

Input: Colorimetric Reflective System NRS11

for hue $h^* = lab^*h = 24/360 = 0.067$

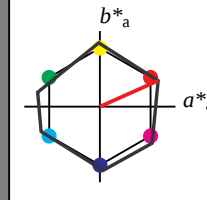
lab^*tch and lab^*nch

D65: hue R

LCH*Ma: 53 84 24

rgb*Ma: 1.0 0.0 0.0

triangle lightness t^*



relative Inform. Technology (IT)

olvi3*	1.0	1.0	1.0	(1.0)
cmyn3*	0.0	0.0	0.0	(0.0)
olvi4*	1.0	1.0	1.0	(1.0)
cmyn4*	0.0	0.0	0.0	(0.0)

standard and adapted CIELAB

LAB*LAB	95.41	0.0	-0.01
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)

olvi3*	1.0	0.75	0.75	(1.0)
cmyn3*	0.0	0.25	0.25	(0.0)
olvi4*	1.0	0.75	0.75	(1.0)
cmyn4*	0.0	0.25	0.25	(0.0)

standard and adapted CIELAB

LAB*LAB	84.85	19.28	8.58
LAB*LABa	84.85	19.28	8.58
LAB*LABb	97.5	21.08	24.01

relative CIELAB lab*

lab*lab	0.875	0.228	0.102
lab*tch	0.875	0.228	0.102
lab*nch	0.0	0.25	0.067

relative Natural Colour (NC)

lab*trj	0.875	0.228	0.102
lab*tce	0.875	0.228	0.102
lab*nce	0.0	0.25	0.067

relative Inform. Technology (IT)

olvi3*	0.75	0.5	0.5	(1.0)
cmyn3*	0.25	0.5	0.5	(0.0)
olvi4*	1.0	0.75	0.75	(1.0)
cmyn4*	0.0	0.25	0.25	(0.0)

standard and adapted CIELAB

LAB*LAB	63.75	19.3	8.59
LAB*LABa	63.75	19.3	8.59
LAB*LABb	62.5	21.09	24.01

relative CIELAB lab*

lab*lab	0.625	0.228	0.102
lab*tch	0.625	0.228	0.102
lab*nch	0.0	0.25	0.067

relative Natural Colour (NC)

lab*trj	0.625	0.228	0.102
lab*tce	0.625	0.228	0.102
lab*nce	0.0	0.25	0.067

relative Inform. Technology (IT)

olvi3*	0.5	0.5	0.5	(1.0)
cmyn3*	0.5	0.5	0.5	(0.0)
olvi4*	1.0	0.5	0.5	(1.0)
cmyn4*	0.0	0.5	0.5	(0.0)

standard and adapted CIELAB

LAB*LAB	53.2	38.57	17.17
LAB*LABa	53.2	38.57	17.17
LAB*LABb	50.0	42.18	24.01

relative CIELAB lab*

lab*lab	0.5	0.457	0.203
lab*tch	0.5	0.457	0.203
lab*nch	0.0	0.5	0.067

relative Natural Colour (NC)

lab*trj	0.5	0.457	0.203
lab*tce	0.5	0.457	0.203
lab*nce	0.0	0.5	0.067

relative Inform. Technology (IT)

olvi3*	0.25	0.5	0.5	(1.0)
cmyn3*	0.25	0.5	0.5	(0.0)
olvi4*	1.0	0.25	0.25	(1.0)
cmyn4*	0.0	0.25	0.25	(0.0)

standard and adapted CIELAB

LAB*LAB	42.65	57.64	25.75
LAB*LABa	42.65	57.64	25.75
LAB*LABb	37.51	63.26	24.01

relative CIELAB lab*

lab*lab	0.375	0.685	0.305
lab*tch	0.375	0.685	0.305
lab*nch	0.0	0.75	0.067

relative Natural Colour (NC)

lab*trj	0.375	0.685	0.305
lab*tce	0.375	0.685	0.305
lab*nce	0.0	0.75	0.067

relative Inform. Technology (IT)

olvi3*	0.75	0.0	0.0	(1.0)
cmyn3*	0.25	0.0	0.0	(0.0)
olvi4*	1.0	0.0	0.0	(1.0)
cmyn4*	0.0	0.0	0.0	(0.0)

standard and adapted CIELAB

LAB*LAB	53.2	77.04	34.32
LAB*LABa	53.2	77.04	34.32
LAB*LABb	50.0	84.34	24.01

relative CIELAB lab*

lab*lab	0.5	0.913	0.407
lab*tch	0.5	0.913	0.407
lab*nch	0.0	1.0	0.067

relative Natural Colour (NC)

lab*trj	0.5	0.913	0.407
lab*tce	0.5	0.913	0.407
lab*nce	0.0	1.0	0.067

relative Inform. Technology (IT)

olvi3*	0.5	0.5	0.5	(1.0)
cmyn3*	0.5	0.5	0.5	(0.0)
olvi4*	1.0	0.5	0.5	(1.0)
cmyn4*	0.0	0.5	0.5	(0.0)

standard and adapted CIELAB

LAB*LAB	56.71	20.23	21.4
LAB*LABa	56.71	20.23	21.4
LAB*LABb	50.0	42.18	24.01

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)

olvi3*	0.25	0.25	0.25	(1.0)
cmyn3*	0.75	0.75	0.75	(0.0)
olvi4*	1.0	0.75	0.75	(1.0)
cmyn4*	0.0	0.25	0.25	(0.0)

standard and adapted CIELAB

LAB*LAB	44.84	16.33	13.98
LAB*LABa	44.84	16.33	13.98
LAB*LABb	37.5	20.65	37.7

relative CIELAB lab*

lab*lab	0.347	0.198	0.153
lab*tch	0.347	0.198	0.153
lab*nch	0.0	0.25	0.105

relative Natural Colour (NC)

lab*trj	0.347	0.198	0.153
lab*tce	0.347	0.198	0.153
lab*nce	0.0	0.25	0.105

relative Inform. Technology (IT)

olvi3*	0.5	0.0	0.0	(1.0)
cmyn3*	0.5	0.0	0.0	(0.0)
olvi4*	1.0	0.0	0.0	(1.0)
cmyn4*	0.0	0.0	0.0	(0.0)

standard and adapted CIELAB

LAB*LAB	56.71	20.23	21.4
LAB*LABa	56.71	20.23	21.4
LAB*LABb	50.0	42.18	24.01

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)

olvi3*	0.25	0.0	0.0	(1.0)
cmyn3*	0.75	0.0	0.0	(0.0)
olvi4*	1.0	0.0	0.0	(1.0)
cmyn4*	0.0	0.0	0.0	(0.0)

standard and adapted CIELAB

LAB*LAB	56.71	20.23	21.4
LAB*LABa	56.71	20.23	21.4
LAB*LABb	50.0	42.18	24.01

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

NRS11; adapted (a) CIELAB data

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
RMa	53.2	77.06	34.32	84.36	24
JMa	53.2	-1.51	84.38	84.39	91
GMa	53.2	-82.27	18.98	84.44	167
G50BMa	53.2	-77.72	-32.98	84.44	203
BMa	53.2	4.37	-84.28	84.41	273
B50RMa	53.2	69.09	-48.41	84.37	325
NMa	10.99	0.0	0.0	0.0	0
WMa	95.41	0.0	0.0	0.0	0
RCIE	39.92	58.69	27.98	65.01	25
JCIE	81.26	-2.9	71.56	71.62	92
GCIE	52.23	-42.45	13.59	44.59	162
BCIE	30.57	1.35	-46.48	46.51	272

%Regularity

$g^*_{H,rel} = 47$

$g^*_{C,rel} = 100$

$n^* = 0.00$

$n^* = 0.25$

$n^* = 0.50$

$n^* = 1.0$

chromaticness c^*

Output: Colorimetric Reflective System ORS18

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

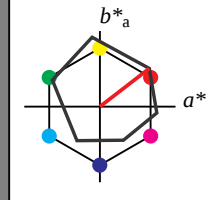
lab^*tch and lab^*nch

D65: hue O

LCH*Ma: 48 83 38

rgb*Ma: 1.0 0.0 0.0

triangle lightness t^*



relative Inform. Technology (IT)

olvi3*	1.0	1.0	1.0	(1.0)
cmyn3*	0.0	0.0	0.0	(0.0)
olvi4*	1.0	1.0	1.0	(1.0)
cmyn4*	0.0	0.0	0.0	(0.0)

standard and adapted CIELAB

LAB*LAB	95.41	-0.97	4.75
LAB*LABa	95.41	0.0	0.0
LAB*LABb	99.99	0.01	0.0

relative CIELAB lab*

lab*lab	1.0	0.0	0.0
lab*tch	1.0	0.0	0.0
lab*nch	0.0	0.0	0.0

relative Natural Colour (NC)

lab*trj	1.0	0.0	0.0
lab*tce	1.0	0.0	0.0
lab*nce	0.0	0.0	0.0

relative Inform. Technology (IT)

olvi3*	1.0	0.75	0.75	(1.0)
cmyn3*	0.0	0.25	0.25	(0.0)
olvi4*	1.0	0.75	0.75	(1.0)
cmyn4*	0.0	0.25	0.25	(0.0)

standard and adapted CIELAB

LAB*LAB	83.54	16.34	12.62
LAB*LABa	83.54	16.34	12.62
LAB*LABb	87.5	20.65	37.7

relative CIELAB lab*

lab*lab	0.847	0.198	0.153
lab*tch	0.847	0.198	0.153
lab*nch	0.0	0.25	0.105

relative Natural Colour (NC)

lab*trj	0.847	0.198	0.153
lab*tce	0.847	0.198	0.153
lab*nce	0.0	0.25	0.105

relative Inform. Technology (IT)

olvi3*	0.75	0.5	0.5	(1.0)
cmyn3*	0.25	0.5	0.5	(0.0)
olvi4*	1.0	0.75	0.75	(1.0)
cmyn4*	0.0	0.25	0.25	(0.0)

standard and adapted CIELAB

LAB*LAB	64.19	15.96	15.28
LAB*LABa	64.19	15.96	15.28
LAB*LABb	64.19	16.34	12.63

relative CIELAB lab*

lab*lab	0.642	0.238	0.075
lab*tch	0.642	0.238	0.075
lab*nch	0.0	0.25	0.048

relative Natural Colour (NC)

lab*trj	0.642	0.238	0.075
lab*tce	0.642	0.238	0.075
lab*nce	0.0	0.25	0.048

relative Inform. Technology (IT)

olvi3*	0.5	0.5	0.5	(1.0)
cmyn3*	0.5	0.5	0.5	(0.0)
olvi4*	1.0	0.5	0.5	(1.0)
cmyn4*	0.0	0.5	0.5	(0.0)

standard and adapted CIELAB

LAB*LAB	56.71	20.23	21.4
LAB*LABa	56.71	20.23	21.4
LAB*LABb	50.0	42.18	24.01

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)

olvi3*	0.25	0.25	0.25	(1.0)
cmyn3*	0.75	0.75	0.75	(0.0)
olvi4*	1.0	0.25	0.25	(1.0)
cmyn4*	0.0	0.25	0.25	(0.0)

standard and adapted CIELAB

LAB*LAB	44.84	16.33	13.98
LAB*LABa	44.84	16.33	13.98
LAB*LABb	37.5	20.65	37.7

relative CIELAB lab*

lab*lab	0.347	0.198	0.153
lab*tch	0.347	0.198	0.153
lab*nch	0.0	0.25	0.105

relative Natural Colour (NC)

