

Input: Colorimetric Television Luminous System TLS00

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

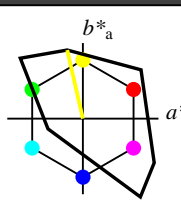
lab^*ch and lab^*nch

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	$C^*_{ab,a}$	$h^*_{ab,a}$
OMa	50.5	76.92	64.55	100.42	40
YMa	92.66	-20.69	90.75	93.08	103
LMa	83.63	-82.75	79.9	115.04	136
CMa	86.88	-46.16	-13.55	48.12	196
VMa	30.39	76.06	-103.59	128.52	306
MMa	57.3	94.35	-58.41	110.97	328
NMa	0.01	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

%Regularity

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

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

relative Inform. Technology (IT)

ohv3*	1.0	1.0	1.0	(1.0)
cmv3*	0.0	0.0	0.0	(0.0)
ohv4*	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*ChA	95.41	0.0	0.0
LAB*ChB	99.99	0.0	0.0

relative CIELAB lab*

lab*lab	1.0	0.0	0.0
lab*ch	0.0	0.0	0.0
lab*nch	0.0	0.0	0.0

relative Natural Colour (NC)

lab*lrj	1.0	0.0	0.0
lab*lrc	1.0	0.0	0.0
lab*nrc	0.0	0.0	0.0

relative Inform. Technology (IT)

ohv3*	1.0	1.0	0.75	(1.0)
cmv3*	0.0	0.0	0.25	(0.0)
ohv4*	1.0	1.0	1.0	0.75
cmv4*	0.0	0.0	0.25	0.286

standard and adapted CIELAB

LAB*LAB	94.71	-5.16	22.68
LAB*ChA	94.71	-5.16	22.68
LAB*ChB	97.5	23.26	102.85

relative CIELAB lab*

lab*lab	0.993	-0.055	0.244
lab*ch	0.875	0.25	0.286
lab*nch	0.0	0.25	0.286

relative Natural Colour (NC)

lab*lrj	0.993	-0.058	0.243
lab*lrc	0.875	0.25	0.288
lab*nrc	0.0	0.25	0.286

relative Inform. Technology (IT)

ohv3*	1.0	1.0	0.5	(1.0)
cmv3*	0.0	0.0	0.5	(0.0)
ohv4*	1.0	1.0	1.0	0.5
cmv4*	0.0	0.0	0.5	0.286

standard and adapted CIELAB

LAB*LAB	94.03	-10.34	45.37
LAB*ChA	94.03	-10.34	45.37
LAB*ChB	75.0	46.53	102.85

relative CIELAB lab*

lab*lab	0.985	-0.11	0.487
lab*ch	0.75	0.5	0.286
lab*nch	0.0	0.5	0.286

relative Natural Colour (NC)

lab*lrj	0.985	-0.116	0.486
lab*lrc	0.75	0.5	0.288
lab*nrc	0.0	0.5	0.286

relative Inform. Technology (IT)

ohv3*	1.0	1.0	0.25	(1.0)
cmv3*	0.0	0.0	0.75	(0.0)
ohv4*	1.0	1.0	0.25	1.0
cmv4*	0.0	0.0	0.75	0.0

standard and adapted CIELAB

LAB*LAB	93.34	-15.51	68.05
LAB*ChA	93.34	-15.51	68.05
LAB*ChB	62.5	69.8	102.85

relative CIELAB lab*

lab*lab	0.978	-0.166	0.731
lab*ch	0.625	0.75	0.286
lab*nch	0.0	0.75	0.286

relative Natural Colour (NC)

lab*lrj	0.978	-0.175	0.729
lab*lrc	0.625	0.75	0.288
lab*nrc	0.0	0.75	0.286

relative Inform. Technology (IT)

ohv3*	1.0	1.0	0.0	(1.0)
cmv3*	0.0	0.0	1.0	(0.0)
ohv4*	1.0	1.0	0.0	1.0
cmv4*	0.0	0.0	1.0	0.0

standard and adapted CIELAB

LAB*LAB	92.65	-20.69	90.73
LAB*ChA	92.65	-20.69	90.73
LAB*ChB	50.0	93.06	102.85

relative CIELAB lab*

lab*lab	0.971	-0.221	0.975
lab*ch	0.5	1.0	0.286
lab*nch	0.0	1.0	0.286

relative Natural Colour (NC)

lab*lrj	0.971	-0.233	0.972
lab*lrc	0.5	1.0	0.288
lab*nrc	0.0	1.0	0.286

$n^* = 0.00$

$n^* = 0.25$

$n^* = 0.25$

$n^* = 0.50$

$n^* = 0.75$

$n^* = 1.00$

$n^* = 1.00$

relative Inform. Technology (IT)

ohv3*	0.75	0.75	0.75	(1.0)
cmv3*	0.0	0.0	0.25	(0.0)
ohv4*	1.0	1.0	1.0	0.75
cmv4*	0.0	0.0	0.25	0.286

standard and adapted CIELAB

LAB*LAB	71.57	0.0	0.0
LAB*ChA	71.57	0.0	0.0
LAB*ChB	75.0	0.0	1.0

relative CIELAB lab*

lab*lab	0.75	0.0	0.0
lab*ch	0.75	0.0	0.0
lab*nch	0.25	0.0	0.0

relative Natural Colour (NC)

lab*lrj	0.75	0.0	0.0
lab*lrc	0.75	0.0	0.0
lab*nrc	0.25	0.0	0.0

relative Inform. Technology (IT)

ohv3*	0.75	0.75	0.5	(1.0)
cmv3*	0.25	0.25	0.5	(0.0)
ohv4*	1.0	1.0	0.75	0.75
cmv4*	0.0	0.0	0.25	0.286

standard and adapted CIELAB

LAB*LAB	70.87	-5.17	22.69
LAB*ChA	70.87	-5.17	22.69
LAB*ChB	62.5	23.27	102.85

relative CIELAB lab*

lab*lab	0.743	-0.058	0.243
lab*ch	0.625	0.25	0.286
lab*nch	0.25	0.25	0.286

relative Natural Colour (NC)

lab*lrj	0.743	-0.058	0.243
lab*lrc	0.625	0.25	0.288
lab*nrc	0.25	0.25	0.286

relative Inform. Technology (IT)

ohv3*	0.75	0.75	0.25	(1.0)
cmv3*	0.25	0.25	0.75	(0.0)
ohv4*	1.0	1.0	0.5	0.75
cmv4*	0.0	0.0	0.5	0.286

standard and adapted CIELAB

LAB*LAB	70.19	-10.34	45.38
LAB*ChA	70.19	-10.34	45.38
LAB*ChB	50.0	46.54	102.85

relative CIELAB lab*

lab*lab	0.736	-0.116	0.486
lab*ch	0.625	0.75	0.286
lab*nch	0.25	0.75	0.286

relative Natural Colour (NC)

lab*lrj	0.736	-0.116	0.486
lab*lrc	0.625	0.75	0.288
lab*nrc	0.25	0.75	0.286

relative Inform. Technology (IT)

ohv3*	0.75	0.75	0.0	(1.0)
cmv3*	0.25	0.25	1.0	(0.0)
ohv4*	1.0	1.0	0.25	0.75
cmv4*	0.0	0.0	0.75	0.25

standard and adapted CIELAB

LAB*LAB	69.5	-15.51	68.05
LAB*ChA	69.5	-15.51	68.05
LAB*ChB	37.5	69.8	102.85

relative CIELAB lab*

lab*lab	0.728	-0.166	0.731
lab*ch	0.375	0.75	0.286
lab*nch	0.25	0.75	0.286

relative Natural Colour (NC)

lab*lrj	0.728	-0.175	0.729
lab*lrc	0.375	0.75	0.288
lab*nrc	0.25	0.75	0.286

$n^* = 0.00$

$n^* = 0.25$

$n^* = 0.25$

$n^* = 0.50$

$n^* = 0.75$

$n^* = 1.00$

Output: Colorimetric Television Luminous System TLS70

for hue $h^* = lab^*h = 107/360 = 0.298$

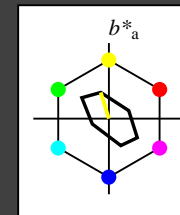
lab^*ch and lab^*nch

D65: hue Y

LCH*Ma: 94 36 107

olv*Ma: 1.0 1.0 0.0

triangle lightness t^*



TLS70; adapted (a) CIELAB data

	$L^* = L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
OMa	76.43	26.27	10.57	28.32	22
YMa	93.93	-10.76	34.63	36.27	107
LMa	89.32	-35.8	27.64	45.24	142
CMa	90.93	-21.95	-7.07	23.07	198
VMa	72.1	15.76	-35.63	38.97	294
MMa	78.5	37.52	-25.23	45.22	326
NMa	69.7	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

%Regularity

$g^*_{H,rel} = 34$

$g^*_{C,rel} = 51$

relative Inform. Technology (IT)

ohv3*	1.0	1.0	1.0	(1.0)
cmv3*	0.0	0.0	0.25	(0.0)
ohv4*	1.0	1.0	1.0	1.0
cmv4*	0.0	0.0	0.25	0.0

standard and adapted CIELAB

LAB*LAB	95.41	0.0	0.0
LAB*ChA	95.41	0.0	0.0
LAB*ChB	99.99	0.0	0.0

relative CIELAB lab*

lab*lab	1.0	0.0	0.0
lab*ch	0.0	0.0	0.0
lab*nch	0.0	0.0	0.0

relative Natural Colour (NC)

lab*lrj	1.0	0.0	0.0
lab*lrc	1.0	0.0	0.0
lab*nrc	0.0	0.0	0.0

relative Inform. Technology (IT)

ohv3*	1.0	1.0	0.75	(1.0)
cmv3*	0.0	0.0	0.25	(0.0)
ohv4*	1.0	1.0	1.0	0.75
cmv4*	0.0	0.0	0.25	0.298

standard and adapted CIELAB

LAB*LAB	94.67	-2.68	8.65
LAB*ChA	94.67	-2.68	8.65
LAB*ChB	87.5	9.06	107.28

relative CIELAB lab*

lab*lab	0.986	-0.073	0.239
lab*ch	0.875	0.25	0.298
lab*nch	0.0	0.25	0.298

relative Natural Colour (NC)

lab*lrj	0.986	-0.081	0.236
lab*lrc	0.875	0.25	0.304
lab*nrc	0.0	0.25	0.298

relative Inform. Technology (IT)

ohv3*	0.75	0.75	0.75	(1.0)
cmv3*	0.0	0.0	0.25	(0.0)
ohv4*	1.0	1.0	1.0	0.75
cmv4*	0.0	0.0	0.25	0.298

standard and adapted CIELAB

LAB*LAB	88.88	0.0	0.0
LAB*ChA	88.88	0.0	0.0
LAB*ChB	75.0	0.0	1.0

relative CIELAB lab*

lab*lab	0.75	0.0	0.0
lab*ch	0.75	0.0	0.0
lab*nch	0.25	0.0	0.0

relative Natural Colour (NC)

lab*lrj	0.75	0.0	0.0
lab*lrc	0.75	0.0	0.0
lab*nrc	0.25	0.0	0.0

relative Inform. Technology (IT)

ohv3*	0.75	0.75	0.5	(1.0)
cmv3*	0.25	0.25	0.5	(0.0)
ohv4*	1.0	1.0	0.75	0.75
cmv4*	0.0	0.0	0.25	0.298

standard and adapted CIELAB

LAB*LAB	88.61	-2.68	8.66
LAB*ChA	88.61	-2.68	8.66
LAB*ChB	62.5	9.07	107.28

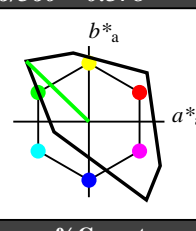
relative CIELAB lab*

Input: Colorimetric Television Luminous System TLS00

for hue $h^* = lab^*h = 136/360 = 0.378$
 lab^*ch and lab^*nch

D65: hue L
 LCH*Ma: 84 115 136
 olv*Ma: 0.0 1.0 0.0

triangle lightness t^*



%Gamut
 $u^*_{rel} = 158$

TLS00; adapted (a) CIELAB data

	$L^* = L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
OMa	50.5	76.92	64.55	100.42	40
YMa	92.66	-20.69	90.75	93.08	103
LMa	83.63	-82.75	79.9	115.04	136
CMa	86.88	-46.16	-13.55	48.12	196
VMa	30.39	76.06	-103.59	128.52	306
MMa	57.3	94.35	-58.41	110.97	328
NMa	0.01	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

