

Input: Colorimetric Offset Reflective System ORS18

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

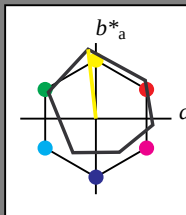
lab^*tch and lab^*nch

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 0.984 -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* 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 -3.12 45.87
LAB*TCHa 75.00 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 0.268
lab*nce 0.0 0.5 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 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 0.734 -0.027 0.248
lab*tch 0.625 0.25 0.268
lab*nch 0.0 0.25 0.268
relative Natural Colour (NC)
lab*trj 0.734 -0.024 0.249
lab*tce 0.625 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 73.54 -5.69 49.16
LAB*LABa 73.54 -3.12 45.88
LAB*TCHa 50.00 46.15 96.38

relative CIELAB lab*
lab*lab 0.951 -0.082 0.745
lab*tch 0.625 0.75 0.268
lab*nch 0.0 0.75 0.268
relative Natural Colour (NC)
lab*trj 0.951 -0.073 0.746
lab*tce 0.625 0.75 0.268
lab*nce 0.0 0.75 0.268

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 90.36 -11.15 96.15
LAB*LABa 90.36 -10.25 91.73
LAB*TCHa 50.00 92.3 96.38

relative CIELAB lab*
lab*lab 0.935 -0.111 0.994
lab*tch 0.5 0.5 0.268
lab*nch 0.0 0.5 0.268
relative Natural Colour (NC)
lab*trj 0.935 -0.097 0.995
lab*tce 0.5 0.5 0.268
lab*nce 0.0 0.5 0.268

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 -0.36 0.63
LAB*LABa 37.36 0.0 0.0
LAB*TCHa 25.00 0.01 -

relative CIELAB lab*
lab*lab 0.484 -0.082 0.745
lab*tch 0.375 0.25 0.268
lab*nch 0.0 0.25 0.268
relative Natural Colour (NC)
lab*trj 0.484 -0.024 0.249
lab*tce 0.375 0.25 0.268
lab*nce 0.0 0.25 0.268

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olv3* 0.75 0.75 0.75 (1.0)
cmyn3* 0.25 0.25 0.25 (0.0)
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cmyn4* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 54.19 -5.12 45.87
LAB*LABa 54.19 -3.12 45.87
LAB*TCHa 25.00 46.15 96.38

relative CIELAB lab*
lab*lab 0.701 -0.082 0.745
lab*tch 0.375 0.75 0.268
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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 0.5 0.0 (0.0)
lab*tch 0.5 0.5 0.0 (0.0)
lab*nch 0.0 0.5 0.0 (0.0)
relative Natural Colour (NC)
lab*trj 0.5 0.5 0.0 (0.0)
lab*tce 0.5 0.5 0.0 (0.0)
lab*nce 0.0 0.5 0.0 (0.0)

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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)
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LAB*TCHa 25.00 0.01 -

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LAB*LAB 47.72 0.0 0.0
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lab*lab 0.5 0.5 0.0 (0.0)
lab*tch 0.5 0.5 0.0 (0.0)
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relative Natural Colour (NC)
lab*trj 0.5 0.5 0.0 (0.0)
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OE500-7, 5 step scales for constant CIELAB hue 96/360 = 0.268 (left)

5 step scales for constant CIELAB hue 103/360 = 0.286 (right)

BAM-test chart OE50; Colorimetric systems ORS18 & ORS15

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

input: $cmY^*0^* setcmykcolor$

output: Startup (S) data dependend

output: *Startup (S)* data dependend

Input: Colorimetric Offset Reflective System ORS18

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

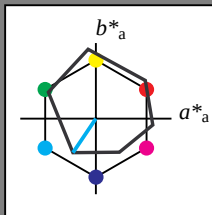
lab^*tch and lab^*nch

D65: hue C

LCH*Ma: 59 54 236

olv*Ma: 0.0 1.0 1.0

triangle lightness t^*



ORS18; adapted (a) CIELAB data

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

%Regularity

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

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

relative Inform. Technology (IT)
olv3* 1.0 1.0 1.0 (1.0)
cmyn3* 0.0 0.0 0.0 (0.0)
olv4* 1.0 1.0 1.0 (1.0)
cmyn4* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 95.41 -0.98 4.75
LAB*Lab 95.41 0.0 0.0
LAB*Lab 95.41 0.0 0.0
LAB*Lab 95.41 0.0 0.0

relative Inform. Technology (IT)
olv3* 0.75 1.0 1.0 (1.0)
cmyn3* 0.25 0.0 0.0 (0.0)
olv4* 0.75 1.0 1.0 (1.0)
cmyn4* 0.25 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 86.21 -7.57 -11.24
LAB*Lab 86.21 -7.57 -11.24
LAB*Lab 86.21 -7.57 -11.24
LAB*Lab 86.21 -7.57 -11.24

relative Inform. Technology (IT)
olv3* 0.5 1.0 1.0 (1.0)
cmyn3* 0.5 0.0 0.0 (0.0)
olv4* 0.5 1.0 1.0 (1.0)
cmyn4* 0.5 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 77.01 -15.8 -19.98
LAB*Lab 77.01 -15.8 -19.98
LAB*Lab 77.01 -15.8 -19.98
LAB*Lab 77.01 -15.8 -19.98

relative Inform. Technology (IT)
olv3* 0.25 1.0 1.0 (1.0)
cmyn3* 0.25 0.0 0.0 (0.0)
olv4* 0.25 1.0 1.0 (1.0)
cmyn4* 0.25 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 67.81 -23.21 -30.86
LAB*Lab 67.81 -23.21 -30.86
LAB*Lab 67.81 -23.21 -30.86
LAB*Lab 67.81 -23.21 -30.86

relative Inform. Technology (IT)
olv3* 0.0 1.0 1.0 (1.0)
cmyn3* 0.0 0.0 0.0 (0.0)
olv4* 0.0 1.0 1.0 (1.0)
cmyn4* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 57.61 -31.6 -20.29
LAB*Lab 57.61 -31.6 -20.29
LAB*Lab 57.61 -31.6 -20.29
LAB*Lab 57.61 -31.6 -20.29

