

DAIMI MATELIDA. CODE-1114416

Input: Colorimetric Offset Reflective System ORS18

for hue $h^* = lab^*h = 96/360 = 0.268$

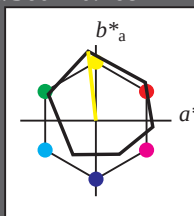
lab^*tch and lab^*nch

D65: hue Y

LCH*Ma: 90 92 96

olv*Ma: 1.0 1.0 0.0

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 47.5
LAB*LABa 95.41 0.0 0.0
LAB*TCHa 99.99 0.01

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*TCHa 75.00 0.01

relative CIELAB lab*
lab*lab 0.75 0.75 0.75 (1.0)
lab*tch 0.75 0.75 0.75 (1.0)
lab*nch 0.25 0.25 0.25 (0.0)
relative Natural Colour (NC)
lab*trj 0.75 0.75 0.75 (1.0)
lab*tce 0.75 0.75 0.75 (1.0)
lab*nce 0.25 0.25 0.25 (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 0.0 0.0
LAB*TCHa 50.00 0.01

relative CIELAB lab*
lab*lab 0.5 0.5 0.5 (0.0)
lab*tch 0.5 0.5 0.5 (0.0)
lab*nch 0.5 0.5 0.5 (0.0)
relative Natural Colour (NC)
lab*trj 0.5 0.5 0.5 (0.0)
lab*tce 0.5 0.5 0.5 (0.0)
lab*nce 0.5 0.5 0.5 (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 37.36 -0.24 0.63
LAB*LABa 37.36 0.0 0.0
LAB*TCHa 25.00 0.01

relative CIELAB lab*
lab*lab 0.25 0.25 0.25 (0.0)
lab*tch 0.25 0.25 0.25 (0.0)
lab*nch 0.75 0.75 0.75 (1.0)
relative Natural Colour (NC)
lab*trj 0.25 0.25 0.25 (0.0)
lab*tce 0.25 0.25 0.25 (0.0)
lab*nce 0.75 0.75 0.75 (1.0)

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 18.02 0.03 0.47
LAB*LABa 18.02 0.0 0.0
LAB*TCHa 0.01 0.01

relative CIELAB lab*
lab*lab 0.0 0.0 0.0 (0.0)
lab*tch 0.0 0.0 0.0 (0.0)
lab*nch 1.0 0.0 0.0 (0.0)
relative Natural Colour (NC)
lab*trj 0.0 0.0 0.0 (0.0)
lab*tce 0.0 0.0 0.0 (0.0)
lab*nce 1.0 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 0.01 0.01
LAB*LABa 0.01 0.01
LAB*TCHa 0.01 0.01

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

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 94.14 -3.52 27.6
LAB*LABa 94.14 -2.56 22.93
LAB*TCHa 97.5 23.07 96.38

relative CIELAB lab*
lab*lab 0.984 -0.027 0.248
lab*tch 0.875 0.25 0.268
lab*nch 0.0 0.25 0.268
relative Natural Colour (NC)
lab*trj 0.984 -0.024 0.249
lab*tce 0.875 0.25 0.268
lab*nce 0.0 0.25 0.268

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 74.8 -3.15 26.3
LAB*LABa 74.8 -2.56 22.94
LAB*TCHa 62.5 23.08 96.38

relative CIELAB lab*
lab*lab 0.734 -0.024 0.249
lab*tch 0.625 0.25 0.266
lab*nch 0.25 0.25 0.266
relative Natural Colour (NC)
lab*trj 0.734 -0.024 0.249
lab*tce 0.625 0.25 0.266
lab*nce 0.25 0.25 0.266

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 55.45 -2.78 25.0
LAB*LABa 55.45 -2.56 22.94
LAB*TCHa 37.5 23.08 96.38

relative CIELAB lab*
lab*lab 0.484 -0.082 0.248
lab*tch 0.375 0.25 0.268
lab*nch 0.5 0.25 0.268
relative Natural Colour (NC)
lab*trj 0.484 -0.024 0.249
lab*tce 0.375 0.25 0.266
lab*nce 0.5 0.25 0.266

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 36.1 -2.56 22.93
LAB*LABa 36.1 -2.56 22.93
LAB*TCHa 12.5 23.07 96.38

relative CIELAB lab*
lab*lab 0.234 -0.027 0.248
lab*tch 0.125 0.25 0.268
lab*nch 0.75 0.25 0.268
relative Natural Colour (NC)
lab*trj 0.234 -0.024 0.249
lab*tce 0.125 0.25 0.266
lab*nce 0.75 0.25 0.266

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 18.02 0.03 0.47
LAB*LABa 18.02 0.0 0.0
LAB*TCHa 0.01 0.01

relative CIELAB lab*
lab*lab 0.0 0.0 0.0 (0.0)
lab*tch 0.0 0.0 0.0 (0.0)
lab*nch 1.0 0.0 0.0 (0.0)
relative Natural Colour (NC)
lab*trj 0.0 0.0 0.0 (0.0)
lab*tce 0.0 0.0 0.0 (0.0)
lab*nce 1.0 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 0.01 0.01
LAB*LABa 0.01 0.01
LAB*TCHa 0.01 0.01

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 92.88 -6.06 50.46
LAB*LABa 92.88 -5.12 45.87
LAB*TCHa 75.0 46.15 96.38

relative CIELAB lab*
lab*lab 0.967 -0.055 0.497
lab*tch 0.75 0.5 0.268
lab*nch 0.0 0.5 0.268
relative Natural Colour (NC)
lab*trj 0.967 -0.048 0.497
lab*tce 0.75 0.5 0.266
lab*nce 0.0 0.5 0.266

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 91.62 -8.61 73.31
LAB*LABa 91.62 -6.89 68.8
LAB*TCHa 62.5 69.23 96.38

relative CIELAB lab*
lab*lab 0.951 -0.073 0.746
lab*tch 0.625 0.75 0.266
lab*nch 0.0 0.75 0.266
relative Natural Colour (NC)
lab*trj 0.951 -0.073 0.746
lab*tce 0.625 0.75 0.266
lab*nce 0.0 0.75 0.266

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 72.28 -7.28 72.0
LAB*LABa 72.28 -7.09 68.8
LAB*TCHa 37.51 69.23 96.38

relative CIELAB lab*
lab*lab 0.701 -0.082 0.745
lab*tch 0.375 0.75 0.268
lab*nch 0.5 0.75 0.268
relative Natural Colour (NC)
lab*trj 0.701 -0.073 0.746
lab*tce 0.375 0.75 0.266
lab*nce 0.5 0.75 0.266

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 44.19 -47.24 47.24
LAB*LABa 44.19 -5.12 45.88
LAB*TCHa 25.01 46.15 96.38

relative CIELAB lab*
lab*lab 0.467 -0.055 0.497
lab*tch 0.25 0.5 0.268
lab*nch 0.75 0.5 0.268
relative Natural Colour (NC)
lab*trj 0.467 -0.048 0.497
lab*tce 0.25 0.5 0.266
lab*nce 0.75 0.5 0.266

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 18.02 0.03 0.47
LAB*LABa 18.02 0.0 0.0
LAB*TCHa 0.01 0.01

relative CIELAB lab*
lab*lab 0.0 0.0 0.0 (0.0)
lab*tch 0.0 0.0 0.0 (0.0)
lab*nch 1.0 0.0 0.0 (0.0)
relative Natural Colour (NC)
lab*trj 0.0 0.0 0.0 (0.0)
lab*tce 0.0 0.0 0.0 (0.0)
lab*nce 1.0 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 0.01 0.01
LAB*LABa 0.01 0.01
LAB*TCHa 0.01 0.01

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 91.62 -8.61 73.31
LAB*LABa 91.62 -6.89 68.8
LAB*TCHa 62.5 69.23 96.38

relative CIELAB lab*
lab*lab 0.951 -0.073 0.746
lab*tch 0.625 0.75 0.266
lab*nch 0.0 0.75 0.266
relative Natural Colour (NC)
lab*trj 0.951 -0.073 0.746
lab*tce 0.625 0.75 0.266
lab*nce 0.0 0.75 0.266

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 90.36 -11.15 96.15
LAB*LABa 90.36 -10.25 91.73
LAB*TCHa 50.0 92.3 96.38

relative CIELAB lab*
lab*lab 0.935 -0.097 0.995
lab*tch 0.5 1.0 0.268
lab*nch 0.0 1.0 0.268
relative Natural Colour (NC)
lab*trj 0.935 -0.097 0.995
lab*tce 0.5 1.0 0.266
lab*nce 0.0 1.0 0.266

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*TCHa 50.0 0.0 0.0

relative CIELAB lab*
lab*lab 0.5 0.5 0.5 (0.0)
lab*tch 0.5 0.5 0.5 (0.0)
lab*nch 0.5 0.5 0.5 (0.0)
relative Natural Colour (NC)
lab*trj 0.5 0.5 0.5 (0.0)
lab*tce 0.5 0.5 0.5 (0.0)
lab*nce 0.5 0.5 0.5 (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 47.72 0.0 0.0
LAB*LABa 47.72 0.0 0.0
LAB*TCHa 50.0 0.0 0.0

relative CIELAB lab*
lab*lab 0.25 0.25 0.25 (0.0)
lab*tch 0.25 0.25 0.25 (0.0)
lab*nch 0.75 0.75 0.75 (1.0)
relative Natural Colour (NC)
lab*trj 0.25 0.25 0.25 (0.0)
lab*tce 0.25 0.25 0.25 (0.0)
lab*nce 0.75 0.75 0.75 (1.0)

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 0.0 0.0 0.0
LAB*LABa 0.0 0.0 0.0
LAB*TCHa 0.0 0.0 0.0

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

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*TCHa 99.99 0.01

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*TCHa 75.00 0.01

relative CIELAB lab*
lab*lab 0.993 -0.058 0.243
lab*tch 0.875 0.25 0.288
lab*nch 0.0 0.25 0.288
relative Natural Colour (NC)
lab*trj 0.993 -0.058 0.243
lab*tce 0.875 0.25 0.288
lab*nce 0.0 0.25 0.288

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 70.87 -5.17 22.69
LAB*LABa 70.87 -5.17 22.69
LAB*TCHa 62.5 23.27 102.85

relative CIELAB lab*
lab*lab 0.985 -0.111 0.487
lab*tch 0.75 0.75 0.75 (1.0)
lab*nch 0.0 0.75 0.75 (1.0)
relative Natural Colour (NC)
lab*trj 0.985 -0.111 0.486
lab*tce 0.75 0.75 0.75 (1.0)
lab*nce 0.0 0.75 0.75 (1.0)

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 47.72 0.0 0.0
LAB*LABa 47.72 0.0 0.0
LAB*TCHa 50.0 0.0 0.0

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

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

Input: Colorimetric Offset Reflective System ORS18

for hue $h^* = lab^*h = 151/360 = 0.419$

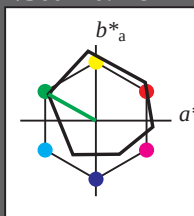
lab^*tch and lab^*nch

D65: hue L

LCH*Ma: 51 72 151

olv*Ma: 0.0 1.0 0.0

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 47.5
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 -

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 (1.0)
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 0.0 0.0
LAB*LABb 50.00 0.01 -