lab*trj	0.347	0.198	0.153
lab*tce	0.347	0.198	0.153
lab*nce	0.0	0.25	0.105

relative Inform. Technology (IT)

olvi3*	0.5	0.0	0.0	(1.0)
cmyn3*	0.5	0.0	0.0	(0.0)
olvi4*	1.0	0.0	0.0	(1.0)
cmyn4*	0.0	0.0	0.0	(0.0)

standard and adapted CIELAB

LAB*LAB	56.71	20.23	21.4
LAB*LABa	56.71	20.23	21.4
LAB*LABb	50.0	42.18	24.01

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

$n^* = 0.00$

$n^* = 0.25$

Input: Colorimetric Reflective System NRS11

for hue $h^* = lab^*h = 91/360 = 0.253$

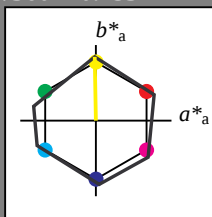
lab^*tch and lab^*nch

D65: hue J

LCH*Ma: 53 84 91

rgb*Ma: 1.0 1.0 0.0

triangle lightness t^*



NRS11; adapted (a) CIELAB data

	$L^* = L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
RMa	53.2	77.06	34.32	84.36	24
JMa	53.2	-1.51	84.38	84.39	91
GMa	53.2	-82.27	18.98	84.44	167
G50BMa	53.2	-77.72	-32.98	84.44	203
BMa	53.2	4.37	-84.28	84.41	273
B50RMa	53.2	69.09	-48.41	84.37	325
NMa	10.99	0.0	0.0	0.0	0
WMa	95.41	0.0	0.0	0.0	0
RCIE	39.92	58.69	27.98	65.01	25
JCIE	81.26	-2.9	71.56	71.62	92
GCIE	52.23	-42.45	13.59	44.59	162
BCIE	30.57	1.35	-46.48	46.51	272

%Regularity

$g^*_{H,rel} = 47$

$g^*_{C,rel} = 100$

relative Inform. Technology (IT)
olvi3* 1.0 1.0 1.0 (1.0)
cmyn3* 0.0 0.0 0.0 (0.0)
olvi4* 1.0 1.0 1.0 (1.0)
cmyn4* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 95.41 0.0 -0.01
LAB*LABa 95.41 0.0 0.0
LAB*TCHa 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)
olvi3* 0.75 0.75 0.75 (1.0)
cmyn3* 0.25 0.25 0.25 (0.0)
olvi4* 1.0 1.0 1.0 (1.0)
cmyn4* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 74.31 0.02 0.0
LAB*LABa 74.31 0.02 0.0
LAB*TCHa 75.00 0.01 0.0

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

relative Inform. Technology (IT)
olvi3* 0.5 0.5 0.5 (0.0)
cmyn3* 0.5 0.5 0.5 (0.0)
olvi4* 1.0 1.0 1.0 (1.0)
cmyn4* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 53.21 0.04 0.0
LAB*LABa 53.21 0.04 0.0
LAB*TCHa 50.00 0.01 0.0

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

relative Inform. Technology (IT)
olvi3* 0.25 0.25 0.25 (0.0)
cmyn3* 0.75 0.75 0.75 (1.0)
olvi4* 1.0 1.0 1.0 (1.0)
cmyn4* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 32.11 0.07 0.01
LAB*LABa 32.11 0.07 0.01
LAB*TCHa 25.00 0.01 0.0

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

relative Inform. Technology (IT)
olvi3* 0.0 0.0 0.0 (1.0)
cmyn3* 1.0 1.0 1.0 (0.0)
olvi4* 1.0 1.0 1.0 (0.0)
cmyn4* 0.0 0.0 0.0 (1.0)
standard and adapted CIELAB
LAB*LAB 11.01 0.07 0.01
LAB*LABa 11.01 0.07 0.01
LAB*TCHa 0.01 0.01 0.0

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

relative Inform. Technology (IT)
olvi3* 0.0 0.0 0.0 (1.0)
cmyn3* 1.0 1.0 1.0 (0.0)
olvi4* 1.0 1.0 1.0 (0.0)
cmyn4* 0.0 0.0 0.0 (1.0)
standard and adapted CIELAB
LAB*LAB 11.01 0.07 0.01
LAB*LABa 11.01 0.07 0.01
LAB*TCHa 0.01 0.01 0.0

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

relative Inform. Technology (IT)
olvi3* 1.0 1.0 0.75 (1.0)
cmyn3* 0.0 0.0 0.25 (0.0)
olvi4* 1.0 1.0 0.75 (1.0)
cmyn4* 0.0 0.0 0.25 (0.0)
standard and adapted CIELAB
LAB*LAB 84.85 -0.37 21.09
LAB*LABa 84.85 -0.37 21.09
LAB*TCHa 97.5 21.09 91.03

relative CIELAB lab*
lab*lab 0.875 -0.003 0.25
lab*tch 0.875 0.25 0.253
lab*nch 0.0 0.25 0.253
relative Natural Colour (NC)
lab*trj 0.875 0.008 0.25
lab*tce 0.875 0.25 0.245
lab*nce 0.0 0.25 0.253

relative Inform. Technology (IT)
olvi3* 0.75 0.75 0.5 (1.0)
cmyn3* 0.25 0.25 0.5 (0.0)
olvi4* 1.0 1.0 0.75 (1.0)
cmyn4* 0.0 0.0 0.5 (0.0)
standard and adapted CIELAB
LAB*LAB 63.75 -0.33 21.1
LAB*LABa 63.75 -0.33 21.1
LAB*TCHa 62.5 21.1 91.03

relative CIELAB lab*
lab*lab 0.625 -0.003 0.25
lab*tch 0.625 0.25 0.253
lab*nch 0.0 0.25 0.253
relative Natural Colour (NC)
lab*trj 0.625 0.008 0.25
lab*tce 0.625 0.25 0.245
lab*nce 0.0 0.25 0.253

relative Inform. Technology (IT)
olvi3* 0.5 0.5 0.25 (1.0)
cmyn3* 0.5 0.5 0.25 (0.0)
olvi4* 1.0 1.0 0.75 (1.0)
cmyn4* 0.0 0.0 0.25 (0.0)
standard and adapted CIELAB
LAB*LAB 53.21 0.04 0.0
LAB*LABa 53.21 0.04 0.0
LAB*TCHa 50.00 0.01 0.0

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

relative Inform. Technology (IT)
olvi3* 0.25 0.25 0.25 (0.0)
cmyn3* 0.75 0.75 0.25 (1.0)
olvi4* 1.0 1.0 0.25 (1.0)
cmyn4* 0.0 0.0 0.25 (0.0)
standard and adapted CIELAB
LAB*LAB 32.11 0.07 0.01
LAB*LABa 32.11 0.07 0.01
LAB*TCHa 25.00 0.01 0.0

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

relative Inform. Technology (IT)
olvi3* 0.0 0.0 0.0 (1.0)
cmyn3* 1.0 1.0 0.0 (0.0)
olvi4* 1.0 1.0 0.0 (0.0)
cmyn4* 0.0 0.0 0.0 (1.0)
standard and adapted CIELAB
LAB*LAB 11.01 0.07 0.01
LAB*LABa 11.01 0.07 0.01
LAB*TCHa 0.01 0.01 0.0

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

relative Inform. Technology (IT)
olvi3* 1.0 1.0 0.5 (1.0)
cmyn3* 0.0 0.0 0.5 (0.0)
olvi4* 1.0 1.0 0.5 (1.0)
cmyn4* 0.0 0.0 0.5 (0.0)
standard and adapted CIELAB
LAB*LAB 74.3 -0.72 42.18
LAB*LABa 74.3 -0.72 42.18
LAB*TCHa 75.0 42.19 91.03

relative CIELAB lab*
lab*lab 0.75 -0.008 0.5
lab*tch 0.75 0.5 0.253
lab*nch 0.0 0.5 0.253
relative Natural Colour (NC)
lab*trj 0.75 0.015 0.5
lab*tce 0.75 0.5 0.245
lab*nce 0.0 0.5 0.253

relative Inform. Technology (IT)
olvi3* 0.75 0.75 0.25 (1.0)
cmyn3* 0.25 0.25 0.75 (0.0)
olvi4* 1.0 1.0 0.75 (1.0)
cmyn4* 0.0 0.0 0.75 (0.0)
standard and adapted CIELAB
LAB*LAB 53.2 -0.72 42.2
LAB*LABa 53.2 -0.72 42.2
LAB*TCHa 50.0 42.2 91.03

relative CIELAB lab*
lab*lab 0.5 -0.008 0.5
lab*tch 0.5 0.5 0.253
lab*nch 0.0 0.5 0.253
relative Natural Colour (NC)
lab*trj 0.5 0.015 0.5
lab*tce 0.5 0.5 0.245
lab*nce 0.0 0.5 0.253

relative Inform. Technology (IT)
olvi3* 0.5 0.5 0.0 (1.0)
cmyn3* 0.5 0.5 0.0 (0.0)
olvi4* 1.0 1.0 0.5 (1.0)
cmyn4* 0.0 0.0 0.5 (0.0)
standard and adapted CIELAB
LAB*LAB 53.2 -0.72 42.2
LAB*LABa 53.2 -0.72 42.2
LAB*TCHa 50.0 42.2 91.03

relative CIELAB lab*
lab*lab 0.5 -0.017 1.0
lab*tch 0.5 0.5 0.253
lab*nch 0.0 0.5 0.253
relative Natural Colour (NC)
lab*trj 0.5 0.031 0.999
lab*tce 0.5 0.5 0.245
lab*nce 0.0 0.5 0.981

relative Inform. Technology (IT)
olvi3* 0.25 0.25 0.25 (0.0)
cmyn3* 0.75 0.75 0.25 (1.0)
olvi4* 1.0 1.0 0.25 (1.0)
cmyn4* 0.0 0.0 0.25 (0.0)
standard and adapted CIELAB
LAB*LAB 32.11 0.07 0.01
LAB*LABa 32.11 0.07 0.01
LAB*TCHa 25.00 0.01 0.0

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

relative Inform. Technology (IT)
olvi3* 0.0 0.0 0.0 (1.0)
cmyn3* 1.0 1.0 0.0 (0.0)
olvi4* 1.0 1.0 0.0 (0.0)
cmyn4* 0.0 0.0 0.0 (1.0)
standard and adapted CIELAB
LAB*LAB 11.01 0.07 0.01
LAB*LABa 11.01 0.07 0.01
LAB*TCHa 0.01 0.01 0.0