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*Lab 76.06 0.0 0.0
LAB*Lab 76.06 0.0 0.0
LAB*Lab 76.06 0.0 0.0

relative Inform. Technology (IT)
olv3* 0.5 0.75 0.75 (1.0)
cmyn3* 0.5 0.25 0.25 (0.0)
olv4* 0.5 1.0 1.0 (1.0)
cmyn4* 0.5 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 66.86 -8.02 -8.42
LAB*Lab 66.86 -8.02 -8.42
LAB*Lab 66.86 -8.02 -8.42
LAB*Lab 66.86 -8.02 -8.42

relative Inform. Technology (IT)
olv3* 0.25 0.75 0.75 (1.0)
cmyn3* 0.25 0.25 0.25 (0.0)
olv4* 0.25 1.0 1.0 (1.0)
cmyn4* 0.25 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 56.71 -15.16 -22.5
LAB*Lab 56.71 -15.16 -22.5
LAB*Lab 56.71 -15.16 -22.5
LAB*Lab 56.71 -15.16 -22.5

relative Inform. Technology (IT)
olv3* 0.0 0.75 0.75 (1.0)
cmyn3* 0.0 0.25 0.25 (0.0)
olv4* 0.0 1.0 1.0 (1.0)
cmyn4* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 46.81 -22.83 -32.17
LAB*Lab 46.81 -22.83 -32.17
LAB*Lab 46.81 -22.83 -32.17
LAB*Lab 46.81 -22.83 -32.17

relative Inform. Technology (IT)
olv3* 0.75 0.5 0.5 (1.0)
cmyn3* 0.25 0.5 0.5 (0.0)
olv4* 0.75 1.0 1.0 (1.0)
cmyn4* 0.25 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 47.72 0.0 0.0
LAB*Lab 47.72 0.0 0.0
LAB*Lab 47.72 0.0 0.0
LAB*Lab 47.72 0.0 0.0

relative Inform. Technology (IT)
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*Lab 56.71 0.0 0.0
LAB*Lab 56.71 0.0 0.0
LAB*Lab 56.71 0.0 0.0

relative Inform. Technology (IT)
olv3* 0.25 0.5 0.5 (1.0)
cmyn3* 0.25 0.25 0.25 (0.0)
olv4* 0.25 1.0 1.0 (1.0)
cmyn4* 0.25 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 47.51 -7.64 -9.72
LAB*Lab 47.51 -7.64 -9.72
LAB*Lab 47.51 -7.64 -9.72
LAB*Lab 47.51 -7.64 -9.72

relative Inform. Technology (IT)
olv3* 0.0 0.5 0.5 (1.0)
cmyn3* 0.0 0.25 0.25 (0.0)
olv4* 0.0 1.0 1.0 (1.0)
cmyn4* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 37.51 -40.72 23.62
LAB*Lab 37.51 -40.72 23.62
LAB*Lab 37.51 -40.72 23.62
LAB*Lab 37.51 -40.72 23.62

relative Inform. Technology (IT)
olv3* 0.75 0.25 0.25 (1.0)
cmyn3* 0.75 0.25 0.25 (0.0)
olv4* 0.75 1.0 1.0 (1.0)
cmyn4* 0.75 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 28.17 -7.57 -11.24
LAB*Lab 28.17 -7.57 -11.24
LAB*Lab 28.17 -7.57 -11.24
LAB*Lab 28.17 -7.57 -11.24

relative Inform. Technology (IT)
olv3* 0.5 0.25 0.25 (1.0)
cmyn3* 0.5 0.25 0.25 (0.0)
olv4* 0.5 1.0 1.0 (1.0)
cmyn4* 0.5 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 21.73 -11.53 -3.38
LAB*Lab 21.73 -11.53 -3.38
LAB*Lab 21.73 -11.53 -3.38
LAB*Lab 21.73 -11.53 -3.38

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 56.71 -0.24 2.14
LAB*Lab 56.71 0.0 0.0
LAB*Lab 56.71 0.0 0.0
LAB*Lab 56.71 0.0 0.0

relative Inform. Technology (IT)
olv3* 0.0 0.25 0.25 (1.0)
cmyn3* 0.0 0.25 0.25 (0.0)
olv4* 0.0 1.0 1.0 (1.0)
cmyn4* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 37.51 -40.72 23.62
LAB*Lab 37.51 -40.72 23.62
LAB*Lab 37.51 -40.72 23.62
LAB*Lab 37.51 -40.72 23.62

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

relative Inform. Technology (IT)
olv3* 0.5 0.0 0.0 (1.0)
cmyn3* 0.5 0.0 0.0 (0.0)
olv4* 0.5 1.0 1.0 (1.0)
cmyn4* 0.5 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 18.02 0.0 0.0
LAB*Lab 18.02 0.0 0.0
LAB*Lab 18.02 0.0 0.0
LAB*Lab 18.02 0.0 0.0

relative Inform. Technology (IT)
olv3* 0.25 0.0 0.0 (1.0)
cmyn3* 0.25 0.0 0.0 (0.0)
olv4* 0.25 1.0 1.0 (1.0)
cmyn4* 0.25 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 9.03 0.0 0.0
LAB*Lab 9.03 0.0 0.0
LAB*Lab 9.03 0.0 0.0
LAB*Lab 9.03 0.0 0.0

relative Inform. Technology (IT)
olv3* 0.0 0.0 0.0 (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 18.02 0.0 0.0
LAB*Lab 18.02 0.0 0.0
LAB*Lab 18.02 0.0 0.0
LAB*Lab 18.02 0.0 0.0

relative Inform. Technology (IT)
olv3* 0.0 0.0 0.0 (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 9.03 0.0 0.0
LAB*Lab 9.03 0.0 0.0
LAB*Lab 9.03 0.0 0.0
LAB*Lab 9.03 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* 0.75 1.0 1.0 (1.0)
cmyn4* 0.25 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 21.73 -11.53 -3.38
LAB*Lab 21.73 -11.53 -3.38
LAB*Lab 21.73 -11.53 -3.38
LAB*Lab 21.73 -11.53 -3.38

relative Inform. Technology (IT)
olv3* 0.5 0.5 0.5 (1.0)
cmyn3* 0.5 0.5 0.5 (0.0)
olv4* 0.5 1.0 1.0 (1.0)
cmyn4* 0.5 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 18.02 0.0 0.0
LAB*Lab 18.02 0.0 0.0
LAB*Lab 18.02 0.0 0.0
LAB*Lab 18.02 0.0 0.0

relative Inform. Technology (IT)
olv3* 0.25 0.5 0.5 (1.0)
cmyn3* 0.25 0.5 0.5 (0.0)
olv4* 0.25 1.0 1.0 (1.0)
cmyn4* 0.25 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 9.03 0.0 0.0
LAB*Lab 9.03 0.0 0.0
LAB*Lab 9.03 0.0 0.0
LAB*Lab 9.03 0.0 0.0

relative Inform. Technology (IT)
olv3* 0.0 0.5 0.5 (1.0)
cmyn3* 0.0 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 18.02 0.0 0.0
LAB*Lab 18.02 0.0 0.0
LAB*Lab 18.02 0.0 0.0
LAB*Lab 18.02 0.0 0.0