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 37.36 -0.03 0.63
LAB*LABa 37.36 0.0 0.0
LAB*LABb 25.00 0.01 -

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 18.02 0.0 0.47
LAB*LABa 18.02 0.0 0.0
LAB*LABb 0.01 0.01 -

relative CIELAB lab*
lab*lab 0.0 0.0 0.0
lab*tch 0.0 0.0 0.0
lab*nch 1.0 0.0 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 0.01 0.01 -

relative CIELAB lab*
lab*lab 0.0 0.0 0.0
lab*tch 0.0 0.0 0.0
lab*nch 1.0 0.0 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 1.0 0.75 (1.0)
cmyn3* 0.25 0.0 0.75 (0.0)
olv4* 0.75 1.0 0.75 (1.0)
cmyn4* 0.25 0.0 0.75 (0.0)
standard and adapted CIELAB
LAB*LAB 84.28 -16.47 12.74
LAB*LABa 84.28 -15.69 8.74
LAB*LABb 97.5 15.91

relative CIELAB lab*
lab*lab 0.856 -0.217 0.121
lab*tch 0.875 0.25 0.419
lab*nch 0.0 0.25 0.419
relative Natural Colour (NC)
lab*trj 0.856 -0.238 0.072
lab*tce 0.875 0.25 0.453
lab*nce 0.0 0.25 0.419

relative Inform. Technology (IT)
olv3* 0.5 0.75 0.5 (1.0)
cmyn3* 0.5 0.25 0.5 (0.0)
olv4* 0.75 1.0 0.75 (1.0)
cmyn4* 0.5 0.0 0.5 (0.0)
standard and adapted CIELAB
LAB*LAB 64.93 -16.1 11.44
LAB*LABa 64.93 -15.7 8.74
LAB*LABb 62.5 17.98 15.91

relative CIELAB lab*
lab*lab 0.636 -0.217 0.122
lab*tch 0.625 0.25 0.419
lab*nch 0.0 0.25 0.419
relative Natural Colour (NC)
lab*trj 0.636 -0.238 0.072
lab*tce 0.625 0.25 0.453
lab*nce 0.0 0.25 0.419

relative Inform. Technology (IT)
olv3* 0.25 0.5 0.25 (1.0)
cmyn3* 0.75 0.25 0.75 (0.0)
olv4* 0.75 1.0 0.75 (1.0)
cmyn4* 0.25 0.0 0.75 (0.0)
standard and adapted CIELAB
LAB*LAB 45.26 -15.73 10.13
LAB*LABa 45.26 -15.7 8.74
LAB*LABb 50.0 17.98 15.91

relative CIELAB lab*
lab*lab 0.356 -0.217 0.122
lab*tch 0.375 0.25 0.419
lab*nch 0.0 0.25 0.419
relative Natural Colour (NC)
lab*trj 0.356 -0.238 0.072
lab*tce 0.375 0.25 0.453
lab*nce 0.0 0.25 0.419

relative Inform. Technology (IT)
olv3* 0.0 0.25 0.0 (1.0)
cmyn3* 1.0 0.75 1.0 (0.0)
olv4* 0.75 1.0 0.75 (1.0)
cmyn4* 0.25 0.0 0.75 (0.0)
standard and adapted CIELAB
LAB*LAB 26.24 -15.69 8.74
LAB*LABa 26.24 -15.69 8.74
LAB*LABb 12.5 17.97 15.91

relative CIELAB lab*
lab*lab 0.106 -0.217 0.121
lab*tch 0.125 0.25 0.419
lab*nch 0.0 0.25 0.419
relative Natural Colour (NC)
lab*trj 0.106 -0.238 0.072
lab*tce 0.125 0.25 0.453
lab*nce 0.0 0.25 0.419

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 0.47
LAB*LABa 0.03 0.0 0.0
LAB*LABb 0.01 0.01 -

relative CIELAB lab*
lab*lab 0.0 0.0 0.0
lab*tch 0.0 0.0 0.0
lab*nch 1.0 0.0 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 0.01 0.01 -

relative CIELAB lab*
lab*lab 0.0 0.0 0.0
lab*tch 0.0 0.0 0.0
lab*nch 1.0 0.0 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* 0.5 1.0 0.5 (1.0)
cmyn3* 0.5 0.0 0.5 (0.0)
olv4* 0.5 1.0 0.5 (1.0)
cmyn4* 0.5 0.0 0.5 (0.0)
standard and adapted CIELAB
LAB*LAB 73.15 -31.96 20.73
LAB*LABa 73.15 -31.4 17.48
LAB*LABb 75.0 35.95 15.91

relative CIELAB lab*
lab*lab 0.712 -0.436 0.243
lab*tch 0.75 0.5 0.419
lab*nch 0.0 0.5 0.419
relative Natural Colour (NC)
lab*trj 0.712 -0.478 0.144
lab*tce 0.75 0.5 0.453
lab*nce 0.0 0.5 0.419

relative Inform. Technology (IT)
olv3* 0.25 0.75 0.25 (1.0)
cmyn3* 0.75 0.25 0.75 (0.0)
olv4* 0.5 1.0 0.5 (1.0)
cmyn4* 0.5 0.0 0.5 (0.0)
standard and adapted CIELAB
LAB*LAB 53.81 -31.6 19.43
LAB*LABa 53.81 -31.4 17.48
LAB*LABb 50.0 35.95 15.91

relative CIELAB lab*
lab*lab 0.462 -0.436 0.243
lab*tch 0.5 0.5 0.419
lab*nch 0.0 0.5 0.419
relative Natural Colour (NC)
lab*trj 0.462 -0.478 0.144
lab*tce 0.5 0.5 0.453
lab*nce 0.0 0.5 0.419

relative Inform. Technology (IT)
olv3* 0.0 0.75 0.0 (1.0)
cmyn3* 1.0 0.25 1.0 (0.0)
olv4* 0.5 1.0 0.5 (1.0)
cmyn4* 0.5 0.0 0.5 (0.0)
standard and adapted CIELAB
LAB*LAB 42.68 -47.09 27.41
LAB*LABa 42.68 -47.1 26.21
LAB*LABb 37.51 53.92 15.91

relative CIELAB lab*
lab*lab 0.319 -0.654 0.365
lab*tch 0.375 0.75 0.419
lab*nch 0.0 0.75 0.419
relative Natural Colour (NC)
lab*trj 0.319 -0.717 0.217
lab*tce 0.375 0.75 0.453
lab*nce 0.0 0.75 0.419

relative Inform. Technology (IT)
olv3* 0.0 0.25 0.0 (1.0)
cmyn3* 1.0 0.5 1.0 (0.0)
olv4* 0.5 1.0 0.5 (1.0)
cmyn4* 0.5 0.0 0.5 (0.0)
standard and adapted CIELAB
LAB*LAB 34.46 -31.22 18.12
LAB*LABa 34.46 -31.4 17.48
LAB*LABb 25.01 35.95 15.91

relative CIELAB lab*
lab*lab 0.213 -0.436 0.243
lab*tch 0.25 0.5 0.419
lab*nch 0.0 0.5 0.419
relative Natural Colour (NC)
lab*trj 0.213 -0.478 0.144
lab*tce 0.25 0.5 0.453
lab*nce 0.0 0.5 0.419

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 0.47
LAB*LABa 0.03 0.0 0.0
LAB*LABb 0.01 0.01 -

relative CIELAB lab*
lab*lab 0.0 0.0 0.0
lab*tch 0.0 0.0 0.0
lab*nch 1.0 0.0 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 0.01 0.01 -

relative CIELAB lab*
lab*lab 0.0 0.0 0.0
lab*tch 0.0 0.0 0.0
lab*nch 1.0 0.0 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* 0.5 1.0 0.5 (1.0)
cmyn3* 0.5 0.0 0.5 (0.0)
olv4* 0.5 1.0 0.5 (1.0)
cmyn4* 0.5 0.0 0.5 (0.0)
standard and adapted CIELAB
LAB*LAB 62.02 -47.46 28.72
LAB*LABa 62.02 -47.1 26.21
LAB*LABb 62.5 53.92 15.91

relative CIELAB lab*
lab*lab 0.569 -0.654 0.365
lab*tch 0.625 0.75 0.419
lab*nch 0.0 0.75 0.419
relative Natural Colour (NC)
lab*trj 0.569 -0.717 0.217
lab*tce 0.625 0.75 0.453
lab*nce 0.0 0.75 0.419

relative Inform. Technology (IT)
olv3* 0.25 0.75 0.25 (1.0)
cmyn3* 0.75 0.25 0.75 (0.0)
olv4* 0.5 1.0 0.5 (1.0)
cmyn4* 0.5 0.0 0.5 (0.0)
standard and adapted CIELAB
LAB*LAB 50.9 -62.95 36.7
LAB*LABa 50.9 -62.81 34.95
LAB*LABb 50.0 71.89 15.91

relative CIELAB lab*
lab*lab 0.425 -0.873 0.486
lab*tch 0.5 1.0 0.419
lab*nch 0.0 1.0 0.419
relative Natural Colour (NC)
lab*trj 0.425 -0.956 0.289
lab*tce 0.5 1.0 0.453
lab*nce 0.0 1.0 0.419

relative Inform. Technology (IT)
olv3* 0.0 0.25 0.0 (1.0)
cmyn3* 1.0 0.25 1.0 (0.0)
olv4* 0.5 1.0 0.5 (1.0)
cmyn4* 0.5 0.0 0.5 (0.0)
standard and adapted CIELAB
LAB*LAB 37.51 53.92 15.91

relative CIELAB lab*
lab*lab 0.319 -0.654 0.365
lab*tch 0.375 0.75 0.419
lab*nch 0.0 0.75 0.419
relative Natural Colour (NC)
lab*trj 0.319 -0.717 0.217
lab*tce 0.375 0.75 0.453
lab*nce 0.0 0.75 0.419

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 0.47
LAB*LABa 0.03 0.0 0.0
LAB*LABb 0.01 0.01 -

relative CIELAB lab*
lab*lab 0.0 0.0 0.0
lab*tch 0.0 0.0 0.0
lab*nch 1.0 0.0 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 0.01 0.01 -

relative CIELAB lab*
lab*lab 0.0 0.0 0.0
lab*tch 0.0 0.0 0.0
lab*nch 1.0 0.0 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 0.01 0.01 -

relative CIELAB lab*
lab*lab 0.0 0.0 0.0
lab*tch 0.0 0.0 0.0
lab*nch 1.0 0.0 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* 0.5 0.5 0.5 (1.0)
cmyn3* 0.5 0.25 0.5 (0.0)
olv4* 0.5 1.0 0.5 (1.0)
cmyn4* 0.5 0.0 0.5 (0.0)
standard and adapted CIELAB
LAB*LAB 71.57 0.0 0.0
LAB*LABa 71.57 0.0 0.0
LAB*LABb 75.0 0.01 -

relative CIELAB lab*
lab*lab 0.5 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 0.5 0.25 (1.0)
cmyn3* 0.75 0.25 0.75 (0.0)
olv4* 0.5 1.0 0.5 (1.0)
cmyn4* 0.5 0.0 0.5 (0.0)
standard and adapted CIELAB
LAB*LAB 47.72 0.0 0.0
LAB*LABa 47.72 0.0 0.0
LAB*LABb 50.0 0.01 -

relative CIELAB lab*
lab*lab 0.5 0.0 0.0
lab*tch 0.5 0.0 0.0
lab*nch 0.0 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* 0.0 0.25 0.0 (1.0)
cmyn3* 1.0 0.25 1.0 (0.0)
olv4* 0.5 1.0 0.5 (1.0)
cmyn4* 0.5 0.0 0.5 (0.0)
standard and adapted CIELAB
LAB*LAB 37.5 28.76 13.601

relative CIELAB lab*
lab*lab 0.469 -0.179 0.174
lab*tch 0.375 0.25 0.378
lab*nch 0.0 0.25 0.378
relative Natural Colour (NC)
lab*trj 0.469 -0.207 0.139
lab*tce 0.375 0.25 0.406
lab*nce 0.0 0.25 0.378

relative Inform. Technology (IT)
olv3* 0.0 0.5 0.0 (1.0)
cmyn3* 0.75 0.5 0.75 (0.0)
olv4* 0.5 1.0 0.5 (1.0)
cmyn4* 0.5 0.0 0.5 (0.0)
standard and adapted CIELAB
LAB*LAB 44.76 -20.68 19.98
LAB*LABa 44.76 -20.68 19.98
LAB*LABb 37.5 28.76 13.601

relative CIELAB lab*
lab*lab 0.438 -0.359 0.347
lab*tch 0.375 0.25 0.378
lab*nch 0.0 0.25 0.378
relative Natural Colour (NC)
lab*trj 0.438 -0.415 0.278
lab*tce 0.375 0.25 0.406
lab*nce 0.0 0.25 0.378