%Regularity

$g^*_{H,rel} = 20$
 $g^*_{C,rel} = 37$

relative Inform. Technology (IT)

ohv3*	1.0	1.0	1.0	(1.0)
cmv3*	0.0	0.0	0.0	(0.0)
ohv4*	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*LABc	99.99	0.0	0.0

relative Inform. Technology (IT)

ohv3*	0.75	1.0	0.75	(1.0)
cmv3*	0.25	0.0	0.25	(0.0)
ohv4*	0.75	1.0	0.75	(1.0)
cmv4*	0.25	0.0	0.25	(0.0)

standard and adapted CIELAB

LAB*LAB	92.46	-20.67	19.97
LAB*LABa	92.46	-20.67	19.97
LAB*LABc	97.3	28.75	36.01

relative Inform. Technology (IT)

ohv3*	0.5	1.0	0.5	(1.0)
cmv3*	0.5	0.0	0.5	(0.0)
ohv4*	0.5	1.0	0.5	(1.0)
cmv4*	0.5	0.0	0.5	(0.0)

standard and adapted CIELAB

LAB*LAB	89.51	-41.36	39.94
LAB*LABa	89.51	-41.36	39.94
LAB*LABc	95.0	0.0	0.0

relative Inform. Technology (IT)

ohv3*	0.25	1.0	0.25	(1.0)
cmv3*	0.75	0.0	0.75	(0.0)
ohv4*	0.25	1.0	0.25	(1.0)
cmv4*	0.75	0.0	0.75	(0.0)

standard and adapted CIELAB

LAB*LAB	86.57	-62.05	59.92
LAB*LABa	86.57	-62.05	59.92
LAB*LABc	90.0	0.0	0.0

relative Inform. Technology (IT)

ohv3*	0.0	1.0	0.0	(1.0)
cmv3*	1.0	0.0	1.0	(0.0)
ohv4*	0.0	1.0	0.0	(1.0)
cmv4*	1.0	0.0	1.0	(0.0)

standard and adapted CIELAB

LAB*LAB	88.98	0.0	0.0
LAB*LABa	88.98	0.0	0.0
LAB*LABc	95.41	0.0	0.0

relative Inform. Technology (IT)

ohv3*	0.75	0.75	0.75	(1.0)
cmv3*	0.25	0.25	0.25	(0.0)
ohv4*	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*LABc	75.0	0.0	0.0

relative Inform. Technology (IT)

ohv3*	0.75	1.0	0.75	(1.0)
cmv3*	0.25	0.0	0.25	(0.0)
ohv4*	0.75	1.0	0.75	(1.0)
cmv4*	0.25	0.0	0.25	(0.0)

standard and adapted CIELAB

LAB*LAB	68.61	-20.68	19.98
LAB*LABa	68.61	-20.68	19.98
LAB*LABc	75.0	0.0	0.0

relative Inform. Technology (IT)

ohv3*	0.5	1.0	0.5	(1.0)
cmv3*	0.5	0.0	0.5	(0.0)
ohv4*	0.5	1.0	0.5	(1.0)
cmv4*	0.5	0.0	0.5	(0.0)

standard and adapted CIELAB

LAB*LAB	65.67	-41.37	39.95
LAB*LABa	65.67	-41.37	39.95
LAB*LABc	75.0	0.0	0.0

relative Inform. Technology (IT)

ohv3*	0.25	1.0	0.25	(1.0)
cmv3*	0.75	0.0	0.75	(0.0)
ohv4*	0.25	1.0	0.25	(1.0)
cmv4*	0.75	0.0	0.75	(0.0)

standard and adapted CIELAB

LAB*LAB	62.73	-62.05	59.92
LAB*LABa	62.73	-62.05	59.92
LAB*LABc	86.27	136.01	0.0

relative Inform. Technology (IT)

ohv3*	0.0	1.0	0.0	(1.0)
cmv3*	1.0	0.0	1.0	(0.0)
ohv4*	0.0	1.0	0.0	(1.0)
cmv4*	1.0	0.0	1.0	(0.0)

standard and adapted CIELAB

LAB*LAB	83.62	-82.75	79.88
LAB*LABa	83.62	-82.75	79.88
LAB*LABc	90.0	0.0	0.0

relative Inform. Technology (IT)

ohv3*	0.75	0.5	0.5	(0.0)
cmv3*	1.0	1.0	1.0	(0.0)
ohv4*	0.5	1.0	0.5	(0.0)
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*LABc	50.0	0.0	0.0

relative Inform. Technology (IT)

ohv3*	0.75	1.0	0.75	(1.0)
cmv3*	0.25	0.0	0.25	(0.0)
ohv4*	0.75	1.0	0.75	(1.0)
cmv4*	0.25	0.0	0.25	(0.0)

standard and adapted CIELAB

LAB*LAB	44.76	-20.68	19.98
LAB*LABa	44.76	-20.68	19.98
LAB*LABc	50.0	0.0	0.0

relative Inform. Technology (IT)

ohv3*	0.5	1.0	0.5	(1.0)
cmv3*	0.5	0.0	0.5	(0.0)
ohv4*	0.5	1.0	0.5	(1.0)
cmv4*	0.5	0.0	0.5	(0.0)

standard and adapted CIELAB

LAB*LAB	41.82	-41.37	39.95
LAB*LABa	41.82	-41.37	39.95
LAB*LABc	50.0	0.0	0.0

relative Inform. Technology (IT)

ohv3*	0.25	1.0	0.25	(1.0)
cmv3*	0.75	0.0	0.75	(0.0)
ohv4*	0.25	1.0	0.25	(1.0)
cmv4*	0.75	0.0	0.75	(0.0)

standard and adapted CIELAB

LAB*LAB	38.62	-82.75	79.88
LAB*LABa	38.62	-82.75	79.88
LAB*LABc	90.0	0.0	0.0

relative Inform. Technology (IT)

ohv3*	0.0	1.0	0.0	(1.0)
cmv3*	1.0	0.0	1.0	(0.0)
ohv4*	0.0	1.0	0.0	(1.0)
cmv4*	1.0	0.0	1.0	(0.0)

standard and adapted CIELAB

LAB*LAB	82.56	0.0	0.0
LAB*LABa	82.56	0.0	0.0
LAB*LABc	90.0	0.0	0.0

relative Inform. Technology (IT)

ohv3*	0.75	0.25	0.25	(1.0)
cmv3*	0.75	0.75	0.75	(0.0)
ohv4*	1.0	1.0	1.0	(1.0)
cmv4*	0.0	0.0	0.0	(0.0)

standard and adapted CIELAB

LAB*LAB	30.39	0.0	0.0
LAB*LABa	30.39	0.0	0.0
LAB*LABc	30.0	0.0	0.0

relative Inform. Technology (IT)

ohv3*	0.75	1.0	0.75	(1.0)
cmv3*	0.25	0.0	0.25	(0.0)
ohv4*	0.75	1.0	0.75	(1.0)
cmv4*	0.25	0.0	0.25	(0.0)

standard and adapted CIELAB

LAB*LAB	28.75	28.75	36.01
LAB*LABa	28.75	28.75	36.01
LAB*LABc	50.0	0.0	0.0

relative Inform. Technology (IT)

ohv3*	0.5	1.0	0.5	(1.0)
cmv3*	0.5	0.0	0.5	(0.0)
ohv4*	0.5	1.0	0.5	(1.0)
cmv4*	0.5	0.0	0.5	(0.0)

standard and adapted CIELAB

LAB*LAB	25.0	0.0	0.0
LAB*LABa	25.0	0.0	0.0
LAB*LABc	50.0	0.0	0.0

relative Inform. Technology (IT)

ohv3*	0.25	1.0	0.25	(1.0)
cmv3*	0.75	0.0	0.75	(0.0)
ohv4*	0.25	1.0	0.25	(1.0)
cmv4*	0.75	0.0	0.75	(0.0)

standard and adapted CIELAB

LAB*LAB	22.0	-41.36	39.94
LAB*LABa	22.0	-41.36	39.94
LAB*LABc	90.0	0.0	0.0

relative Inform. Technology (IT)

ohv3*	0.0	1.0	0.0	(1.0)
cmv3*	1.0	0.0	1.0	(0.0)
ohv4*	0.0	1.0	0.0	(1.0)
cmv4*	1.0	0.0	1.0	(0.0)

standard and adapted CIELAB

LAB*LAB	76.13	0.0	0.0
LAB*LABa	76.13	0.0	0.0
LAB*LABc	90.0	0.0	0.0

relative Inform. Technology (IT)

ohv3*	0.75	0.0	0.0	(0.0)
cmv3*	1.0	1.0	1.0	(0.0)
ohv4*	0.0	1.0	0.0	(0.0)
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*LABc	25.0	0.0	0.0

relative Inform. Technology (IT)

ohv3*	0.75	1.0	0.75	(1.0)
cmv3*	0.25	0.0	0.25	(0.0)
ohv4*	0.75	1.0	0.75	(1.0)
cmv4*	0.25	0.0	0.25	(0.0)

standard and adapted CIELAB

LAB*LAB	20.92	-20.67	19.97
LAB*LABa	20.92	-20.67	19.97
LAB*LABc	25.0	0.0	0.0

relative Inform. Technology (IT)

ohv3*	0.5	1.0	0.5	(1.0)
cmv3*	0.5	0.0	0.5	(0.0)
ohv4*	0.5	1.0	0.5	(1.0)
cmv4*	0.5	0.0	0.5	(0.0)

standard and adapted CIELAB

LAB*LAB	18.2	-41.37	39.95
LAB*LABa	18.2	-41.37	39.95
LAB*LABc	25.0	0.0	0.0

relative Inform. Technology (IT)

ohv3*	0.25	1.0	0.25	(1.0)
cmv3*	0.75	0.0	0.75	(0.0)
ohv4*	0.25	1.0	0.25	(1.0)
cmv4*	0.75	0.0	0.75	(0.0)

standard and adapted CIELAB

LAB*LAB	15.11	136.01	0.0
LAB*LABa	15.11	136.01	0.0
LAB*LABc	90.0	0.0	0.0

relative Inform. Technology (IT)

ohv3*	0.0	1.0	0.0	(1.0)
cmv3*	1.0	0.0	1.0	(0.0)
ohv4*	0.0	1.0	0.0	(1.0)
cmv4*	1.0	0.0	1.0	(0.0)

standard and adapted CIELAB

LAB*LAB	85.62	-82.75	79.88
LAB*LABa	85.62	-82.75	79.88
LAB*LABc	90.0	0.0	0.0

relative Inform. Technology (IT)

ohv3*	0.75	0.75	0.75	(1.0)
cmv3*	0.25	0.25	0.25	(0.0)
ohv4*	1.0	1.0	1.0	(1.0)
cmv4*	0.0	0.0	0.0	(0.0)

standard and adapted CIELAB

LAB*LAB	17.57	0.0	0.0
LAB*LABa	17.57	0.0	0.0
LAB*LABc	17.50	0.0	0.0

relative Inform. Technology (IT)

ohv3*	0.75	1.0	0.75	(1.0)
cmv3*	0.25	0.0	0.25	(0.0)
ohv4*	0.75	1.0	0.75	(1.0)
cmv4*	0.25	0.0	0.25	(0.0)

standard and adapted CIELAB

LAB*LAB	14.59	-20.67	19.97
LAB*LABa	14.59	-20.67	19.97
LAB*LABc	17.50	0.0	0.0

relative Inform. Technology (IT)

ohv3*	0.5	1.0	0.5	(1.0)
cmv3*	0.5	0.0	0.5	(0.0)
ohv4*	0.5	1.0	0.5	(1.0)
cmv4*	0.5	0.0	0.5	(0.0)

standard and adapted CIELAB

LAB*LAB	11.51	-41.36	39.94
LAB*LABa	11.51	-41.36	39.94
LAB*LABc	17.50	0.0	0.0

relative Inform. Technology (IT)

ohv3*	0
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Input: Colorimetric Television Luminous System TLS00

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

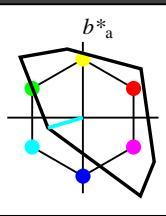
lab^*ch and lab^*nch

D65: hue C

LCH*Ma: 87 48 196

olv*Ma: 0.0 1.0 1.0

triangle lightness t^*



%Gamut

$u^*_{rel} = 158$

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
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

