75	0.75 (1.0)
olvi84*	0.75	0.75 (1.0)
olvi85*	0.75	0.75 (1.0)
olvi86*	0.75	0.75 (1.0)
olvi87*	0.75	0.75 (1.0)
olvi88*	0.75	0.75 (1.0)
olvi89*	0.75	0.75 (1.0)
olvi90*	0.75	0.75 (1.0)
olvi91*	0.75	0.75 (1.0)
olvi92*	0.75	0.75 (1.0)
olvi93*	0.75	0.75 (1.0)
olvi94*	0.75	0.75 (1.0)
olvi95*	0.75	0.75 (1.0)
olvi96*	0.75	0.75 (1.0)
olvi97*	0.75	0.75 (1.0)
olvi98*	0.75	0.75 (1.0)
olvi99*	0.75	0.75 (1.0)
olvi100*	0.75	0.75 (1.0)

relative Inform. Technology (IT)		
olvi3*	0.75	0.75 (1.0)
olvi4*	0.75	0.75 (1.0)
olvi5*	0.75	0.75 (1.0)
olvi6*	0.75	0.75 (1.0)
olvi7*	0.75	0.75 (1.0)
olvi8*	0.75	0.75 (1.0)
olvi9*	0.75	0.75 (1.0)
olvi10*	0.75	0.75 (1.0)
olvi11*	0.75	0.75 (1.0)
olvi12*	0.75	0.75 (1.0)
olvi13*	0.75	0.75 (1.0)
olvi14*	0.75	0.75 (1.0)
olvi15*	0.75	0.75 (1.0)
olvi16*	0.75	0.75 (1.0)
olvi17*	0.75	0.75 (1.0)
olvi18*	0.75	0.75 (1.0)
olvi19*	0.75	0.75 (1.0)
olvi20*	0.75	0.75 (1.0)
olvi21*	0.75	0.75 (1.0)
olvi22*	0.75	0.75 (1.0)
olvi23*	0.75	0.75 (1.0)
olvi24*	0.75	0.75 (1.0)
olvi25*	0.75	0.75 (1.0)
olvi26*	0.75	0.75 (1.0)
olvi27*	0.75	0.75 (1.0)
olvi28*	0.75	0.75 (1.0)
olvi29*	0.75	0.75 (1.0)
olvi30*	0.75	0.75 (1.0)
olvi31*	0.75	0.75 (1.0)
olvi32*	0.75	0.75 (1.0)
olvi33*	0.75	0.75 (1.0)
olvi34*	0.75	0.75 (1.0)
olvi35*	0.75	0.75 (1.0)
olvi36*	0.75	0.75 (1.0)
olvi37*	0.75	0.75 (1.0)
olvi38*	0.75	0.75 (1.0)
olvi39*	0.75	0.75 (1.0)
olvi40*	0.75	0.75 (1.0)
olvi41*	0.75	0.75 (1.0)
olvi42*	0.75	0.75 (1.0)
olvi43*	0.75	0.75 (1.0)
olvi44*	0.75	0.75 (1.0)
olvi45*	0.75	0.75 (1.0)
olvi46*	0.75	0.75 (1.0)
olvi47*	0.75	0.75 (1.0)
olvi48*	0.75	0.75 (1.0)
olvi49*	0.75	0.75 (1.0)
olvi50*	0.75	0.75 (1.0)
olvi51*	0.75	0.75 (1.0)
olvi52*	0.75	0.75 (1.0)
olvi53*	0.75	0.75 (1.0)
olvi54*	0.75	0.75 (1.0)
olvi55*	0.75	0.75 (1.0)
olvi56*	0.75	0.75 (1.0)
olvi57*	0.75	0.75 (1.0)
olvi58*	0.75	0.75 (1.0)
olvi59*	0.75	0.75 (1.0)
olvi60*	0.75	0.75 (1.0)
olvi61*	0.75	0.75 (1.0)
olvi62*	0.75	0.75 (1.0)
olvi63*	0.75	0.75 (1.0)
olvi64*	0.75	0.75 (1.0)
olvi65*	0.75	0.75 (1.0)
olvi66*	0.75	0.75 (1.0)
olvi67*	0.75	0.75 (1.0)
olvi68*	0.75	0.75 (1.0)
olvi69*	0.75	0.75 (1.0)
olvi70*	0.75	0.75 (1.0)
olvi71*	0.75	0.75 (1.0)
olvi72*	0.75	0.75 (1.0)
olvi73*	0.75	0.75 (1.0)
olvi74*	0.75	0.75 (1.0)
olvi75*	0.75	0.75 (1.0)
olvi76*	0.75	0.75 (1.0)
olvi77*	0.75	0.75 (1.0)
olvi78*	0.75	0.75 (1.0)
olvi79*	0.75	0.75 (1.0)
olvi80*	0.75	0.75 (1.0)
olvi81*	0.75	0.75 (1.0)
olvi82*	0.75	0.75 (1.0)
olvi83*	0.75	0.75 (1.0)
olvi84*	0.75	0.75 (1.0)
olvi85*	0.75	0.75 (1.0)
olvi86*	0.75	0.75 (1.0)
olvi87*	0.75	0.75 (1.0)
olvi88*	0.75	0.75 (1.0)
olvi89*	0.75	0.75 (1.0)
olvi90*	0.75	0.75 (1.0)
olvi91*	0.75	0.75 (1.0)
olvi92*	0.75	0.75 (1.0)
olvi93*	0.75	0.75 (1.0)
olvi94*	0.75	0.75 (1.0)
olvi95*	0.75	0.75 (1.0)
olvi96*	0.75	0.75 (1.0)
olvi97*	0.75	0.75 (1.0)
olvi98*	0.75	0.75 (1.0)
olvi99*	0.75	0.75 (1.0)
olvi100*	0.75	0.75 (1.0)