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 0.47
LAB*LABa 0.03 0.0 0.0
LAB*LABb 0.01 0.01 -

relative CIELAB lab*
lab*lab 0.0 0.0 0.0
lab*tch 0.0 0.0 0.0
lab*nch 1.0 0.0 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 0.01 0.01 -

relative CIELAB lab*
lab*lab 0.0 0.0 0.0
lab*tch 0.0 0.0 0.0
lab*nch 1.0 0.0 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

1,00

Input: Colorimetric Offset Reflective System ORS18

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

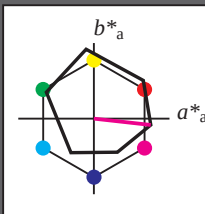
lab^*tch and lab^*nch

D65: hue M

LCH*Ma: 48 76 354

olv*Ma: 1.0 0.0 1.0

triangle lightness t^*



% Gamut

$u^*_{rel} = 93$

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 47.5
LAB*LABa 95.41 0.0 0.0
LAB*LABb 95.41 0.0 0.0
LAB*LABc 95.41 0.0 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*trc 1.0 0.0 0.0
lab*trb 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 76.06 0.0 0.0
LAB*LABc 76.06 0.0 0.0

relative CIELAB lab*
lab*lab 0.847 0.248 -0.027
lab*tch 0.875 0.25 0.982
lab*nch 0.0 0.25 0.982
relative Natural Colour (NC)
lab*trj 0.847 0.227 -0.103
lab*trc 0.875 0.25 0.982
lab*trb 0.0 0.25 0.982

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 56.71 -0.24 2.14
LAB*LABa 56.71 0.0 0.0
LAB*LABb 56.71 0.0 0.0
LAB*LABc 56.71 0.0 0.0

relative CIELAB lab*
lab*lab 0.57 0.25 -0.027
lab*tch 0.625 0.25 0.982
lab*nch 0.0 0.25 0.982
relative Natural Colour (NC)
lab*trj 0.57 0.227 -0.103
lab*trc 0.625 0.25 0.982
lab*trb 0.0 0.25 0.982

relative Inform. Technology (IT)
olv3* 0.5 0.5 0.5 (1.0)
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 50.0 0.0 0.0
LAB*LABa 50.0 0.0 0.0
LAB*LABb 50.0 0.0 0.0
LAB*LABc 50.0 0.0 0.0

relative CIELAB lab*
lab*lab 0.347 0.248 -0.027
lab*tch 0.375 0.25 0.982
lab*nch 0.0 0.25 0.982
relative Natural Colour (NC)
lab*trj 0.347 0.227 -0.103
lab*trc 0.375 0.25 0.982
lab*trb 0.0 0.25 0.982

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 37.36 0.0 0.0
LAB*LABa 37.36 0.0 0.0
LAB*LABb 37.36 0.0 0.0
LAB*LABc 37.36 0.0 0.0

relative CIELAB lab*
lab*lab 0.125 0.25 0.982
lab*tch 0.125 0.25 0.982
lab*nch 0.0 0.25 0.982
relative Natural Colour (NC)
lab*trj 0.125 0.227 -0.103
lab*trc 0.125 0.25 0.982
lab*trb 0.0 0.25 0.982

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 18.02 0.0 0.0
LAB*LABa 18.02 0.0 0.0
LAB*LABb 18.02 0.0 0.0
LAB*LABc 18.02 0.0 0.0

relative CIELAB lab*
lab*lab 0.0 0.25 0.982
lab*tch 0.0 0.25 0.982
lab*nch 0.0 0.25 0.982
relative Natural Colour (NC)
lab*trj 0.0 0.227 -0.103
lab*trc 0.0 0.25 0.982
lab*trb 0.0 0.25 0.982

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 0.0 0.0 0.0
LAB*LABa 0.0 0.0 0.0
LAB*LABb 0.0 0.0 0.0
LAB*LABc 0.0 0.0 0.0

relative CIELAB lab*
lab*lab 0.0 0.25 0.982
lab*tch 0.0 0.25 0.982
lab*nch 0.0 0.25 0.982
relative Natural Colour (NC)
lab*trj 0.0 0.227 -0.103
lab*trc 0.0 0.25 0.982
lab*trb 0.0 0.25 0.982

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 0.0 0.0 0.0
LAB*LABa 0.0 0.0 0.0
LAB*LABb 0.0 0.0 0.0
LAB*LABc 0.0 0.0 0.0

relative CIELAB lab*
lab*lab 0.0 0.25 0.982
lab*tch 0.0 0.25 0.982
lab*nch 0.0 0.25 0.982
relative Natural Colour (NC)
lab*trj 0.0 0.227 -0.103
lab*trc 0.0 0.25 0.982
lab*trb 0.0 0.25 0.982

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 0.0 0.0 0.0
LAB*LABa 0.0 0.0 0.0
LAB*LABb 0.0 0.0 0.0
LAB*LABc 0.0 0.0 0.0

relative CIELAB lab*
lab*lab 0.0 0.25 0.982
lab*tch 0.0 0.25 0.982
lab*nch 0.0 0.25 0.982
relative Natural Colour (NC)
lab*trj 0.0 0.227 -0.103
lab*trc 0.0 0.25 0.982
lab*trb 0.0 0.25 0.982

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 0.0 0.0 0.0
LAB*LABa 0.0 0.0 0.0
LAB*LABb 0.0 0.0 0.0
LAB*LABc 0.0 0.0 0.0

relative CIELAB lab*
lab*lab 0.0 0.25 0.982
lab*tch 0.0 0.25 0.982
lab*nch 0.0 0.25 0.982
relative Natural Colour (NC)
lab*trj 0.0 0.227 -0.103
lab*trc 0.0 0.25 0.982
lab*trb 0.0 0.25 0.982

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 71.77 37.63 -4.17
LAB*LABc 71.77 37.63 -4.17

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*trc 0.75 0.5 0.982
lab*trb 0.0 0.5 0.982

relative Inform. Technology (IT)
olv3* 0.75 0.5 0.75 (1.0)
cmyn3* 0.25 0.5 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 52.42 37.64 -4.17
LAB*LABc 52.42 37.64 -4.17

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*trc 0.625 0.75 0.982
lab*trb 0.0 0.75 0.982

relative Inform. Technology (IT)
olv3* 0.5 0.5 0.5 (1.0)
cmyn3* 0.5 0.5 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 40.6 56.52 -5.21
LAB*LABa 40.6 56.52 -5.21
LAB*LABb 40.6 56.52 -5.21
LAB*LABc 40.6 56.52 -5.21

relative CIELAB lab*
lab*lab 0.389 0.909 -0.416
lab*tch 0.5 0.5 0.982
lab*nch 0.0 0.5 0.982
relative Natural Colour (NC)
lab*trj 0.389 0.832 -0.416
lab*trc 0.5 0.5 0.982
lab*trb 0.0 0.5 0.982

relative Inform. Technology (IT)
olv3* 0.5 0.5 0.5 (1.0)
cmyn3* 0.5 0.5 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 33.07 37.64 -4.17
LAB*LABa 33.07 37.64 -4.17
LAB*LABb 33.07 37.64 -4.17
LAB*LABc 33.07 37.64 -4.17

relative CIELAB lab*
lab*lab 0.292 0.745 -0.082
lab*tch 0.375 0.75 0.982
lab*nch 0.0 0.75 0.982
relative Natural Colour (NC)
lab*trj 0.292 0.682 -0.312
lab*trc 0.375 0.75 0.982
lab*trb 0.0 0.75 0.982

relative Inform. Technology (IT)
olv3* 0.25 0.25 0.25 (1.0)
cmyn3* 0.75 0.25 0.25 (0.0)
olv4* 1.0 0.25 1.0 (1.0)
cmyn4* 0.0 0.25 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 25.54 19.17 -2.04
LAB*LABa 25.54 19.17 -2.04
LAB*LABb 25.54 19.17 -2.04
LAB*LABc 25.54 19.17 -2.04

relative CIELAB lab*
lab*lab 0.195 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 0.195 0.454 -0.208
lab*trc 0.25 0.5 0.982
lab*trb 0.0 0.5 0.982

relative Inform. Technology (IT)
olv3* 0.25 0.25 0.25 (1.0)
cmyn3* 0.75 0.25 0.25 (0.0)
olv4* 1.0 0.25 1.0 (1.0)
cmyn4* 0.0 0.25 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 12.5 18.93 353.66
LAB*LABa 12.5 18.93 353.66
LAB*LABb 12.5 18.93 353.66
LAB*LABc 12.5 18.93 353.66

relative CIELAB lab*
lab*lab 0.097 0.248 -0.027
lab*tch 0.125 0.25 0.982
lab*nch 0.0 0.25 0.982
relative Natural Colour (NC)
lab*trj 0.097 0.227 -0.103
lab*trc 0.125 0.25 0.982
lab*trb 0.0 0.25 0.982

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

relative CIELAB lab*
lab*lab 0.0 0.25 0.982
lab*tch 0.0 0.25 0.982
lab*nch 0.0 0.25 0.982
relative Natural Colour (NC)
lab*trj 0.0 0.227 -0.103
lab*trc 0.0 0.25 0.982
lab*trb 0.0 0.25 0.982

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

relative CIELAB lab*
lab*lab 0.0 0.25 0.982
lab*tch 0.0 0.25 0.982
lab*nch 0.0 0.25 0.982
relative Natural Colour (NC)
lab*trj 0.0 0.227 -0.103
lab*trc 0.0 0.25 0.982
lab*trb 0.0 0.25 0.982