%Regularity

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

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

relative Inform. Technology (IT)

ohv3*	1.0	1.0	1.0	(1.0)
ohv4*	0.0	0.0	0.0	(0.0)
ohv5*	1.0	1.0	1.0	(1.0)
ohv6*	0.0	0.0	0.0	(0.0)
ohv7*	1.0	1.0	1.0	(1.0)
ohv8*	0.0	0.0	0.0	(0.0)
ohv9*	1.0	1.0	1.0	(1.0)
ohv10*	0.0	0.0	0.0	(0.0)
ohv11*	1.0	1.0	1.0	(1.0)
ohv12*	0.0	0.0	0.0	(0.0)
ohv13*	1.0	1.0	1.0	(1.0)
ohv14*	0.0	0.0	0.0	(0.0)
ohv15*	1.0	1.0	1.0	(1.0)
ohv16*	0.0	0.0	0.0	(0.0)
ohv17*	1.0	1.0	1.0	(1.0)
ohv18*	0.0	0.0	0.0	(0.0)
ohv19*	1.0	1.0	1.0	(1.0)
ohv20*	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	95.41	0.0	0.0
LAB*LABc	95.41	0.0	0.0
LAB*LABd	95.41	0.0	0.0
LAB*LABe	95.41	0.0	0.0
LAB*LABf	95.41	0.0	0.0
LAB*LABg	95.41	0.0	0.0
LAB*LABh	95.41	0.0	0.0
LAB*LABi	95.41	0.0	0.0
LAB*LABj	95.41	0.0	0.0
LAB*LABk	95.41	0.0	0.0
LAB*LABl	95.41	0.0	0.0
LAB*LABm	95.41	0.0	0.0
LAB*LABn	95.41	0.0	0.0
LAB*LABo	95.41	0.0	0.0
LAB*LABp	95.41	0.0	0.0
LAB*LABq	95.41	0.0	0.0
LAB*LABr	95.41	0.0	0.0
LAB*LABs	95.41	0.0	0.0
LAB*LABt	95.41	0.0	0.0
LAB*LABu	95.41	0.0	0.0
LAB*LABv	95.41	0.0	0.0
LAB*LABw	95.41	0.0	0.0
LAB*LABx	95.41	0.0	0.0
LAB*LABy	95.41	0.0	0.0
LAB*LABz	95.41	0.0	0.0

relative Inform. Technology (IT)

ohv3*	0.75	1.0	1.0	(1.0)
ohv4*	0.0	0.0	0.0	(0.0)
ohv5*	0.75	1.0	1.0	(1.0)
ohv6*	0.0	0.0	0.0	(0.0)
ohv7*	0.75	1.0	1.0	(1.0)
ohv8*	0.0	0.0	0.0	(0.0)
ohv9*	0.75	1.0	1.0	(1.0)
ohv10*	0.0	0.0	0.0	(0.0)
ohv11*	0.75	1.0	1.0	(1.0)
ohv12*	0.0	0.0	0.0	(0.0)
ohv13*	0.75	1.0	1.0	(1.0)
ohv14*	0.0	0.0	0.0	(0.0)
ohv15*	0.75	1.0	1.0	(1.0)
ohv16*	0.0	0.0	0.0	(0.0)
ohv17*	0.75	1.0	1.0	(1.0)
ohv18*	0.0	0.0	0.0	(0.0)
ohv19*	0.75	1.0	1.0	(1.0)
ohv20*	0.0	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	93.27	-11.53	-3.38
LAB*LABc	93.27	-11.53	-3.38
LAB*LABd	93.27	-11.53	-3.38
LAB*LABe	93.27	-11.53	-3.38
LAB*LABf	93.27	-11.53	-3.38
LAB*LABg	93.27	-11.53	-3.38
LAB*LABh	93.27	-11.53	-3.38
LAB*LABi	93.27	-11.53	-3.38
LAB*LABj	93.27	-11.53	-3.38
LAB*LABk	93.27	-11.53	-3.38
LAB*LABl	93.27	-11.53	-3.38
LAB*LABm	93.27	-11.53	-3.38
LAB*LABn	93.27	-11.53	-3.38
LAB*LABo	93.27	-11.53	-3.38
LAB*LABp	93.27	-11.53	-3.38
LAB*LABq	93.27	-11.53	-3.38
LAB*LABr	93.27	-11.53	-3.38
LAB*LABs	93.27	-11.53	-3.38
LAB*LABt	93.27	-11.53	-3.38
LAB*LABu	93.27	-11.53	-3.38
LAB*LABv	93.27	-11.53	-3.38
LAB*LABw	93.27	-11.53	-3.38
LAB*LABx	93.27	-11.53	-3.38
LAB*LABy	93.27	-11.53	-3.38
LAB*LABz	93.27	-11.53	-3.38

relative Inform. Technology (IT)

ohv3*	0.5	1.0	1.0	(1.0)
ohv4*	0.0	0.0	0.0	(0.0)
ohv5*	0.5	1.0	1.0	(1.0)
ohv6*	0.0	0.0	0.0	(0.0)
ohv7*	0.5	1.0	1.0	(1.0)
ohv8*	0.0	0.0	0.0	(0.0)
ohv9*	0.5	1.0	1.0	(1.0)
ohv10*	0.0	0.0	0.0	(0.0)
ohv11*	0.5	1.0	1.0	(1.0)
ohv12*	0.0	0.0	0.0	(0.0)
ohv13*	0.5	1.0	1.0	(1.0)
ohv14*	0.0	0.0	0.0	(0.0)
ohv15*	0.5	1.0	1.0	(1.0)
ohv16*	0.0	0.0	0.0	(0.0)
ohv17*	0.5	1.0	1.0	(1.0)
ohv18*	0.0	0.0	0.0	(0.0)
ohv19*	0.5	1.0	1.0	(1.0)
ohv20*	0.0	0.0	0.0	(0.0)

standard and adapted CIELAB

LAB*LAB	88.98	0.0	0.0
LAB*LABa	88.98	0.0	0.0
LAB*LABb	88.98	0.0	0.0
LAB*LABc	88.98	0.0	0.0
LAB*LABd	88.98	0.0	0.0
LAB*LABe	88.98	0.0	0.0
LAB*LABf	88.98	0.0	0.0
LAB*LABg	88.98	0.0	0.0
LAB*LABh	88.98	0.0	0.0
LAB*LABi	88.98	0.0	0.0
LAB*LABj	88.98	0.0	0.0
LAB*LABk	88.98	0.0	0.0
LAB*LABl	88.98	0.0	0.0
LAB*LABm	88.98	0.0	0.0
LAB*LABn	88.98	0.0	0.0
LAB*LABo	88.98	0.0	0.0
LAB*LABp	88.98	0.0	0.0
LAB*LABq	88.98	0.0	0.0
LAB*LABr	88.98	0.0	0.0
LAB*LABs	88.98	0.0	0.0
LAB*LABt	88.98	0.0	0.0
LAB*LABu	88.98	0.0	0.0
LAB*LABv	88.98	0.0	0.0
LAB*LABw	88.98	0.0	0.0
LAB*LABx	88.98	0.0	0.0
LAB*LABy	88.98	0.0	0.0
LAB*LABz	88.98	0.0	0.0

relative Inform. Technology (IT)

ohv3*	0.25	1.0	1.0	(1.0)
ohv4*	0.0	0.0	0.0	(0.0)
ohv5*	0.25	1.0	1.0	(1.0)
ohv6*	0.0	0.0	0.0	(0.0)
ohv7*	0.25	1.0	1.0	(1.0)
ohv8*	0.0	0.0	0.0	(0.0)
ohv9*	0.25	1.0	1.0	(1.0)
ohv10*	0.0	0.0	0.0	(0.0)
ohv11*	0.25	1.0	1.0	(1.0)
ohv12*	0.0	0.0	0.0	(0.0)
ohv13*	0.25	1.0	1.0	(1.0)
ohv14*	0.0	0.0	0.0	(0.0)
ohv15*	0.25	1.0	1.0	(1.0)
ohv16*	0.0	0.0	0.0	(0.0)
ohv17*	0.25	1.0	1.0	(1.0)
ohv18*	0.0	0.0	0.0	(0.0)
ohv19*	0.25	1.0	1.0	(1.0)
ohv20*	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	71.57	0.0	0.0
LAB*LABc	71.57	0.0	0.0
LAB*LABd	71.57	0.0	0.0
LAB*LABe	71.57	0.0	0.0
LAB*LABf	71.57	0.0	0.0
LAB*LABg	71.57	0.0	0.0
LAB*LABh	71.57	0.0	0.0
LAB*LABi	71.57	0.0	0.0
LAB*LABj	71.57	0.0	0.0
LAB*LABk	71.57	0.0	0.0
LAB*LABl	71.57	0.0	0.0
LAB*LABm	71.57	0.0	0.0
LAB*LABn	71.57	0.0	0.0
LAB*LABo	71.57	0.0	0.0
LAB*LABp	71.57	0.0	0.0
LAB*LABq	71.57	0.0	0.0
LAB*LABr	71.57	0.0	0.0
LAB*LABs	71.57	0.0	0.0
LAB*LABt	71.57	0.0	0.0
LAB*LABu	71.57	0.0	0.0
LAB*LABv	71.57	0.0	0.0
LAB*LABw	71.57	0.0	0.0
LAB*LABx	71.57	0.0	0.0
LAB*LABy	71.57	0.0	0.0
LAB*LABz	71.57	0.0	0.0

relative Inform. Technology (IT)

ohv3*	0.75	0.75	0.75	(1.0)
ohv4*	0.0	0.0	0.0	(0.0)
ohv5*	0.75	0.75	0.75	(1.0)
ohv6*	0.0	0.0	0.0	(0.0)
ohv7*	0.75	0.75	0.75	(1.0)
ohv8*	0.0	0.0	0.0	(0.0)
ohv9*	0.75	0.75	0.75	(1.0)
ohv10*	0.0	0.0	0.0	(0.0)
ohv11*	0.75	0.75	0.75	(1.0)
ohv12*	0.0	0.0	0.0	(0.0)
ohv13*	0.75	0.75	0.75	(1.0)
ohv14*	0.0	0.0	0.0	(0.0)
ohv15*	0.75	0.75	0.75	(1.0)
ohv16*	0.0	0.0	0.0	(0.0)
ohv17*	0.75	0.75	0.75	(1.0)
ohv18*	0.0	0.0	0.0	(0.0)
ohv19*	0.75	0.75	0.75	(1.0)
ohv20*	0.0	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	91.14	-23.07	-6.77
LAB*LABc	91.14	-23.07	-6.77
LAB*LABd	91.14	-23.07	-6.77
LAB*LABe	91.14	-23.07	-6.77
LAB*LABf	91.14	-23.07	-6.77
LAB*LABg	91.14	-23.07	-6.77
LAB*LABh	91.14	-23.07	-6.77
LAB*LABi	91.14	-23.07	-6.77
LAB*LABj	91.14	-23.07	-6.77
LAB*LABk	91.14	-23.07	-6.77
LAB*LABl	91.14	-23.07	-6.77
LAB*LABm	91.14	-23.07	-6.77
LAB*LABn	91.14	-23.07	-6.77
LAB*LABo	91.14	-23.07	-6.77
LAB*LABp	91.14	-23.07	-6.77
LAB*LABq	91.14	-23.07	-6.77
LAB*LABr	91.14	-23.07	-6.77
LAB*LABs	91.14	-23.07	-6.77
LAB*LABt	91.14	-23.07	-6.77
LAB*LABu	91.14	-23.07	-6.77
LAB*LABv	91.14	-23.07	-6.77
LAB*LABw	91.14	-23.07	-6.77
LAB*LABx	91.14	-23.07	-6.77
LAB*LABy	91.14	-23.07	-6.77
LAB*LABz	91.14	-23.07	-6.77

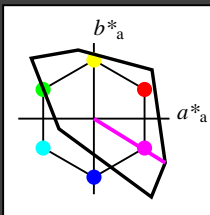
relative Inform. Technology (IT)

ohv3*	0.5	0.5	0.5	(1.0)
ohv4*	0.0	0.0	0.0	(0.0)
ohv5*	0.5	0.5	0.5	(1.0)
ohv6*	0.0	0.0	0.0	(0.0)
ohv7*	0.5	0.5	0.5	(1.0)
ohv8*	0.0	0.0	0.0	(0.0)
ohv9*	0.5	0.5	0.5	(1

Input: Colorimetric Television Luminous System TLS00

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

D65: hue M
LCH*Ma: 57 111 328
olv*Ma: 1.0 0.0 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