relative Inform. Technology (IT)
olv3* 0.0 0.25 0.25 (1.0)
cmyn3* 0.0 0.25 0.25 (0.0)
olv4* 0.0 1.0 1.0 (1.0)
cmyn4* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 9.03 0.0 0.0
LAB*Lab 9.03 0.0 0.0
LAB*Lab 9.03 0.0 0.0
LAB*Lab 9.03 0.0 0.0

relative Inform. Technology (IT)
olv3* 0.75 0.25 0.25 (1.0)
cmyn3* 0.75 0.25 0.25 (0.0)
olv4* 0.75 1.0 1.0 (1.0)
cmyn4* 0.75 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 21.73 -11.53 -3.38
LAB*Lab 21.73 -11.53 -3.38
LAB*Lab 21.73 -11.53 -3.38
LAB*Lab 21.73 -11.53 -3.38

relative Inform. Technology (IT)
olv3* 0.5 0.25 0.25 (1.0)
cmyn3* 0.5 0.25 0.25 (0.0)
olv4* 0.5 1.0 1.0 (1.0)
cmyn4* 0.5 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 18.02 0.0 0.0
LAB*Lab 18.02 0.0 0.0
LAB*Lab 18.02 0.0 0.0
LAB*Lab 18.02 0.0 0.0

relative Inform. Technology (IT)
olv3* 0.25 0.25 0.25 (1.0)
cmyn3* 0.25 0.25 0.25 (0.0)
olv4* 0.25 1.0 1.0 (1.0)
cmyn4* 0.25 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 9.03 0.0 0.0
LAB*Lab 9.03 0.0 0.0
LAB*Lab 9.03 0.0 0.0
LAB*Lab 9.03 0.0 0.0

relative Inform. Technology (IT)
olv3* 0.0 0.25 0.25 (1.0)
cmyn3* 0.0 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 18.02 0.0 0.0
LAB*Lab 18.02 0.0 0.0
LAB*Lab 18.02 0.0 0.0
LAB*Lab 18.02 0.0 0.0

relative Inform. Technology (IT)
olv3* 0.0 0.0 0.0 (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 9.03 0.0 0.0
LAB*Lab 9.03 0.0 0.0
LAB*Lab 9.03 0.0 0.0
LAB*Lab 9.03 0.0 0.0

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

relative Inform. Technology (IT)
olv3* 0.5 0.0 0.0 (1.0)
cmyn3* 0.5 0.0 0.0 (0.0)
olv4* 0.5 1.0 1.0 (1.0)
cmyn4* 0.5 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 18.02 0.0 0.0
LAB*Lab 18.02 0.0 0.0
LAB*Lab 18.02 0.0 0.0
LAB*Lab 18.02 0.0 0.0

relative Inform. Technology (IT)
olv3* 0.25 0.0 0.0 (1.0)
cmyn3* 0.25 0.0 0.0 (0.0)
olv4* 0.25 1.0 1.0 (1.0)
cmyn4* 0.25 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 9.03 0.0 0.0
LAB*Lab 9.03 0.0 0.0
LAB*Lab 9.03 0.0 0.0
LAB*Lab 9.03 0.0 0.0

relative Inform. Technology (IT)
olv3* 0.0 0.0 0.0 (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 18.02 0.0 0.0
LAB*Lab 18.02 0.0 0.0
LAB*Lab 18.02 0.0 0.0
LAB*Lab 18.02 0.0 0.0

relative Inform. Technology (IT)
olv3* 0.0 0.0 0.0 (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 9.03 0.0 0.0
LAB*Lab 9.03 0.0 0.0
LAB*Lab 9.03 0.0 0.0
LAB*Lab 9.03 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* 0.75 1.0 1.0 (1.0)
cmyn4* 0.25 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 21.73 -11.53 -3.38
LAB*Lab 21.73 -11.53 -3.38
LAB*Lab 21.73 -11.53 -3.38
LAB*Lab 21.73 -11.53 -3.38

relative Inform. Technology (IT)
olv3* 0.5 0.75 0.75 (1.0)
cmyn3* 0.5 0.25 0.25 (0.0)
olv4* 0.5 1.0 1.0 (1.0)
cmyn4* 0.5 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 18.02 0.0 0.0
LAB*Lab 18.02 0.0 0.0
LAB*Lab 18.02 0.0 0.0
LAB*Lab 18.02 0.0 0.0

relative Inform. Technology (IT)
olv3* 0.25 0.75 0.75 (1.0)
cmyn3* 0.25 0.25 0.25 (0.0)
olv4* 0.25 1.0 1.0 (1.0)
cmyn4* 0.25 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 9.03 0.0 0.0
LAB*Lab 9.03 0.0 0.0
LAB*Lab 9.03 0.0 0.0
LAB*Lab 9.03 0.0 0.0

relative Inform. Technology (IT)
olv3* 0.0 0.0 0.0 (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 18.02 0.0 0.0
LAB*Lab 18.02 0.0 0.0
LAB*Lab 18.02 0.0 0.0
LAB*Lab 18.02 0.0 0.0

relative Inform. Technology (IT)
olv3* 0.0 0.0 0.0 (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 9.03 0.0 0.0
LAB*Lab 9.03 0.0 0.0
LAB*Lab 9.03 0.0 0.0
LAB*Lab 9.03 0.0 0.0

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

relative Inform. Technology (IT)
olv3* 0.5 0.0 0.0 (1.0)
cmyn3* 0.5 0.0 0.0 (0.0)
olv4* 0.5 1.0 1.0 (1.0)
cmyn4* 0.5 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 18.02 0.0 0.0
LAB*Lab 18.02 0.0 0.0
LAB*Lab 18.02 0.0 0.0
LAB*Lab 18.02 0.0 0.0

relative Inform. Technology (IT)
olv3* 0.25 0.0 0.0 (1.0)
cmyn3* 0.25 0.0 0.0 (0.0)
olv4* 0.25 1.0 1.0 (1.0)
cmyn4* 0.25 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 9.03 0.0 0.0
LAB*Lab 9.03 0.0 0.0
LAB*Lab 9.03 0.0 0.0
LAB*Lab 9.03 0.0 0.0

relative Inform. Technology (IT)
olv3* 0.0 0.0 0.0 (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 18.02 0.0 0.0
LAB*Lab 18.02 0.0 0.0
LAB*Lab 18.02 0.0 0.0
LAB*Lab 18.02 0.0 0.0

relative Inform. Technology (IT)
olv3* 0.0 0.0 0.0 (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 9.03 0.0 0.0
LAB*Lab 9.03 0.0 0.0
LAB*Lab 9.03 0.0 0.0
LAB*Lab 9.03 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* 0.75 1.0 1.0 (1.0)
cmyn4* 0.25 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 21.73 -11.53 -3.38
LAB*Lab 21.73 -11.53 -3.38
LAB*Lab 21.73 -11.53 -3.38
LAB*Lab 21.73 -11.53 -3.38