Output: Colorimetric Television Luminous System TLS00

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

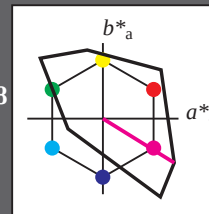
lab^*tch and lab^*nch

D65: hue M

LCH*Ma: 57 111 328

olv*Ma: 1.0 0.0 1.0

triangle lightness t^*



% Gamut

$u^*_{rel} = 158$

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 95.41 0.0 0.0
LAB*LABc 95.41 0.0 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*trc 1.0 0.0 0.0
lab*trb 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 0.25 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

relative CIELAB lab*
lab*lab 0.5 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 0.5 0.0 0.0
lab*trc 0.75 0.0 0.0
lab*trb 0.0 0.0 0.0

relative Inform. Technology (IT)
olv3* 0.5 0.5 0.5 (1.0)
cmyn3* 0.5 0.5 0.5 (0.0)
olv4* 1.0 1.0 1.0 (1.0)
cmyn4* 0.0 0.5 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 50.0 0.0 0.0
LAB*LABa 50.0 0.0 0.0
LAB*LABb 50.0 0.0 0.0
LAB*LABc 50.0 0.0 0.0

relative CIELAB lab*
lab*lab 0.3 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 0.3 0.0 0.0
lab*trc 0.5 0.0 0.0
lab*trb 0.0 0.0 0.0

relative Inform. Technology (IT)
olv3* 0.25 0.25 0.25 (1.0)
cmyn3* 0.75 0.25 0.25 (0.0)
olv4* 1.0 0.25 1.0 (1.0)
cmyn4* 0.0 0.25 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 25.0 0.0 0.0
LAB*LABa 25.0 0.0 0.0
LAB*LABb 25.0 0.0 0.0
LAB*LABc 25.0 0.0 0.0

relative CIELAB lab*
lab*lab 0.1 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 0.1 0.0 0.0
lab*trc 0.25 0.0 0.0
lab*trb 0.0 0.0 0.0

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

relative CIELAB lab*
lab*lab 0.0 0.25 0.982
lab*tch 0.0 0.25 0.982
lab*nch 0.0 0.25 0.982
relative Natural Colour (NC)
lab*trj 0.0 0.227 -0.103
lab*trc 0.0 0.25 0.982
lab*trb 0.0 0.25 0.982

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

relative CIELAB lab*
lab*lab 0.0 0.25 0.982
lab*tch 0.0 0.25 0.982
lab*nch 0.0 0.25 0.982
relative Natural Colour (NC)
lab*trj 0.0 0.227 -0.103
lab*trc 0.0 0.25 0.982
lab*trb 0.0 0.25 0.982

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

relative CIELAB lab*
lab*lab 0.0 0.25 0.982
lab*tch 0.0 0.25 0.982
lab*nch 0.0 0.25 0.982
relative Natural Colour (NC)
lab*trj 0.0 0.227 -0.103
lab*trc 0.0 0.25 0.982
lab*trb 0.0 0.25 0.982

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

relative CIELAB lab*
lab*lab 0.0 0.25 0.982
lab*tch 0.0 0.25 0.982
lab*nch 0.0 0.25 0.982
relative Natural Colour (NC)
lab*trj 0.0 0.227 -0.103
lab*trc 0.0 0.25 0.982
lab*trb 0

Input: Colorimetric Offset Reflective System ORS18

for hue $h^* = lab^*h = 25/360 = 0.069$

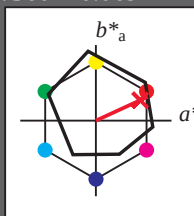
lab^*tch and lab^*nch

D65: hue R

LCH*Ma: 48 75 25

olv*Ma: 1.0 0.0 0.32

triangle lightness t^*



% Gamut

$u^*_{rel} = 93$

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

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

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

Output: Colorimetric Television Luminous System TLS00

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

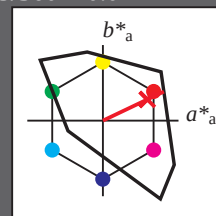
lab^*tch and lab^*nch

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

% 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 -9.98 47.5
LAB*LABa 95.41 0.0 0.0
LAB*TCHa 99.99 0.01 -

relative Inform. Technology (IT)
olv3* 1.0 0.75 0.831 (1.0)
cmyn3* 0.0 0.25 0.169 (0.0)
olv4* 1.0 0.75 0.831 (1.0)
cmyn4* 0.0 0.25 0.169 (0.0)
standard and adapted CIELAB
LAB*LAB 83.55 16.38 11.84
LAB*LABa 83.55 17.14 7.88
LAB*TCHa 97.5 18.86 24.69

relative Inform. Technology (IT)
olv3* 1.0 0.5 0.661 (1.0)
cmyn3* 0.0 0.5 0.339 (0.0)
olv4* 1.0 0.5 0.661 (1.0)
cmyn4* 0.0 0.5 0.339 (0.0)
standard and adapted CIELAB
LAB*LAB 71.7 33.75 18.92
LAB*LABa 71.7 34.28 15.76
LAB*TCHa 75.0 37.73 24.7

relative Inform. Technology (IT)
olv3* 1.0 0.25 0.492 (1.0)
cmyn3* 0.0 0.25 0.508 (0.0)
olv4* 1.0 0.25 0.492 (1.0)
cmyn4* 0.0 0.25 0.508 (0.0)
standard and adapted CIELAB
LAB*LAB 59.85 51.12 26.01
LAB*LABa 59.85 52.23 23.58
LAB*TCHa 62.5 56.6 24.7

relative Inform. Technology (IT)
olv3* 1.0 0.125 0.322 (1.0)
cmyn3* 0.0 0.125 0.678 (0.0)
olv4* 1.0 0.125 0.322 (1.0)
cmyn4* 0.0 0.125 0.678 (0.0)
standard and adapted CIELAB
LAB*LAB 48.0 68.48 33.09
LAB*LABa 48.0 68.56 31.53
LAB*TCHa 50.0 75.47 24.7

relative Inform. Technology (IT)
olv3* 1.0 0.0625 0.156 (1.0)
cmyn3* 0.0 0.0625 0.844 (0.0)
olv4* 1.0 0.0625 0.156 (1.0)
cmyn4* 0.0 0.0625 0.844 (0.0)
standard and adapted CIELAB
LAB*LAB 36.84 20.16 9.6
LAB*LABa 36.84 20.15 9.6
LAB*TCHa 37.5 22.33 25.48

relative Inform. Technology (IT)
olv3* 1.0 0.03125 0.078 (1.0)
cmyn3* 0.0 0.03125 0.922 (0.0)
olv4* 1.0 0.03125 0.078 (1.0)
cmyn4* 0.0 0.03125 0.922 (0.0)
standard and adapted CIELAB
LAB*LAB 25.36 40.31 19.21
LAB*LABa 25.36 40.31 19.21
LAB*TCHa 25.01 44.65 25.49

relative Inform. Technology (IT)
olv3* 1.0 0.015625 0.039 (1.0)
cmyn3* 0.0 0.015625 0.961 (0.0)
olv4* 1.0 0.015625 0.039 (1.0)
cmyn4* 0.0 0.015625 0.961 (0.0)
standard and adapted CIELAB
LAB*LAB 13.0 20.15 9.61
LAB*LABa 13.0 20.15 9.61
LAB*TCHa 12.5 22.32 25.5

relative Inform. Technology (IT)
olv3* 1.0 0.0078125 0.0195 (1.0)
cmyn3* 0.0 0.0078125 0.9805 (0.0)
olv4* 1.0 0.0078125 0.0195 (1.0)
cmyn4* 0.0 0.0078125 0.9805 (0.0)
standard and adapted CIELAB
LAB*LAB 6.5 10.075 4.808
LAB*LABa 6.5 10.075 4.808
LAB*TCHa 6.25 11.075 5.071

relative Inform. Technology (IT)
olv3* 1.0 0.00390625 0.00975 (1.0)
cmyn3* 0.0 0.00390625 0.99025 (0.0)
olv4* 1.0 0.00390625 0.00975 (1.0)
cmyn4* 0.0 0.00390625 0.99025 (0.0)
standard and adapted CIELAB
LAB*LAB 3.25 5.0375 2.404
LAB*LABa 3.25 5.0375 2.404
LAB*TCHa 3.125 5.5375 2.5355

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*TCHa 75.0 0.01 -

relative Inform. Technology (IT)
olv3* 0.75 0.5 0.581 (1.0)
cmyn3* 0.25 0.5 0.419 (0.0)
olv4* 1.0 0.75 0.831 (1.0)
cmyn4* 0.0 0.25 0.169 (0.0)
standard and adapted CIELAB
LAB*LAB 64.21 16.75 10.54
LAB*LABa 64.21 17.14 7.88
LAB*TCHa 62.5 18.87 24.7

relative Inform. Technology (IT)
olv3* 0.75 0.25 0.411 (1.0)
cmyn3* 0.25 0.25 0.589 (0.0)
olv4* 1.0 0.5 0.661 (1.0)
cmyn4* 0.0 0.25 0.339 (0.0)
standard and adapted CIELAB
LAB*LAB 52.36 34.13 17.62
LAB*LABa 52.36 34.29 15.77
LAB*TCHa 50.0 37.74 24.7

relative Inform. Technology (IT)
olv3* 0.75 0.125 0.242 (1.0)
cmyn3* 0.25 0.125 0.758 (0.0)
olv4* 1.0 0.25 0.492 (1.0)
cmyn4* 0.0 0.125 0.508 (0.0)
standard and adapted CIELAB
LAB*LAB 40.51 51.49 24.71
LAB*LABa 40.51 51.42 23.65
LAB*TCHa 37.51 56.6 24.7

relative Inform. Technology (IT)
olv3* 0.75 0.0625 0.156 (1.0)
cmyn3* 0.25 0.0625 0.844 (0.0)
olv4* 1.0 0.0625 0.156 (1.0)
cmyn4* 0.0 0.0625 0.844 (0.0)
standard and adapted CIELAB
LAB*LAB 25.36 40.31 19.21
LAB*LABa 25.36 40.31 19.21
LAB*TCHa 25.01 44.65 25.49

relative Inform. Technology (IT)
olv3* 0.75 0.03125 0.078 (1.0)
cmyn3* 0.25 0.03125 0.922 (0.0)
olv4* 1.0 0.03125 0.078 (1.0)
cmyn4* 0.0 0.03125 0.922 (0.0)
standard and adapted CIELAB
LAB*LAB 13.0 20.15 9.61
LAB*LABa 13.0 20.15 9.61
LAB*TCHa 12.5 22.32 25.5

relative Inform. Technology (IT)
olv3* 0.75 0.015625 0.039 (1.0)
cmyn3* 0.25 0.015625 0.961 (0.0)
olv4* 1.0 0.015625 0.039 (1.0)
cmyn4* 0.0 0.015625 0.961 (0.0)
standard and adapted CIELAB
LAB*LAB 6.5 10.075 4.808
LAB*LABa 6.5 10.075 4.808
LAB*TCHa 6.25 11.075 5.071

relative Inform. Technology (IT)
olv3* 0.75 0.0078125 0.0195 (1.0)
cmyn3* 0.25 0.0078125 0.9805 (0.0)
olv4* 1.0 0.0078125 0.0195 (1.0)
cmyn4* 0.0 0.0078125 0.9805 (0.0)
standard and adapted CIELAB
LAB*LAB 3.25 5.0375 2.404
LAB*LABa 3.25 5.0375 2.404
LAB*TCHa 3.125 5.5375 2.5355