relative Inform. Technology (IT)		
olvi3*	0.75	0.75 (1.0)
olvi4*	0.75	0.75 (1.0)
olvi5*	0.75	0.75 (1.0)
olvi6*	0.75	0.75 (1.0)
olvi7*	0.75	0.75 (1.0)
olvi8*	0.75	0.75 (1.0)
olvi9*	0.75	0.75 (1.0)
olvi10*	0.75	0.75 (1.0)
olvi11*	0.75	0.75 (1.0)
olvi12*	0.75	0.75 (1.0)
olvi13*	0.75	0.75 (1.0)
olvi14*	0.75	0.75 (1.0)
olvi15*	0.75	0.75 (1.0)
olvi16*	0.75	0.75 (1.0)
olvi17*	0.75	0.75 (1.0)
olvi18*	0.75	0.75 (1.0)
olvi19*	0.75	0.75 (1.0)
olvi20*	0.75	0.75 (1.0)
olvi21*	0.75	0.75 (1.0)
olvi22*	0.75	0.75 (1.0)
olvi23*	0.75	0.75 (1.0)
olvi24*	0.75	0.75 (1.0)
olvi25*	0.75	0.75 (1.0)
olvi26*	0.75	0.75 (1.0)
olvi27*	0.75	0.75 (1.0)
olvi28*	0.75	0.75 (1.0)
olvi29*	0.75	0.75 (1.0)
olvi30*	0.75	0.75 (1.0)
olvi31*	0.75	0.75 (1.0)
olvi32*	0.75	0.75 (1.0)
olvi33*	0.75	0.75 (1.0)
olvi34*	0.75	0.75 (1.0)
olvi35*	0.75	0.75 (1.0)
olvi36*	0.75	0.75 (1.0)
olvi37*	0.75	0.75 (1.0)
olvi38*	0.75	0.75 (1.0)
olvi39*	0.75	0.75 (1.0)
olvi40*	0.75	0.75 (1.0)
olvi41*	0.75	0.75 (1.0)
olvi42*	0.75	0.75 (1.0)
olvi43*	0.75	0.75 (1.0)
olvi44*	0.75	0.75 (1.0)
olvi45*	0.75	0.75 (1.0)
olvi46*	0.75	0.75 (1.0)
olvi47*	0.75	0.75 (1.0)
olvi48*	0.75	0.75 (1.0)
olvi49*	0.75	0.75 (1.0)
olvi50*	0.75	0.75 (1.0)
olvi51*	0.75	0.75 (1.0)
olvi52*	0.75	0.75 (1.0)
olvi53*	0.75	0.75 (1.0)
olvi54*	0.75	0.75 (1.0)
olvi55*	0.75	0.75 (1.0)
olvi56*	0.75	0.75 (1.0)
olvi57*	0.75	0.75 (1.0)
olvi58*	0.75	0.75 (1.0)
olvi59*	0.75	0.75 (1.0)
olvi60*	0.75	0.75 (1.0)
olvi61*	0.75	0.75 (1.0)
olvi62*	0.75	0.75 (1.0)
olvi63*	0.75	0.75 (1.0)
olvi64*	0.75	0.75 (1.0)
olvi65*	0.75	0.75 (1.0)
olvi66*	0.75	0.75 (1.0)
olvi67*	0.75	0.75 (1.0)
olvi68*	0.75	0.75 (1.0)
olvi69*	0.75	0.75 (1.0)
olvi70*	0.75	0.75 (1.0)
olvi71*	0.75	0.75 (1.0)
olvi72*	0.75	0.75 (1.0)
olvi73*	0.75	0.75 (1.0)
olvi74*	0.75	0.75 (1.0)
olvi75*	0.75	0.75 (1.0)
olvi76*	0.75	0.75 (1.0)
olvi77*	0.75	0.75 (1.0)
olvi78*	0.75	0.75 (1.0)
olvi79*	0.75	0.75 (1.0)
olvi80*	0.75	0.75 (1.0)
olvi81*	0.75	0.75 (1.0)
olvi82*	0.75	0.75 (1.0)
olvi83*	0.75	0.75 (1.0)
olvi84*	0.75	0.75 (1.0)
olvi85*	0.75	0.75 (1.0)
olvi86*	0.75	0.75 (1.0)
olvi87*	0.75	0.75 (1.0)
olvi88*	0.75	0.75 (1.0)
olvi89*	0.75	0.75 (1.0)
olvi90*	0.75	0.75 (1.0)
olvi91*	0.75	0.75 (1.0)
olvi92*	0.75	0.75 (1.0)
olvi93*	0.75	0.75 (1.0)
olvi94*	0.75	0.75 (1.0)
olvi95*	0.75	0.75 (1.0)
olvi96*	0.75	0.75 (1.0)
olvi97*	0.75	0.75 (1.0)
olvi98*	0.75	0.75 (1.0)
olvi99*	0.75	0.75 (1.0)
olvi100*	0.75	0.75 (1.0)

