

Input: Colorimetric Reflective System NRS11

for hue $h^* = lab^*h = 167/360 = 0.464$

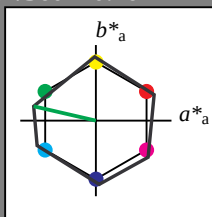
lab^*tch and lab^*nch

D65: hue G

LCH*Ma: 53 84 167

rgb*Ma: 0.0 1.0 0.0

triangle lightness t^*



$u^*_{rel} = 119$

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*	0.75	1.0	0.75	(1.0)
cmyn3*	0.25	0.0	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	84.85	-20.53	4.74
LAB*LABa	84.85	-20.53	4.74
LAB*LABb	97.5	21.1	167.01

relative CIELAB lab*

lab*lab	0.875	-0.243	0.056
lab*tch	0.875	0.25	0.464
lab*nch	0.0	0.25	0.464

relative Natural Colour (NC)

lab*trj	0.875	-0.243	-0.016
lab*tce	0.875	0.25	0.511
lab*nce	0.0	0.25	0.464

relative Inform. Technology (IT)

olvi3*	0.5	0.75	0.5	(1.0)
cmyn3*	0.25	0.0	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*LABb	75.0	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*	0.25	0.25	0.25	(1.0)
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*LABb	50.0	0.01	0.0

relative CIELAB lab*

lab*lab	0.5	0.0	0.0
lab*tch	0.5	0.0	0.0
lab*nch	0.0	0.0	0.0

relative Natural Colour (NC)

lab*trj	0.5	0.0	0.0
lab*tce	0.5	0.0	0.0
lab*nce	0.0	0.0	0.0

relative Inform. Technology (IT)

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	32.11	0.07	0.01
LAB*LABa	32.11	0.07	0.01
LAB*LABb	25.0	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*	0.25	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	11.01	0.07	0.01
LAB*LABa	11.01	0.07	0.01
LAB*LABb	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	0.0	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	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	1.0	1.0	(1.0)
cmyn4*	0.0	0.0	0.0	(0.0)

standard and adapted CIELAB

LAB*LAB	11.01	0.07	0.01
LAB*LABa	11.01	0.07	0.01
LAB*LABb	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	0.0	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	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	1.0	1.0	(1.0)
cmyn4*	0.0	0.0	0.0	(0.0)

standard and adapted CIELAB

LAB*LAB	11.01	0.07	0.01
LAB*LABa	11.01	0.07	0.01
LAB*LABb	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	0.0	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	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	1.0	1.0	(1.0)
cmyn4*	0.0	0.0	0.0	(0.0)

standard and adapted CIELAB

LAB*LAB	11.01	0.07	0.01
LAB*LABa	11.01	0.07	0.01
LAB*LABb	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	0.0	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	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	1.0	1.0	(1.0)
cmyn4*	0.0	0.0	0.0	(0.0)

standard and adapted CIELAB

LAB*LAB	11.01	0.07	0.01
LAB*LABa	11.01	0.07	0.01
LAB*LABb	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	0.0	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	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	1.0	1.0	(1.0)
cmyn4*	0.0	0.0	0.0	(0.0)

standard and adapted CIELAB

LAB*LAB	11.01	0.07	0.01
LAB*LABa	11.01	0.07	0.01
LAB*LABb	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	0.0	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	0.0	0.0	0.0

UE570-7, 5 step scales for constant CIELAB hue 167/360 = 0.464 (left)

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*	0.5	1.0	0.5	(1.0)
cmyn3*	0.25	0.0	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	74.3	-41.1	9.49
LAB*LABa	74.3	-41.1	9.49
LAB*LABb	75.0	42.21	167.01

relative CIELAB lab*

lab*lab	0.75	-0.486	0.112
lab*tch	0.75	0.5	0.464
lab*nch	0.0	0.5	0.464

relative Natural Colour (NC)

lab*trj	0.75	-0.486	-0.033
lab*tce	0.75	0.5	0.511
lab*nce	0.0	0.5	0.464

relative Inform. Technology (IT)

olvi3*	0.25	0.5	0.25	(1.0)
cmyn3*	0.75	0.25	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	63.75	-61.66	14.24
LAB*LABa	63.75	-61.66	14.24
LAB*LABb	62.5	63.32	167.01

relative CIELAB lab*

lab*lab	0.625	-0.73	0.169
lab*tch	0.625	0.75	0.464
lab*nch	0.0	0.75	0.464

relative Natural Colour (NC)

lab*trj	0.625	-0.73	-0.05
lab*tce	0.625	0.75	0.511
lab*nce	0.0	0.75	0.464

relative Inform. Technology (IT)