relative Inform. Technology (IT)
olv3* 0.75 0.00390625 0.00975 (1.0)
cmyn3* 0.25 0.00390625 0.99025 (0.0)
olv4* 1.0 0.00390625 0.00975 (1.0)
cmyn4* 0.0 0.00390625 0.99025 (0.0)
standard and adapted CIELAB
LAB*LAB 1.625 2.51875 1.202
LAB*LABa 1.625 2.51875 1.202
LAB*TCHa 1.5625 2.76875 1.26775

relative Inform. Technology (IT)
olv3* 0.75 0.001953125 0.004875 (1.0)
cmyn3* 0.25 0.001953125 0.995125 (0.0)
olv4* 1.0 0.001953125 0.004875 (1.0)
cmyn4* 0.0 0.001953125 0.995125 (0.0)
standard and adapted CIELAB
LAB*LAB 0.8125 1.259375 0.601
LAB*LABa 0.8125 1.259375 0.601
LAB*TCHa 0.78125 1.384375 0.633875

relative Inform. Technology (IT)
olv3* 0.5 0.5 0.5 (1.0)
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 0.0 0.0
LAB*TCHa 50.0 0.01 -

relative Inform. Technology (IT)
olv3* 0.5 0.25 0.331 (1.0)
cmyn3* 0.5 0.25 0.669 (0.0)
olv4* 1.0 0.75 0.831 (1.0)
cmyn4* 0.0 0.25 0.169 (0.0)
standard and adapted CIELAB
LAB*LAB 44.86 13.93 9.23
LAB*LABa 44.86 14.38 7.36
LAB*TCHa 37.5 18.87 24.7

relative Inform. Technology (IT)
olv3* 0.5 0.125 0.242 (1.0)
cmyn3* 0.5 0.125 0.758 (0.0)
olv4* 1.0 0.5 0.661 (1.0)
cmyn4* 0.0 0.25 0.339 (0.0)
standard and adapted CIELAB
LAB*LAB 33.01 34.49 16.37
LAB*LABa 33.01 34.49 16.37
LAB*TCHa 30.01 37.74 24.7

relative Inform. Technology (IT)
olv3* 0.5 0.0625 0.156 (1.0)
cmyn3* 0.5 0.0625 0.844 (0.0)
olv4* 1.0 0.25 0.492 (1.0)
cmyn4* 0.0 0.125 0.508 (0.0)
standard and adapted CIELAB
LAB*LAB 20.16 40.31 19.21
LAB*LABa 20.16 40.31 19.21
LAB*TCHa 20.01 44.65 25.49

relative Inform. Technology (IT)
olv3* 0.5 0.03125 0.078 (1.0)
cmyn3* 0.5 0.03125 0.922 (0.0)
olv4* 1.0 0.03125 0.078 (1.0)
cmyn4* 0.0 0.03125 0.922 (0.0)
standard and adapted CIELAB
LAB*LAB 10.08 20.15 9.61
LAB*LABa 10.08 20.15 9.61
LAB*TCHa 10.01 22.32 25.5

relative Inform. Technology (IT)
olv3* 0.5 0.015625 0.039 (1.0)
cmyn3* 0.5 0.015625 0.961 (0.0)
olv4* 1.0 0.015625 0.039 (1.0)
cmyn4* 0.0 0.015625 0.961 (0.0)
standard and adapted CIELAB
LAB*LAB 5.04 10.075 4.808
LAB*LABa 5.04 10.075 4.808
LAB*TCHa 5.01 11.075 5.071

relative Inform. Technology (IT)
olv3* 0.5 0.0078125 0.0195 (1.0)
cmyn3* 0.5 0.0078125 0.9805 (0.0)
olv4* 1.0 0.0078125 0.0195 (1.0)
cmyn4* 0.0 0.0078125 0.9805 (0.0)
standard and adapted CIELAB
LAB*LAB 2.52 5.0375 2.404
LAB*LABa 2.52 5.0375 2.404
LAB*TCHa 2.501 5.5375 2.5355

relative Inform. Technology (IT)
olv3* 0.5 0.00390625 0.00975 (1.0)
cmyn3* 0.5 0.00390625 0.99025 (0.0)
olv4* 1.0 0.00390625 0.00975 (1.0)
cmyn4* 0.0 0.00390625 0.99025 (0.0)
standard and adapted CIELAB
LAB*LAB 1.26 2.51875 1.202
LAB*LABa 1.26 2.51875 1.202
LAB*TCHa 1.2501 2.76875 1.26775

relative Inform. Technology (IT)
olv3* 0.5 0.001953125 0.004875 (1.0)
cmyn3* 0.5 0.001953125 0.995125 (0.0)
olv4* 1.0 0.001953125 0.004875 (1.0)
cmyn4* 0.0 0.001953125 0.995125 (0.0)
standard and adapted CIELAB
LAB*LAB 0.63 1.259375 0.601
LAB*LABa 0.63 1.259375 0.601
LAB*TCHa 0.6251 1.384375 0.633875

relative Inform. Technology (IT)
olv3* 0.5 0.0009765625 0.0024375 (1.0)
cmyn3* 0.5 0.0009765625 0.9975625 (0.0)
olv4* 1.0 0.0009765625 0.0024375 (1.0)
cmyn4* 0.0 0.0009765625 0.9975625 (0.0)
standard and adapted CIELAB
LAB*LAB 0.315 1.259375 0.601
LAB*LABa 0.315 1.259375 0.601
LAB*TCHa 0.31251 1.384375 0.633875

relative Inform. Technology (IT)
olv3* 0.25 0.25 0.25 (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 47.94 -0.01 0.01
LAB*LABa 47.94 0.0 0.0
LAB*TCHa 48.01 0.01 -

relative Inform. Technology (IT)
olv3* 0.25 0.125 0.169 (1.0)
cmyn3* 0.25 0.125 0.831 (0.0)
olv4* 1.0 0.75 0.831 (1.0)
cmyn4* 0.0 0.125 0.169 (0.0)
standard and adapted CIELAB
LAB*LAB 33.01 34.49 16.37
LAB*LABa 33.01 34.49 16.37
LAB*TCHa 30.01 37.74 24.7

relative Inform. Technology (IT)
olv3* 0.25 0.0625 0.156 (1.0)
cmyn3* 0.25 0.0625 0.844 (0.0)
olv4* 1.0 0.5 0.661 (1.0)
cmyn4* 0.0 0.125 0.508 (0.0)
standard and adapted CIELAB
LAB*LAB 20.16 40.31 19.21
LAB*LABa 20.16 40.31 19.21
LAB*TCHa 20.01 44.65 25.49

relative Inform. Technology (IT)
olv3* 0.25 0.03125 0.078 (1.0)
cmyn3* 0.25 0.03125 0.922 (0.0)
olv4* 1.0 0.25 0.492 (1.0)
cmyn4* 0.0 0.0625 0.844 (0.0)
standard and adapted CIELAB
LAB*LAB 10.08 20.15 9.61
LAB*LABa 10.08 20.15 9.61
LAB*TCHa 10.01 22.32 25.5

relative Inform. Technology (IT)
olv3* 0.25 0.015625 0.039 (1.0)
cmyn3* 0.25 0.015625 0.961 (0.0)
olv4* 1.0 0.015625 0.039 (1.0)
cmyn4* 0.0 0.015625 0.961 (0.0)
standard and adapted CIELAB
LAB*LAB 5.04 10.075 4.808
LAB*LABa 5.04 10.075 4.808
LAB*TCHa 5.01 11.075 5.071

relative Inform. Technology (IT)
olv3* 0.25 0.0078125 0.0195 (1.0)
cmyn3* 0.25 0.0078125 0.9805 (0.0)
olv4* 1.0 0.0078125 0.0195 (1.0)
cmyn4* 0.0 0.0078125 0.9805 (0.0)
standard and adapted CIELAB
LAB*LAB 2.52 5.0375 2.404
LAB*LABa 2.52 5.0375 2.404
LAB*TCHa 2.501 5.5375 2.5355

relative Inform. Technology (IT)
olv3* 0.25 0.00390625 0.00975 (1.0)
cmyn3* 0.25 0.00390625 0.99025 (0.0)
olv4* 1.0 0.00390625 0.00975 (1.0)
cmyn4* 0.0 0.00390625 0.99025 (0.0)
standard and adapted CIELAB
LAB*LAB 1.26 2.51875 1.202
LAB*LABa 1.26 2.51875 1.202
LAB*TCHa 1.2501 2.76875 1.26775

relative Inform. Technology (IT)
olv3* 0.25 0.001953125 0.004875 (1.0)
cmyn3* 0.25 0.001953125 0.995125 (0.0)
olv4* 1.0 0.001953125 0.004875 (1.0)
cmyn4* 0.0 0.001953125 0.995125 (0.0)
standard and adapted CIELAB
LAB*LAB 0.63 1.259375 0.601
LAB*LABa 0.63 1.259375 0.601
LAB*TCHa 0.6251 1.384375 0.633875

relative Inform. Technology (IT)
olv3* 0.25 0.0009765625 0.0024375 (1.0)
cmyn3* 0.25 0.0009765625 0.9975625 (0.0)
olv4* 1.0 0.0009765625 0.0024375 (1.0)
cmyn4* 0.0 0.0009765625 0.9975625 (0.0)
standard and adapted CIELAB
LAB*LAB 0.315 1.259375 0.601
LAB*LABa 0.315 1.259375 0.601
LAB*TCHa 0.31251 1.384375 0.633875

Input: Colorimetric Offset Reflective System ORS18

for hue $h^* = lab^*h = 92/360 = 0.255$

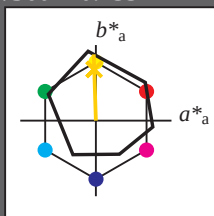
lab^*tch and lab^*nch

D65: hue J

LCH*Ma: 86 88 92

olv*Ma: 1.0 0.9 0.0

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 47.5
LAB*LABa 95.41 0.0 0.0
LAB*TCHa 99.99 0.01 -

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 34.44
LAB*LABa 76.06 0.0 0.0
LAB*TCHa 75.00 0.01 -

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 21.4
LAB*LABa 56.71 0.0 0.0
LAB*TCHa 50.00 0.01 -

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 37.36 -0.03 0.83
LAB*LABa 37.36 0.0 0.0
LAB*TCHa 25.00 0.01 -