%Gamut
 $u^*_{rel} = 158$

relative Inform. Technology (IT)

ohv3*	1.0	1.0	1.0	(1.0)
cmv3*	0.0	0.0	0.0	(0.0)
ohv4*	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*LAB	95.41	0.0	0.0
LAB*TLCh	99.99	0.01	-

relative CIELAB lab*

lab*lab	1.0	0.0	0.0
lab*ch	1.0	0.0	0.0
lab*nch	0.0	1.0	0.0
cmv3*	0.0	0.0	0.0
cmv4*	0.0	0.0	0.0

relative Natural Colour (NC)

lab*nrj	1.0	0.0	0.0
lab*nrc	0.0	1.0	0.0
lab*nrc	0.0	0.0	1.0

relative Inform. Technology (IT)

ohv3*	1.0	0.75	1.0	(1.0)
cmv3*	0.0	0.25	0.0	(0.0)
ohv4*	1.0	0.75	1.0	(1.0)
cmv4*	0.0	0.25	0.0	(0.0)

standard and adapted CIELAB

LAB*LAB	85.88	23.58	-14.59
LAB*LAB	85.88	23.58	-14.59
LAB*TLCh	87.5	27.73	328.24

relative CIELAB lab*

lab*lab	0.9	0.212	-0.131
lab*ch	0.875	0.25	0.912
lab*nch	0.0	0.25	0.912
cmv3*	0.0	0.25	0.0
cmv4*	0.0	0.25	0.0

relative Natural Colour (NC)

lab*nrj	0.9	0.176	-0.177
lab*nrc	0.875	0.25	0.874
lab*nrc	0.0	0.25	0.894

relative Inform. Technology (IT)

ohv3*	1.0	0.5	1.0	(1.0)
cmv3*	0.0	0.5	0.0	(0.0)
ohv4*	1.0	0.5	1.0	(1.0)
cmv4*	0.0	0.5	0.0	(0.0)

standard and adapted CIELAB

LAB*LAB	76.35	47.17	-29.19
LAB*LAB	76.35	47.17	-29.19
LAB*TLCh	75.0	55.47	328.23

relative CIELAB lab*

lab*lab	0.8	0.425	-0.262
lab*ch	0.75	0.5	0.912
lab*nch	0.0	0.5	0.912
cmv3*	0.0	0.5	0.0
cmv4*	0.0	0.5	0.0

relative Natural Colour (NC)

lab*nrj	0.8	0.352	-0.354
lab*nrc	0.75	0.5	0.874
lab*nrc	0.0	0.5	0.894

relative Inform. Technology (IT)

ohv3*	1.0	0.25	1.0	(1.0)
cmv3*	0.0	0.25	0.0	(0.0)
ohv4*	1.0	0.25	1.0	(1.0)
cmv4*	0.0	0.25	0.0	(0.0)

standard and adapted CIELAB

LAB*LAB	66.82	70.35	-43.8
LAB*LAB	66.82	70.35	-43.8
LAB*TLCh	62.5	83.22	328.23

relative CIELAB lab*

lab*lab	0.7	0.638	-0.394
lab*ch	0.625	0.75	0.912
lab*nch	0.0	0.75	0.912
cmv3*	0.0	0.75	0.0
cmv4*	0.0	0.75	0.0

relative Natural Colour (NC)

lab*nrj	0.7	0.528	-0.532
lab*nrc	0.625	0.75	0.874
lab*nrc	0.0	0.75	0.894

relative Inform. Technology (IT)

ohv3*	1.0	0.0	1.0	(1.0)
cmv3*	0.5	0.5	0.0	(0.0)
ohv4*	1.0	0.0	1.0	(1.0)
cmv4*	0.5	0.5	0.0	(0.0)

standard and adapted CIELAB

LAB*LAB	57.3	94.33	-58.4
LAB*LAB	57.3	94.33	-58.4
LAB*TLCh	50.0	110.95	328.23

relative CIELAB lab*

lab*lab	0.6	0.85	-0.525
lab*ch	0.5	1.0	0.912
lab*nch	0.0	1.0	0.912
cmv3*	0.5	0.5	0.0
cmv4*	0.5	0.5	0.0

relative Natural Colour (NC)

lab*nrj	0.6	0.703	-0.71
lab*nrc	0.5	1.0	0.874
lab*nrc	0.0	1.0	0.894

relative Inform. Technology (IT)

ohv3*	0.75	0.0	0.75	(1.0)
cmv3*	0.25	0.25	0.0	(0.0)
ohv4*	1.0	0.0	1.0	(1.0)
cmv4*	0.0	0.0	0.0	(0.0)

standard and adapted CIELAB

LAB*LAB	42.98	70.35	-43.8
LAB*LAB	42.98	70.35	-43.8
LAB*TLCh	37.51	83.22	328.23

relative CIELAB lab*

lab*lab	0.4	1.038	-0.638
lab*ch	0.375	0.75	0.912
lab*nch	0.0	0.75	0.912
cmv3*	0.0	0.75	0.0
cmv4*	0.0	0.75	0.0

relative Natural Colour (NC)

lab*nrj	0.4	0.528	-0.532
lab*nrc	0.375	0.75	0.874
lab*nrc	0.0	0.75	0.894

relative Inform. Technology (IT)

ohv3*	0.75	0.75	0.75	(1.0)
cmv3*	0.25	0.25	0.25	(0.0)
ohv4*	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*LAB	71.57	0.0	0.0
LAB*TLCh	75.0	0.01	-

relative CIELAB lab*

lab*lab	0.75	0.0	0.0
lab*ch	0.75	0.0	0.0
lab*nch	0.0	0.75	0.0
cmv3*	0.0	0.0	0.0
cmv4*	0.0	0.0	0.0

relative Natural Colour (NC)

lab*nrj	0.75	0.0	0.0
lab*nrc	0.75	0.0	0.0
lab*nrc	0.0	0.75	0.0

relative Inform. Technology (IT)

ohv3*	0.75	0.5	0.75	(1.0)
cmv3*	0.25	0.5	0.25	(0.0)
ohv4*	1.0	0.75	1.0	(1.0)
cmv4*	0.0	0.25	0.0	(0.0)

standard and adapted CIELAB

LAB*LAB	62.03	23.59	-14.6
LAB*LAB	62.03	23.59	-14.6
LAB*TLCh	62.5	27.74	328.24

relative CIELAB lab*

lab*lab	0.625	0.25	0.625
lab*ch	0.625	0.25	0.912
lab*nch	0.0	0.25	0.912
cmv3*	0.0	0.25	0.0
cmv4*	0.0	0.25	0.0

relative Natural Colour (NC)

lab*nrj	0.625	0.25	0.625
lab*nrc	0.625	0.25	0.874
lab*nrc	0.0	0.25	0.894

relative Inform. Technology (IT)

ohv3*	0.75	0.0	0.75	(1.0)
cmv3*	0.25	0.0	0.0	(0.0)
ohv4*	1.0	0.0	1.0	(1.0)
cmv4*	0.0	0.0	0.0	(0.0)

standard and adapted CIELAB

LAB*LAB	52.51	47.18	-29.2
LAB*LAB	52.51	47.18	-29.2
LAB*TLCh	50.0	55.49	328.23

relative CIELAB lab*

lab*lab	0.5	0.425	-0.262
lab*ch	0.5	0.5	0.912
lab*nch	0.0	0.5	0.912
cmv3*	0.0	0.5	0.0
cmv4*	0.0	0.5	0.0

relative Natural Colour (NC)

lab*nrj	0.5	0.352	-0.354
lab*nrc	0.5	0.5	0.874
lab*nrc	0.0	0.5	0.894

relative Inform. Technology (IT)

ohv3*	0.5	0.5	0.5	(1.0)
cmv3*	0.5	0.5	0.5	(0.0)
ohv4*	1.0	1.0	1.0	(1.0)
cmv4*	0.0	0.0	0.0	(0.0)

standard and adapted CIELAB

LAB*LAB	42.98	70.35	-43.8
LAB*LAB	42.98	70.35	-43.8
LAB*TLCh	37.51	83.22	328.23

relative CIELAB lab*

lab*lab	0.5	0.0	0.0
lab*ch	0.5	0.0	0.0
lab*nch	0.0	0.5	0.0
cmv3*	0.5	0.0	0.0
cmv4*	0.5	0.0	0.0

relative Natural Colour (NC)

lab*nrj	0.5	0.0	0.0
lab*nrc	0.5	0.0	0.0
lab*nrc	0.0	0.5	0.0

relative Inform. Technology (IT)

ohv3*	0.25	0.25	0.25	(1.0)
cmv3*	0.25	0.25	0.25	(0.0)
ohv4*	1.0	0.5	1.0	(1.0)
cmv4*	0.0	0.25	0.0	(0.0)

standard and adapted CIELAB

LAB*LAB	38.75	23.59	-14.6
LAB*LAB	38.75	23.59	-14.6
LAB*TLCh	37.5	27.74	328.24

relative CIELAB lab*

lab*lab	0.625	0.0	0.0
lab*ch	0.625	0.0	0.0
lab*nch	0.0	0.625	0.0
cmv3*	0.0	0.0	0.0
cmv4*	0.0	0.0	0.0

relative Natural Colour (NC)

lab*nrj	0.625	0.0	0.0
lab*nrc	0.625	0.0	0.0
lab*nrc	0.0	0.625	0.0

relative Inform. Technology (IT)

ohv3*	0.75	0.0	0.75	(1.0)
cmv3*	0.25	0.0	0.0	(0.0)
ohv4*	1.0	0.25	1.0	(1.0)
cmv4*	0.0	0.0	0.0	(0.0)

standard and adapted CIELAB

LAB*LAB	38.75	23.59	-14.6
LAB*LAB	38.75	23.59	-14.6
LAB*TLCh	37.5	27.74	328.24

relative CIELAB lab*

lab*lab	0.5	0.0	0.0
lab*ch	0.5	0.0	0.0
lab*nch	0.0	0.5	0.0
cmv3*	0.5	0.0	0.0
cmv4*	0.5	0.0	0.0

relative Natural Colour (NC)

lab*nrj	0.5	0.0	0.0
lab*nrc	0.5	0.0	0.0
lab*nrc	0.0	0.5	0.0

relative Inform. Technology (IT)

ohv3*	0.5	0.5	0.5	(1.0)
cmv3*	0.5	0.5	0.5	(0.0)
ohv4*	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*LAB	47.72	0.0	0.0
LAB*TLCh	50.0	0.01	-

relative CIELAB lab*

lab*lab	0.5	0.0	0.0
lab*ch	0.5	0.0	0.0
lab*nch	0.0	0.5	0.0
cmv3*	0.0	0.0	0.0
cmv4*	0.0	0.0	0.0

relative Natural Colour (NC)

lab*nrj	0.5	0.0	0.0
lab*nrc	0.5	0.0	0.0
lab*nrc	0.0	0.5	0.0

relative Inform. Technology (IT)

ohv3*	0.5	0.25	0.5	(1.0)
cmv3*	0.25	0.25	0.25	(0.0)
ohv4*	1.0	0.5	1.0	(1.0)
cmv4*	0.0	0.25	0.0	(0.0)

standard and adapted CIELAB

LAB*LAB	42.98	23.59	-14.6
LAB*LAB	42.98	23.59	-14.6
LAB*TLCh	37.5	27.74	328.24

relative CIELAB lab*

lab*lab	0.5	0.125	0.5
lab*ch	0.5	0.125	0.912
lab*nch	0.0	0.125	0.912
cmv3*	0.0	0.125	0.0
cmv4*	0.0	0.125	0.0

relative Natural Colour (NC)

lab*nrj	0.5	0.125	0.5
lab*nrc	0.5	0.125	0.874
lab*nrc	0.0	0.125	0.894

relative Inform. Technology (IT)

ohv3*	0.75	0.0	0.75	(1.0)
cmv3*	0.25	0.0	0.0	(0.0)
ohv4*	1.0	0.0	1.0	(1.0)
cmv4*	0.0	0.0	0.0	(0.0)

standard and adapted CIELAB

LAB*LAB	32.51	47.18	-29.2
LAB*LAB	32.51	47.18	-29.2
LAB*TLCh	30.0	55.49	328.23

relative CIELAB lab*

lab*lab	0.75	0.0	0.0
lab*ch	0.75	0.0	0.0
lab*nch	0.0	0.75	0.0
cmv3*	0.0	0.0	0.0
cmv4*	0.0	0.0	0.0