relative Inform. Technology (IT)		
olvi3*	0.75	0.75 (1.0)
olvi4*	0.75	0.75 (1.0)
olvi5*	0.75	0.75 (1.0)
olvi6*	0.75	0.75 (1.0)

Input: Colorimetric Television Luminous System TLS00

for hue $h^* = lab^*h = 272/360 = 0.755$

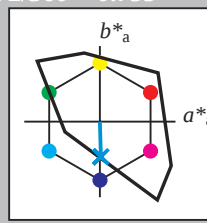
lab^*tch and lab^*nch

D65: hue B

LCH*Ma: 65 49 272

olv*Ma: 0.0 0.61 1.0

triangle lightness t^*



% Gamut

relative Inform. Technology (IT)

olvi3*	1.0	1.0	1.0	(1.0)
olvi4*	0.0	0.0	0.0	(0.0)
olvi5*	1.0	1.0	1.0	(1.0)
olvi6*	0.0	0.0	0.0	(0.0)
olvi7*	0.0	0.0	0.0	(0.0)
olvi8*	0.0	0.0	0.0	(0.0)
olvi9*	0.0	0.0	0.0	(0.0)
olvi10*	0.0	0.0	0.0	(0.0)
olvi11*	0.0	0.0	0.0	(0.0)
olvi12*	0.0	0.0	0.0	(0.0)
olvi13*	0.0	0.0	0.0	(0.0)
olvi14*	0.0	0.0	0.0	(0.0)
olvi15*	0.0	0.0	0.0	(0.0)
olvi16*	0.0	0.0	0.0	(0.0)
olvi17*	0.0	0.0	0.0	(0.0)
olvi18*	0.0	0.0	0.0	(0.0)
olvi19*	0.0	0.0	0.0	(0.0)
olvi20*	0.0	0.0	0.0	(0.0)
olvi21*	0.0	0.0	0.0	(0.0)
olvi22*	0.0	0.0	0.0	(0.0)
olvi23*	0.0	0.0	0.0	(0.0)
olvi24*	0.0	0.0	0.0	(0.0)
olvi25*	0.0	0.0	0.0	(0.0)
olvi26*	0.0	0.0	0.0	(0.0)
olvi27*	0.0	0.0	0.0	(0.0)
olvi28*	0.0	0.0	0.0	(0.0)
olvi29*	0.0	0.0	0.0	(0.0)
olvi30*	0.0	0.0	0.0	(0.0)
olvi31*	0.0	0.0	0.0	(0.0)
olvi32*	0.0	0.0	0.0	(0.0)
olvi33*	0.0	0.0	0.0	(0.0)
olvi34*	0.0	0.0	0.0	(0.0)
olvi35*	0.0	0.0	0.0	(0.0)
olvi36*	0.0	0.0	0.0	(0.0)
olvi37*	0.0	0.0	0.0	(0.0)
olvi38*	0.0	0.0	0.0	(0.0)
olvi39*	0.0	0.0	0.0	(0.0)
olvi40*	0.0	0.0	0.0	(0.0)
olvi41*	0.0	0.0	0.0	(0.0)
olvi42*	0.0	0.0	0.0	(0.0)
olvi43*	0.0	0.0	0.0	(0.0)