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 18.02 0.03 0.47
LAB*LABa 18.02 0.0 0.0
LAB*TCHa 0.01 0.01 -

relative CIELAB lab*
lab*lab 0.0 0.0 0.0
lab*tch 0.0 0.0 0.0
lab*nch 1.0 0.0 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 18.02 0.03 0.47
LAB*LABa 18.02 0.0 0.0
LAB*TCHa 0.01 0.01 -

relative CIELAB lab*
lab*lab 0.0 0.0 0.0
lab*tch 0.0 0.0 0.0
lab*nch 1.0 0.0 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* 1.0 0.975 0.75 (1.0)
cmyn3* 0.0 0.025 0.25 (0.0)
olv4* 1.0 0.975 0.75 (1.0)
cmyn4* 0.0 0.025 0.25 (0.0)
standard and adapted CIELAB
LAB*LAB 93.11 -1.64 26.52
LAB*LABa 93.11 -0.7 21.92
LAB*TCHa 87.5 21.93 91.85

relative CIELAB lab*
lab*lab 0.97 -0.007 0.25
lab*tch 0.875 0.25 0.255
lab*nch 0.0 0.25 0.255
relative Natural Colour (NC)
lab*trj 0.97 0.0 0.25
lab*tce 0.875 0.25 0.25
lab*nce 0.0 0.25 0.06

relative Inform. Technology (IT)
olv3* 0.75 0.725 0.5 (1.0)
cmyn3* 0.25 0.275 0.5 (0.0)
olv4* 1.0 0.975 0.75 (1.0)
cmyn4* 0.0 0.025 0.25 (0.0)
standard and adapted CIELAB
LAB*LAB 73.75 -1.27 25.22
LAB*LABa 73.75 -0.69 21.92
LAB*TCHa 62.5 21.93 91.84

relative CIELAB lab*
lab*lab 0.75 0.025 0.25
lab*tch 0.625 0.25 0.255
lab*nch 0.0 0.25 0.255
relative Natural Colour (NC)
lab*trj 0.75 0.0 0.25
lab*tce 0.625 0.25 0.25
lab*nce 0.0 0.25 0.06

relative Inform. Technology (IT)
olv3* 0.5 0.475 0.25 (1.0)
cmyn3* 0.5 0.525 0.75 (0.0)
olv4* 1.0 0.975 0.75 (1.0)
cmyn4* 0.0 0.025 0.25 (0.0)
standard and adapted CIELAB
LAB*LAB 54.4 -0.89 23.91
LAB*LABa 54.4 -0.69 21.92
LAB*TCHa 37.5 21.93 91.84

relative CIELAB lab*
lab*lab 0.5 -0.007 0.25
lab*tch 0.475 0.25 0.255
lab*nch 0.0 0.25 0.255
relative Natural Colour (NC)
lab*trj 0.5 0.0 0.25
lab*tce 0.475 0.25 0.25
lab*nce 0.0 0.25 0.06

relative Inform. Technology (IT)
olv3* 0.25 0.451 0.0 (1.0)
cmyn3* 0.5 0.549 0.0 (0.0)
olv4* 1.0 0.951 0.5 (0.0)
cmyn4* 0.0 0.049 0.5 (0.0)
standard and adapted CIELAB
LAB*LAB 52.1 -1.39 43.84
LAB*LABa 52.1 -0.69 21.92
LAB*TCHa 25.01 43.86 91.84

relative CIELAB lab*
lab*lab 0.44 -0.015 0.5
lab*tch 0.25 0.5 0.255
lab*nch 0.0 0.25 0.255
relative Natural Colour (NC)
lab*trj 0.44 0.0 0.25
lab*tce 0.25 0.5 0.25
lab*nce 0.0 0.25 0.06

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 0.975 0.75 (1.0)
cmyn4* 0.0 0.025 0.25 (0.0)
standard and adapted CIELAB
LAB*LAB 35.06 -0.52 22.69
LAB*LABa 35.06 -0.69 21.91
LAB*TCHa 12.5 21.92 91.83

relative CIELAB lab*
lab*lab 0.22 -0.007 0.25
lab*tch 0.125 0.25 0.255
lab*nch 0.0 0.25 0.255
relative Natural Colour (NC)
lab*trj 0.22 0.0 0.25
lab*tce 0.125 0.25 0.25
lab*nce 0.0 0.25 0.06

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 18.02 0.03 0.47
LAB*LABa 18.02 0.0 0.0
LAB*TCHa 0.01 0.01 -

relative CIELAB lab*
lab*lab 0.0 0.0 0.0
lab*tch 0.0 0.0 0.0
lab*nch 1.0 0.0 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 0.926 0.25 (1.0)
cmyn3* 0.0 0.074 0.25 (0.0)
olv4* 1.0 0.926 0.25 (1.0)
cmyn4* 0.0 0.074 0.25 (0.0)
standard and adapted CIELAB
LAB*LAB 88.49 -2.96 70.05
LAB*LABa 88.49 -1.1 65.76
LAB*TCHa 62.5 65.79 91.84

relative CIELAB lab*
lab*lab 0.94 -0.015 0.5
lab*tch 0.75 0.5 0.255
lab*nch 0.0 0.5 0.255
relative Natural Colour (NC)
lab*trj 0.94 0.0 0.5
lab*tce 0.75 0.5 0.25
lab*nce 0.0 0.5 0.06

relative Inform. Technology (IT)
olv3* 0.75 0.675 0.0 (1.0)
cmyn3* 0.25 0.299 0.75 (0.0)
olv4* 1.0 0.951 0.5 (0.0)
cmyn4* 0.0 0.049 0.5 (0.0)
standard and adapted CIELAB
LAB*LAB 71.45 -1.92 46.98
LAB*LABa 71.45 -1.4 43.84
LAB*TCHa 50.0 43.87 91.84

relative CIELAB lab*
lab*lab 0.81 -0.031 0.999
lab*tch 0.5 0.5 0.255
lab*nch 0.0 0.5 0.255
relative Natural Colour (NC)
lab*trj 0.81 0.0 0.5
lab*tce 0.5 0.5 0.25
lab*nce 0.0 0.5 0.06

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 0.926 0.25 (1.0)
cmyn4* 0.0 0.074 0.25 (0.0)
standard and adapted CIELAB
LAB*LAB 69.14 -2.58 68.74
LAB*LABa 69.14 -2.1 65.76
LAB*TCHa 37.51 65.79 91.84

relative CIELAB lab*
lab*lab 0.661 -0.023 0.75
lab*tch 0.375 0.75 0.255
lab*nch 0.0 0.75 0.255
relative Natural Colour (NC)
lab*trj 0.661 0.0 0.75
lab*tce 0.375 0.75 0.25
lab*nce 0.0 0.75 0.06

relative Inform. Technology (IT)
olv3* 0.25 0.549 0.0 (1.0)
cmyn3* 0.5 0.549 0.0 (0.0)
olv4* 1.0 0.951 0.5 (0.0)
cmyn4* 0.0 0.049 0.5 (0.0)
standard and adapted CIELAB
LAB*LAB 52.1 -1.39 43.84
LAB*LABa 52.1 -0.69 21.92
LAB*TCHa 25.01 43.86 91.84

relative CIELAB lab*
lab*lab 0.44 -0.015 0.5
lab*tch 0.25 0.5 0.255
lab*nch 0.0 0.25 0.255
relative Natural Colour (NC)
lab*trj 0.44 0.0 0.25
lab*tce 0.25 0.5 0.25
lab*nce 0.0 0.25 0.06

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 0.975 0.75 (1.0)
cmyn4* 0.0 0.025 0.25 (0.0)
standard and adapted CIELAB
LAB*LAB 35.06 -0.52 22.69
LAB*LABa 35.06 -0.69 21.91
LAB*TCHa 12.5 21.92 91.83

relative CIELAB lab*
lab*lab 0.22 -0.007 0.25
lab*tch 0.125 0.25 0.255
lab*nch 0.0 0.25 0.255
relative Natural Colour (NC)
lab*trj 0.22 0.0 0.25
lab*tce 0.125 0.25 0.25
lab*nce 0.0 0.25 0.06

Output: Colorimetric Television Luminous System TLS00

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

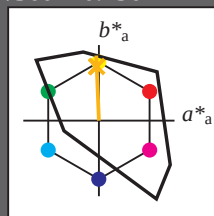
lab^*tch and lab^*nch

D65: hue J

LCH*Ma: 85 86 92

olv*Ma: 1.0 0.82 0.0

triangle lightness t^*



relative Inform. Technology (IT)
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*TCHa 99.99 0.01 -

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*TCHa 75.00 0.01 -

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*TCHa 50.00 0.01 -

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*TCHa 25.00 0.01 -

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 18.02 0.03 0.47
LAB*LABa 18.02 0.0 0.0
LAB*TCHa 0.01 0.01 -

relative CIELAB lab*
lab*lab 0.0 0.0 0.0
lab*tch 0.0 0.0 0.0
lab*nch 1.0 0.0 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 18.02 0.03 0.47
LAB*LABa 18.02 0.0 0.0
LAB*TCHa 0.01 0.01 -

relative CIELAB lab*
lab*lab 0.0 0.0 0.0
lab*tch 0.0 0.0 0.0
lab*nch 1.0 0.0 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* 1.0 0.956 0.75 (1.0)
cmyn3* 0.0 0.044 0.25 (0.0)
olv4* 1.0 0.956 0.75 (1.0)
cmyn4* 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 CIELAB lab*
lab*lab 0.973 -0.009 0.25
lab*tch 0.875 0.25 0.256
lab*nch 0.0 0.25 0.256
relative Natural Colour (NC)
lab*trj 0.973 0.0 0.25
lab*tce 0.875 0.25 0.25
lab*nce 0.0 0.25 0.06

relative Inform. Technology (IT)
olv3* 0.75 0.706 0.5 (1.0)
cmyn3* 0.25 0.294 0.5 (0.0)
olv4* 1.0 0.956 0.75 (1.0)
cmyn4* 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 CIELAB lab*
lab*lab 0.947 -0.019 0.5
lab*tch 0.75 0.5 0.256
lab*nch 0.0 0.5 0.256
relative Natural Colour (NC)
lab*trj 0.947 0.0 0.5
lab*tce 0.75 0.5 0.25
lab*nce 0.0 0.5 0.06

relative Inform. Technology (IT)
olv3* 0.5 0.456 0.25 (1.0)
cmyn3* 0.5 0.544 0.75 (0.0)
olv4* 1.0 0.956 0.75 (1.0)
cmyn4* 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 CIELAB lab*
lab*lab 0.937 -0.019 0.5
lab*tch 0.5 0.5 0.256
lab*nch 0.0 0.5 0.256
relative Natural Colour (NC)
lab*trj 0.937 0.0 0.5
lab*tce 0.5 0.5 0.25
lab*nce 0.0 0.5 0.06

relative Inform. Technology (IT)
olv3* 0.25 0.456 0.0 (1.0)
cmyn3* 0.5 0.544 0.75 (0.0)
olv4* 1.0 0.956 0.75 (1.0)
cmyn4* 0.0 0.044 0.25 (0.0)
standard and adapted CIELAB
LAB*LAB 23.87 0.0 0.0
LAB*LABa 23.87 0.0 0.0
LAB*TCHa 25.00 0.01 -

relative CIELAB lab*
lab*lab 0.473 -0.009 0.25
lab*tch 0.375 0.25 0.256
lab*nch 0.0 0.25 0.256
relative Natural Colour (NC)
lab*trj 0.473 0.0 0.25
lab*tce 0.375 0.25 0.25
lab*nce 0.0 0.25 0.06

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 18.02 0.03 0.47
LAB*LABa 18.02 0.0 0.0
LAB*TCHa