Input: Colorimetric Offset Reflective System ORS18

for hue $h^* = lab^*h = 305/360 = 0.847$

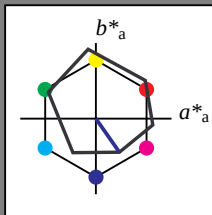
lab^*tch and lab^*nch

D65: hue V

LCH*Ma: 26 54 305

olv*Ma: 0.0 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	4.75
LAB*LAB	95.41	0.0	0.0
LAB*LAB	95.41	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*	0.75	0.75	0.75	(1.0)
cmyn4*	0.25	0.25	0.25	(0.0)

standard and adapted CIELAB

LAB*LAB	77.99	7.12	-7.51
LAB*LAB	77.99	7.12	-7.51
LAB*LAB	77.99	7.12	-7.51

relative Inform. Technology (IT)

olv3*	0.75	0.75	0.75	(1.0)
cmyn3*	0.25	0.25	0.25	(0.0)
olv4*	0.75	0.75	0.75	(1.0)
cmyn4*	0.25	0.25	0.25	(0.0)

standard and adapted CIELAB

LAB*LAB	76.06	-0.61	3.44
LAB*LAB	76.06	0.0	0.0
LAB*LAB	76.06	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*	0.75	0.75	0.75	(1.0)
cmyn4*	0.25	0.25	0.25	(0.0)

standard and adapted CIELAB

LAB*LAB	76.06	-0.61	3.44
LAB*LAB	76.06	0.0	0.0
LAB*LAB	76.06	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*	0.75	0.75	0.75	(1.0)
cmyn4*	0.25	0.25	0.25	(0.0)

standard and adapted CIELAB

LAB*LAB	76.06	-0.61	3.44
LAB*LAB	76.06	0.0	0.0
LAB*LAB	76.06	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*	0.75	0.75	0.75	(1.0)
cmyn4*	0.25	0.25	0.25	(0.0)

standard and adapted CIELAB

LAB*LAB	76.06	-0.61	3.44
LAB*LAB	76.06	0.0	0.0
LAB*LAB	76.06	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*	0.75	0.75	0.75	(1.0)
cmyn4*	0.25	0.25	0.25	(0.0)

standard and adapted CIELAB

LAB*LAB	76.06	-0.61	3.44
LAB*LAB	76.06	0.0	0.0
LAB*LAB	76.06	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*	0.75	0.75	0.75	(1.0)
cmyn4*	0.25	0.25	0.25	(0.0)

standard and adapted CIELAB

LAB*LAB	76.06	-0.61	3.44
LAB*LAB	76.06	0.0	0.0
LAB*LAB	76.06	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*	0.75	0.75	0.75	(1.0)
cmyn4*	0.25	0.25	0.25	(0.0)

standard and adapted CIELAB

LAB*LAB	76.06	-0.61	3.44
LAB*LAB	76.06	0.0	0.0
LAB*LAB	76.06	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*	0.75	0.75	0.75	(1.0)
cmyn4*	0.25	0.25	0.25	(0.0)

standard and adapted CIELAB

LAB*LAB	76.06	-0.61	3.44
LAB*LAB	76.06	0.0	0.0
LAB*LAB	76.06	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*	0.75	0.75	0.75	(1.0)
cmyn4*	0.25	0.25	0.25	(0.0)

standard and adapted CIELAB

LAB*LAB	76.06	-0.61	3.44
LAB*LAB	76.06	0.0	0.0
LAB*LAB	76.06	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
RC _{IE}	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*	0.75	0.75	0.75	(1.0)
cmyn3*	0.25	0.25	0.25	(0.0)
olv4*	0.75	0.75	0.75	(1.0)
cmyn4*	0.25	0.25	0.25	(0.0)

standard and adapted CIELAB

LAB*LAB	60.56	15.23	-19.79
LAB*LAB	60.56	15.23	-19.79
LAB*LAB	60.56	15.23	-19.79

relative Inform. Technology (IT)

olv3*	0.75	0.75	0.75	(1.0)
cmyn3*	0.25	0.25	0.25	(0.0)
olv4*	0.75	0.75	0.75	(1.0)
cmyn4*	0.25	0.25	0.25	(0.0)

standard and adapted CIELAB

LAB*LAB	58.64	7.49	-8.82
LAB*LAB	58.64	7.49	-8.82
LAB*LAB	58.64	7.49	-8.82

relative Inform. Technology (IT)

olv3*	0.75	0.75	0.75	(1.0)
cmyn3*	0.25	0.25	0.25	(0.0)
olv4*	0.75	0.75	0.75	(1.0)
cmyn4*	0.25	0.25	0.25	(0.0)

standard and adapted CIELAB

LAB*LAB	58.64	7.49	-8.82
LAB*LAB	58.64	7.49	-8.82
LAB*LAB	58.64	7.49	-8.82

relative Inform. Technology (IT)

olv3*	0.75	0.75	0.75	(1.0)
cmyn3*	0.25	0.25	0.25	(0.0)
olv4*	0.75	0.75	0.75	(1.0)
cmyn4*	0.25	0.25	0.25	(0.0)

standard and adapted CIELAB

LAB*LAB	58.64	7.49	-8.82
LAB*LAB	58.64	7.49	-8.82
LAB*LAB	58.64	7.49	-8.82

relative Inform. Technology (IT)

olv3*	0.75	0.75	0.75	(1.0)
cmyn3*	0.25	0.25	0.25	(0.0)
olv4*	0.75	0.75	0.75	(1.0)
cmyn4*	0.25	0.25	0.25	(0.0)

standard and adapted CIELAB

LAB*LAB	58.64	7.49	-8.82
LAB*LAB	58.64	7.49	-8.82
LAB*LAB	58.64	7.49	-8.82

relative Inform. Technology (IT)

olv3*	0.75	0.75	0.75	(1.0)
cmyn3*	0.25	0.25	0.25	(0.0)
olv4*	0.75	0.75	0.75	(1.0)
cmyn4*	0.25	0.25	0.25	(0.0)

standard and adapted CIELAB

LAB*LAB	58.64	7.49	-8.82
LAB*LAB	58.64	7.49	-8.82
LAB*LAB	58.64	7.49	-8.82

relative Inform. Technology (IT)

olv3*	0.75	0.75	0.75	(1.0)
cmyn3*	0.25	0.25	0.25	(0.0)
olv4*	0.75	0.75	0.75	(1.0)
cmyn4*	0.25	0.25	0.25	(0.0)

standard and adapted CIELAB

LAB*LAB	58.64	7.49	-8.82
LAB*LAB	58.64	7.49	-8.82
LAB*LAB	58.64	7.49	-8.82

relative Inform. Technology (IT)