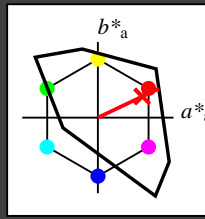
relative Natural Colour (NC)

lab*nrj	0.75	0.0	0.0
lab*nrc	0.75	0.0	0.0
lab*nrc	0.0	0.75</	

Input: Colorimetric Television Luminous System TLS00

for hue $h^* = lab^*h = 25/360 = 0.071$
 lab^*ch and lab^*nch

D65: hue R
 LCH*Ma: 52 89 25
 olv*Ma: 1.0 0.0 0.21
 triangle lightness t^*



%Gamut
 $u^*_{rel} = 158$

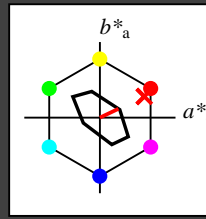
TLS00; adapted (a) CIELAB data

	$L^* = L^*_a$	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

Output: Colorimetric Television Luminous System TLS70

for hue $h^* = lab^*h = 25/360 = 0.071$
 lab^*ch and lab^*nch

D65: hue R
 LCH*Ma: 77 27 25
 olv*Ma: 1.0 0.05 0.0
 triangle lightness t^*



%Gamut
 $u^*_{rel} = 16$

TLS70; adapted (a) CIELAB data

	$L^* = L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	76.43	26.27	10.57	28.32	22
Y _{Ma}	93.93	-10.76	34.63	36.27	107
L _{Ma}	89.32	-35.8	27.64	45.24	142
C _{Ma}	90.93	-21.95	-7.07	23.07	198
V _{Ma}	72.1	15.76	-35.63	38.97	294
M _{Ma}	78.5	37.52	-25.23	45.22	326
N _{Ma}	69.7	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

relative Inform. Technology (IT)

ohv3*	1.0	1.0	1.0	1.0
ohv4*	0.0	0.0	0.0	0.0
ohv5*	1.0	1.0	1.0	1.0
ohv6*	0.0	0.0	0.0	0.0
ohv7*	1.0	1.0	1.0	1.0
ohv8*	0.0	0.0	0.0	0.0
ohv9*	1.0	1.0	1.0	1.0
ohv10*	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	95.41	0.0	0.0
LAB*LABc	95.41	0.0	0.0
LAB*LABd	95.41	0.0	0.0
LAB*LABe	95.41	0.0	0.0

relative CIELAB lab*

lab*lab	1.0	0.0	0.0
lab*labch	1.0	0.0	0.0
lab*nch	0.0	1.0	0.0
lab*labnch	0.0	0.0	1.0

%Regularity

$g^*_{H,rel} = 20$
 $g^*_{C,rel} = 37$

relative Inform. Technology (IT)

ohv3*	1.0	1.0	1.0	1.0
ohv4*	0.0	0.0	0.0	0.0
ohv5*	1.0	1.0	1.0	1.0
ohv6*	0.0	0.0	0.0	0.0
ohv7*	1.0	1.0	1.0	1.0
ohv8*	0.0	0.0	0.0	0.0
ohv9*	1.0	1.0	1.0	1.0
ohv10*	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	95.41	0.0	0.0
LAB*LABc	95.41	0.0	0.0
LAB*LABd	95.41	0.0	0.0
LAB*LABe	95.41	0.0	0.0

relative CIELAB lab*

lab*lab	1.0	0.0	0.0
lab*labch	1.0	0.0	0.0
lab*nch	0.0	1.0	0.0
lab*labnch	0.0	0.0	1.0

%Regularity

$g^*_{H,rel} = 34$
 $g^*_{C,rel} = 51$

relative Inform. Technology (IT)

ohv3*	1.0	0.75	0.803	1.0
ohv4*	0.0	0.25	0.197	0.0
ohv5*	1.0	0.75	0.803	1.0
ohv6*	0.0	0.25	0.197	0.0
ohv7*	1.0	0.75	0.803	1.0
ohv8*	0.0	0.25	0.197	0.0
ohv9*	1.0	0.75	0.803	1.0
ohv10*	0.0	0.25	0.197	0.0

standard and adapted CIELAB

LAB*LAB	95.41	0.0	0.0
LAB*LABa	95.41	0.0	0.0
LAB*LABb	95.41	0.0	0.0
LAB*LABc	95.41	0.0	0.0
LAB*LABd	95.41	0.0	0.0
LAB*LABe	95.41	0.0	0.0

relative CIELAB lab*

lab*lab	1.0	0.0	0.0
lab*labch	1.0	0.0	0.0
lab*nch	0.0	1.0	0.0
lab*labnch	0.0	0.0	1.0

%Regularity

$g^*_{H,rel} = 20$
 $g^*_{C,rel} = 37$

relative Inform. Technology (IT)

ohv3*	1.0	0.75	0.75	1.0
ohv4*	0.0	0.25	0.25	0.0
ohv5*	1.0	0.75	0.75	1.0
ohv6*	0.0	0.25	0.25	0.0
ohv7*	1.0	0.75	0.75	1.0
ohv8*	0.0	0.25	0.25	0.0
ohv9*	1.0	0.75	0.75	1.0
ohv10*	0.0	0.25	0.25	0.0

standard and adapted CIELAB

LAB*LAB	95.41	0.0	0.0
LAB*LABa	95.41	0.0	0.0
LAB*LABb	95.41	0.0	0.0
LAB*LABc	95.41	0.0	0.0
LAB*LABd	95.41	0.0	0.0
LAB*LABe	95.41	0.0	0.0

relative CIELAB lab*

lab*lab	1.0	0.0	0.0
lab*labch	1.0	0.0	0.0
lab*nch	0.0	1.0	0.0
lab*labnch	0.0	0.0	1.0

%Regularity

$g^*_{H,rel} = 34$
 $g^*_{C,rel} = 51$

relative Inform. Technology (IT)

ohv3*	0.75	0.75	0.75	1.0
ohv4*	0.25	0.25	0.25	0.0
ohv5*	1.0	0.75	0.75	1.0
ohv6*	0.0	0.25	0.25	0.0
ohv7*	1.0	0.75	0.75	1.0
ohv8*	0.0	0.25	0.25	0.0
ohv9*	1.0	0.75	0.75	1.0
ohv10*	0.0	0.25	0.25	0.0

standard and adapted CIELAB

LAB*LAB	95.41	0.0	0.0
LAB*LABa	95.41	0.0	0.0
LAB*LABb	95.41	0.0	0.0
LAB*LABc	95.41	0.0	0.0
LAB*LABd	95.41	0.0	0.0
LAB*LABe	95.41	0.0	0.0

relative CIELAB lab*

lab*lab	1.0	0.0	0.0
lab*labch	1.0	0.0	0.0
lab*nch	0.0	1.0	0.0
lab*labnch	0.0	0.0	1.0

%Regularity

$g^*_{H,rel} = 20$
 $g^*_{C,rel} = 37$

relative Inform. Technology (IT)

ohv3*	0.75	0.75	0.75	1.0
ohv4*	0.25	0.25	0.25	0.0
ohv5*	1.0	0.75	0.75	1.0
ohv6*	0.0	0.25	0.25	0.0
ohv7*	1.0	0.75	0.75	1.0
ohv8*	0.0	0.25	0.25	0.0
ohv9*	1.0	0.75	0.75	1.0
ohv10*	0.0	0.25	0.25	0.0

standard and adapted CIELAB

LAB*LAB	95.41	0.0	0.0
LAB*LABa	95.41	0.0	0.0
LAB*LABb	95.41	0.0	0.0
LAB*LABc	95.41	0.0	0.0
LAB*LABd	95.41	0.0	0.0
LAB*LABe	95.41	0.0	0.0

relative CIELAB lab*

lab*lab	1.0	0.0	0.0
lab*labch	1.0	0.0	0.0
lab*nch	0.0	1.0	0.0
lab*labnch	0.0	0.0	1.0

%Regularity

$g^*_{H,rel} = 34$
 $g^*_{C,rel} = 51$

relative Inform. Technology (IT)

ohv3*	0.75	0.5	0.5	1.0
ohv4*	0.25	0.5	0.5	0.0
ohv5*	1.0	0.75	0.75	1.0
ohv6*	0.0	0.25	0.25	0.0
ohv7*	1.0	0.75	0.75	1.0
ohv8*	0.0	0.25	0.25	0.0
ohv9*	1.0	0.75	0.75	1.0
ohv10*	0.0	0.25	0.25	0.0

standard and adapted CIELAB

LAB*LAB	95.41	0.0	0.0
LAB*LABa	95.41	0.0	0.0
LAB*LABb	95.41	0.0	0.0
LAB*LABc	95.41	0.0	0.0
LAB*LABd	95.41	0.0	0.0
LAB*LABe	95.41	0.0	0.0

relative CIELAB lab*

lab*lab	1.0	0.0	0.0
lab*labch	1.0	0.0	0.0
lab*nch	0.0	1.0	0.0
lab*labnch	0.0	0.0	1.0

%Regularity

$g^*_{H,rel} = 20$
 $g^*_{C,rel} = 37$

relative Inform. Technology (IT)

ohv3*	0.75	0.5	0.5	1.0
ohv4*	0.25	0.5	0.5	0.0
ohv5*	1.0	0.75	0.75	1.0
ohv6*	0.0	0.25	0.25	0.0
ohv7*	1.0	0.75	0.75	1.0
ohv8*	0.0	0.25	0.25	0.0
ohv9*	1.0	0.75	0.75	1.0
ohv10*	0.0	0.25	0.25	0.0

standard and adapted CIELAB

LAB*LAB	95.41	0.0	0.0
LAB*LABa	95.41	0.0	0.0
LAB*LABb	95.41	0.0	0.0
LAB*LABc	95.41	0.0	0.0
LAB*LABd	95.41	0.0	0.0
LAB*LABe	95.41	0.0	0.0

relative CIELAB lab*

lab*lab	1.0	0.0	0.0
lab*labch	1.0	0.0	0.0
lab*nch	0.0	1.0	0.0
lab*labnch	0.0	0.0	1.0

%Regularity

$g^*_{H,rel} = 34$
 $g^*_{C,rel} = 51$

relative Inform. Technology (IT)

ohv3*	0.75	0.25	0.25	1.0
ohv4*	0.25	0.25	0.25	0.0
ohv5*	1.0	0.75	0.75	1.0
ohv6*	0.0	0.25	0.25	0.0
ohv7*	1.0	0.75	0.75	1.0
ohv8*	0.0	0.25	0.25	0.0
ohv9*	1.0	0.75	0.75	1.0
ohv10*	0.0	0.25	0.25	0.0

standard and adapted CIELAB

LAB*LAB	95.41	0.0	0.0
LAB*LABa	95.41	0.0	0.0
LAB*LABb	95.41	0.0	0.0
LAB*LABc	95.41	0.0	0.0
LAB*LABd	95.41	0.0	0.0
LAB*LABe	95.41	0.0	0.0

relative CIELAB lab*

lab*lab	1.0	0.0	0.0
lab*labch	1.0	0.0	0.0
lab*nch	0.0	1.0	0.0
lab*labnch	0.0	0.0	1.0

%Regularity

$g^*_{H,rel} = 20$
 $g^*_{C,rel} = 37$

relative Inform. Technology (IT)

ohv3*	0.75	0.25	0.25	1.0
ohv4*	0.25	0.25	0.25	0.0
ohv5*	1.0	0.75	0.75	1.0
ohv6*	0.0	0.25	0.25	0.0
ohv7*	1.0	0.75	0.75	1.0
ohv8*	0.0	0.25	0.25	0.0
ohv9*	1.0	0.75	0.75	1.0
ohv10*	0.0	0.25	0.25	0.0

standard and adapted CIELAB

Input: Colorimetric Television Luminous System TLS00

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

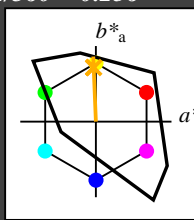
lab^*ch and lab^*nch

D65: hue J

LCH*Ma: 85 86 92

olv*Ma: 1.0 0.82 0.0

triangle lightness t^*



%Gamut

$u^*_{rel} = 158$

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
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

%Regularity

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

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

Output: Colorimetric Television Luminous System TLS70

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

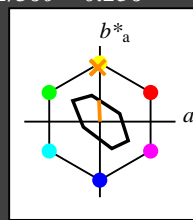
lab^*ch and lab^*nch

D65: hue J

LCH*Ma: 89 28 92

olv*Ma: 1.0 0.74 0.0

triangle lightness t^*



%Gamut

$u^*_{rel} = 16$

TLS70; adapted (a) CIELAB data

	$L^* = L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	76.43	26.27	10.57	28.32	22
Y _{Ma}	93.93	-10.76	34.63	36.27	107
L _{Ma}	89.32	-35.8	27.64	45.24	142
C _{Ma}	90.93	-21.95	-7.07	23.07	198
V _{Ma}	72.1	15.76	-35.63	38.97	294
M _{Ma}	78.5	37.52	-25.23	45.22	326
N _{Ma}	69.7	0.0	0.0	0.0	0
W _{Ma}	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