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

relative Inform. Technology (IT)
olvi3* 1.0 1.0 0.25 (1.0)
cmyn3* 0.0 0.0 0.25 (0.0)
olvi4* 1.0 1.0 0.25 (1.0)
cmyn4* 0.0 0.0 0.25 (0.0)
standard and adapted CIELAB
LAB*LAB 63.75 -1.09 63.28
LAB*LABa 63.75 -1.13 63.27
LAB*TCHa 62.5 63.28 91.03

relative CIELAB lab*
lab*lab 0.625 -0.012 0.75
lab*tch 0.625 0.75 0.253
lab*nch 0.0 0.75 0.253
relative Natural Colour (NC)
lab*trj 0.625 0.023 0.75
lab*tce 0.625 0.75 0.245
lab*nce 0.0 0.75 0.253

relative Inform. Technology (IT)
olvi3* 0.75 0.75 0.0 (1.0)
cmyn3* 0.25 0.25 0.75 (0.0)
olvi4* 1.0 1.0 0.75 (1.0)
cmyn4* 0.0 0.0 0.75 (0.0)
standard and adapted CIELAB
LAB*LAB 53.2 -1.46 84.37
LAB*LABa 53.2 -1.51 84.36
LAB*TCHa 50.0 84.37 91.03

relative CIELAB lab*
lab*lab 0.5 -0.017 1.0
lab*tch 0.5 0.5 0.253
lab*nch 0.0 0.5 0.253
relative Natural Colour (NC)
lab*trj 0.5 0.031 0.999
lab*tce 0.5 0.5 0.245
lab*nce 0.0 0.5 0.981

relative Inform. Technology (IT)
olvi3* 0.5 0.5 0.5 (0.0)
cmyn3* 0.5 0.5 0.5 (0.0)
olvi4* 1.0 1.0 0.5 (1.0)
cmyn4* 0.0 0.0 0.5 (0.0)
standard and adapted CIELAB
LAB*LAB 56.71 0.23 21.4
LAB*LABa 56.71 0.23 21.4
LAB*TCHa 50.0 0.01 0.0

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

relative Inform. Technology (IT)
olvi3* 0.25 0.25 0.25 (0.0)
cmyn3* 0.75 0.75 0.25 (1.0)
olvi4* 1.0 1.0 0.25 (1.0)
cmyn4* 0.0 0.0 0.25 (0.0)
standard and adapted CIELAB
LAB*LAB 32.11 0.07 0.01
LAB*LABa 32.11 0.07 0.01
LAB*TCHa 25.00 0.01 0.0

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

relative Inform. Technology (IT)
olvi3* 0.0 0.0 0.0 (1.0)
cmyn3* 1.0 1.0 0.0 (0.0)
olvi4* 1.0 1.0 0.0 (0.0)
cmyn4* 0.0 0.0 0.0 (1.0)
standard and adapted CIELAB
LAB*LAB 11.01 0.07 0.01
LAB*LABa 11.01 0.07 0.01
LAB*TCHa 0.01 0.01 0.0

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

relative Inform. Technology (IT)
olvi3* 0.75 0.75 0.75 (1.0)
cmyn3* 0.25 0.25 0.25 (0.0)
olvi4* 1.0 1.0 1.0 (1.0)
cmyn4* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 76.06 -0.6 3.44
LAB*LABa 76.06 -0.6 3.44
LAB*TCHa 75.0 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*tce 1.0 0.0 0.0
lab*nce 0.0 0.0 0.0

relative Inform. Technology (IT)
olvi3* 0.75 0.75 0.5 (1.0)
cmyn3* 0.25 0.25 0.5 (0.0)
olvi4* 1.0 1.0 0.75 (1.0)
cmyn4* 0.0 0.0 0.5 (0.0)
standard and adapted CIELAB
LAB*LAB 63.75 -0.72 42.18
LAB*LABa 63.75 -0.72 42.18
LAB*TCHa 62.5 42.19 91.03

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)
olvi3* 0.5 0.5 0.5 (0.0)
cmyn3* 0.5 0.5 0.5 (0.0)
olvi4* 1.0 1.0 0.5 (1.0)
cmyn4* 0.0 0.0 0.5 (0.0)
standard and adapted CIELAB
LAB*LAB 56.71 0.23 21.4
LAB*LABa 56.71 0.23 21.4
LAB*TCHa 50.0 0.01 0.0

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

relative Inform. Technology (IT)
olvi3* 0.25 0.25 0.25 (0.0)
cmyn3* 0.75 0.75 0.25 (1.0)
olvi4* 1.0 1.0 0.25 (1.0)
cmyn4* 0.0 0.0 0.25 (0.0)
standard and adapted CIELAB
LAB*LAB 32.11 0.07 0.01
LAB*LABa 32.11 0.07 0.01
LAB*TCHa 25.00 0.01 0.0

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

relative Inform. Technology (IT)
olvi3* 0.0 0.0 0.0 (1.0)
cmyn3* 1.0 1.0 0.0 (0.0)
olvi4* 1.0 1.0 0.0 (0.0)
cmyn4* 0.0 0.0 0.0 (1.0)
standard and adapted CIELAB
LAB*LAB 11.01 0.07 0.01
LAB*LABa 11.01 0.07 0.01
LAB*TCHa 0.01 0.01 0.0

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

Output: Colorimetric Reflective System ORS18

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

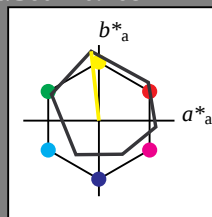
lab^*tch and lab^*nch

D65: hue Y

LCH*Ma: 90 92 96

rgb*Ma: 1.0 1.0 0.0

triangle lightness t^*



ORS18; adapted (a) CIELAB data

	$L^* = L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
OMa	47.94	65.37	50.52	82.62	38
YMa	90.37	-10.27	91.77	92.34	96
LMa	50.9	-62.79	34.95	71.87	151
CLMa	58.62	-30.35	-45.01	54.3	236
VMa	25.71	31.11	-44.42	54.24	305
MMa	48.13	75.27	-8.35	75.73	354
NMa	18.01	0.0	0.0	0.0	0
WMa	95.41	0.0	0.0	0.0	0
RCIE	39.92	58.66	26.98	64.56	25
JCIE	81.26	-2.17	67.76	67.79	92
GCIE	52.23	-42.26	11.75	43.87	164
BCIE	30.57	1.15	-46.84	46.87	271

Input: Colorimetric Reflective System NRS11

for hue $h^* = lab^*h = 203/360 = 0.564$

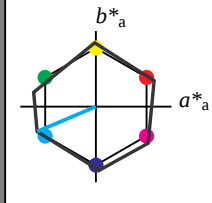
lab^*tch and lab^*nch

D65: hue G50B

LCH*Ma: 53 84 203

rgb*Ma: 0.0 1.0 1.0

triangle lightness t^*



NRS11; adapted (a) CIELAB data					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
RMa	53.2	77.06	34.32	84.36	24
JMa	53.2	-1.51	84.38	84.39	91
GMa	53.2	-82.27	18.98	84.44	167
G50B _{Ma}	53.2	-77.72	-32.98	84.44	203
B _{Ma}	53.2	4.37	-84.28	84.41	273
B50R _{Ma}	53.2	69.09	-48.41	84.37	325
N _{Ma}	10.99	0.0	0.0	0.0	0
W _{Ma}	95.41	0.0	0.0	0.0	0
RCIE	39.92	58.69	27.98	65.01	25
JCIE	81.26	-2.9	71.56	71.62	92
GCIE	52.23	-42.45	13.59	44.59	162
BCIE	30.57	1.35	-46.48	46.51	272

%Regularity

$g^*_{H,rel} = 47$

$g^*_{C,rel} = 100$

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

relative Inform. Technology (IT)					
olvi3*	0.75	1.0	1.0	(0.0)	
cmyn3*	0.25	0.0	0.0	(0.0)	
olvi4*	0.75	1.0	1.0	1.0	
cmyn4*	0.25	0.0	0.0	0.0	
standard and adapted CIELAB					
LAB*LAB	84.85	-19.4	-8.23		
LAB*LAB _a	84.85	-19.42	-8.23		

Input: Colorimetric Reflective System NRS11

for hue $h^* = lab^*h = 273/360 = 0.758$

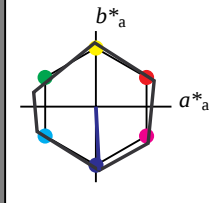
lab^*tch and lab^*nch

D65: hue B

LCH*Ma: 53 84 273

rgb*Ma: 0.0 0.0 1.0

triangle lightness t^*



NRS11; adapted (a) CIELAB data					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
RMa	53.2	77.06	34.32	84.36	24
JMa	53.2	-1.51	84.38	84.39	91
GMa	53.2	-82.27	18.98	84.44	167
G50BMa	53.2	-77.72	-32.98	84.44	203
BMa	53.2	4.37	-84.28	84.41	273
B50RMa	53.2	69.09	-48.41	84.37	325
NMa	10.99	0.0	0.0	0.0	0
WMa	95.41	0.0	0.0	0.0	0
RCIE	39.92	58.69	27.98	65.01	25
JCIE	81.26	-2.9	71.56	71.62	92
GCIE	52.23	-42.45	13.59	44.59	162
BCIE	30.57	1.35	-46.48	46.51	272

%Regularity

$g^*_{H,rel} = 47$

$g^*_{C,rel} = 100$

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

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

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

relative Inform. Technology (IT)			
olvi3*	0.5	0.5	0.75 (1.0)
cmyn3*	0.5	0.5	0.25 (0.0)
olvi4*	0.75	0.75	1.0
cmyn4*	0.25	0.25	0.0
standard and adapted CIELAB			
LAB*LAB	63.75	1.13	-21.06
LAB*LABa	63.75	1.09	-21.06
LAB*TCHa	62.5	21.1	272.97

Input: Colorimetric Reflective System NRS11

for hue $h^* = lab^*h = 325/360 = 0.903$

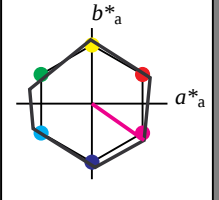
lab^*tch and lab^*nch

D65: hue B50R

LCH*Ma: 53 84 325

rgb*Ma: 1.0 0.0 1.0

triangle lightness t^*



NRS11; adapted (a) CIELAB data					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
RMa	53.2	77.06	34.32	84.36	24
JMa	53.2	-1.51	84.38	84.39	91
GMa	53.2	-82.27	18.98	84.44	167
G50BMa	53.2	-77.72	-32.98	84.44	203
BMa	53.2	4.37	-84.28	84.41	273
B50RMa	53.2	69.09	-48.41	84.37	325
NMa	10.99	0.0	0.0	0.0	0
WMa	95.41	0.0	0.0	0.0	0
RCIE	39.92	58.69	27.98	65.01	25
JCIE	81.26	-2.9	71.56	71.62	92
GCIE	52.23	-42.45	13.59	44.59	162
BCIE	30.57	1.35	-46.48	46.51	272