olv3*	0.75	0.75	0.75	(1.0)
cmyn3*	0.25	0.25	0.25	(0.0)
olv4*	0.75	0.75	0.75	(1.0)
cmyn4*	0.25	0.25	0.25	(0.0)

standard and adapted CIELAB

LAB*LAB	58.64	7.49	-8.82
LAB*LAB	58.64	7.49	-8.82
LAB*LAB	58.64	7.49	-8.82

relative Inform. Technology (IT)

olv3*	0.75	0.75	0.75	(1.0)
cmyn3*	0.25	0.25	0.25	(0.0)
olv4*	0.75	0.75	0.75	(1.0)
cmyn4*	0.25	0.25	0.25	(0.0)

standard and adapted CIELAB

LAB*LAB	58.64	7.49	-8.82
LAB*LAB	58.64	7.49	-8.82
LAB*LAB	58.64	7.49	-8.82

Output: Colorimetric Television Luminous System TLS00

for hue $h^* = lab^*h = 306/360 = 0.851$

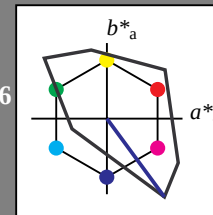
lab^*tch and lab^*nch

D65: hue V

LCH*Ma: 30 129 306

olv*Ma: 0.0 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*LAB	95.41	0.0	0.0
LAB*LAB	95.41	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*	0.75	0.75	0.75	(1.0)
cmyn4*	0.25	0.25	0.25	(0.0)

standard and adapted CIELAB

LAB*LAB	79.15	19.01	-25.88
LAB*LAB	79.15	19.01	-25.88
LAB*LAB	79.15	19.01	-25.88

relative Inform. Technology (IT)

olv3*	0.75	0.75	0.75	(1.0)
cmyn3*	0.25	0.25	0.25	(0.0)
olv4*	0.75	0.75	0.75	(1.0)
cmyn4*	0.25	0.25	0.25	(0.0)

standard and adapted CIELAB

LAB*LAB	79.15	19.01	-25.88
LAB*LAB	79.15	19.01	-25.88
LAB*LAB	79.15	19.01	-25.88

relative Inform. Technology (IT)

olv3*	0.75	0.75	0.75	(1.0)
cmyn3*	0.25	0.25	0.25	(0.0)
olv4*	0.75	0.75	0.75	(1.0)
cmyn4*	0.25	0.25	0.25	(0.0)

standard and adapted CIELAB

LAB*LAB	79.15	19.01	-25.88
LAB*LAB	79.15	19.01	-25.88
LAB*LAB	79.15	19.01	-25.88

relative Inform. Technology (IT)

olv3*	0.75	0.75	0.75	(1.0)
cmyn3*	0.25	0.25	0.25	(0.0)
olv4*	0.75	0.75	0.75	(1.0)
cmyn4*	0.25	0.25	0.25	(0.0)

standard and adapted CIELAB

LAB*LAB	79.15	19.01	-25.88
LAB*LAB	79.15	19.01	-25.88
LAB*LAB	79.15	19.01	-25.88

relative Inform. Technology (IT)

olv3*	0.75	0.75	0.75	(1.0)
cmyn3*	0.25	0.25	0.25	(0.0)
olv4*	0.75	0.75	0.75	(1.0)
cmyn4*	0.25	0.25	0.25	(0.0)

standard and adapted CIELAB

LAB*LAB	79.15	19.01	-25.88
LAB*LAB	79.15	19.01	-25.88
LAB*LAB	79.15	19.01	-25.88

relative Inform. Technology (IT)

olv3*	0.75	0.75	0.75	(1.0)
cmyn3*	0.25	0.25	0.25	(0.0)
olv4*	0.75	0.75	0.75	(1.0)
cmyn4*	0.25	0.25	0.25	(0.0)

standard and adapted CIELAB

LAB*LAB	79.15	19.01	-25.88
LAB*LAB	79.15	19.01	-25.88
LAB*LAB	79.15	19.01	-25.88

relative Inform. Technology (IT)

olv3*	0.0	0.0	0.25	(1.0)
cmyn3*	1.0	1.0	0.75	(0.0)
olv4*	0.75	0.75	1.0	0.25
cmyn4*	0.25	0.25	0.0	0.75

standard and adapted CIELAB

LAB*LAB	7.61	19.01	-25.88
LAB*LAB ₀	7.61	19.01	-25.88

Input: Colorimetric Offset Reflective System ORS18

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

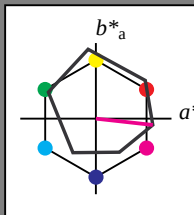
lab^*tch and lab^*nch

D65: hue M

LCH*Ma: 48 76 354

olv*Ma: 1.0 0.0 1.0

triangle lightness t^*



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)
olv3*	0.0	0.0	0.0	(0.0)
olv4*	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)
olv5*	0.0	0.0	0.0	(0.0)
standard and adapted CIELAB				
LAB*LAB	95.41	-0.98	47.5	
LAB*LAB	95.41	0.0	0.0	
LAB*LAB	95.41	0.0	0.0	

relative Inform. Technology (IT)

olv3*	1.0	0.75	1.0	(1.0)
olv3*	0.0	0.25	0.0	(0.0)
olv4*	1.0	0.75	1.0	(1.0)
olv4*	0.0	0.25	0.0	(0.0)
olv5*	1.0	0.75	1.0	(1.0)
olv5*	0.0	0.25	0.0	(0.0)
standard and adapted CIELAB				
LAB*LAB	83.59	18.05	1.87	
LAB*LAB	83.59	18.05	1.87	
LAB*LAB	83.59	18.05	1.87	

relative Inform. Technology (IT)

olv3*	1.0	0.5	1.0	(1.0)
olv3*	0.0	0.5	0.0	(0.0)
olv4*	1.0	0.5	1.0	(1.0)
olv4*	0.0	0.5	0.0	(0.0)
olv5*	1.0	0.5	1.0	(1.0)
olv5*	0.0	0.5	0.0	(0.0)
standard and adapted CIELAB				
LAB*LAB	71.77	37.1	-1.01	
LAB*LAB	71.77	37.1	-1.01	
LAB*LAB	71.77	37.1	-1.01	

relative Inform. Technology (IT)

olv3*	1.0	0.25	1.0	(1.0)
olv3*	0.0	0.25	0.0	(0.0)
olv4*	1.0	0.25	1.0	(1.0)
olv4*	0.0	0.25	0.0	(0.0)
olv5*	1.0	0.25	1.0	(1.0)
olv5*	0.0	0.25	0.0	(0.0)
standard and adapted CIELAB				
LAB*LAB	59.95	56.15	-3.9	
LAB*LAB	59.95	56.15	-3.9	
LAB*LAB	59.95	56.15	-3.9	