%Regularity

$g^*_{H,rel} = 34$

$g^*_{C,rel} = 51$

relative Inform. Technology (IT)

ohv3*	1.0	1.0	1.0	(1.0)
cmv3*	0.0	0.0	0.0	(0.0)
ohv4*	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*TCHa	99.99	0.01	-

relative Inform. Technology (IT)

ohv3*	1.0	0.956	0.75	(1.0)
cmv3*	0.0	0.044	0.25	(0.0)
ohv4*	1.0	0.956	0.75	(1.0)
cmv4*	0.0	0.044	0.25	(0.0)

standard and adapted CIELAB

LAB*LAB	92.86	-0.87	21.53
LAB*LABa	92.86	-0.87	21.53
LAB*TCHa	87.5	21.54	92.33

relative Inform. Technology (IT)

ohv3*	1.0	0.912	0.5	(1.0)
cmv3*	0.0	0.088	0.5	(0.0)
ohv4*	1.0	0.912	0.5	(1.0)
cmv4*	0.0	0.088	0.5	(0.0)

standard and adapted CIELAB

LAB*LAB	90.31	-1.74	43.06
LAB*LABa	90.31	-1.74	43.06
LAB*TCHa	75.0	43.09	92.32

relative Inform. Technology (IT)

ohv3*	1.0	0.868	0.25	(1.0)
cmv3*	0.0	0.132	0.75	(0.0)
ohv4*	1.0	0.868	0.25	(1.0)
cmv4*	0.0	0.132	0.75	(0.0)

standard and adapted CIELAB

LAB*LAB	87.76	-2.61	64.59
LAB*LABa	87.76	-2.61	64.59
LAB*TCHa	62.5	64.64	92.32

relative Inform. Technology (IT)

ohv3*	1.0	0.824	0.0	(1.0)
cmv3*	0.0	0.176	1.0	(0.0)
ohv4*	1.0	0.824	0.0	(1.0)
cmv4*	0.0	0.176	1.0	(0.0)

standard and adapted CIELAB

LAB*LAB	85.22	-3.47	86.11
LAB*LABa	85.22	-3.47	86.11
LAB*TCHa	50.0	86.18	92.32

relative Inform. Technology (IT)

ohv3*	1.0	1.0	1.0	(1.0)
cmv3*	0.0	0.065	0.25	(0.0)
ohv4*	1.0	1.0	1.0	(1.0)
cmv4*	0.0	0.065	0.25	(0.0)

standard and adapted CIELAB

LAB*LAB	95.41	0.0	0.0
LAB*LABa	95.41	0.0	0.0
LAB*TCHa	99.99	0.01	-

relative Inform. Technology (IT)

ohv3*	1.0	0.935	0.75	(1.0)
cmv3*	0.0	0.065	0.25	(0.0)
ohv4*	1.0	0.935	0.75	(1.0)
cmv4*	0.0	0.065	0.25	(0.0)

standard and adapted CIELAB

LAB*LAB	93.9	-0.28	7.09
LAB*LABa	93.9	-0.28	7.09
LAB*TCHa	87.5	7.1	92.33

relative Inform. Technology (IT)

ohv3*	1.0	0.883	-0.009	0.25	(1.0)
cmv3*	0.0	0.875	0.25	0.256	(0.0)
ohv4*	1.0	0.883	-0.009	0.25	(1.0)
cmv4*	0.0	0.875	0.25	0.256	(0.0)

standard and adapted CIELAB

LAB*LAB	92.4	-0.57	14.19
LAB*LABa	92.4	-0.57	14.19
LAB*TCHa	75.0	14.2	92.32

relative Inform. Technology (IT)

ohv3*	1.0	0.875	0.5	(1.0)
cmv3*	0.0	0.13	0.5	(0.0)
ohv4*	1.0	0.875	0.5	(1.0)
cmv4*	0.0	0.13	0.5	(0.0)

standard and adapted CIELAB

LAB*LAB	92.4	-0.57	14.19
LAB*LABa	92.4	-0.57	14.19
LAB*TCHa	62.5	21.3	92.32

relative Inform. Technology (IT)

ohv3*	0.75	0.75	0.75	(1.0)
cmv3*	0.0	0.25	0.25	(0.0)
ohv4*	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*TCHa	75.0	0.01	-

relative Inform. Technology (IT)

ohv3*	0.75	0.706	0.5	(1.0)
cmv3*	0.0	0.294	0.75	(0.0)
ohv4*	1.0	0.956	0.75	(1.0)
cmv4*	0.0	0.044	0.25	(0.0)

standard and adapted CIELAB

LAB*LAB	69.01	-0.86	21.53
LAB*LABa	69.01	-0.86	21.53
LAB*TCHa	62.5	21.55	92.31

relative Inform. Technology (IT)

ohv3*	0.947	-0.019	0.499	(1.0)
cmv3*	0.0	0.75	0.5	(0.0)
ohv4*	1.0	0.956	0.75	(1.0)
cmv4*	0.0	0.044	0.25	(0.0)

standard and adapted CIELAB

LAB*LAB	90.31	-1.74	43.06
LAB*LABa	90.31	-1.74	43.06
LAB*TCHa	75.0	43.09	92.32

relative Inform. Technology (IT)

ohv3*	0.75	0.662	0.25	(1.0)
cmv3*	0.0	0.338	0.75	(0.0)
ohv4*	1.0	0.956	0.75	(1.0)
cmv4*	0.0	0.088	0.5	(0.0)

standard and adapted CIELAB

LAB*LAB	87.76	-2.61	64.59
LAB*LABa	87.76	-2.61	64.59
LAB*TCHa	62.5	64.64	92.32

relative Inform. Technology (IT)

ohv3*	0.92	-0.029	0.749	(1.0)
cmv3*	0.0	0.75	0.5	(0.0)
ohv4*	1.0	0.868	0.25	(1.0)
cmv4*	0.0	0.132	0.75	(0.0)

standard and adapted CIELAB

LAB*LAB	85.22	-3.47	86.11
LAB*LABa	85.22	-3.47	86.11
LAB*TCHa	50.0	86.18	92.32

relative Inform. Technology (IT)

ohv3*	0.5	0.5	0.5	(0.0)
cmv3*	1.0	1.0	1.0	(1.0)
ohv4*	1.0	1.0	1.0	(1.0)
cmv4*	0.0	0.0	0.0	(0.0)

standard and adapted CIELAB

LAB*LAB	85.22	-3.47	86.11
LAB*LABa	85.22	-3.47	86.11
LAB*TCHa	50.0	86.18	92.32

relative Inform. Technology (IT)

ohv3*	0.75	0.685	0.5	(1.0)
cmv3*	0.0	0.315	0.5	(0.0)
ohv4*	1.0	0.935	0.75	(1.0)
cmv4*	0.0	0.065	0.25	(0.0)

standard and adapted CIELAB

LAB*LAB	87.48	-0.28	7.09
LAB*LABa	87.48	-0.28	7.09
LAB*TCHa	62.5	7.1	92.31

relative Inform. Technology (IT)

ohv3*	0.75	0.662	0.25	(1.0)
cmv3*	0.0	0.338	0.75	(0.0)
ohv4*	1.0	0.875	0.5	(1.0)
cmv4*	0.0	0.13	0.5	(0.0)

standard and adapted CIELAB

LAB*LAB	85.97	-0.56	14.19
LAB*LABa	85.97	-0.56	14.19
LAB*TCHa	50.0	14.2	92.31

relative Inform. Technology (IT)

ohv3*	0.75	0.555	0.0	(1.0)
cmv3*	0.25	0.38	0.75	(0.0)
ohv4*	1.0	0.875	0.5	(1.0)
cmv4*	0.0	0.195	0.75	(0.0)

standard and adapted CIELAB

LAB*LAB	90.89	-0.85	21.28
LAB*LABa	90.89	-0.85	21.28
LAB*TCHa	62.5	21.3	92.32

relative Inform. Technology (IT)

ohv3*	1.0	0.74	0.0	(1.0)
cmv3*	0.0	0.26	1.0	(0.0)
ohv4*	1.0	0.74	0.0	(1.0)
cmv4*	0.0	0.26	1.0	(0.0)

standard and adapted CIELAB

LAB*LAB	89.38	-1.14	28.37
LAB*LABa	89.38	-1.14	28.37
LAB*TCHa	50.0	28.4	92.32

relative Inform. Technology (IT)

ohv3*	0.25	0.25	0.25	(1.0)
cmv3*	0.5	0.5	0.5	(0.0)
ohv4*	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*TCHa	50.0	0.01	-

relative Inform. Technology (IT)

ohv3*	0.473	-0.009	0.25	(1.0)
cmv3*	0.0	0.544	0.75	(0.0)
ohv4*	1.0	0.956	0.75	(1.0)
cmv4*	0.0	0.044	0.25	(0.0)

standard and adapted CIELAB

LAB*LAB	45.16	-0.86	21.53
LAB*LABa	45.16	-0.86	21.53
LAB*TCHa	37.5	21.55	92.31

relative Inform. Technology (IT)

ohv3*	0.5	0.412	0.0	(1.0)
cmv3*	0.25	0.382	1.0	(0.0)
ohv4*	1.0	0.912	0.5	(1.0)
cmv4*	0.0	0.176	1.0	(0.0)

standard and adapted CIELAB

LAB*LAB	85.22	-3.47	86.11
LAB*LABa	85.22	-3.47	86.11
LAB*TCHa	50.0	86.18	92.32

relative Inform. Technology (IT)

ohv3*	0.75	0.618	0.0	(1.0)
cmv3*	0.25	0.382	1.0	(0.0)
ohv4*	1.0	0.868	0.25	(1.0)
cmv4*	0.0	0.132	0.75	(0.0)

standard and adapted CIELAB

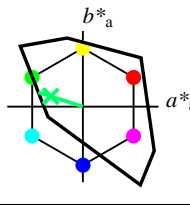
LAB*LAB	87.76	-2.61	64.59
LAB*LABa	87.76	-2.61	64.59
LAB*TCHa	37.5	64.64	92.31

relative Inform.

Input: Colorimetric Television Luminous System TLS00

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

D65: hue G
 LCH*Ma: 86 62 162
 olv*Ma: 0.0 1.0 0.65
 triangle lightness t^*



%Gamut

$u^*_{rel} = 158$

TLS00; adapted (a) CIELAB data

	$L^* = L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
OMa	50.5	76.92	64.55	100.42	40
YMa	92.66	-20.69	90.75	93.08	103
LMa	83.63	-82.75	79.9	115.04	136
CMa	86.88	-46.16	-13.55	48.12	196
VMa	30.39	76.06	-103.59	128.52	306
MMa	57.3	94.35	-58.41	110.97	328
NMa	0.01	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