olvi3*	0.0	0.75	0.0	(1.0)
cmyn3*	0.75	0.25	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	-82.21	18.98
LAB*LABa	53.2	-82.25	18.97
LAB*LABb	50.0	84.42	167.01

relative CIELAB lab*

lab*lab	0.5	-0.973	0.225
lab*tch	0.5	1.0	0.464
lab*nch	0.0	1.0	0.464

relative Natural Colour (NC)

lab*trj	0.5	-0.996	-0.067
lab*tce	0.5	1.0	0.511
lab*nce	0.0	1.0	0.464

relative Inform. Technology (IT)

olvi3*	0.0	0.25	0.0	(1.0)
cmyn3*	0.75	0.0	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	42.65	-61.64	14.24
LAB*LABa	42.65	-61.69	14.23
LAB*LABb	37.51	63.32	167.01

relative CIELAB lab*

lab*lab	0.375	-0.73	0.169
lab*tch	0.375	0.75	0.464
lab*nch	0.0	0.75	0.464

relative Natural Colour (NC)

lab*trj	0.375	-0.747	-0.05
lab*tce	0.375	0.75	0.511
lab*nce	0.0	0.75	0.464

relative Inform. Technology (IT)

olvi3*	0.0	0.0	0.0	(1.0)
cmyn3*	0.75	0.0	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	32.1	-41.09	9.5
LAB*LABa	32.1	-41.12	9.49
LAB*LABb	25.01	42.21	167.01

relative CIELAB lab*

lab*lab	0.25	-0.486	0.112
lab*tch	0.25	0.5	0.464
lab*nch	0.0	0.5	0.464

relative Natural Colour (NC)

lab*trj	0.25	-0.486	-0.033
lab*tce	0.25	0.5	0.511
lab*nce	0.0	0.5	0.464

relative Inform. Technology (IT)

olvi3*	0.0	0.0	0.0	(1.0)
cmyn3*	0.75	0.0	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	11.01	0.07	0.01
LAB*LABa	11.01	0.07	0.01
LAB*LABb	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	0.0	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	0.0	0.0	0.0

relative Inform. Technology (IT)

olvi3*	0.0	0.0	0.0	(1.0)
cmyn3*	0.75	0.0	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	11.01	0.07	0.01</
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Input: Colorimetric Reflective System NRS11

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

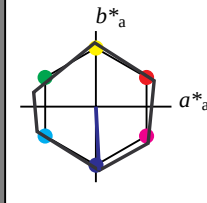
lab^*tch and lab^*nch

D65: hue B

LCH*Ma: 53 84 273

rgb*Ma: 0.0 0.0 1.0

triangle lightness t^*



% Gamut

$u^*_{rel} = 119$

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 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*LABb	74.31	0.02	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*LABb	74.31	0.02	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*LABb	74.31	0.02	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*LABb	74.31	0.02	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*LABb	74.31	0.02	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*LABb	74.31	0.02	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*LABb	74.31	0.02	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*LABb	74.31	0.02	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*LABb	74.31	0.02	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*LABb	74.31	0.02	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

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

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

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	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*LABb	74.31	0.02	0.0

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	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*LABb	74.31	0.02	0.0

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	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*LABb	74.31	0.02	0.0

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	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*LABb	74.31	0.02	0.0

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	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*LABb	74.31	0.02	0.0

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	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*LABb	74.31	0.02	0.0

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	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*LABb	74.31	0.02	0.0

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	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*LABb	74.31	0.02	0.0

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	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*LABb	74.31	0.02	0.0

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	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*LABb	74.31	0.02	0.0

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	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*LABb	74.31	0.02	0.0

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	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*LABb	74.31	0.02	0.0

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	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*LABb	74.31	0.02	0.0

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	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*LABb	74.31	0.02	0.0

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	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*LABb	74.31	0.02	0.0

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	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*LABb	74.31	0.02	0.0

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	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*LABb	74.31	0.02	0.0

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	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*LABb	74.31	0.02	0.0

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	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*LABb	74.31	0.02	0.0

relative Inform. Technology (IT)

olvi3*	0.5
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Input: Colorimetric Reflective System NRS11

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

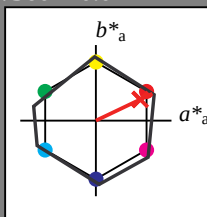
lab^*tch and lab^*nch

D65: hue R

LCH*Ma: 53 83 25

rgb*Ma: 1.0 0.03 0.0

triangle lightness t^*



% Gamut

$u^*_{rel} = 119$

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	0.0	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*TCRa	99.99	0.01	0.0	

relative Inform. Technology (IT)

olvi3*	1.0	0.757	0.75	(1.0)
cmyn3*	0.0	0.243	0.25	(0.0)
olvi4*	1.0	0.757	0.75	(1.0)
cmyn4*	0.0	0.243	0.25	(0.0)
standard and adapted CIELAB				
LAB*LAB	84.85	18.73	8.92	
LAB*Lab	84.85	18.72	8.92	
LAB*TCRa	87.5	20.73	25.49	