%Regularity

$g^*_{H,rel} = 47$

$g^*_{C,rel} = 100$

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

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

relative Inform. Technology (IT)	
olvi3*	1.0 0.5 1.0 (1.0)
olvi4*	0.0 0.5 0.0 (0.0)
olvi5*	1.0 0.5 1.0 (1.0)
olvi6*	0.0 0.5 0.0 (0.0)
olvi7*	1.0 0.5 1.0 (1.0)
olvi8*	0.0 0.5 0.0 (0.0)
olvi9*	1.0 0.5 1.0 (1.0)
olvi10*	0.0 0.5 0.0 (0.0)
olvi11*	1.0 0.5 1.0 (1.0)
olvi12*	0.0 0.5 0.0 (0.0)
olvi13*	1.0 0.5 1.0 (1.0)
olvi14*	0.0 0.5 0.0 (0.0)
olvi15*	1.0 0.5 1.0 (1.0)
olvi16*	0.0 0.5 0.0 (0.0)
olvi17*	1.0 0.5 1.0 (1.0)
olvi18*	0.0 0.5 0.0 (0.0)
olvi19*	1.0 0.5 1.0 (1.0)
olvi20*	0.0 0.5 0.0 (0.0)
olvi21*	1.0 0.5 1.0 (1.0)
olvi22*	0.0 0.5 0.0 (0.0)
olvi23*	1.0 0.5 1.0 (1.0)
olvi24*	0.0 0.5 0.0 (0.0)
olvi25*	1.0 0.5 1.0 (1.0)
olvi26*	0.0 0.5 0.0 (0.0)
olvi27*	1.0 0.5 1.0 (1.0)
olvi28*	0.0 0.5 0.0 (0.0)
olvi29*	1.0 0.5 1.0 (1.0)
olvi30*	0.0 0.5 0.0 (0.0)
olvi31*	1.0 0.5 1.0 (1.0)
olvi32*	0.0 0.5 0.0 (0.0)
olvi33*	1.0 0.5 1.0 (1.0)
olvi34*	0.0 0.5 0.0 (0.0)
olvi35*	1.0 0.5 1.0 (1.0)
olvi36*	0.0 0.5 0.0 (0.0)
olvi37*	1.0 0.5 1.0 (1.0)
olvi38*	0.0 0.5 0.0 (0.0)
olvi39*	1.0 0.5 1.0 (1.0)
olvi40*	0.0 0.5 0.0 (0.0)
olvi41*	1.0 0.5 1.0 (1.0)
olvi42*	0.0 0.5 0.0 (0.0)
olvi43*	1.0 0.5 1.0 (1.0)
olvi44*	0.0 0.5 0.0 (0.0)
olvi45*	1.0 0.5 1.0 (1.0)
olvi46*	0.0 0.5 0.0 (0.0)
olvi47*	1.0 0.5 1.0 (1.0)
olvi48*	0.0 0.5 0.0 (0.0)
olvi49*	1.0 0.5 1.0 (1.0)
olvi50*	0.0 0.5 0.0 (0.0)
olvi51*	1.0 0.5 1.0 (1.0)
olvi52*	0.0 0.5 0.0 (0.0)
olvi53*	1.0 0.5 1.0 (1.0)
olvi54*	0.0 0.5 0.0 (0.0)
olvi55*	1.0 0.5 1.0 (1.0)
olvi56*	0.0 0.5 0.0 (0.0)
olvi57*	1.0 0.5 1.0 (1.0)
olvi58*	0.0 0.5 0.0 (0.0)
olvi59*	1.0 0.5 1.0 (1.0)
olvi60*	0.0 0.5 0.0 (0.0)
olvi61*	1.0 0.5 1.0 (1.0)
olvi62*	0.0 0.5 0.0 (0.0)
olvi63*	1.0 0.5 1.0 (1.0)
olvi64*	0.0 0.5 0.0 (0.0)
olvi65*	1.0 0.5 1.0 (1.0)
olvi66*	0.0 0.5 0.0 (0.0)
olvi67*	1.0 0.5 1.0 (1.0)
olvi68*	0.0 0.5 0.0 (0.0)
olvi69*	1.0 0.5 1.0 (1.0)
olvi70*	0.0 0.5 0.0 (0.0)
olvi71*	1.0 0.5 1.0 (1.0)
olvi72*	0.0 0.5 0.0 (0.0)
olvi73*	1.0 0.5 1.0 (1.0)
olvi74*	0.0 0.5 0.0 (0.0)
olvi75*	1.0 0.5 1.0 (1.0)
olvi76*	0.0 0.5 0.0 (0.0)
olvi77*	1.0 0.5 1.0 (1.0)
olvi78*	0.0 0.5 0.0 (0.0)
olvi79*	1.0 0.5 1.0 (1.0)
olvi80*	0.0 0.5 0.0 (0.0)
olvi81*	1.0 0.5 1.0 (1.0)
olvi82*	0.0 0.5 0.0 (0.0)
olvi83*	1.0 0.5 1.0 (1.0)
olvi84*	0.0 0.5 0.0 (0.0)
olvi85*	1.0 0.5 1.0 (1.0)
olvi86*	0.0 0.5 0.0 (0.0)
olvi87*	1.0 0.5 1.0 (1.0)
olvi88*	0.0 0.5 0.0 (0.0)
olvi89*	1.0 0.5 1.0 (1.0)
olvi90*	0.0 0.5 0.0 (0.0)
olvi91*	1.0 0.5 1.0 (1.0)
olvi92*	0.0 0.5 0.0 (0.0)
olvi93*	1.0 0.5 1.0 (1.0)
olvi94*	0.0 0.5 0.0 (0.0)
olvi95*	1.0 0.5 1.0 (1.0)
olvi96*	0.0 0.5 0.0 (0.0)
olvi97*	1.0 0.5 1.0 (1.0)
olvi98*	0.0 0.5 0.0 (0.0)
olvi99*	1.0 0.5 1.0 (1.0)
olvi100*	0.0 0.5 0.0 (0.0)

relative Inform. Technology (IT)	
olvi3*	1.0 0.25 1.0 (1.0)
olvi4*	0.0 0.25 0.0 (0.0)
olvi5*	1.0 0.25 1.0 (1.0)
olvi6*	0.0 0.25 0.0 (0.0)
olvi7*	1.0 0.25 1.0 (1.0)
olvi8*	0.0 0.25 0.0 (0.0)
olvi9*	1.0 0.25 1.0 (1.0)
olvi10*	0.0 0.25 0.0 (0.0)
olvi11*	1.0 0.25 1.0 (1.0)
olvi12*	0.0 0.25 0.0 (0.0)
olvi13*	1.0 0.25 1.0 (1.0)
olvi14*	0.0 0.25 0.0 (0.0)
olvi15*	1.0 0.25 1.0 (1.0)
olvi16*	0.0 0.25 0.0 (0.0)
olvi17*	1.0 0.25 1.0 (1.0)
olvi18*	0.0 0.25 0.0 (0.0)
olvi19*	1.0 0.25 1.0 (1.0)
olvi20*	0.0 0.2

Input: Colorimetric Reflective System NRS11

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

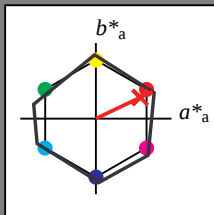
lab^*tch and lab^*nch

D65: hue R

LCH*Ma: 53 83 25

rgb*Ma: 1.0 0.03 0.0

triangle lightness t^*



NRS11; adapted (a) CIELAB data

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
RMa	53.2	77.06	34.32	84.36	24
JMa	53.2	-1.51	84.38	84.39	91
GMa	53.2	-82.27	18.98	84.44	167
G50BMa	53.2	-77.72	-32.98	84.44	203
BMa	53.2	4.37	-84.28	84.41	273
B50RMa	53.2	69.09	-48.41	84.37	325
NMa	10.99	0.0	0.0	0.0	0
WMa	95.41	0.0	0.0	0.0	0
RCIE	39.92	58.69	27.98	65.01	25
JCIE	81.26	-2.9	71.56	71.62	92
GCIE	52.23	-42.45	13.59	44.59	162
BCIE	30.57	1.35	-46.48	46.51	272

%Regularity

$g^*_{H,rel} = 47$

$g^*_{C,rel} = 100$

relative Inform. Technology (IT)
olvi3* 1.0 1.0 1.0 (1.0)
cmyn3* 0.0 0.0 0.0 (0.0)
olvi4* 1.0 1.0 1.0 (1.0)
cmyn4* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 95.41 0.0 -0.01
LAB*LABa 95.41 0.0 0.0
LAB*TCHa 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)
olvi3* 0.75 0.75 0.75 (1.0)
cmyn3* 0.25 0.25 0.25 (0.0)
olvi4* 1.0 1.0 1.0 (1.0)
cmyn4* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 74.31 0.02 0.0
LAB*LABa 74.31 0.02 0.0
LAB*TCHa 75.00 0.01 0.0

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

relative Inform. Technology (IT)
olvi3* 0.5 0.5 0.5 (0.0)
cmyn3* 0.5 0.5 0.5 (0.0)
olvi4* 1.0 1.0 1.0 (1.0)
cmyn4* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 53.21 0.04 0.0
LAB*LABa 53.21 0.04 0.0
LAB*TCHa 50.00 0.01 0.0

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

relative Inform. Technology (IT)
olvi3* 0.25 0.25 0.25 (0.0)
cmyn3* 0.75 0.75 0.75 (1.0)
olvi4* 1.0 1.0 1.0 (1.0)
cmyn4* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 32.11 0.07 0.01
LAB*LABa 32.11 0.07 0.01
LAB*TCHa 25.00 0.01 0.0

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

relative Inform. Technology (IT)
olvi3* 0.0 0.0 0.0 (1.0)
cmyn3* 1.0 1.0 1.0 (0.0)
olvi4* 1.0 1.0 1.0 (0.0)
cmyn4* 0.0 0.0 0.0 (1.0)
standard and adapted CIELAB
LAB*LAB 11.01 0.07 0.01
LAB*LABa 11.01 0.07 0.01
LAB*TCHa 0.01 0.01 0.0

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

$n^* = 1.0$

relative Inform. Technology (IT)
olvi3* 1.0 1.0 1.0 (1.0)
cmyn3* 0.0 0.243 0.25 (0.0)
olvi4* 1.0 1.0 1.0 (1.0)
cmyn4* 0.0 0.243 0.25 (0.0)
standard and adapted CIELAB
LAB*LAB 84.85 18.73 8.92
LAB*LABa 84.85 18.73 8.92
LAB*TCHa 87.5 20.74 25.49

relative CIELAB lab*
lab*lab 0.875 0.25 0.108
lab*tch 0.875 0.25 0.071
lab*nch 0.0 0.25 0.071
relative Natural Colour (NC)
lab*trj 0.875 0.25 0.0
lab*tce 0.875 0.25 0.0
lab*nce 0.0 0.25 0.099

relative Inform. Technology (IT)
olvi3* 0.75 0.75 0.75 (1.0)
cmyn3* 0.25 0.489 0.5 (0.0)
olvi4* 1.0 1.0 1.0 (1.0)
cmyn4* 0.0 0.757 0.75 (0.0)
standard and adapted CIELAB
LAB*LAB 63.75 18.76 8.93
LAB*LABa 63.75 18.76 8.93
LAB*TCHa 62.5 20.74 25.49

relative CIELAB lab*
lab*lab 0.625 0.25 0.108
lab*tch 0.625 0.25 0.071
lab*nch 0.25 0.25 0.071
relative Natural Colour (NC)
lab*trj 0.625 0.25 0.0
lab*tce 0.625 0.25 0.0
lab*nce 0.25 0.25 0.099

relative Inform. Technology (IT)
olvi3* 0.5 0.5 0.5 (0.0)
cmyn3* 0.5 0.743 0.75 (0.0)
olvi4* 1.0 1.0 1.0 (1.0)
cmyn4* 0.0 0.757 0.75 (0.0)
standard and adapted CIELAB
LAB*LAB 42.65 18.77 8.94
LAB*LABa 42.65 18.77 8.94
LAB*TCHa 37.5 20.74 25.49

relative CIELAB lab*
lab*lab 0.375 0.25 0.108
lab*tch 0.375 0.25 0.071
lab*nch 0.25 0.25 0.071
relative Natural Colour (NC)
lab*trj 0.375 0.25 0.0
lab*tce 0.375 0.25 0.0
lab*nce 0.25 0.25 0.099

relative Inform. Technology (IT)
olvi3* 0.25 0.25 0.25 (0.0)
cmyn3* 0.75 0.993 1.0 (0.0)
olvi4* 1.0 1.0 1.0 (0.0)
cmyn4* 0.0 0.243 0.25 (0.0)
standard and adapted CIELAB
LAB*LAB 21.55 18.79 8.94
LAB*LABa 21.55 18.79 8.94
LAB*TCHa 12.5 20.74 25.49

relative CIELAB lab*
lab*lab 0.125 0.25 0.107
lab*tch 0.125 0.25 0.071
lab*nch 0.25 0.25 0.071
relative Natural Colour (NC)
lab*trj 0.125 0.25 0.0
lab*tce 0.125 0.25 0.0
lab*nce 0.25 0.25 0.099

relative Inform. Technology (IT)
olvi3* 0.0 0.0 0.0 (1.0)
cmyn3* 1.0 1.0 1.0 (0.0)
olvi4* 1.0 1.0 1.0 (0.0)
cmyn4* 0.0 0.0 0.0 (1.0)
standard and adapted CIELAB
LAB*LAB 11.01 0.07 0.01
LAB*LABa 11.01 0.07 0.01
LAB*TCHa 0.01 0.01 0.0