olvi44*	0.0	0.0	0.0	(0.0)
olvi45*	0.0	0.0	0.0	(0.0)
olvi46*	0.0	0.0	0.0	(0.0)
olvi47*	0.0	0.0	0.0	(0.0)
olvi48*	0.0	0.0	0.0	(0.0)
olvi49*	0.0	0.0	0.0	(0.0)
olvi50*	0.0	0.0	0.0	(0.0)
olvi51*	0.0	0.0	0.0	(0.0)
olvi52*	0.0	0.0	0.0	(0.0)
olvi53*	0.0	0.0	0.0	(0.0)
olvi54*	0.0	0.0	0.0	(0.0)
olvi55*	0.0	0.0	0.0	(0.0)
olvi56*	0.0	0.0	0.0	(0.0)
olvi57*	0.0	0.0	0.0	(0.0)
olvi58*	0.0	0.0	0.0	(0.0)
olvi59*	0.0	0.0	0.0	(0.0)
olvi60*	0.0	0.0	0.0	(0.0)
olvi61*	0.0	0.0	0.0	(0.0)
olvi62*	0.0	0.0	0.0	(0.0)
olvi63*	0.0	0.0	0.0	(0.0)
olvi64*	0.0	0.0	0.0	(0.0)
olvi65*	0.0	0.0	0.0	(0.0)
olvi66*	0.0	0.0	0.0	(0.0)
olvi67*	0.0	0.0	0.0	(0.0)
olvi68*	0.0	0.0	0.0	(0.0)
olvi69*	0.0	0.0	0.0	(0.0)
olvi70*	0.0	0.0	0.0	(0.0)
olvi71*	0.0	0.0	0.0	(0.0)
olvi72*	0.0	0.0	0.0	(0.0)
olvi73*	0.0	0.0	0.0	(0.0)
olvi74*	0.0	0.0	0.0	(0.0)
olvi75*	0.0	0.0	0.0	(0.0)
olvi76*	0.0	0.0	0.0	(0.0)
olvi77*	0.0	0.0	0.0	(0.0)
olvi78*	0.0	0.0	0.0	(0.0)
olvi79*	0.0	0.0	0.0	(0.0)
olvi80*	0.0	0.0	0.0	(0.0)
olvi81*	0.0	0.0	0.0	(0.0)
olvi82*	0.0	0.0	0.0	(0.0)
olvi83*	0.0	0.0	0.0	(0.0)
olvi84*	0.0	0.0	0.0	(0.0)
olvi85*	0.0	0.0	0.0	(0.0)
olvi86*	0.0	0.0	0.0	(0.0)
olvi87*	0.0	0.0	0.0	(0.0)
olvi88*	0.0	0.0	0.0	(0.0)
olvi89*	0.0	0.0	0.0	(0.0)
olvi90*	0.0	0.0	0.0	(0.0)
olvi91*	0.0	0.0	0.0	(0.0)
olvi92*	0.0	0.0	0.0	(0.0)
olvi93*	0.0	0.0	0.0	(0.0)
olvi94*	0.0	0.0	0.0	(0.0)
olvi95*	0.0	0.0	0.0	(0.0)
olvi96*	0.0	0.0	0.0	(0.0)
olvi97*	0.0	0.0	0.0	(0.0)
olvi98*	0.0	0.0	0.0	(0.0)
olvi99*	0.0	0.0	0.0	(0.0)
olvi100*	0.0	0.0	0.0	(0.0)