relative Inform. Technology (IT)

olv3*	1.0	0.0	1.0	(1.0)
olv3*	0.0	0.0	0.0	(0.0)
olv4*	1.0	0.0	1.0	(1.0)
olv4*	0.0	0.0	0.0	(0.0)
olv5*	1.0	0.0	1.0	(1.0)
olv5*	0.0	0.0	0.0	(0.0)
standard and adapted CIELAB				
LAB*LAB	47.94	65.39	50.52	
LAB*LAB	47.94	65.39	50.52	
LAB*LAB	47.94	65.39	50.52	

relative Inform. Technology (IT)

olv3*	0.75	0.75	0.75	(1.0)
olv3*	0.25	0.25	0.25	(0.0)
olv4*	0.75	0.75	0.75	(1.0)
olv4*	0.25	0.25	0.25	(0.0)
olv5*	0.75	0.75	0.75	(1.0)
olv5*	0.25	0.25	0.25	(0.0)
standard and adapted CIELAB				
LAB*LAB	76.06	-0.61	3.44	
LAB*LAB	76.06	-0.61	3.44	
LAB*LAB	76.06	-0.61	3.44	

relative Inform. Technology (IT)

olv3*	0.75	0.5	0.75	(1.0)
olv3*	0.25	0.5	0.25	(0.0)
olv4*	0.75	0.5	0.75	(1.0)
olv4*	0.25	0.5	0.25	(0.0)
olv5*	0.75	0.5	0.75	(1.0)
olv5*	0.25	0.5	0.25	(0.0)
standard and adapted CIELAB				
LAB*LAB	64.24	18.43	0.56	
LAB*LAB	64.24	18.43	0.56	
LAB*LAB	64.24	18.43	0.56	

relative Inform. Technology (IT)

olv3*	0.75	0.25	0.75	(1.0)
olv3*	0.25	0.25	0.25	(0.0)
olv4*	0.75	0.25	0.75	(1.0)
olv4*	0.25	0.25	0.25	(0.0)
olv5*	0.75	0.25	0.75	(1.0)
olv5*	0.25	0.25	0.25	(0.0)
standard and adapted CIELAB				
LAB*LAB	52.42	37.64	-2.32	
LAB*LAB	52.42	37.64	-2.32	
LAB*LAB	52.42	37.64	-2.32	

relative Inform. Technology (IT)

olv3*	0.5	0.5	0.5	(1.0)
olv3*	0.5	0.5	0.5	(0.0)
olv4*	0.5	0.5	0.5	(1.0)
olv4*	0.5	0.5	0.5	(0.0)
olv5*	0.5	0.5	0.5	(1.0)
olv5*	0.5	0.5	0.5	(0.0)
standard and adapted CIELAB				
LAB*LAB	48.13	75.18	-6.79	
LAB*LAB	48.13	75.18	-6.79	
LAB*LAB	48.13	75.18	-6.79	

relative Inform. Technology (IT)

olv3*	0.5	0.25	0.5	(1.0)
olv3*	0.25	0.25	0.25	(0.0)
olv4*	0.5	0.25	0.5	(1.0)
olv4*	0.25	0.25	0.25	(0.0)
olv5*	0.5	0.25	0.5	(1.0)
olv5*	0.25	0.25	0.25	(0.0)
standard and adapted CIELAB				
LAB*LAB	47.94	65.39	50.52	
LAB*LAB	47.94	65.39	50.52	
LAB*LAB	47.94	65.39	50.52	

relative Inform. Technology (IT)

olv3*	0.5	0.5	0.5	(1.0)
olv3*	0.5	0.5	0.5	(0.0)
olv4*	0.5	0.5	0.5	(1.0)
olv4*	0.5	0.5	0.5	(0.0)
olv5*	0.5	0.5	0.5	(1.0)
olv5*	0.5	0.5	0.5	(0.0)
standard and adapted CIELAB				
LAB*LAB	56.71	-0.24	2.14	
LAB*LAB	56.71	-0.24	2.14	
LAB*LAB	56.71	-0.24	2.14	

relative Inform. Technology (IT)

olv3*	0.5	0.25	0.5	(1.0)
olv3*	0.25	0.25	0.25	(0.0)
olv4*	0.5	0.25	0.5	(1.0)
olv4*	0.25	0.25	0.25	(0.0)
olv5*	0.5	0.25	0.5	(1.0)
olv5*	0.25	0.25	0.25	(0.0)
standard and adapted CIELAB				
LAB*LAB	44.89	18.8	-0.74	
LAB*LAB	44.89	18.8	-0.74	
LAB*LAB	44.89	18.8	-0.74	

relative Inform. Technology (IT)

olv3*	0.5	0.0	0.5	(1.0)
olv3*	0.5	0.0	0.5	(0.0)
olv4*	0.5	0.0	0.5	(1.0)
olv4*	0.5	0.0	0.5	(0.0)
olv5*	0.5	0.0	0.5	(1.0)
olv5*	0.5	0.0	0.5	(0.0)
standard and adapted CIELAB				
LAB*LAB	33.07	37.84	-3.62	
LAB*LAB	33.07	37.84	-3.62	
LAB*LAB	33.07	37.84	-3.62	

relative Inform. Technology (IT)

olv3*	0.5	0.0	0.5	(1.0)
olv3*	0.5	0.0	0.5	(0.0)
olv4*	0.5	0.0	0.5	(1.0)
olv4*	0.5	0.0	0.5	(0.0)
olv5*	0.5	0.0	0.5	(1.0)
olv5*	0.5	0.0	0.5	(0.0)
standard and adapted CIELAB				
LAB*LAB	40.6	56.32	-5.21	
LAB*LAB	40.6	56.32	-5.21	
LAB*LAB	40.6	56.32	-5.21	

relative Inform. Technology (IT)

olv3*	0.25	0.25	0.25	(1.0)
olv3*	0.25	0.25	0.25	(0.0)
olv4*	0.25	0.25	0.25	(1.0)
olv4*	0.25	0.25	0.25	(0.0)
olv5*	0.25	0.25	0.25	(1.0)
olv5*	0.25	0.25	0.25	(0.0)
standard and adapted CIELAB				
LAB*LAB	47.94	65.39	50.52	
LAB*LAB	47.94	65.39	50.52	
LAB*LAB	47.94	65.39	50.52	