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

$n^* = 0.50$

relative Inform. Technology (IT)
olvi3* 1.0 1.0 1.0 (1.0)
cmyn3* 0.0 0.514 0.5 (1.0)
olvi4* 1.0 1.0 1.0 (1.0)
cmyn4* 0.0 0.514 0.5 (1.0)
standard and adapted CIELAB
LAB*LAB 74.3 37.44 17.85
LAB*LABa 74.3 37.44 17.85
LAB*TCHa 75.0 41.47 25.49

relative CIELAB lab*
lab*lab 0.75 0.514 0.215
lab*tch 0.75 0.5 0.071
lab*nch 0.0 0.5 0.071
relative Natural Colour (NC)
lab*trj 0.75 0.5 0.0
lab*tce 0.75 0.5 0.0
lab*nce 0.0 0.5 0.099

relative Inform. Technology (IT)
olvi3* 0.75 0.264 0.25 (1.0)
cmyn3* 0.25 0.736 0.75 (0.0)
olvi4* 1.0 1.0 1.0 (1.0)
cmyn4* 0.0 0.514 0.5 (0.0)
standard and adapted CIELAB
LAB*LAB 53.2 37.49 17.86
LAB*LABa 53.2 37.49 17.86
LAB*TCHa 50.0 41.48 25.49

relative CIELAB lab*
lab*lab 0.625 0.25 0.108
lab*tch 0.625 0.25 0.071
lab*nch 0.25 0.25 0.071
relative Natural Colour (NC)
lab*trj 0.625 0.25 0.0
lab*tce 0.625 0.25 0.0
lab*nce 0.25 0.25 0.099

relative Inform. Technology (IT)
olvi3* 0.5 0.014 0.0 (1.0)
cmyn3* 0.5 0.743 0.75 (0.0)
olvi4* 1.0 1.0 1.0 (1.0)
cmyn4* 0.0 0.757 0.75 (0.0)
standard and adapted CIELAB
LAB*LAB 32.1 37.51 17.86
LAB*LABa 32.1 37.51 17.86
LAB*TCHa 37.5 20.74 25.49

relative CIELAB lab*
lab*lab 0.375 0.25 0.108
lab*tch 0.375 0.25 0.071
lab*nch 0.25 0.25 0.071
relative Natural Colour (NC)
lab*trj 0.375 0.25 0.0
lab*tce 0.375 0.25 0.0
lab*nce 0.25 0.25 0.099

relative Inform. Technology (IT)
olvi3* 0.25 0.014 0.0 (1.0)
cmyn3* 0.25 0.736 0.75 (0.0)
olvi4* 1.0 1.0 1.0 (1.0)
cmyn4* 0.0 0.514 0.5 (0.0)
standard and adapted CIELAB
LAB*LAB 21.5 37.51 17.86
LAB*LABa 21.5 37.51 17.86
LAB*TCHa 12.5 20.74 25.49

relative CIELAB lab*
lab*lab 0.125 0.25 0.107
lab*tch 0.125 0.25 0.071
lab*nch 0.25 0.25 0.071
relative Natural Colour (NC)
lab*trj 0.125 0.25 0.0
lab*tce 0.125 0.25 0.0
lab*nce 0.25 0.25 0.099

relative Inform. Technology (IT)
olvi3* 0.0 0.0 0.0 (1.0)
cmyn3* 1.0 1.0 1.0 (0.0)
olvi4* 1.0 1.0 1.0 (0.0)
cmyn4* 0.0 0.0 0.0 (1.0)
standard and adapted CIELAB
LAB*LAB 11.01 0.07 0.01
LAB*LABa 11.01 0.07 0.01
LAB*TCHa 0.01 0.01 0.0

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

$n^* = 0.25$

relative Inform. Technology (IT)
olvi3* 1.0 0.271 0.25 (1.0)
cmyn3* 0.0 0.729 0.75 (0.0)
olvi4* 1.0 0.271 0.25 (1.0)
cmyn4* 0.0 0.729 0.75 (0.0)
standard and adapted CIELAB
LAB*LAB 63.75 56.2 26.78
LAB*LABa 63.75 56.2 26.78
LAB*TCHa 62.5 62.22 25.49

relative CIELAB lab*
lab*lab 0.625 0.271 0.323
lab*tch 0.625 0.271 0.071
lab*nch 0.0 0.271 0.071
relative Natural Colour (NC)
lab*trj 0.625 0.271 0.0
lab*tce 0.625 0.271 0.0
lab*nce 0.0 0.271 0.099

relative Inform. Technology (IT)
olvi3* 1.0 0.028 0.0 (1.0)
cmyn3* 0.0 0.972 1.0 (0.0)
olvi4* 1.0 0.028 0.0 (1.0)
cmyn4* 0.0 0.972 1.0 (0.0)
standard and adapted CIELAB
LAB*LAB 53.2 74.88 35.69
LAB*LABa 53.2 74.88 35.69
LAB*TCHa 50.0 82.95 25.48

relative CIELAB lab*
lab*lab 0.5 0.903 0.43
lab*tch 0.5 0.0 0.071
lab*nch 0.0 1.0 0.071
relative Natural Colour (NC)
lab*trj 0.5 0.0 0.0
lab*tce 0.5 0.0 0.0
lab*nce 0.0 1.0 0.099

relative Inform. Technology (IT)
olvi3* 0.5 0.5 0.5 (0.0)
cmyn3* 0.5 0.743 0.75 (0.0)
olvi4* 1.0 1.0 1.0 (1.0)
cmyn4* 0.0 0.757 0.75 (0.0)
standard and adapted CIELAB
LAB*LAB 42.65 56.22 26.78
LAB*LABa 42.65 56.22 26.78
LAB*TCHa 37.51 62.22 25.48

relative CIELAB lab*
lab*lab 0.375 0.677 0.323
lab*tch 0.375 0.75 0.071
lab*nch 0.25 0.75 0.071
relative Natural Colour (NC)
lab*trj 0.375 0.75 0.0
lab*tce 0.375 0.75 0.0
lab*nce 0.25 0.75 0.099

relative Inform. Technology (IT)
olvi3* 0.25 0.014 0.0 (1.0)
cmyn3* 0.25 0.736 0.75 (0.0)
olvi4* 1.0 1.0 1.0 (1.0)
cmyn4* 0.0 0.514 0.5 (0.0)
standard and adapted CIELAB
LAB*LAB 21.5 37.51 17.86
LAB*LABa 21.5 37.51 17.86
LAB*TCHa 12.5 20.74 25.49

relative CIELAB lab*
lab*lab 0.125 0.25 0.107
lab*tch 0.125 0.25 0.071
lab*nch 0.25 0.25 0.071
relative Natural Colour (NC)
lab*trj 0.125 0.25 0.0
lab*tce 0.125 0.25 0.0
lab*nce 0.25 0.25 0.099

relative Inform. Technology (IT)
olvi3* 0.0 0.0 0.0 (1.0)
cmyn3* 1.0 1.0 1.0 (0.0)
olvi4* 1.0 1.0 1.0 (0.0)
cmyn4* 0.0 0.0 0.0 (1.0)
standard and adapted CIELAB
LAB*LAB 11.01 0.07 0.01
LAB*LABa 11.01 0.07 0.01
LAB*TCHa 0.01 0.01 0.0

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

$n^* = 0.00$

relative Inform. Technology (IT)
olvi3* 0.75 0.75 0.75 (1.0)
cmyn3* 0.25 0.5 0.5 (0.0)
olvi4* 1.0 1.0 1.0 (1.0)
cmyn4* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 76.06 -0.6 3.44
LAB*LABa 76.06 -0.6 3.44
LAB*TCHa 75.00 0.01 0.0

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

relative Inform. Technology (IT)
olvi3* 0.75 0.25 0.25 (1.0)
cmyn3* 0.25 0.75 0.75 (0.0)
olvi4* 1.0 1.0 1.0 (1.0)
cmyn4* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 53.2 74.88 35.69
LAB*LABa 53.2 74.88 35.69
LAB*TCHa 50.0 82.95 25.48

relative CIELAB lab*
lab*lab 0.625 0.25 0.108
lab*tch 0.625 0.25 0.071
lab*nch 0.25 0.25 0.071
relative Natural Colour (NC)
lab*trj 0.625 0.25 0.0
lab*tce 0.625 0.25 0.0
lab*nce 0.25 0.25 0.099

relative Inform. Technology (IT)
olvi3* 0.5 0.5 0.5 (0.0)
cmyn3* 0.5 0.743 0.75 (0.0)
olvi4* 1.0 1.0 1.0 (1.0)
cmyn4* 0.0 0.757 0.75 (0.0)
standard and adapted CIELAB
LAB*LAB 42.65 56.22 26.78
LAB*LABa 42.65 56.22 26.78
LAB*TCHa 37.51 62.22 25.48

relative CIELAB lab*
lab*lab 0.375 0.677 0.323
lab*tch 0.375 0.75 0.071
lab*nch 0.25 0.75 0.071
relative Natural Colour (NC)
lab*trj 0.375 0.75 0.0
lab*tce 0.375 0.75 0.0
lab*nce 0.25 0.75 0.099

relative Inform. Technology (IT)
olvi3* 0.25 0.25 0.25 (1.0)
cmyn3* 0.75 0.75 0.75 (0.0)
olvi4* 1.0 1.0 1.0 (1.0)
cmyn4* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 21.5 37.51 17.86
LAB*LABa 21.5 37.51 17.86
LAB*TCHa 12.5 20.74 25.49

relative CIELAB lab*
lab*lab 0.125 0.25 0.107
lab*tch 0.125 0.25 0.071
lab*nch 0.25 0.25 0.071
relative Natural Colour (NC)
lab*trj 0.125 0.25 0.0
lab*tce 0.125 0.25 0.0
lab*nce 0.25 0.25 0.099

relative Inform. Technology (IT)
olvi3* 0.0 0.0 0.0 (1.0)
cmyn3* 1.0 1.0 1.0 (0.0)
olvi4* 1.0 1.0 1.0 (0.0)
cmyn4* 0.0 0.0 0.0 (1.0)
standard and adapted CIELAB
LAB*LAB 11.01 0.07 0.01
LAB*LABa 11.01 0.07 0.01
LAB*TCHa 0.01 0.01 0.0