Input: Colorimetric Offset Reflective System ORS18

for hue $h^* = lab^*h = 164/360 = 0.457$

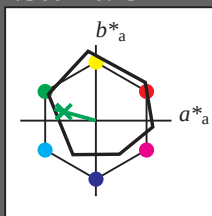
lab^*tch and lab^*nch

D65: hue G

LCH*Ma: 53 57 164

olv*Ma: 0.0 1.0 0.25

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)
olv4*	0.0	0.0	0.0	(0.0)
olv5*	1.0	1.0	1.0	(1.0)
olv6*	0.0	0.0	0.0	(0.0)
olv7*	1.0	1.0	1.0	(1.0)
olv8*	0.0	0.0	0.0	(0.0)
olv9*	1.0	1.0	1.0	(1.0)
olv10*	0.0	0.0	0.0	(0.0)
olv11*	1.0	1.0	1.0	(1.0)
olv12*	0.0	0.0	0.0	(0.0)
olv13*	1.0	1.0	1.0	(1.0)
olv14*	0.0	0.0	0.0	(0.0)
olv15*	1.0	1.0	1.0	(1.0)
olv16*	0.0	0.0	0.0	(0.0)
olv17*	1.0	1.0	1.0	(1.0)
olv18*	0.0	0.0	0.0	(0.0)
olv19*	1.0	1.0	1.0	(1.0)
olv20*	0.0	0.0	0.0	(0.0)
olv21*	1.0	1.0	1.0	(1.0)
olv22*	0.0	0.0	0.0	(0.0)
olv23*	1.0	1.0	1.0	(1.0)
olv24*	0.0	0.0	0.0	(0.0)
olv25*	1.0	1.0	1.0	(1.0)
olv26*	0.0	0.0	0.0	(0.0)
olv27*	1.0	1.0	1.0	(1.0)
olv28*	0.0	0.0	0.0	(0.0)
olv29*	1.0	1.0	1.0	(1.0)
olv30*	0.0	0.0	0.0	(0.0)
olv31*	1.0	1.0	1.0	(1.0)
olv32*	0.0	0.0	0.0	(0.0)
olv33*	1.0	1.0	1.0	(1.0)
olv34*	0.0	0.0	0.0	(0.0)
olv35*	1.0	1.0	1.0	(1.0)
olv36*	0.0	0.0	0.0	(0.0)
olv37*	1.0	1.0	1.0	(1.0)
olv38*	0.0	0.0	0.0	(0.0)
olv39*	1.0	1.0	1.0	(1.0)
olv40*	0.0	0.0	0.0	(0.0)
olv41*	1.0	1.0	1.0	(1.0)
olv42*	0.0	0.0	0.0	(0.0)
olv43*	1.0	1.0	1.0	(1.0)
olv44*	0.0	0.0	0.0	(0.0)
olv45*	1.0	1.0	1.0	(1.0)
olv46*	0.0	0.0	0.0	(0.0)
olv47*	1.0	1.0	1.0	(1.0)
olv48*	0.0	0.0	0.0	(0.0)
olv49*	1.0	1.0	1.0	(1.0)
olv50*	0.0	0.0	0.0	(0.0)
olv51*	1.0	1.0	1.0	(1.0)
olv52*	0.0	0.0	0.0	(0.0)
olv53*	1.0	1.0	1.0	(1.0)
olv54*	0.0	0.0	0.0	(0.0)
olv55*	1.0	1.0	1.0	(1.0)
olv56*	0.0	0.0	0.0	(0.0)
olv57*	1.0	1.0	1.0	(1.0)
olv58*	0.0	0.0	0.0	(0.0)
olv59*	1.0	1.0	1.0	(1.0)
olv60*	0.0	0.0	0.0	(0.0)
olv61*	1.0	1.0	1.0	(1.0)
olv62*	0.0	0.0	0.0	(0.0)
olv63*	1.0	1.0	1.0	(1.0)
olv64*	0.0	0.0	0.0	(0.0)
olv65*	1.0	1.0	1.0	(1.0)
olv66*	0.0	0.0	0.0	(0.0)
olv67*	1.0	1.0	1.0	(1.0)
olv68*	0.0	0.0	0.0	(0.0)
olv69*	1.0	1.0	1.0	(1.0)
olv70*	0.0	0.0	0.0	(0.0)
olv71*	1.0	1.0	1.0	(1.0)
olv72*	0.0	0.0	0.0	(0.0)
olv73*	1.0	1.0	1.0	(1.0)
olv74*	0.0	0.0	0.0	(0.0)
olv75*	1.0	1.0	1.0	(1.0)
olv76*	0.0	0.0	0.0	(0.0)
olv77*	1.0	1.0	1.0	(1.0)
olv78*	0.0	0.0	0.0	(0.0)
olv79*	1.0	1.0	1.0	(1.0)
olv80*	0.0	0.0	0.0	(0.0)
olv81*	1.0	1.0	1.0	(1.0)
olv82*	0.0	0.0	0.0	(0.0)
olv83*	1.0	1.0	1.0	(1.0)
olv84*	0.0	0.0	0.0	(0.0)
olv85*	1.0	1.0	1.0	(1.0)
olv86*	0.0	0.0	0.0	(0.0)
olv87*	1.0	1.0	1.0	(1.0)
olv88*	0.0	0.0	0.0	(0.0)
olv89*	1.0	1.0	1.0	(1.0)
olv90*	0.0	0.0	0.0	(0.0)
olv91*	1.0	1.0	1.0	(1.0)
olv92*	0.0	0.0	0.0	(0.0)
olv93*	1.0	1.0	1.0	(1.0)
olv94*	0.0	0.0	0.0	(0.0)
olv95*	1.0	1.0	1.0	(1.0)
olv96*	0.0	0.0	0.0	(0.0)
olv97*	1.0	1.0	1.0	(1.0)
olv98*	0.0	0.0	0.0	(0.0)
olv99*	1.0	1.0	1.0	(1.0)
olv100*	0.0	0.0	0.0	(0.0)

relative Inform. Technology (IT)

olv3*	0.75	1.0	0.812	(1.0)
olv4*	0.25	0.0	0.188	(0.0)
olv5*	0.75	1.0	0.812	(1.0)
olv6*	0.25	0.0	0.188	(0.0)
olv7*	0.75	1.0	0.812	(1.0)
olv8*	0.25	0.0	0.188	(0.0)
olv9*	0.75	1.0	0.812	(1.0)
olv10*	0.25	0.0	0.188	(0.0)
olv11*	0.75	1.0	0.812	(1.0)
olv12*	0.25	0.0	0.188	(0.0)
olv13*	0.75	1.0	0.812	(1.0)
olv14*	0.25	0.0	0.188	(0.0)
olv15*	0.75	1.0	0.812	(1.0)
olv16*	0.25	0.0	0.188	(0.0)
olv17*	0.75	1.0	0.812	(1.0)
olv18*	0.25	0.0	0.188	(0.0)
olv19*	0.75	1.0	0.812	(1.0)
olv20*	0.25	0.0	0.188	(0.0)
olv21*	0.75	1.0	0.812	(1.0)
olv22*	0.25	0.0	0.188	(0.0)
olv23*	0.75	1.0	0.812	(1.0)
olv24*	0.25	0.0	0.188	(0.0)
olv25*	0.75	1.0	0.812	(1.0)
olv26*	0.25	0.0	0.188	(0.0)
olv27*	0.75	1.0	0.812	(1.0)
olv28*	0.25	0.0	0.188	(0.0)
olv29*	0.75	1.0	0.812	(1.0)
olv30*	0.25	0.0	0.188	(0.0)
olv31*	0.75	1.0	0.812	(1.0)
olv32*	0.25	0.0	0.188	(0.0)
olv33*	0.75	1.0	0.812	(1.0)
olv34*	0.25	0.0	0.188	(0.0)
olv35*	0.75	1.0	0.812	(1.0)
olv36*	0.25	0.0	0.188	(0.0)
olv37*	0.75	1.0	0.812	(1.0)
olv38*	0.25	0.0	0.188	(0.0)
olv39*	0.75	1.0	0.812	(1.0)
olv40*	0.25	0.0	0.188	(0.0)
olv41*	0.75	1.0	0.812	(1.0)
olv42*	0.25	0.0	0.188	(0.0)
olv43*	0.75	1.0	0.812	(1.0)
olv44*	0.25	0.0	0.188	(0.0)
olv45*	0.75	1.0	0.812	(1.0)
olv46*	0.25	0.0	0.188	(0.0)
olv47*	0.75	1.0	0.812	(1.0)
olv48*	0.25	0.0	0.188	(0.0)
olv49*	0.75	1.0	0.812	(1.0)
olv50*	0.25	0.0	0.188	(0.0)
olv51*	0.75	1.0	0.812	(1.0)
olv52*	0.25	0.0	0.188	(0.0)
olv53*	0.75	1.0	0.812	(1.0)
olv54*	0.25	0.0	0.188	(0.0)
olv55*	0.75	1.0	0.812	(1.0)
olv56*	0.25	0.0	0.188	(0.0)
olv57*	0.75	1.0	0.812	(1.0)
olv58*	0.25	0.0	0.188	(0.0)
olv59*	0.75	1.0	0.812	(1.0)
olv60*	0.25	0.0	0.188	(0.0)
olv61*	0.75	1.0	0.812	(1.0)
olv62*	0.25	0.0	0.188	(0.0)
olv63*	0.75	1.0	0.812	(1.0)
olv64*	0.25	0.0	0.188	(0.0)
olv65*	0.75	1.0	0.812	(1.0)
olv66*	0.25	0.0	0.188	(0.0)
olv67*	0.75	1.0	0.812	(1.0)
olv68*	0.25	0.0	0.188	(0.0)
olv69*	0.75	1.0	0.812	(1.0)
olv70*	0.25	0.0	0.188	(0.0)
olv71*	0.75	1.0	0.812	(1.0)
olv72*	0.25	0.0	0.188	(0.0)
olv73*	0.75	1.0	0.812	(1.0)
olv74*	0.25	0.0	0.188	(0.0)
olv75*	0.75	1.0	0.812	(1.0)
olv76*	0.25	0.0	0.188	(0.0)
olv77*	0.75	1.0	0.812	(1.0)
olv78*	0.25	0.0	0.188	(0.0)
olv79*	0.75	1.0	0.812	(1.0)
olv80*	0.25	0.0	0.188	(0.0)
olv81*	0.75	1.0	0.812	(1.0)
olv82*	0.25	0.0	0.188	(0.0)
olv83*	0.75	1.0	0.812	(1.0)
olv84*	0.25	0.0	0.188	(0.0)
olv85*	0.75	1.0	0.812	(1.0)
olv86*	0.25	0.0	0.188	(0.0)
olv87*	0.75	1.0	0.812	(1.0)
olv88*	0.25	0.0	0.188	(0.0)
olv89*	0.75	1.0	0.812	(1.0)
olv90*	0.25	0.0	0.188	(0.0)
olv91*	0.75	1.0	0.812	(1.0)
olv92*	0.25	0.0	0.188	(0.0)
olv93*	0.75	1.0	0.812	(1.0)
olv94*	0.25	0.0	0.188	(0.0)
olv95*	0.75	1.0	0.812	(1.0)
olv96*	0.25	0.0	0.188	(0.0)
olv97*	0.75	1.0	0.812	(1.0)
olv98*	0.25	0.0	0.188	(0.0)
olv99*	0.75	1.0	0.812	(1.0)
olv100*	0.25	0.0	0.188	(0.0)

LAB*ICHd	8/5	14.22	164.46
relative CIELAB lab*			
lab*lab	0.862	-0.24	0.067
lab*tch	0.875	0.25	0.457
lab*nch	0.0	0.25	0.457
relative Natural Colour (NC)			
lab*lrj	0.862	-0.249	0.0
lab*tce	0.875	0.25	0.5
lab*nCe	0.0	0.25	g00b