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*TCRa	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	53.21	0.04	0.0	
LAB*Lab	53.21	0.0	0.0	
LAB*TCRa	50.0	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	53.21	0.04	0.0	
LAB*Lab	53.21	0.0	0.0	
LAB*TCRa	50.0	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	53.21	0.04	0.0	
LAB*Lab	53.21	0.0	0.0	
LAB*TCRa	50.0	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	53.21	0.04	0.0	
LAB*Lab	53.21	0.0	0.0	
LAB*TCRa	50.0	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	53.21	0.04	0.0	
LAB*Lab	53.21	0.0	0.0	
LAB*TCRa	50.0	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	53.21	0.04	0.0	
LAB*Lab	53.21	0.0	0.0	
LAB*TCRa	50.0	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	53.21	0.04	0.0	
LAB*Lab	53.21	0.0	0.0	
LAB*TCRa	50.0	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	53.21	0.04	0.0	
LAB*Lab	53.21	0.0	0.0	
LAB*TCRa	50.0	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

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

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

relative Inform. Technology (IT)

olvi3*	1.0	0.514	0.5	(1.0)
cmyn3*	0.0	0.486	0.5	(0.0)
olvi4*	1.0	0.514	0.5	(1.0)
cmyn4*	0.0	0.486	0.5	(0.0)
standard and adapted CIELAB				
LAB*LAB	74.3	37.46	17.85	
LAB*Lab	74.3	37.44	17.85	
LAB*TCRa	75.0	41.47	25.49	

relative Inform. Technology (IT)

olvi3*	1.0	0.271	0.25	(1.0)
cmyn3*	0.0	0.229	0.25	(0.0)
olvi4*	1.0	0.271	0.25	(1.0)
cmyn4*	0.0	0.229	0.25	(0.0)
standard and adapted CIELAB				
LAB*LAB	63.75	56.2	26.78	
LAB*Lab	63.75	56.16	26.77	
LAB*TCRa	62.5	62.22	25.49	

relative Inform. Technology (IT)

olvi3*	0.75	0.021	0.0	(1.0)
cmyn3*	0.25	0.739	0.0	(0.0)
olvi4*	1.0	0.514	0.5	(1.0)
cmyn4*	0.0	0.486	0.5	(0.0)
standard and adapted CIELAB				
LAB*LAB	53.2	37.45	17.85	
LAB*Lab	53.2	37.45	17.85	
LAB*TCRa	50.0	41.48	25.49	

relative Inform. Technology (IT)

olvi3*	0.75	0.021	0.0	(1.0)
cmyn3*	0.25	0.739	0.0	(0.0)
olvi4*	1.0	0.514	0.5	(1.0)
cmyn4*	0.0	0.486	0.5	(0.0)
standard and adapted CIELAB				
LAB*LAB	53.2	37.45	17.85	
LAB*Lab	53.2	37.45	17.85	
LAB*TCRa	50.0	41.48	25.49	

relative Inform. Technology (IT)

olvi3*	0.75	0.021	0.0	(1.0)
cmyn3*	0.25	0.739	0.0	(0.0)
olvi4*	1.0	0.514	0.5	(1.0)
cmyn4*	0.0	0.486	0.5	(0.0)
standard and adapted CIELAB				
LAB*LAB	53.2	37.45	17.85	
LAB*Lab	53.2	37.45	17.85	
LAB*TCRa	50.0	41.48	25.49	

1.00

0.75

0.50

0.25

0.00

blackness n^*

chromaticness c^*

Output: Colorimetric Reflective System ORS18

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

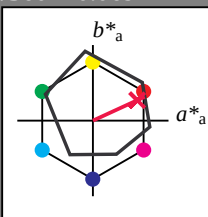
lab^*tch and lab^*nch

D65: hue R

LCH*Ma: 48 75 25

rgb*Ma: 1.0 0.0 0.32

triangle lightness t^*



% Gamut

$u^*_{rel} = 93$

relative Inform. Technology (IT)

olvi3*	1.0	1.0	1.0	(1.0)
cmyn3*	0.0	0.25	0.169	(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*TCRa	99.99	0.01	0.0	

relative Inform. Technology (IT)

olvi3*	1.0	0.75	0.831	(1.0)
cmyn3*	0.0	0.25	0.169	(0.0)
olvi4*	1.0	0.75	0.831	(1.0)
cmyn4*	0.0	0.25	0.169	(0.0)
standard and adapted CIELAB				
LAB*LAB	83.55	16.38	11.84	
LAB*Lab	83.55	17.13	7.88	
LAB*TCRa	87.5	18.86	24.69	