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

$n^* = 1.0$

Output: Colorimetric Reflective System ORS18

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

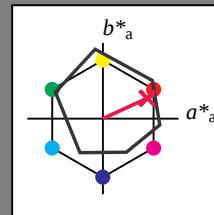
lab^*tch and lab^*nch

D65: hue R

LCH*Ma: 48 75 25

rgb*Ma: 1.0 0.0 0.32

triangle lightness t^*



ORS18; adapted (a) CIELAB data

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
OMa	47.94	65.37	50.52	82.62	38
YMa	90.37	-10.27	91.77	92.34	96
LMa	50.9	-62.79	34.95	71.87	151
CMa	58.62	-30.35	-45.01	54.3	236
VMa	25.71	31.11	-44.42	54.24	305
MMa	48.13	75.27	-8.35	75.73	354
NMa	18.01	0.0	0.0	0.0	0
WMa	95.41	0.0	0.0	0.0	0
RCIE	39.92	58.66	26.98	64.56	25</

Input: Colorimetric Reflective System NRS11

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

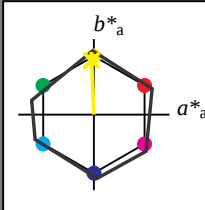
lab^*tch and lab^*nch

D65: hue J

LCH*Ma: 53 83 92

rgb*Ma: 0.98 1.0 0.0

triangle lightness t^*



relative Inform. Technology (IT)
olvi3* 1.0 1.0 1.0 (1.0)
cmyn3* 0.0 0.0 0.0 (0.0)
olvi4* 1.0 1.0 1.0 (1.0)
cmyn4* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 95.41 0.0 -0.01
LAB*Lab 95.41 0.0 0.0
LAB*TCh 99.99 0.01 0.0

relative Inform. Technology (IT)
olvi3* 0.994 1.0 0.75 (1.0)
cmyn3* 0.006 0.0 0.25 (0.0)
olvi4* 0.994 1.0 0.75 (1.0)
cmyn4* 0.006 0.0 0.25 (0.0)
standard and adapted CIELAB
LAB*LAB 84.85 -0.81 20.72
LAB*Lab 84.85 -0.82 20.72
LAB*TCh 97.5 20.73 92.31

relative Inform. Technology (IT)
olvi3* 0.75 0.75 0.75 (1.0)
cmyn3* 0.25 0.25 0.25 (0.0)
olvi4* 1.0 1.0 1.0 (1.0)
cmyn4* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 74.31 0.02 0.0
LAB*Lab 74.31 0.0 0.0
LAB*TCh 75.0 0.01 -

relative Inform. Technology (IT)
olvi3* 0.75 0.75 0.75 (1.0)
cmyn3* 0.25 0.25 0.25 (0.0)
olvi4* 1.0 1.0 1.0 (1.0)
cmyn4* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 74.31 0.02 0.0
LAB*Lab 74.31 0.0 0.0
LAB*TCh 75.0 0.01 -

relative Inform. Technology (IT)
olvi3* 0.75 0.75 0.75 (1.0)
cmyn3* 0.25 0.25 0.25 (0.0)
olvi4* 1.0 1.0 1.0 (1.0)
cmyn4* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 74.31 0.02 0.0
LAB*Lab 74.31 0.0 0.0
LAB*TCh 75.0 0.01 -

relative Inform. Technology (IT)
olvi3* 0.75 0.75 0.75 (1.0)
cmyn3* 0.25 0.25 0.25 (0.0)
olvi4* 1.0 1.0 1.0 (1.0)
cmyn4* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 74.31 0.02 0.0
LAB*Lab 74.31 0.0 0.0
LAB*TCh 75.0 0.01 -

relative Inform. Technology (IT)
olvi3* 0.75 0.75 0.75 (1.0)
cmyn3* 0.25 0.25 0.25 (0.0)
olvi4* 1.0 1.0 1.0 (1.0)
cmyn4* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 74.31 0.02 0.0
LAB*Lab 74.31 0.0 0.0
LAB*TCh 75.0 0.01 -

relative Inform. Technology (IT)
olvi3* 0.75 0.75 0.75 (1.0)
cmyn3* 0.25 0.25 0.25 (0.0)
olvi4* 1.0 1.0 1.0 (1.0)
cmyn4* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 74.31 0.02 0.0
LAB*Lab 74.31 0.0 0.0
LAB*TCh 75.0 0.01 -

relative Inform. Technology (IT)
olvi3* 0.75 0.75 0.75 (1.0)
cmyn3* 0.25 0.25 0.25 (0.0)
olvi4* 1.0 1.0 1.0 (1.0)
cmyn4* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 74.31 0.02 0.0
LAB*Lab 74.31 0.0 0.0
LAB*TCh 75.0 0.01 -

relative Inform. Technology (IT)
olvi3* 0.75 0.75 0.75 (1.0)
cmyn3* 0.25 0.25 0.25 (0.0)
olvi4* 1.0 1.0 1.0 (1.0)
cmyn4* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 74.31 0.02 0.0
LAB*Lab 74.31 0.0 0.0
LAB*TCh 75.0 0.01 -

relative Inform. Technology (IT)
olvi3* 0.75 0.75 0.75 (1.0)
cmyn3* 0.25 0.25 0.25 (0.0)
olvi4* 1.0 1.0 1.0 (1.0)
cmyn4* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 74.31 0.02 0.0
LAB*Lab 74.31 0.0 0.0
LAB*TCh 75.0 0.01 -

relative Inform. Technology (IT)
olvi3* 0.75 0.75 0.75 (1.0)
cmyn3* 0.25 0.25 0.25 (0.0)
olvi4* 1.0 1.0 1.0 (1.0)
cmyn4* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 74.31 0.02 0.0
LAB*Lab 74.31 0.0 0.0
LAB*TCh 75.0 0.01 -

relative Inform. Technology (IT)
olvi3* 0.75 0.75 0.75 (1.0)
cmyn3* 0.25 0.25 0.25 (0.0)
olvi4* 1.0 1.0 1.0 (1.0)
cmyn4* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 74.31 0.02 0.0
LAB*Lab 74.31 0.0 0.0
LAB*TCh 75.0 0.01 -

relative Inform. Technology (IT)
olvi3* 0.75 0.75 0.75 (1.0)
cmyn3* 0.25 0.25 0.25 (0.0)
olvi4* 1.0 1.0 1.0 (1.0)
cmyn4* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 74.31 0.02 0.0
LAB*Lab 74.31 0.0 0.0
LAB*TCh 75.0 0.01 -

relative Inform. Technology (IT)
olvi3* 0.75 0.75 0.75 (1.0)
cmyn3* 0.25 0.25 0.25 (0.0)
olvi4* 1.0 1.0 1.0 (1.0)
cmyn4* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 74.31 0.02 0.0
LAB*Lab 74.31 0.0 0.0
LAB*TCh 75.0 0.01 -

relative Inform. Technology (IT)
olvi3* 0.75 0.75 0.75 (1.0)
cmyn3* 0.25 0.25 0.25 (0.0)
olvi4* 1.0 1.0 1.0 (1.0)
cmyn4* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 74.31 0.02 0.0
LAB*Lab 74.31 0.0 0.0
LAB*TCh 75.0 0.01 -

relative Inform. Technology (IT)
olvi3* 0.75 0.75 0.75 (1.0)
cmyn3* 0.25 0.25 0.25 (0.0)
olvi4* 1.0 1.0 1.0 (1.0)
cmyn4* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 74.31 0.02 0.0
LAB*Lab 74.31 0.0 0.0
LAB*TCh 75.0 0.01 -

relative Inform. Technology (IT)
olvi3* 0.75 0.75 0.75 (1.0)
cmyn3* 0.25 0.25 0.25 (0.0)
olvi4* 1.0 1.0 1.0 (1.0)
cmyn4* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 74.31 0.02 0.0
LAB*Lab 74.31 0.0 0.0
LAB*TCh 75.0 0.01 -

relative Inform. Technology (IT)
olvi3* 0.75 0.75 0.75 (1.0)
cmyn3* 0.25 0.25 0.25 (0.0)
olvi4* 1.0 1.0 1.0 (1.0)
cmyn4* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 74.31 0.02 0.0
LAB*Lab 74.31 0.0 0.0
LAB*TCh 75.0 0.01 -

relative Inform. Technology (IT)
olvi3* 0.75 0.75 0.75 (1.0)
cmyn3* 0.25 0.25 0.25 (0.0)
olvi4* 1.0 1.0 1.0 (1.0)
cmyn4* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 74.31 0.02 0.0
LAB*Lab 74.31 0.0 0.0
LAB*TCh 75.0 0.01 -

NRS11; adapted (a) CIELAB data

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
RMa	53.2	77.06	34.32	84.36	24
JMa	53.2	-1.51	84.38	84.39	91
GMa	53.2	-82.27	18.98	84.44	167
G50BMa	53.2	-77.72	-32.98	84.44	203
BMa	53.2	4.37	-84.28	84.41	273
B50RMa	53.2	69.09	-48.41	84.37	325
NMa	10.99	0.0	0.0	0.0	0
WMa	95.41	0.0	0.0	0.0	0
RCIE	39.92	58.69	27.98	65.01	25
JCIE	81.26	-2.9	71.56	71.62	92
GCIE	52.23	-42.45	13.59	44.59	162
BCIE	30.57	1.35	-46.48	46.51	272

%Regularity

$g^*_{H,rel} = 47$

$g^*_{C,rel} = 100$

1.00

0.75

$n^* = 0.00$

0.25

0.00

chromaticness c^*

Output: Colorimetric Reflective System ORS18

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

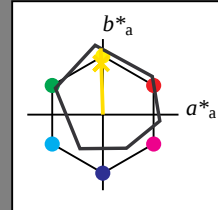
lab^*tch and lab^*nch

D65: hue J

LCH*Ma: 86 88 92

rgb*Ma: 1.0 0.9 0.0

triangle lightness t^*



relative Inform. Technology (IT)
olvi3* 1.0 1.0 1.0 (1.0)
cmyn3* 0.0 0.0 0.0 (0.0)
olvi4* 1.0 1.0 1.0 (1.0)
cmyn4* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 95.41 -0.97 4.75
LAB*Lab 95.41 0.0 0.0
LAB*TCh 99.99 0.01 0.0

relative Inform. Technology (IT)
olvi3* 0.994 1.0 0.75 (1.0)
cmyn3* 0.006 0.0 0.25 (0.0)
olvi4* 0.994 1.0 0.75 (1.0)
cmyn4* 0.006 0.0 0.25 (0.0)
standard and adapted CIELAB
LAB*LAB 84.85 -0.81 20.72
LAB*Lab 84.85 -0.82 20.72
LAB*TCh 97.5 20.73 92.31

relative Inform. Technology (IT)
olvi3* 0.75 0.75 0.75 (1.0)
cmyn3* 0.25 0.25 0.25 (0.0)
olvi4* 1.0 1.0 1.0 (1.0)
cmyn4* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 74.31 0.02 0.0
LAB*Lab 74.31 0.0 0.0
LAB*TCh 75.0 0.01 -

relative Inform. Technology (IT)
olvi3* 0.75 0.75 0.75 (1.0)
cmyn3* 0.25 0.25 0.25 (0.0)
olvi4* 1.0 1.0 1.0 (1.0)
cmyn4* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 74.31 0.02 0.0
LAB*Lab 74.31 0.0 0.0
LAB*TCh 75.0 0.01 -

relative Inform. Technology (IT)
olvi3* 0.75 0.75 0.75 (1.0)
cmyn3* 0.25 0.25 0.25 (0.0)
olvi4* 1.0 1.0 1.0 (1.0)
cmyn4* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 74.31 0.02 0.0
LAB*Lab 74.31 0.0 0.0
LAB*TCh 75.0 0.01 -