Output: Colorimetric Television Luminous System TLS00

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

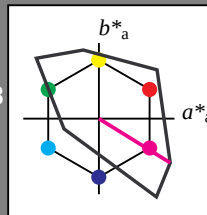
lab^*tch and lab^*nch

D65: hue M

LCH*Ma: 57 111 328

olv*Ma: 1.0 0.0 1.0

triangle lightness t^*



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)
olv3*	0.0	0.0	0.0	(0.0)
olv4*	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)
olv5*	0.0	0.0	0.0	(0.0)
standard and adapted CIELAB				
LAB*LAB	95.41	0.0	0.0	
LAB*LAB	95.41	0.0	0.0	
LAB*LAB	95.41	0.0	0.0	

relative Inform. Technology (IT)

olv3*	1.0	0.75	1.0	(1.0)
olv3*	0.0	0.25	0.0	(0.0)
olv4*	1.0	0.75	1.0	(1.0)
olv4*	0.0	0.25	0.0	(0.0)
olv5*	1.0	0.75	1.0	(1.0)
olv5*	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*LAB	85.88	23.58	-14.59	

relative Inform. Technology (IT)

olv3*	1.0	0.5	1.0	(1.0)
olv3*	0.0	0.5	0.0	(0.0)
olv4*	1.0	0.5	1.0	(1.0)
olv4*	0.0	0.5	0.0	(0.0)
olv5*	1.0	0.5	1.0	(1.0)
olv5*	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*LAB	76.35	47.17	-29.19	

relative Inform. Technology (IT)

olv3*	1.0	0.25	1.0	(1.0)
olv3*	0.0	0.25	0.0	(0.0)
olv4*	1.0	0.25	1.0	(1.0)
olv4*	0.0	0.25	0.0	(0.0)
olv5*	1.0	0.25	1.0	(1.0)
olv5*	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*LAB	62.03	23.59	-14.6	

urity

20

Input: Colorimetric Offset Reflective System ORS18

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

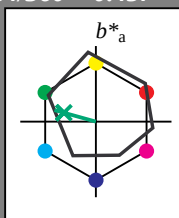
lab^*tch and lab^*nch

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)
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 Inform. Technology (IT)
olv3* 0.75 1.0 0.812 (1.0)
cmyn3* 0.25 0.0 0.188 (0.0)
olv4* 0.75 1.0 0.812 (1.0)
cmyn4* 0.25 0.0 0.188 (0.0)
standard and adapted CIELAB
LAB*LAB 84.75 -14.48 7.85
LAB*LABa 84.75 -13.69 3.81
LAB*TCHa 97.5 14.22 164.46

relative Inform. Technology (IT)
olv3* 0.5 1.0 0.623 (1.0)
cmyn3* 0.5 0.0 0.377 (0.0)
olv4* 0.5 1.0 0.623 (1.0)
cmyn4* 0.5 0.0 0.377 (0.0)
standard and adapted CIELAB
LAB*LAB 74.1 -27.98 10.94
LAB*LABa 74.1 -27.4 7.62
LAB*TCHa 75.0 28.45 164.46

relative Inform. Technology (IT)
olv3* 0.25 1.0 0.435 (1.0)
cmyn3* 0.25 0.0 0.565 (0.0)
olv4* 0.25 1.0 0.435 (1.0)
cmyn4* 0.25 0.0 0.565 (0.0)
standard and adapted CIELAB
LAB*LAB 63.45 -41.11 11.44
LAB*LABa 63.45 -41.11 11.44
LAB*TCHa 62.5 42.68 164.45

relative Inform. Technology (IT)
olv3* 0.0 1.0 0.246 (1.0)
cmyn3* 1.0 0.0 0.754 (0.0)
olv4* 0.0 1.0 0.246 (1.0)
cmyn4* 1.0 0.0 0.754 (0.0)
standard and adapted CIELAB
LAB*LAB 52.8 -54.81 15.26
LAB*LABa 52.8 -54.81 15.26
LAB*TCHa 50.0 56.91 164.45

relative Inform. Technology (IT)
olv3* 0.5 0.5 0.5 (0.0)
cmyn3* 0.5 0.5 0.5 (0.0)
olv4* 0.5 0.5 0.5 (0.0)
cmyn4* 0.5 0.5 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*TCHa 50.0 0.0 0.0

relative Inform. Technology (IT)
olv3* 0.25 0.5 0.377 (1.0)
cmyn3* 0.75 0.5 0.623 (0.0)
olv4* 0.25 0.5 0.377 (1.0)
cmyn4* 0.75 0.5 0.623 (0.0)
standard and adapted CIELAB
LAB*LAB 66.73 -29.42 9.44
LAB*LABa 66.73 -29.42 9.44
LAB*TCHa 50.0 30.91 162.22

relative Inform. Technology (IT)
olv3* 0.0 0.5 0.188 (1.0)
cmyn3* 0.5 0.0 0.812 (0.0)
olv4* 0.0 0.5 0.188 (1.0)
cmyn4* 0.5 0.0 0.812 (0.0)
standard and adapted CIELAB
LAB*LAB 46.06 -13.74 3.81
LAB*LABa 46.06 -13.74 3.81
LAB*TCHa 37.5 14.23 164.45

relative Inform. Technology (IT)
olv3* 0.25 0.25 0.25 (1.0)
cmyn3* 0.75 0.75 0.75 (0.0)
olv4* 0.25 0.25 0.25 (1.0)
cmyn4* 0.75 0.75 0.75 (0.0)
standard and adapted CIELAB
LAB*LAB 37.36 0.0 0.0
LAB*LABa 37.36 0.0 0.0
LAB*TCHa 25.0 0.01 -

relative Inform. Technology (IT)
olv3* 0.0 0.5 0.188 (1.0)
cmyn3* 0.5 0.0 0.812 (0.0)
olv4* 0.0 0.5 0.188 (1.0)
cmyn4* 0.5 0.0 0.812 (0.0)
standard and adapted CIELAB
LAB*LAB 46.06 -13.74 3.81
LAB*LABa 46.06 -13.74 3.81
LAB*TCHa 37.5 14.23 164.45

relative Inform. Technology (IT)
olv3* 0.25 0.25 0.25 (1.0)
cmyn3* 0.75 0.75 0.75 (0.0)
olv4* 0.25 0.25 0.25 (1.0)
cmyn4* 0.75 0.75 0.75 (0.0)
standard and adapted CIELAB
LAB*LAB 37.36 0.0 0.0
LAB*LABa 37.36 0.0 0.0
LAB*TCHa 25.0 0.01 -

relative Inform. Technology (IT)
olv3* 0.0 0.5 0.188 (1.0)
cmyn3* 0.5 0.0 0.812 (0.0)
olv4* 0.0 0.5 0.188 (1.0)
cmyn4* 0.5 0.0 0.812 (0.0)
standard and adapted CIELAB
LAB*LAB 46.06 -13.74 3.81
LAB*LABa 46.06 -13.74 3.81
LAB*TCHa 37.5 14.23 164.45