%Regularity

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

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

relative Inform. Technology (IT)

ohv ^{3*}	1.0	1.0	1.0	(1.0)
cmv ^{3*}	0.0	0.0	0.0	(0.0)
olv ^{4*}	1.0	1.0	1.0	(1.0)
cmv ^{4*}	0.0	0.0	0.0	(0.0)
standard and adapted CIELAB				
LAB*LAB	95.41	0.0	0.0	0.0
LAB*LABa	95.41	0.0	0.0	0.0
LAB*TLCha	99.99	0.01	0.0	0.0

relative Inform. Technology (IT)

ohv ^{3*}	0.75	1.0	0.913	(1.0)
cmv ^{3*}	0.25	0.0	0.087	(0.0)
olv ^{4*}	0.75	1.0	0.913	(1.0)
cmv ^{4*}	0.25	0.0	0.087	(0.0)
standard and adapted CIELAB				
LAB*LAB	92.99	-14.7	4.71	0.0
LAB*LABa	92.99	-14.7	4.71	0.0
LAB*TLCha	87.5	15.44	62.24	0.0

relative Inform. Technology (IT)

ohv ^{3*}	0.5	1.0	0.826	(1.0)
cmv ^{3*}	0.5	0.0	0.174	(0.0)
olv ^{4*}	0.5	1.0	0.826	(1.0)
cmv ^{4*}	0.5	0.0	0.174	(0.0)
standard and adapted CIELAB				
LAB*LAB	90.57	-29.42	9.43	0.0
LAB*LABa	90.57	-29.42	9.43	0.0
LAB*TLCha	75.0	30.9	162.23	0.0

relative Inform. Technology (IT)

ohv ^{3*}	0.25	1.0	0.658	(1.0)
cmv ^{3*}	0.75	0.0	0.342	(0.0)
olv ^{4*}	0.25	1.0	0.658	(1.0)
cmv ^{4*}	0.75	0.0	0.342	(0.0)
standard and adapted CIELAB				
LAB*LAB	88.16	-44.13	14.15	0.0
LAB*LABa	88.16	-44.13	14.15	0.0
LAB*TLCha	62.5	46.35	162.23	0.0

relative Inform. Technology (IT)

ohv ^{3*}	0.0	1.0	0.538	(1.0)
cmv ^{3*}	1.0	0.0	0.462	(0.0)
olv ^{4*}	0.0	1.0	0.538	(1.0)
cmv ^{4*}	1.0	0.0	0.462	(0.0)
standard and adapted CIELAB				
LAB*LAB	85.74	-58.84	18.87	0.0
LAB*LABa	85.74	-58.84	18.87	0.0
LAB*TLCha	50.0	61.8	162.23	0.0

relative Inform. Technology (IT)

ohv ^{3*}	0.5	0.5	0.5	(0.0)
cmv ^{3*}	0.5	0.5	0.5	(0.0)
olv ^{4*}	1.0	1.0	1.0	(1.0)
cmv ^{4*}	0.5	0.5	0.5	(0.0)
standard and adapted CIELAB				
LAB*LAB	82.56	0.0	0.0	0.0
LAB*LABa	82.56	0.0	0.0	0.0
LAB*TLCha	50.0	0.0	0.0	0.0

relative Inform. Technology (IT)

ohv ^{3*}	0.75	0.75	0.75	(1.0)
cmv ^{3*}	0.25	0.25	0.25	(0.0)
olv ^{4*}	1.0	1.0	1.0	(1.0)
cmv ^{4*}	0.0	0.0	0.0	(0.0)
standard and adapted CIELAB				
LAB*LAB	71.57	0.0	0.0	0.0
LAB*LABa	71.57	0.0	0.0	0.0
LAB*TLCha	75.0	0.01	0.0	0.0

relative Inform. Technology (IT)

ohv ^{3*}	0.75	1.0	0.75	(1.0)
cmv ^{3*}	0.25	0.0	0.25	(0.0)
olv ^{4*}	0.75	1.0	0.75	(1.0)
cmv ^{4*}	0.25	0.0	0.25	(0.0)
standard and adapted CIELAB				
LAB*LAB	69.15	-14.71	4.72	0.0
LAB*LABa	69.15	-14.71	4.72	0.0
LAB*TLCha	62.5	15.45	162.22	0.0

relative Inform. Technology (IT)

ohv ^{3*}	0.5	0.75	0.576	(1.0)
cmv ^{3*}	0.75	0.25	0.424	(0.0)
olv ^{4*}	0.5	1.0	0.576	(1.0)
cmv ^{4*}	0.5	0.0	0.424	(0.0)
standard and adapted CIELAB				
LAB*LAB	66.73	-29.42	9.44	0.0
LAB*LABa	66.73	-29.42	9.44	0.0
LAB*TLCha	50.0	30.91	162.22	0.0

relative Inform. Technology (IT)

ohv ^{3*}	0.25	0.75	0.495	(1.0)
cmv ^{3*}	0.75	0.25	0.505	(0.0)
olv ^{4*}	0.25	1.0	0.495	(1.0)
cmv ^{4*}	0.75	0.0	0.505	(0.0)
standard and adapted CIELAB				
LAB*LAB	64.33	-44.14	14.16	0.0
LAB*LABa	64.33	-44.14	14.16	0.0
LAB*TLCha	37.51	46.36	162.22	0.0

relative Inform. Technology (IT)

ohv ^{3*}	0.0	0.75	0.495	(1.0)
cmv ^{3*}	1.0	0.25	0.51	(0.0)
olv ^{4*}	0.0	1.0	0.495	(1.0)
cmv ^{4*}	1.0	0.0	0.51	(0.0)
standard and adapted CIELAB				
LAB*LAB	58.74	-58.84	18.87	0.0
LAB*LABa	58.74	-58.84	18.87	0.0
LAB*TLCha	50.0	61.8	162.23	0.0

relative Inform. Technology (IT)

ohv ^{3*}	0.25	0.25	0.25	(1.0)
cmv ^{3*}	0.75	0.75	0.75	(0.0)
olv ^{4*}	1.0	1.0	1.0	(1.0)
cmv ^{4*}	0.0	0.0	0.0	(0.0)
standard and adapted CIELAB				
LAB*LAB	79.34	0.0	0.0	0.0
LAB*LABa	79.34	0.0	0.0	0.0
LAB*TLCha	75.0	0.0	0.0	0.0

relative Inform. Technology (IT)

ohv ^{3*}	0.25	0.25	0.25	(1.0)
cmv ^{3*}	0.75	0.75	0.75	(0.0)
olv ^{4*}	1.0	1.0	1.0	(1.0)
cmv ^{4*}	0.0	0.0	0.0	(0.0)
standard and adapted CIELAB				
LAB*LAB	42.88	-29.42	9.44	0.0
LAB*LABa	42.88	-29.42	9.44	0.0
LAB*TLCha	25.0	0.01	0.0	0.0

relative Inform. Technology (IT)

ohv ^{3*}	0.25	1.0	0.25	(1.0)
cmv ^{3*}	0.75	0.0	0.25	(0.0)
olv ^{4*}	0.25	1.0	0.25	(1.0)
cmv ^{4*}	0.75	0.0	0.25	(0.0)
standard and adapted CIELAB				
LAB*LAB	45.5	-14.71	4.72	0.0
LAB*LABa	45.5	-14.71	4.72	0.0
LAB*TLCha	37.5	15.45	162.22	0.0

relative Inform. Technology (IT)

ohv ^{3*}	0.0	0.75	0.495	(1.0)
cmv ^{3*}	1.0	0.25	0.51	(0.0)
olv ^{4*}	0.0	1.0	0.495	(1.0)
cmv ^{4*}	1.0	0.0	0.51	(0.0)
standard and adapted CIELAB				
LAB*LAB	42.88	-29.42	9.44	0.0
LAB*LABa	42.88	-29.42	9.44	0.0
LAB*TLCha	25.0	0.01	162.22	0.0

relative Inform. Technology (IT)

ohv ^{3*}	0.0	0.75	0.495	(1.0)
cmv ^{3*}	1.0	0.25	0.51	(0.0)
olv ^{4*}	0.0	1.0	0.495	(1.0)
cmv ^{4*}	1.0	0.0	0.51	(0.0)
standard and adapted CIELAB				
LAB*LAB	42.88	-29.42	9.44	0.0
LAB*LABa	42.88	-29.42	9.44	0.0
LAB*TLCha	25.0	0.01	162.22	0.0

relative Inform. Technology (IT)

ohv ^{3*}	0.0	0.75	0.495	(1.0)
cmv ^{3*}	1.0	0.25	0.51	(0.0)
olv ^{4*}	0.0	1.0	0.495	(1.0)
cmv ^{4*}	1.0	0.0	0.51	(0.0)
standard and adapted CIELAB				
LAB*LAB	42.88	-29.42	9.44	0.0
LAB*LABa	42.88	-29.42	9.44	0.0
LAB*TLCha	25.0	0.01	162.22	0.0

relative Inform. Technology (IT)

ohv ^{3*}	0.0	0.25	0.25	(1.0)
cmv ^{3*}	0.75	0.75	0.75	(0.0)
olv ^{4*}	1.0	1.0	1.0	(1.0)
cmv ^{4*}	0.0	0.0	0.0	(0.0)
standard and adapted CIELAB				
LAB*LAB	95.41	0.0	0.0	0.0
LAB*LABa	95.41	0.0	0.0	0.0
LAB*TLCha	99.99	0.01	0.0	0.0

relative Inform. Technology (IT)

ohv ^{3*}	0.0	0.0	0.0	(1.0)
cmv ^{3*}	1.0	1.0	1.0	(0.0)
olv ^{4*}	1.0	1.0	1.0	(1.0)
cmv ^{4*}	0.0	0.0	0.0	(0.0)
standard and adapted CIELAB				
LAB*LAB	0.03	0.03	0.0	0.0
LAB*LABa	0.03	0.03	0.0	0.0
LAB*TLCha	0.01	0.0	0.0	0.0

relative Inform. Technology (IT)

ohv ^{3*}	0.0	1.0	0.0	(1.0)
cmv ^{3*}	0.25	0.25	0.25	(0.0)
olv ^{4*}	0.0	1.0	0.0	(1.0)
cmv ^{4*}	0.75	0.75	0.75	(0.0)
standard and adapted CIELAB				
LAB*LAB	0.225	-0.237	0.076	0.0
LAB*LABa	0.225	-0.237	0.076	0.0
LAB*TLCha	12.5	15.45	162.21	0.0

relative Inform. Technology (IT)

ohv ^{3*}	0.0	0.75	0.495	(1.0)
cmv ^{3*}	1.0	0.25	0.51	(0.0)
olv ^{4*}	0.0	1.0	0.495	(1.0)
cmv ^{4*}	1.0	0.0	0.51	(0.0)
standard and adapted CIELAB				
LAB*LAB	42.88	-29.42	9.44	0.0
LAB*LABa	42.88	-29.42	9.44	0.0
LAB*TLCha	25.0	0.01	162.22	0.0

relative Inform. Technology (IT)

ohv ^{3*}	0.0	0.25	0.25	(1.0)
cmv ^{3*}	0.75	0.75	0.75	(0.0)
olv ^{4*}	1.0	1.0	1.0	(1.0)
cmv ^{4*}	0.0	0.0	0.0	(0.0)
standard and adapted CIELAB				
LAB*LAB	95.41	0.0	0.0	0.0
LAB*LABa	95.41	0.0	0.0	0.0
LAB*TLCha	99.99	0.01	0.0	0.0

relative Inform. Technology (IT)

ohv ^{3*}	0.0	0.25	0.25	(1.0)
cmv ^{3*}	0.75	0.75	0.75	(0.0)
olv ^{4*}	1.0	1.0	1.0	(1.0)
cmv ^{4*}	0.0	0.0	0.0	(0.0)
standard and adapted CIELAB				
LAB*LAB	95.41	0.0	0.0	0.0
LAB*LABa	95.41	0.0	0.0	0.0
LAB*TLCha	99.99	0.01	0.0	0.0

relative Inform. Technology (IT)

ohv ^{3*}	0.0	0.0	0.0	(1.0)
cmv ^{3*}	1.0	1.0	1.0	(0.0)
olv ^{4*}	1.0	1.0	1.0	(1.0)
cmv ^{4*}	0.0	0.0	0.0	(0.0)
standard and adapted CIELAB				
LAB*LAB	0.0	0.0	0.0	0.0
LAB*LABa	0.0	0.0	0.0	0.0
LAB*TLCha	0.0	0.0	0.0	0.0

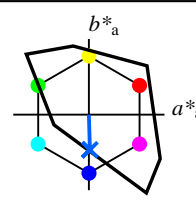
relative Inform. Technology (IT)

ohv ^{3*}	0.0	0.75	0.495	(1.0)
cmv ^{3*}	1.0	0.25	0.51	(0.0)
olv ^{4*}	0.0	1.0	0.495	(1.0)
cmv ^{4*}	1.0	0.0	0.51	(0.0)
standard and adapted CIELAB				
LAB*LAB	42.88	-29.42	9.44	0.0