relative Inform. Technology (IT)
olvi3* 0.75 0.75 0.75 (1.0)
cmyn3* 0.25 0.25 0.25 (0.0)
olvi4* 1.0 1.0 1.0 (1.0)
cmyn4* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 74.31 0.02 0.0
LAB*Lab 74.31 0.0 0.0
LAB*TCh 75.0 0.01 -

relative Inform. Technology (IT)
olvi3* 0.75 0.75 0.75 (1.0)
cmyn3* 0.25 0.25 0.25 (0.0)
olvi4* 1.0 1.0 1.0 (1.0)
cmyn4* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 74.31 0.02 0.0
LAB*Lab 74.31 0.0 0.0
LAB*TCh 75.0 0.01 -

relative Inform. Technology (IT)
olvi3* 0.75 0.75 0.75 (1.0)
cmyn3* 0.25 0.25 0.25 (0.0)
olvi4* 1.0 1.0 1.0 (1.0)
cmyn4* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 74.31 0.02 0.0
LAB*Lab 74.31 0.0 0.0
LAB*TCh 75.0 0.01 -

relative Inform. Technology (IT)
olvi3* 0.75 0.75 0.75 (1.0)
cmyn3* 0.25 0.25 0.25 (0.0)
olvi4* 1.0 1.0 1.0 (1.0)
cmyn4* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 74.31 0.02 0.0
LAB*Lab 74.31 0.0 0.0
LAB*TCh 75.0 0.01 -

relative Inform. Technology (IT)
olvi3* 0.75 0.75 0.75 (1.0)
cmyn3* 0.25 0.25 0.25 (0.0)
olvi4* 1.0 1.0 1.0 (1.0)
cmyn4* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 74.31 0.02 0.0
LAB*Lab 74.31 0.0 0.0
LAB*TCh 75.0 0.01 -

relative Inform. Technology (IT)
olvi3* 0.75 0.75 0.75 (1.0)
cmyn3* 0.25 0.25 0.25 (0.0)
olvi4* 1.0 1.0 1.0 (1.0)
cmyn4* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 74.31 0.02 0.0
LAB*Lab 74.31 0.0 0.0
LAB*TCh 75.0 0.01 -

relative Inform. Technology (IT)
olvi3* 0.75 0.75 0.75 (1.0)
cmyn3* 0.25 0.25 0.25 (0.0)
olvi4* 1.0 1.0 1.0 (1.0)
cmyn4* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 74.31 0.02 0.0
LAB*Lab 74.31 0.0 0.0
LAB*TCh 75.0 0.01 -

relative Inform. Technology (IT)
olvi3* 0.75 0.75 0.75 (1.0)
cmyn3* 0.25 0.25 0.25 (0.0)
olvi4* 1.0 1.0 1.0 (1.0)
cmyn4* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 74.31 0.02 0.0
LAB*Lab 74.31 0.0 0.0
LAB*TCh 75.0 0.01 -

relative Inform. Technology (IT)
olvi3* 0.75 0.75 0.75 (1.0)
cmyn3* 0.25 0.25 0.25 (0.0)
olvi4* 1.0 1.0 1.0 (1.0)
cmyn4* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 74.31 0.02 0.0
LAB*Lab 74.31 0.0 0.0
LAB*TCh 75.0 0.01 -

relative Inform. Technology (IT)
olvi3* 0.75 0.75 0.75 (1.0)
cmyn3* 0.25 0.25 0.25 (0.0)
olvi4* 1.0 1.0 1.0 (1.0)
cmyn4* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 74.31 0.02 0.0
LAB*Lab 74.31 0.0 0.0
LAB*TCh 75.0 0.01 -

relative Inform. Technology (IT)
olvi3* 0.75 0.75 0.75 (1.0)
cmyn3* 0.25 0.25 0.25 (0.0)
olvi4* 1.0 1.0 1.0 (1.0)
cmyn4* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 74.31 0.02 0.0
LAB*Lab 74.31 0.0 0.0
LAB*TCh 75.0 0.01 -

relative Inform. Technology (IT)
olvi3* 0.75 0.75 0.75 (1.0)
cmyn3* 0.25 0.25 0.25 (0.0)
olvi4* 1.0 1.0 1.0 (1.0)
cmyn4* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 74.31 0.02 0.0
LAB*Lab 74.31 0.0 0.0
LAB*TCh 75.0 0.01 -

relative Inform. Technology (IT)
olvi3* 0.75 0.75 0.75 (1.0)
cmyn3* 0.25 0.25 0.25 (0.0)
olvi4* 1.0 1.0 1.0 (1.0)
cmyn4* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 74.31 0.02 0.0
LAB*Lab 74.31 0.0 0.0
LAB*TCh 75.0 0.01 -

relative Inform. Technology (IT)
olvi3* 0.75 0.75 0.75 (1.0)
cmyn3* 0.25 0.25 0.25 (0.0)
olvi4* 1.0 1.0 1.0 (1.0)
cmyn4* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 74.31 0.02 0.0
LAB*Lab 74.31 0.0 0.0
LAB*TCh 75.0 0.01 -

relative Inform. Technology (IT)
olvi3* 0.75 0.75 0.75 (1.0)
cmyn3* 0.25 0.25 0.25 (0.0)
olvi4* 1.0 1.0 1.0 (1.0)
cmyn4* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 74.31 0.02 0.0
LAB*Lab 74.31 0.0 0.0
LAB*TCh 75.0 0.01 -

ORS18; adapted (a) CIELAB data

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
OMa	47.94	65.37	50.52	82.62	38
YMa	90.37	-10.27	91.77	92.34	96
LMa	50.9	-62.79	34.95	71.87	151
CMa	58.62	-30.35	-45.01	54.3	236
VMa	25.71	31.11	-44.42	54.24	305
MMa	48.13	75.27	-8.35	75.73	354
NMa	18.01	0.0	0.0	0.0	0
WMa	95.41	0.0	0.0	0.0	0
RCIE	39.92	58.66	26.98	64.56	25
JCIE	81.26	-2.17	67.76	67.79	92
GCIE	52.23	-42.26	11.75	43.87	164
BCIE	30.57	1.15	-46.84	46.87	271

%Regularity

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

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

relative Inform. Technology (IT)
olvi3* 1.0 0.951 0.5 (1.0)
cmyn3* 0.0 0.049 0.5 (0.0)
olvi4* 1.0 0.951 0.5 (1.0)
cmyn4* 0.0 0.049 0.5 (0.0)
standard and adapted CIELAB
LAB*LAB 90.8 -2.3 48.29
LAB*Lab 90.8 -1.41 43.85
LAB*TCh 75.0 43.87 91.85

relative Inform. Technology (IT)
olvi3* 0.94 0.94 0.5 (1.0)
cmyn3* 0.0 0.0 0.5 (0.0)
olvi4* 1.0 0.951 0.5 (1.0)
cmyn4* 0.0 0.049 0.5 (0.0)
standard and adapted CIELAB
LAB*LAB 88.49 -2.96 70.06
LAB*Lab 88.49 -2.11 65.77
LAB*TCh 62.5 65.81 91.85

relative Inform. Technology (IT)
olvi3* 0.75 0.75 0.75 (1.0)
cmyn3* 0.25 0.25 0.25 (0.0)
olvi4* 1.0 0.951 0.5 (1.0)
cmyn4* 0.0 0.049 0.5 (0.0)
standard and adapted CIELAB
LAB*LAB 71.45 -1.92 46.99
LAB*Lab 71.45 -1.4 43.85
LAB*TCh 50.0 43.87 91.84

relative Inform. Technology (IT)
olvi3* 0.75 0.75 0.75 (1.0)
cmyn3* 0.25 0.25 0.25 (0.0)
olvi4* 1.0 0.951 0.5 (1.0)
cmyn4* 0.0 0.049 0.5 (0.0)
standard and adapted CIELAB
LAB*LAB 71.45 -1.92 46.99
LAB*Lab 71.45 -1.4 43.85
LAB*TCh 50.0 43.87 91.84

relative Inform. Technology (IT)
olvi3* 0.75 0.75 0.75 (1.0)
cmyn3* 0.25 0.25 0.25 (0.0)
olvi4* 1.0 0.951

Input: Colorimetric Reflective System NRS11

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

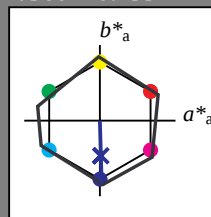
lab^*tch and lab^*nch

D65: hue B

LCH*Ma: 53 83 272

rgb*Ma: 0.0 0.02 1.0

triangle lightness t^*



relative Inform. Technology (IT)
 olv3* 1.0 1.0 1.0 (1.0)
 cmy3* 0.0 0.0 0.0 (0.0)
 olv4* 1.0 1.0 1.0 (1.0)
 cmy4* 0.0 0.0 0.0 (0.0)
 standard and adapted CIELAB
 LAB*LAB 95.41 0.0 -0.01
 LAB*Lab 95.41 0.0 0.0
 LAB*TCa 99.99 0.01 0.0

relative Inform. Technology (IT)
 olv3* 0.75 0.75 0.75 (1.0)
 cmy3* 0.25 0.25 0.25 (0.0)
 olv4* 1.0 1.0 1.0 (1.0)
 cmy4* 0.0 0.0 0.0 (0.0)
 standard and adapted CIELAB
 LAB*LAB 74.31 0.02 0.0
 LAB*Lab 74.31 0.0 0.0
 LAB*TCa 75.00 0.01 -

relative Inform. Technology (IT)
 olv3* 0.75 0.75 0.75 (1.0)
 cmy3* 0.25 0.25 0.25 (0.0)
 olv4* 1.0 1.0 1.0 (1.0)
 cmy4* 0.0 0.0 0.0 (0.0)
 standard and adapted CIELAB
 LAB*LAB 74.31 0.02 0.0
 LAB*Lab 74.31 0.0 0.0
 LAB*TCa 75.00 0.01 -

relative Inform. Technology (IT)
 olv3* 0.5 0.5 0.5 (0.0)
 cmy3* 0.5 0.5 0.5 (1.0)
 olv4* 0.75 0.75 0.75 (1.0)
 cmy4* 0.25 0.25 0.25 (0.0)
 standard and adapted CIELAB
 LAB*LAB 63.75 0.64 -20.75
 LAB*Lab 63.75 0.6 20.76
 LAB*TCa 62.5 20.78 271.66

relative Inform. Technology (IT)
 olv3* 0.25 0.25 0.25 (1.0)
 cmy3* 0.75 0.75 0.75 (0.0)
 olv4* 1.0 1.0 1.0 (1.0)
 cmy4* 0.0 0.0 0.0 (0.0)
 standard and adapted CIELAB
 LAB*LAB 53.21 0.04 0.0
 LAB*Lab 53.21 0.0 0.0
 LAB*TCa 50.00 0.01 -

relative Inform. Technology (IT)
 olv3* 0.25 0.25 0.25 (1.0)
 cmy3* 0.75 0.75 0.75 (0.0)
 olv4* 1.0 1.0 1.0 (1.0)
 cmy4* 0.0 0.0 0.0 (0.0)
 standard and adapted CIELAB
 LAB*LAB 53.21 0.04 0.0
 LAB*Lab 53.21 0.0 0.0
 LAB*TCa 50.00 0.01 -