relative Inform. Technology (IT)
olv3* 0.5 0.5 0.5 (0.0)
cmyn3* 0.5 0.5 0.5 (0.0)
olv4* 0.5 0.5 0.5 (0.0)
cmyn4* 0.5 0.5 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*TCHa 50.0 0.0 0.0

relative Inform. Technology (IT)
olv3* 0.25 0.5 0.377 (1.0)
cmyn3* 0.75 0.5 0.623 (0.0)
olv4* 0.25 0.5 0.377 (1.0)
cmyn4* 0.75 0.5 0.623 (0.0)
standard and adapted CIELAB
LAB*LAB 66.73 -29.42 9.44
LAB*LABa 66.73 -29.42 9.44
LAB*TCHa 50.0 30.91 162.22

relative Inform. Technology (IT)
olv3* 0.0 0.5 0.188 (1.0)
cmyn3* 0.5 0.0 0.812 (0.0)
olv4* 0.0 0.5 0.188 (1.0)
cmyn4* 0.5 0.0 0.812 (0.0)
standard and adapted CIELAB
LAB*LAB 46.06 -13.74 3.81
LAB*LABa 46.06 -13.74 3.81
LAB*TCHa 37.5 14.23 164.45

relative Inform. Technology (IT)
olv3* 0.25 0.25 0.25 (1.0)
cmyn3* 0.75 0.75 0.75 (0.0)
olv4* 0.25 0.25 0.25 (1.0)
cmyn4* 0.75 0.75 0.75 (0.0)
standard and adapted CIELAB
LAB*LAB 37.36 0.0 0.0
LAB*LABa 37.36 0.0 0.0
LAB*TCHa 25.0 0.01 -

relative Inform. Technology (IT)
olv3* 0.0 0.5 0.188 (1.0)
cmyn3* 0.5 0.0 0.812 (0.0)
olv4* 0.0 0.5 0.188 (1.0)
cmyn4* 0.5 0.0 0.812 (0.0)
standard and adapted CIELAB
LAB*LAB 46.06 -13.74 3.81
LAB*LABa 46.06 -13.74 3.81
LAB*TCHa 37.5 14.23 164.45

relative Inform. Technology (IT)
olv3* 0.25 0.5 0.377 (1.0)
cmyn3* 0.75 0.5 0.623 (0.0)
olv4* 0.25 0.5 0.377 (1.0)
cmyn4* 0.75 0.5 0.623 (0.0)
standard and adapted CIELAB
LAB*LAB 66.73 -29.42 9.44
LAB*LABa 66.73 -29.42 9.44
LAB*TCHa 50.0 30.91 162.22

relative Inform. Technology (IT)
olv3* 0.0 0.5 0.188 (1.0)
cmyn3* 0.5 0.0 0.812 (0.0)
olv4* 0.0 0.5 0.188 (1.0)
cmyn4* 0.5 0.0 0.812 (0.0)
standard and adapted CIELAB
LAB*LAB 46.06 -13.74 3.81
LAB*LABa 46.06 -13.74 3.81
LAB*TCHa 37.5 14.23 164.45

relative Inform. Technology (IT)
olv3* 0.25 0.25 0.25 (1.0)
cmyn3* 0.75 0.75 0.75 (0.0)
olv4* 0.25 0.25 0.25 (1.0)
cmyn4* 0.75 0.75 0.75 (0.0)
standard and adapted CIELAB
LAB*LAB 37.36 0.0 0.0
LAB*LABa 37.36 0.0 0.0
LAB*TCHa 25.0 0.01 -

relative Inform. Technology (IT)
olv3* 0.0 0.0 0.0 (1.0)
cmyn3* 1.0 1.0 1.0 (0.0)
olv4* 0.0 0.0 0.0 (1.0)
cmyn4* 1.0 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*TCHa 0.01 0.01 -

relative Inform. Technology (IT)
olv3* 0.112 -0.24 0.067
cmyn3* 0.125 0.25 0.457
olv4* 0.112 -0.24 0.067
cmyn4* 0.125 0.25 0.457
standard and adapted CIELAB
LAB*LAB 18.02 0.0 0.0
LAB*LABa 18.02 0.0 0.0
LAB*TCHa 0.01 0.01 -

relative Inform. Technology (IT)
olv3* 0.0 0.0 0.0 (1.0)
cmyn3* 1.0 1.0 1.0 (0.0)
olv4* 0.0 0.0 0.0 (1.0)
cmyn4* 1.0 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*TCHa 0.01 0.01 -

relative Inform. Technology (IT)
olv3* 0.0 0.0 0.0 (1.0)
cmyn3* 1.0 1.0 1.0 (0.0)
olv4* 0.0 0.0 0.0 (1.0)
cmyn4* 1.0 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*TCHa 0.01 0.01 -

relative Inform. Technology (IT)
olv3* 0.0 0.0 0.0 (1.0)
cmyn3* 1.0 1.0 1.0 (0.0)
olv4* 0.0 0.0 0.0 (1.0)
cmyn4* 1.0 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*TCHa 0.01 0.01 -

relative Inform. Technology (IT)
olv3* 0.0 0.0 0.0 (1.0)
cmyn3* 1.0 1.0 1.0 (0.0)
olv4* 0.0 0.0 0.0 (1.0)
cmyn4* 1.0 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*TCHa 0.01 0.01 -

relative Inform. Technology (IT)
olv3* 0.0 0.0 0.0 (1.0)
cmyn3* 1.0 1.0 1.0 (0.0)
olv4* 0.0 0.0 0.0 (1.0)
cmyn4* 1.0 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*TCHa 0.01 0.01 -

relative Inform. Technology (IT)
olv3* 0.0 0.0 0.0 (1.0)
cmyn3* 1.0 1.0 1.0 (0.0)
olv4* 0.0 0.0 0.0 (1.0)
cmyn4* 1.0 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*TCHa 0.01 0.01 -

relative Inform. Technology (IT)
olv3* 0.0 0.0 0.0 (1.0)
cmyn3* 1.0 1.0 1.0 (0.0)
olv4* 0.0 0.0 0.0 (1.0)
cmyn4* 1.0 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*TCHa 0.01 0.01 -

relative Inform. Technology (IT)
olv3* 0.0 0.0 0.0 (1.0)
cmyn3* 1.0 1.0 1.0 (0.0)
olv4* 0.0 0.0 0.0 (1.0)
cmyn4* 1.0 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*TCHa 0.01 0.01 -

OE500-7, 5 step scales for constant CIELAB hue 164/360 = 0.457 (left)

5 step scales for constant CIELAB hue 162/360 = 0.451 (right)

BAM-test chart OE50; Colorimetric systems ORS18 & ORS18

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

input: `cmv0* setcmvcolor`

output: `Startup (S) data dependend`