relative Inform. Technology (IT)

olvi3*	0.75	0.903	1.0	(1.0)
olvi4*	0.25	0.097	0.0	(0.0)
olvi5*	0.75	0.903	1.0	(1.0)
olvi6*	0.25	0.097	0.0	(0.0)
olvi7*	0.75	0.903	1.0	(1.0)
olvi8*	0.25	0.097	0.0	(0.0)
olvi9*	0.75	0.903	1.0	(1.0)
olvi10*	0.25	0.097	0.0	(0.0)
olvi11*	0.75	0.903	1.0	(1.0)
olvi12*	0.25	0.097	0.0	(0.0)
olvi13*	0.75	0.903	1.0	(1.0)
olvi14*	0.25	0.097	0.0	(0.0)
olvi15*	0.75	0.903	1.0	(1.0)
olvi16*	0.25	0.097	0.0	(0.0)
olvi17*	0.75	0.903	1.0	(1.0)
olvi18*	0.25	0.097	0.0	(0.0)
olvi19*	0.75	0.903	1.0	(1.0)
olvi20*	0.25	0.097	0.0	(0.0)
olvi21*	0.75	0.903	1.0	(1.0)
olvi22*	0.25	0.097	0.0	(0.0)
olvi23*	0.75	0.903	1.0	(1.0)
olvi24*	0.25	0.097	0.0	(0.0)
olvi25*	0.75	0.903	1.0	(1.0)
olvi26*	0.25	0.097	0.0	(0.0)
olvi27*	0.75	0.903	1.0	(1.0)
olvi28*	0.25	0.097	0.0	(0.0)
olvi29*	0.75	0.903	1.0	(1.0)
olvi30*	0.25	0.097	0.0	(0.0)
olvi31*	0.75	0.903	1.0	(1.0)
olvi32*	0.25	0.097	0.0	(0.0)
olvi33*	0.75	0.903	1.0	(1.0)
olvi34*	0.25	0.097	0.0	(0.0)
olvi35*	0.75	0.903	1.0	(1.0)
olvi36*	0.25	0.097	0.0	(0.0)
olvi37*	0.75	0.903	1.0	(1.0)
olvi38*	0.25	0.097	0.0	(0.0)
olvi39*	0.75	0.903	1.0	(1.0)
olvi40*	0.25	0.097	0.0	(0.0)
olvi41*	0.75	0.903	1.0	(1.0)
olvi42*	0.25	0.097	0.0	(0.0)
olvi43*	0.75	0.903	1.0	(1.0)
olvi44*	0.25	0.097	0.0	(0.0)
olvi45*	0.75	0.903	1.0	(1.0)
olvi46*	0.25	0.097	0.0	(0.0)
olvi47*	0.75	0.903	1.0	(1.0)
olvi48*	0.25	0.097	0.0	(0.0)
olvi49*	0.75	0.903	1.0	(1.0)
olvi50*	0.25	0.097	0.0	(0.0)
olvi51*	0.75	0.903	1.0	(1.0)
olvi52*	0.25	0.097	0.0	(0.0)
olvi53*	0.75	0.903	1.0	(1.0)
olvi54*	0.25	0.097	0.0	(0.0)