Input: Colorimetric Television Luminous System TLS00

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

D65: hue B
LCH*Ma: 65 49 272
olv*Ma: 0.0 0.61 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
RC _{IE}	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)

ohv3*	1.0	1.0	1.0	(1.0)
cmv3*	0.0	0.0	0.0	(0.0)
olv3*	1.0	1.0	1.0	(1.0)
cmv3*	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	0.0

relative CIELAB lab*

lab*lab	1.0	0.0	0.0
lab*ch	1.0	0.0	0.0
lab*nch	0.0	0.0	0.0

relative Natural Colour (NC)

lab*lj	1.0	0.0	0.0
lab*lc	1.0	0.0	0.0
lab*nc	0.0	0.0	0.0

relative Inform. Technology (IT)

ohv3*	0.75	0.75	0.75	(1.0)
cmv3*	0.25	0.25	0.25	(0.0)
olv3*	1.0	1.0	1.0	(0.75)
cmv3*	0.0	0.0	0.0	(0.25)

standard and adapted CIELAB

LAB*LAB	71.57	0.0	0.0
LAB*Lab	71.57	0.0	0.0
LAB*TC _{Ha}	75.00	0.01	-

relative CIELAB lab*

lab*lab	0.75	0.0	0.0
lab*ch	0.75	0.0	0.0
lab*nch	0.0	0.0	0.0

relative Natural Colour (NC)

lab*lj	0.75	0.0	0.0
lab*lc	0.75	0.0	0.0
lab*nc	0.0	0.0	0.0

relative Inform. Technology (IT)

ohv3*	0.5	0.5	0.5	(0.0)
cmv3*	0.5	0.5	0.5	(0.0)
olv3*	1.0	1.0	1.0	(0.5)
cmv3*	0.0	0.0	0.0	(0.5)

standard and adapted CIELAB

LAB*LAB	47.72	0.0	0.0
LAB*Lab	47.72	0.0	0.0
LAB*TC _{Ha}	50.00	0.01	-

relative CIELAB lab*

lab*lab	0.5	0.0	0.0
lab*ch	0.5	0.0	0.0
lab*nch	0.0	0.0	0.0

relative Natural Colour (NC)

lab*lj	0.5	0.0	0.0
lab*lc	0.5	0.0	0.0
lab*nc	0.0	0.0	0.0

relative Inform. Technology (IT)

ohv3*	0.25	0.25	0.25	(1.0)
cmv3*	0.75	0.75	0.75	(0.0)
olv3*	1.0	1.0	1.0	(0.25)
cmv3*	0.0	0.0	0.0	(0.75)

standard and adapted CIELAB

LAB*LAB	23.87	0.0	0.0
LAB*Lab	23.87	0.0	0.0
LAB*TC _{Ha}	25.00	0.01	-

relative CIELAB lab*

lab*lab	0.25	0.0	0.0
lab*ch	0.25	0.0	0.0
lab*nch	0.0	0.0	0.0

relative Natural Colour (NC)

lab*lj	0.25	0.0	0.0
lab*lc	0.25	0.0	0.0
lab*nc	0.0	0.0	0.0

relative Inform. Technology (IT)

ohv3*	0.0	0.0	0.0	(1.0)
cmv3*	1.0	1.0	1.0	(0.0)
olv3*	1.0	1.0	1.0	(0.0)
cmv3*	0.0	0.0	0.0	(1.0)

standard and adapted CIELAB

LAB*LAB	0.03	0.0	0.0
LAB*Lab	0.03	0.0	0.0
LAB*TC _{Ha}	0.01	0.0	0.0

relative CIELAB lab*

lab*lab	0.0	0.0	0.0
lab*ch	0.0	0.0	0.0
lab*nch	1.0	0.0	0.0

relative Natural Colour (NC)

lab*lj	0.0	0.0	0.0
lab*lc	0.0	0.0	0.0
lab*nc	1.0	0.0	0.0

relative Inform. Technology (IT)

ohv3*	0.75	0.903	1.0	(1.0)
cmv3*	0.25	0.097	0.0	(0.0)
olv3*	0.75	0.903	1.0	(0.0)
cmv3*	0.25	0.097	0.0	(0.0)

standard and adapted CIELAB

LAB*LAB	87.77	0.36	-12.14
LAB*Lab	87.77	0.36	-12.14
LAB*TC _{Ha}	87.5	12.16	271.74

relative CIELAB lab*

lab*lab	0.92	0.008	-0.249
lab*ch	0.875	0.25	0.755
lab*nch	0.0	0.25	0.755

relative Natural Colour (NC)

lab*lj	0.92	0.0	-0.249
lab*lc	0.875	0.25	0.755
lab*nc	0.0	0.25	0.755

relative Inform. Technology (IT)

ohv3*	0.5	0.653	0.75	(1.0)
cmv3*	0.5	0.347	0.25	(0.0)
olv3*	0.75	0.903	1.0	(0.75)
cmv3*	0.25	0.097	0.0	(0.25)

standard and adapted CIELAB

LAB*LAB	63.92	0.37	-12.15
LAB*Lab	63.92	0.37	-12.15
LAB*TC _{Ha}	62.5	12.17	271.74

relative CIELAB lab*

lab*lab	0.693	0.015	-0.499
lab*ch	0.75	0.5	0.755
lab*nch	0.0	0.5	0.755

relative Natural Colour (NC)

lab*lj	0.693	0.0	-0.499
lab*lc	0.75	0.5	0.755
lab*nc	0.0	0.5	0.755

relative Inform. Technology (IT)

ohv3*	0.25	0.403	0.5	(1.0)
cmv3*	0.75	0.597	0.5	(0.0)
olv3*	0.75	0.903	1.0	(0.5)
cmv3*	0.25	0.097	0.0	(0.5)

standard and adapted CIELAB

LAB*LAB	40.07	0.37	-12.13
LAB*Lab	40.07	0.37	-12.13
LAB*TC _{Ha}	37.5	12.17	271.74

relative CIELAB lab*

lab*lab	0.42	0.008	-0.249
lab*ch	0.375	0.25	0.755
lab*nch	0.0	0.25	0.755

relative Natural Colour (NC)

lab*lj	0.42	0.0	-0.249
lab*lc	0.375	0.25	0.755
lab*nc	0.0	0.25	0.755

relative Inform. Technology (IT)

ohv3*	0.0	0.305	0.5	(1.0)
cmv3*	1.0	0.695	0.5	(0.0)
olv3*	0.5	0.801	1.0	(0.5)
cmv3*	0.5	0.195	0.5	(0.5)

standard and adapted CIELAB

LAB*LAB	32.44	0.74	-24.32
LAB*Lab	32.44	0.74	-24.32
LAB*TC _{Ha}	25.01	24.34	271.75

relative CIELAB lab*

lab*lab	0.34	0.015	-0.499
lab*ch	0.25	0.5	0.755
lab*nch	0.0	0.5	0.755

relative Natural Colour (NC)

lab*lj	0.34	0.0	-0.499
lab*lc	0.25	0.5	0.755
lab*nc	0.0	0.5	0.755

relative Inform. Technology (IT)

ohv3*	0.0	0.17	0.008	-0.249
cmv3*	1.0	0.847	0.75	(0.0)
olv3*	0.75	0.903	1.0	(0.17)
cmv3*	0.25	0.097	0.0	(0.75)

standard and adapted CIELAB

LAB*LAB	16.22	0.37	-12.15
LAB*Lab	16.22	0.37	-12.15
LAB*TC _{Ha}	12.5	12.17	271.76

relative CIELAB lab*

lab*lab	0.17	0.008	-0.249
lab*ch	0.125	0.25	0.755
lab*nch	0.0	0.25	0.755

relative Natural Colour (NC)

lab*lj	0.17	0.0	-0.249
lab*lc	0.125	0.25	0.755
lab*nc	0.0	0.25	0.755

relative Inform. Technology (IT)

ohv3*	0.5	0.805	1.0	(1.0)
cmv3*	0.5	0.195	0.0	(0.0)
olv3*	0.5	0.805	1.0	(1.0)
cmv3*	0.5	0.195	0.0	(0.0)

standard and adapted CIELAB

LAB*LAB	80.13	0.73	-24.31
LAB*Lab	80.13	0.73	-24.31
LAB*TC _{Ha}	75.0	24.33	271.72

relative CIELAB lab*

lab*lab	0.84	0.015	-0.499
lab*ch	0.75	0.5	0.755
lab*nch	0.0	0.5	0.755

relative Natural Colour (NC)

lab*lj	0.84	0.0	-0.499
lab*lc	0.75	0.5	0.755
lab*nc	0.0	0.5	0.755

relative Inform. Technology (IT)

ohv3*	0.25	0.708	1.0	(1.0)
cmv3*	0.75	0.292	0.0	(0.0)
olv3*	0.25	0.708	1.0	(1.0)
cmv3*	0.75	0.292	0.0	(0.0)

standard and adapted CIELAB

LAB*LAB	72.49	1.1	-36.47
LAB*Lab	72.49	1.1	-36.47
LAB*TC _{Ha}	50.0	48.67	271.74

relative CIELAB lab*

lab*lab	0.68	0.03	-0.998
lab*ch	0.625	0.75	0.755
lab*nch	0.0	0.75	0.755

relative Natural Colour (NC)

lab*lj	0.68	0.0	-0.999
lab*lc	0.625	0.75	0.755
lab*nc	0.0	0.75	0.755

relative Inform. Technology (IT)

ohv3*	0.0	0.458	0.75	(1.0)
cmv3*	1.0	0.542	0.25	(0.0)
olv3*	0.0	0.61	1.0	(0.5)
cmv3*	0.0	0.39	0.0	(0.5)

standard and adapted CIELAB

LAB*LAB	64.86	1.47	-48.64
LAB*Lab	64.86	1.47	-48.64
LAB*TC _{Ha}	50.0	48.67	271.74

relative CIELAB lab*

lab*lab	0.0	0.423	-0.749
lab*ch	0.5	1.0	0.755
lab*nch	0.0	1.0	0.755

relative Natural Colour (NC)

lab*lj	0.0	0.423	-0.749
lab*lc	0.5	1.0	0.755
lab*nc	0.0	1.0	0.755

relative Inform. Technology (IT)

ohv3*	0.0	0.25	0.0	(1.0)
cmv3*	1.0	0.75	0.75	(0.0)
olv3*	0.0	0.25	0.0	(1.0)
cmv3*	1.0	0.75	0.75	(0.0)

standard and adapted CIELAB

LAB*LAB	48.65	1.11	-36.48
LAB*Lab	48.65	1.11	-36.48
LAB*TC _{Ha}	37.51	36.51	271.75

relative CIELAB lab*

lab*lab	0.51	0.023	-0.749
lab*ch	0.375	0.75	0.755
lab*nch	0.0	0.75	0.755

relative Natural Colour (NC)

lab*lj	0.51	0.0	-0.749
lab*lc	0.375	0.75	0.755
lab*nc	0.0	0.75	0.755

relative Inform. Technology (IT)

ohv3*	0.0	0.0	0.0	(1.0)
cmv3*	1.0	1.0	1.0	(0.0)
olv3*	0.0	0.0	0.0	(1.0)
cmv3*	1.0	1.0	1.0	(0.0)

standard and adapted CIELAB

LAB*LAB	0.0	0.0	0.0
LAB*Lab	0.0	0.0	0.0
LAB*TC _{Ha}	0.0	0.0	0.0

relative CIELAB lab*

lab*lab	0.0	0.0	0.0
lab*ch	1.0	0.0	0.0
lab*nch	1.0	0.0	0.0

relative Natural Colour (NC)

lab*lj	0.0	0.0	0.0
lab*lc	1.0	0.0	0.0
lab*nc	1.0	0.0	0.0

relative Inform. Technology (IT)

ohv3*	0.0	0.61	1.0	(1.0)
cmv3*	1.0	0.39	0.0	(0.0)
olv3*	0.0	0.61	1.0	(1.0)
cmv3*	1.0	0.39	0.0	(0.0)

standard and adapted CIELAB

LAB*LAB	64.86	1.47	-48.64
LAB*Lab	64.86	1.47	-48.64
LAB*TC _{Ha}	50.0	48.67	271.74

relative CIELAB lab*

lab*lab	0.0	0.5	0.5	(0.0)
lab*ch	0.5	0.5	0.5	(0.0)
lab*nch	0.0	0.5	0.5	(0.0)

relative Natural Colour (NC)

lab*lj	0.0	0.5	0.5	(0.0)
lab*lc	0.5	0.5	0.5	(0.0)
lab*nc	0.0	0.5	0.5	(0.0)

relative Inform. Technology (IT)

ohv3*	0.5	0.5	0.5	(0.0)
cmv3*	0.5	0.5	0.5	(0.0)
olv3*	1.0	1.0	1.0	(0.5)
cmv3*	0.5	0.5	0.5	(0.0)

standard and adapted CIELAB

LAB*LAB	82.56	0.0	0.0
LAB*Lab	82.56	0.0	0.0
LAB*TC _{Ha}	50.0	0.0	0.0

relative CIELAB lab*

lab*lab	0.5	0.0	0.0
lab*ch	0.5	0.0	0.0
lab*nch	0.0	0.0	0.0

relative Natural Colour (NC)

lab*lj	0.5	0.0	0.0
lab*lc	0.5	0.0	0.0
lab*nc	0.0	0.0	0.0

relative Inform. Technology (IT)

ohv3*	0.25	0.52	0.5	(1.0)
cmv3*	0.75	0.478	0.5	(0.0)
olv3*	0.25	0.52	0.5	(1.0)
cmv3*	0.75	0.478	0.5	(0.0)