Input: Colorimetric Offset Reflective System ORS18

for hue $h^* = lab^*h = 271/360 = 0.754$

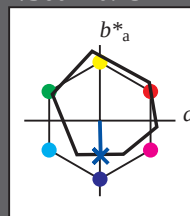
lab^*tch and lab^*nch

D65: hue B

LCH*Ma: 42 45 271

olv*Ma: 0.0 0.49 1.0

triangle lightness t^*



% Gamut

$u^*_{rel} = 93$

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

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

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

Output: Colorimetric Television Luminous System TLS00

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

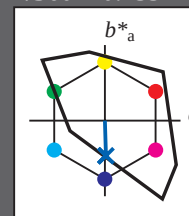
lab^*tch and lab^*nch

D65: hue B

LCH*Ma: 65 49 272

olv*Ma: 0.0 0.61 1.0

triangle lightness t^*



% Gamut

$u^*_{rel} = 158$

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

% Regularity

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

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

relative Inform. Technology (IT)				
olv3*	0.75	0.75	0.75	(1.0)
olv4*	0.75	0.75	0.75	(1.0)
olv5*	0.75	0.75	0.75	(1.0)
olv6*	0.75	0.75	0.75	(1.0)
olv7*	0.75	0.75	0.75	(1.0)
olv8*	0.75	0.75	0.75	(1.0)
olv9*	0.75	0.75	0.75	(1.0)
olv10*	0.75	0.75	0.75	(1.0)
olv11*	0.75	0.75	0.75	(1.0)
olv12*	0.75	0.75	0.75	(1.0)
olv13*	0.75	0.75	0.75	(1.0)
olv14*	0.75	0.75	0.75	(1.0)
olv15*	0.75	0.75	0.75	(1.0)
olv16*	0.75	0.75	0.75	(1.0)
olv17*	0.75	0.75	0.75	(1.0)
olv18*	0.75	0.75	0.75	(1.0)
olv19*	0.75	0.75	0.75	(1.0)
olv20*	0.75	0.75	0.75	(1.0)
olv21*	0.75	0.75	0.75	(1.0)
olv22*	0.75	0.75	0.75	(1.0)
olv23*	0.75	0.75	0.75	(1.0)
olv24*	0.75	0.75	0.75	(1.0)
olv25*	0.75	0.75	0.75	(1.0)
olv26*	0.75	0.75	0.75	(1.0)
olv27*	0.75	0.75	0.75	(1.0)
olv28*	0.75	0.75	0.75	(1.0)
olv29*	0.75	0.75	0.75	(1.0)
olv30*	0.75	0.75	0.75	(1.0)
olv31*	0.75	0.75	0.75	(1.0)
olv32*	0.75	0.75	0.75	(1.0)
olv33*	0.75	0.75	0.75	(1.0)
olv34*	0.75	0.75	0.75	(1.0)
olv35*	0.75	0.75	0.75	(1.0)
olv36*	0.75	0.75	0.75	(1.0)
olv37*	0.75	0.75	0.75	(1.0)
olv38*	0.75	0.75	0.75	(1.0)
olv39*	0.75	0.75	0.75	(1.0)
olv40*	0.75	0.75	0.75	(1.0)
olv41*	0.75	0.75	0.75	(1.0)
olv42*	0.75	0.75	0.75	(1.0)
olv43*	0.75	0.75	0.75	(1.0)
olv44*	0.75	0.75	0.75	(1.0)
olv45*	0.75	0.75	0.75	(1.0)
olv46*	0.75	0.75	0.75	(1.0)
olv47*	0.75	0.75	0.75	(1.0)
olv48*	0.75	0.75	0.75	(1.0)
olv49*	0.75	0.75	0.75	(1.0)
olv50*	0.75	0.75	0.75	(1.0)
olv51*	0.75	0.75	0.75	(1.0)
olv52*	0.75	0.75	0.75	(1.0)
olv53*	0.75	0.75	0.75	(1.0)
olv54*	0.75	0.75	0.75	(1.0)
olv55*	0.75	0.75	0.75	(1.0)
olv56*	0.75	0.75	0.75	(1.0)
olv57*	0.75	0.75	0.75	(1.0)
olv58*	0.75	0.75	0.75	(1.0)
olv59*	0.75	0.75	0.75	(1.0)
olv60*	0.75	0.75	0.75	(1.0)
olv61*	0.75	0.75	0.75	(1.0)
olv62*	0.75	0.75	0.75	(1.0)
olv63*	0.75	0.75	0.75	(1.0)
olv64*	0.75	0.75	0.75	(1.0)
olv65*	0.75	0.75	0.75	(1.0)
olv66*	0.75	0.75	0.75	(1.0)
olv67*	0.75	0.75	0.75	(1.0)
olv68*	0.75	0.75	0.75	(1.0)
olv69*	0.75	0.75	0.75	(1.0)
olv70*	0.75	0.75	0.75	(1.0)
olv71*	0.75	0.75	0.75	(1.0)
olv72*	0.75	0.75	0.75	(1.0)
olv73*	0.75	0.75	0.75	(1.0)
olv74*	0.75	0.75	0.75	(1.0)
olv75*	0.75	0.75	0.75	(1.0)
olv76*	0.75	0.75	0.75	(1.0)
olv77*	0.75	0.75	0.75	(1.0)
olv78*	0.75	0.75	0.75	(1.0)
olv79*	0.75	0.75	0.75	(1.0)
olv80*	0.75	0.75	0.75	(1.0)
olv81*	0.75	0.75	0.75	(1.0)
olv82*	0.75	0.75	0.75	(1.0)
olv83*	0.75	0.75	0.75	(1.0)
olv84*	0.75	0.75	0.75	(1.0)
olv85*	0.75	0.75	0.75	(1.0)
olv86*	0.75	0.75	0.75	(1.0)
olv87*	0.75	0.75	0.75	(1.0)
olv88*	0.75	0.75	0.75	(1.0)
olv89*	0.75	0.75	0.75	(1.0)
olv90*	0.75	0.75	0.75	(1.0)
olv91*	0.75	0.75	0.75	(1.0)
olv92*	0.75	0.75	0.75	(1.0)
olv93*	0.75	0.75	0.75	(1.0)
olv94*	0.75	0.75	0.75	(1.0)
olv95*	0.75	0.75	0.75	(1.0)
olv96*	0.75	0.75	0.75	(1.0)
olv97*	0.75	0.75	0.75	(1.0)
olv98*	0.75	0.75	0.75	(1.0)
olv99*	0.75	0.75	0.75	(1.0)
olv100*	0.75	0.75	0.75	(1.0)

relative Inform. Technology (IT)				
olv3*	0.75	0.75	0.75	(1.0)
olv4*	0.75	0.75	0.75	(1.0)
olv5*	0.75	0.75	0.75	(1.0)
olv6*	0.75	0.75	0.75	(1.0)
olv7*	0.75	0.75	0.75	(1.0)
olv8*	0.75	0.75	0.75	(1.0)
olv9*	0.75	0.75	0.75	(1.0)
olv10*	0.75	0.75	0.75	(1.0)
olv11*	0.75	0.75	0.75	(1.0)
olv12*	0.75	0.75	0.75	(1.0)
olv13*	0.75	0.75	0.75	(1.0)
olv14*	0.75	0.75	0.75	(1.0)
olv15*	0.75	0.75	0.75	(1.0)
olv16*	0.75	0.75	0.75	(1.0)
olv17*	0.75	0.75	0.75	(1.0)
olv18*	0.75	0.75	0.75	(1.0)
olv19*	0.75	0.75	0.75	(1.0)
olv20*	0.75	0.75	0.75	(1.0)
olv21*	0.75	0.75	0.75	(1.0)
olv22*	0.75	0.75	0.75	(1.0)
olv23*	0.75	0.75	0.75	(1.0)
olv24*	0.75	0.75	0.75	(1.0)
olv25*	0.75	0.75	0.75	(1.0)
olv26*	0.75	0.75	0.75	(1.0)
olv27*	0.75	0.75	0.75	(1.0)
olv28*	0.75	0.75	0.75	(1.0)
olv29*	0.75	0.75	0.75	(1.0)
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olv33*	0.75	0.75	0.75	(1.0)
olv34*	0.75	0.75	0.75	(1.0)
olv35*	0.75	0.75	0.75	(1.0)
olv36*	0.75	0.75	0.75	(1.0)
olv37*	0.75	0.75	0.75	(1.0)
olv38*	0.75	0.75	0.75	(1.0)
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olv40*	0.75	0.75	0.75	(1.0)
olv41*	0.75	0.75	0.75	(1.0)
olv42*	0.75	0.75	0.75	(1.0)
olv43*	0.75	0.75	0.75	(1.0)
olv44*	0.75	0.75	0.75	(1.0)
olv45*	0.75	0.75	0.75	(1.0)
olv46*	0.75	0.75	0.75	(1.0)
olv47*	0.75	0.75	0.75	(1.0)
olv48*	0.75	0.75	0.75	(1.0)
olv49*	0.75	0.75	0.75	(1.0)
olv50*	0.75	0.75	0.75	(1.0)
olv51*	0.75	0.75	0.75	(1.0)
olv52*	0.75	0.75	0.75	(1.0)
olv53*	0.75	0.75	0.75	(1.0)
olv54*	0.75	0.75	0.75	(1.0)
olv55*	0.75	0.75	0.75	(1.0)
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olv57*	0.75	0.75	0.75	(1.0)
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olv59*	0.75	0.75	0.75	(1.0)
olv60*	0.75	0.75	0.75	(1.0)
olv61*	0.75	0.75	0.75	(1.0)
olv62*	0.75	0.75	0.75	(1.0)
olv63*	0.75	0.75	0.75	(1.0)
olv64*	0.75	0.75	0.75	(1.0)
olv65*	0.75	0.75	0.75	(1.0)
olv66*	0.75	0.75	0.75	(1.0)
olv67*	0.75	0.75	0.75	(1.0)
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olv69*	0.75	0.75	0.75	(1.0)
olv70*	0.75	0.75	0.75	(1.0)
olv71*	0.75	0.75	0.75	(1.0)
olv72*	0.75	0.75	0.75	(1.0)
olv73*	0.75	0.75	0.75	(1.0)
olv74*	0.75	0.75	0.75	(1.0)
olv75*	0.75	0.75	0.75	(1.0)
olv76*	0.75	0.75	0.75	(1.0)
olv77*	0.75	0.75	0.75	(1.0)
olv78*	0.75	0.75	0.75	(1.0)
olv79*	0.75	0.75	0.75	(1.0)
olv80*	0.75	0.75	0.75	(1.0)
olv81*	0.75	0.75	0.75	(1.0)
olv82*	0.75	0.75	0.75	(1.0)
olv83*	0.75	0.75	0.75	(1.0)
olv84*	0.75	0.75	0.75	(1.0)
olv85*	0.75	0.75	0.75	(1.0)
olv86*	0.75	0.75	0.75	(1.0)
olv87*	0.75	0.75	0.75	(1.0)
olv88*	0.75	0.75	0.75	(1.0)
olv89*	0.75	0.75	0.75	(1.0)
olv90*	0.75	0.75	0.75	(1.0)
olv91*	0.75	0.75	0.75	(1.0)
olv92*	0.75	0.75	0.75	(1.0)
olv93*	0.75	0.75	0.75	(1.0)
olv94*	0.75	0.75	0.75	(1.0)
olv95*	0.75	0.75	0.75	(1.0)</