olvi55*	0.75	0.903	1.0	(1.0)
olvi56*	0.25	0.097	0.0	(0.0)
olvi57*	0.75	0.903	1.0	(1.0)
olvi58*	0.25	0.097	0.0	(0.0)
olvi59*	0.75	0.903	1.0	(1.0)
olvi60*	0.25	0.097	0.0	(0.0)
olvi61*	0.75	0.903	1.0	(1.0)
olvi62*	0.25	0.097	0.0	(0.0)
olvi63*	0.75	0.903	1.0	(1.0)
olvi64*	0.25	0.097	0.0	(0.0)
olvi65*	0.75	0.903	1.0	(1.0)
olvi66*	0.25	0.097	0.0	(0.0)
olvi67*	0.75	0.903	1.0	(1.0)
olvi68*	0.25	0.097	0.0	(0.0)
olvi69*	0.75	0.903	1.0	(1.0)
olvi70*	0.25	0.097	0.0	(0.0)
olvi71*	0.75	0.903	1.0	(1.0)
olvi72*	0.25	0.097	0.0	(0.0)
olvi73*	0.75	0.903	1.0	(1.0)
olvi74*	0.25	0.097	0.0	(0.0)
olvi75*	0.75	0.903	1.0	(1.0)
olvi76*	0.25	0.097	0.0	(0.0)
olvi77*	0.75	0.903	1.0	(1.0)
olvi78*	0.25	0.097	0.0	(0.0)
olvi79*	0.75	0.903	1.0	(1.0)
olvi80*	0.25	0.097	0.0	(0.0)
olvi81*	0.75	0.903	1.0	(1.0)
olvi82*	0.25	0.097	0.0	(0.0)
olvi83*	0.75	0.903	1.0	(1.0)
olvi84*	0.25	0.097	0.0	(0.0)
olvi85*	0.75	0.903	1.0	(1.0)
olvi86*	0.25	0.097	0.0	(0.0)
olvi87*	0.75	0.903	1.0	(1.0)
olvi88*	0.25	0.097	0.0	(0.0)
olvi89*	0.75	0.903	1.0	(1.0)
olvi90*	0.25	0.097	0.0	(0.0)
olvi91*	0.75	0.903	1.0	(1.0)
olvi92*	0.25	0.097	0.0	(0.0)
olvi93*	0.75	0.903	1.0	(1.0)
olvi94*	0.25	0.097	0.0	(0.0)
olvi95*	0.75	0.903	1.0	(1.0)
olvi96*	0.25	0.097	0.0	(0.0)
olvi97*	0.75	0.903	1.0	(1.0)
olvi98*	0.25	0.097	0.0	(0.0)
olvi99*	0.75	0.903	1.0	(1.0)
olvi100*	0.25	0.097	0.0	(0.0)

LAB*TCHa	87.5	12.16	271.7
relative CIELAB lab*			
lab*lab	0.92	0.007	-0.249
lab*tch	0.875	0.25	0.755
lab*ncb	0.0	0.25	0.755
relative Natural Colour (NC)			
lab*lrj	0.92	0.0	-0.249
lab*tce	0.875	0.25	0.75
lab*nce	0.0	0.25	g99b