relative Inform. Technology (IT)
 olv3* 0.25 0.25 0.25 (1.0)
 cmy3* 0.75 0.75 0.75 (0.0)
 olv4* 1.0 1.0 1.0 (1.0)
 cmy4* 0.0 0.0 0.0 (0.0)
 standard and adapted CIELAB
 LAB*LAB 53.21 0.04 0.0
 LAB*Lab 53.21 0.0 0.0
 LAB*TCa 50.00 0.01 -

relative Inform. Technology (IT)
 olv3* 0.0 0.0 0.0 (1.0)
 cmy3* 1.0 1.0 1.0 (0.0)
 olv4* 0.75 0.75 0.75 (1.0)
 cmy4* 0.25 0.25 0.25 (0.0)
 standard and adapted CIELAB
 LAB*LAB 32.11 0.07 0.01
 LAB*Lab 32.11 0.0 0.0
 LAB*TCa 25.00 0.01 -

relative Inform. Technology (IT)
 olv3* 0.0 0.0 0.0 (1.0)
 cmy3* 1.0 1.0 1.0 (0.0)
 olv4* 0.75 0.75 0.75 (1.0)
 cmy4* 0.25 0.25 0.25 (0.0)
 standard and adapted CIELAB
 LAB*LAB 32.11 0.07 0.01
 LAB*Lab 32.11 0.0 0.0
 LAB*TCa 25.00 0.01 -

relative Inform. Technology (IT)
 olv3* 0.0 0.0 0.0 (1.0)
 cmy3* 1.0 1.0 1.0 (0.0)
 olv4* 0.75 0.75 0.75 (1.0)
 cmy4* 0.25 0.25 0.25 (0.0)
 standard and adapted CIELAB
 LAB*LAB 32.11 0.07 0.01
 LAB*Lab 32.11 0.0 0.0
 LAB*TCa 25.00 0.01 -

relative Inform. Technology (IT)
 olv3* 0.0 0.0 0.0 (1.0)
 cmy3* 1.0 1.0 1.0 (0.0)
 olv4* 0.75 0.75 0.75 (1.0)
 cmy4* 0.25 0.25 0.25 (0.0)
 standard and adapted CIELAB
 LAB*LAB 32.11 0.07 0.01
 LAB*Lab 32.11 0.0 0.0
 LAB*TCa 25.00 0.01 -

NRS11; adapted (a) CIELAB data

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
RMa	53.2	77.06	34.32	84.36	24
JMa	53.2	-1.51	84.38	84.39	91
GMa	53.2	-82.27	18.98	84.44	167
G50BMa	53.2	-77.72	-32.98	84.44	203
BMa	53.2	4.37	-84.28	84.41	273
B50RMa	53.2	69.09	-48.41	84.37	325
NMa	10.99	0.0	0.0	0.0	0
WMa	95.41	0.0	0.0	0.0	0
RCIE	39.92	58.69	27.98	65.01	25
JCIE	81.26	-2.9	71.56	71.62	92
GCIE	52.23	-42.45	13.59	44.59	162
BCIE	30.57	1.35	-46.48	46.51	272

%Regularity

$g^*_{H,rel} = 47$

$g^*_{C,rel} = 100$

%Gamut

$u^*_{rel} = 119$

%Regularity

$g^*_{H,rel} = 47$

$g^*_{C,rel} = 100$

%Gamut

$u^*_{rel} = 119$

%Regularity

$g^*_{H,rel} = 47$

$g^*_{C,rel} = 100$

%Gamut

$u^*_{rel} = 119$

%Regularity

$g^*_{H,rel} = 47$

$g^*_{C,rel} = 100$

%Gamut

$u^*_{rel} = 119$

%Regularity

$g^*_{H,rel} = 47$

$g^*_{C,rel} = 100$

%Gamut

$u^*_{rel} = 119$

%Regularity

$g^*_{H,rel} = 47$

$g^*_{C,rel} = 100$

%Gamut

$u^*_{rel} = 119$

%Regularity

$g^*_{H,rel} = 47$

$g^*_{C,rel} = 100$

%Gamut

$u^*_{rel} = 119$

Output: Colorimetric Reflective System ORS18

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

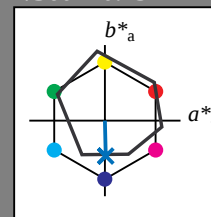
lab^*tch and lab^*nch

D65: hue B

LCH*Ma: 42 45 271

rgb*Ma: 0.0 0.49 1.0

triangle lightness t^*



relative Inform. Technology (IT)
 olv3* 1.0 1.0 1.0 (1.0)
 cmy3* 0.0 0.0 0.0 (0.0)
 olv4* 1.0 1.0 1.0 (1.0)
 cmy4* 0.0 0.0 0.0 (0.0)
 standard and adapted CIELAB
 LAB*LAB 95.41 -0.97 4.75
 LAB*Lab 95.41 0.0 0.0
 LAB*TCa 99.99 0.01 0.0

relative Inform. Technology (IT)
 olv3* 0.75 0.75 0.75 (1.0)
 cmy3* 0.25 0.25 0.25 (0.0)
 olv4* 1.0 1.0 1.0 (1.0)
 cmy4* 0.0 0.0 0.0 (0.0)
 standard and adapted CIELAB
 LAB*LAB 82.0 -0.44 -7.31
 LAB*Lab 82.0 0.27 -11.17
 LAB*TCa 87.5 11.18 271.39

relative Inform. Technology (IT)
 olv3* 0.75 0.75 0.75 (1.0)
 cmy3* 0.25 0.25 0.25 (0.0)
 olv4* 1.0 1.0 1.0 (1.0)
 cmy4* 0.0 0.0 0.0 (0.0)
 standard and adapted CIELAB
 LAB*LAB 82.0 -0.44 -7.31
 LAB*Lab 82.0 0.27 -11.17
 LAB*TCa 87.5 11.18 271.39

relative Inform. Technology (IT)
 olv3* 0.5 0.5 0.5 (0.0)
 cmy3* 0.5 0.5 0.5 (1.0)
 olv4* 0.75 0.75 0.75 (1.0)
 cmy4* 0.25 0.25 0.25 (0.0)
 standard and adapted CIELAB
 LAB*LAB 68.59 0.08 -19.4
 LAB*Lab 68.59 0.04 22.35
 LAB*TCa 75.0 22.36 271.4

relative Inform. Technology (IT)
 olv3* 0.25 0.25 0.25 (1.0)
 cmy3* 0.75 0.75 0.75 (0.0)
 olv4* 1.0 1.0 1.0 (1.0)
 cmy4* 0.0 0.0 0.0 (0.0)
 standard and adapted CIELAB
 LAB*LAB 49.25 0.45 -20.71
 LAB*Lab 49.25 0.5 22.35
 LAB*TCa 50.0 22.37 271.4

relative Inform. Technology (IT)
 olv3* 0.25 0.25 0.25 (1.0)
 cmy3* 0.75 0.75 0.75 (0.0)
 olv4* 1.0 1.0 1.0 (1.0)
 cmy4* 0.0 0.0 0.0 (0.0)
 standard and adapted CIELAB
 LAB*LAB 49.25 0.45 -20.71
 LAB*Lab 49.25 0.5 22.35
 LAB*TCa 50.0 22.37 271.4

relative Inform. Technology (IT)
 olv3* 0.25 0.25 0.25 (1.0)
 cmy3* 0.75 0.75 0.75 (0.0)
 olv4* 1.0 1.0 1.0 (1.0)
 cmy4* 0.0 0.0 0.0 (0.0)
 standard and adapted CIELAB
 LAB*LAB 49.25 0.45 -20.71
 LAB*Lab 49.25 0.5 22.35
 LAB*TCa 50.0 22.37 271.4

relative Inform. Technology (IT)
 olv3* 0.0 0.0 0.0 (1.0)
 cmy3* 1.0 1.0 1.0 (0.0)
 olv4* 0.75 0.75 0.75 (1.0)
 cmy4* 0.25 0.25 0.25 (0.0)
 standard and adapted CIELAB
 LAB*LAB 35.84 0.59 -32.79
 LAB*Lab 35.84 0.52 33.53
 LAB*TCa 37.51 33.55 271.41

relative Inform. Technology (IT)
 olv3* 0.0 0.0 0.0 (1.0)
 cmy3* 1.0 1.0 1.0 (0.0)
 olv4* 0.75 0.75 0.75 (1.0)
 cmy4* 0.25 0.25 0.25 (0.0)
 standard and adapted CIELAB
 LAB*LAB 35.84 0.59 -32.79
 LAB*Lab 35.84 0.52 33.53
 LAB*TCa 37.51 33.55 271.41

relative Inform. Technology (IT)
 olv3* 0.0 0.0 0.0 (1.0)
 cmy3* 1.0 1.0 1.0 (0.0)
 olv4* 0.75 0.75 0.75 (1.0)
 cmy4* 0.25 0.25 0.25 (0.0)
 standard and adapted CIELAB
 LAB*LAB 35.84 0.59 -32.79
 LAB*Lab 35.84 0.52 33.53
 LAB*TCa 37.51 33.55 271.41

relative Inform. Technology (IT)
 olv3* 0.0 0.0 0.0 (1.0)
 cmy3* 1.0 1.0 1.0 (0.0)
 olv4* 0.75 0.75 0.75 (1.0)
 cmy4* 0.25 0.25 0.25 (0.0)
 standard and adapted CIELAB
 LAB*LAB 35.84 0.59 -32.79
 LAB*Lab 35.84 0.52 33.53
 LAB*TCa 37.51 33.55 271.41

relative Inform. Technology (IT)
 olv3* 0.0 0.0 0.0 (1.0)
 cmy3* 1.0 1.0 1.0 (0.0)
 olv4* 0.75 0.75 0.75 (1.0)
 cmy4* 0.25 0.25 0.25 (0.0)
 standard and adapted CIELAB
 LAB*LAB 35.84 0.59 -32.79
 LAB*Lab 35.84 0.52 33.53
 LAB*TCa 37.51 33.55 271.41

ORS18; adapted (a) CIELAB data

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
OMa	47.94	65.37	50.52	82.62	38
YMa	90.37	-10.27	91.77	92.34	96
LMa	50.9	-62.79	34.95	71.87	151
CMa	58.62	-30.35	-45.01	54.3	236
VMa	25.71	31.11	-44.42	54.24	305
NMa	18.01	0.0	0.0	0.0	0
WMa	95.41	0.0	0.0	0.0	0
RCIE	39.92	58.66	26.98	64.56	25
JCIE	81.26	-2.17	67.76	67.79	92
GCIE	52.23	-42.26	11.75	43.87	164
BCIE	30.57	1.15	-46.84	46.87	271

%Regularity

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

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

%Gamut

$u^*_{rel} = 93$

%Regularity

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

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

%Gamut

$u^*_{rel} = 93$

%Regularity

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

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

%Gamut

$u^*_{rel} = 93$

%Regularity

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

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

%Gamut

$u^*_{rel} = 93$

%Regularity

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

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

%Gamut

$u^*_{rel} = 93$

%Regularity

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

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

%Gamut

$u^*_{rel} = 93$

%Regularity

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

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

%Gamut

$u^*_{rel} = 93$

UE570-7, 5 step scales for constant CIELAB hue 272/360 = 0.755 (left)

5 step scales for constant CIELAB hue 271/360 = 0.754 (right)

BAM-test chart UE57; Colorimetric systems ORS18 & ORS18

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

input: $cmy0^* setcmykcolor$

output: Startup (S) data dependent