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*Lab	76.06	0.0	0.0	
LAB*TCRa	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	56.71	0.23	2.14	
LAB*Lab	56.71	0.0	0.0	
LAB*TCRa	50.0	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	56.71	0.23	2.14	
LAB*Lab	56.71	0.0	0.0	
LAB*TCRa	50.0	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	56.71	0.23	2.14	
LAB*Lab	56.71	0.0	0.0	
LAB*TCRa	50.0	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	56.71	0.23	2.14	
LAB*Lab	56.71	0.0	0.0	
LAB*TCRa	50.0	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	56.71	0.23	2.14	
LAB*Lab	56.71	0.0	0.0	
LAB*TCRa	50.0	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	56.71	0.23	2.14	
LAB*Lab	56.71	0.0	0.0	
LAB*TCRa	50.0	0.01	-	

LAB*LAB	0.00	0.0	0.0
LAB*TCHa	0.01	0.01	-
relative CIELAB lab*			
lab*lab	0.0	0.0	0.0
lab*tch	0.0	0.0	-
lab*nch	1.0	0.0	-
relative Natural Colour (NC)			
lab*lrj	0.0	0.0	0.0
lab*tce	0.0	0.0	-

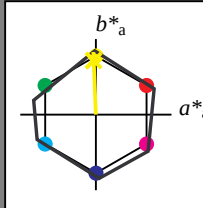
Input: Colorimetric Reflective System NRS11

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^*



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 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*LABa 84.85 -0.81 20.72
LAB*TCHa 97.5 20.73 92.31

relative Inform. Technology (IT)
olvi3* 0.989 1.0 0.5 (1.0)
cmyn3* 0.011 0.0 0.5 (0.0)
olvi4* 0.989 1.0 0.5 (1.0)
cmyn4* 0.011 0.0 0.5 (0.0)
standard and adapted CIELAB
LAB*LAB 74.3 -1.64 41.44
LAB*LABa 74.3 -1.67 41.44
LAB*TCHa 75.0 41.47 92.32

relative Inform. Technology (IT)
olvi3* 0.983 1.0 0.25 (1.0)
cmyn3* 0.017 0.0 0.25 (0.0)
olvi4* 0.983 1.0 0.25 (1.0)
cmyn4* 0.017 0.0 0.25 (0.0)
standard and adapted CIELAB
LAB*LAB 63.75 -2.48 62.16
LAB*LABa 63.75 -2.51 62.15
LAB*TCHa 62.5 62.21 92.32

relative Inform. Technology (IT)
olvi3* 0.973 0.75 0.0 (1.0)
cmyn3* 0.023 0.0 1.0 (0.0)
olvi4* 0.973 0.75 0.0 (1.0)
cmyn4* 0.023 0.0 1.0 (0.0)
standard and adapted CIELAB
LAB*LAB 53.2 -3.31 82.87
LAB*LABa 53.2 -3.35 82.86
LAB*TCHa 50.0 82.93 92.32

relative Inform. Technology (IT)
olvi3* 0.977 1.0 0.0 (1.0)
cmyn3* 0.023 0.0 1.0 (0.0)
olvi4* 0.977 1.0 0.0 (1.0)
cmyn4* 0.023 0.0 1.0 (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 -

relative Inform. Technology (IT)
olvi3* 0.975 0.75 0.0 (1.0)
cmyn3* 0.025 0.0 1.0 (0.0)
olvi4* 0.975 0.75 0.0 (1.0)
cmyn4* 0.025 0.0 1.0 (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 -

relative Inform. Technology (IT)
olvi3* 0.975 0.75 0.0 (1.0)
cmyn3* 0.025 0.0 1.0 (0.0)
olvi4* 0.975 0.75 0.0 (1.0)
cmyn4* 0.025 0.0 1.0 (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 -

relative Inform. Technology (IT)
olvi3* 0.975 0.75 0.0 (1.0)
cmyn3* 0.025 0.0 1.0 (0.0)
olvi4* 0.975 0.75 0.0 (1.0)
cmyn4* 0.025 0.0 1.0 (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 -

relative Inform. Technology (IT)
olvi3* 0.975 0.75 0.0 (1.0)
cmyn3* 0.025 0.0 1.0 (0.0)
olvi4* 0.975 0.75 0.0 (1.0)
cmyn4* 0.025 0.0 1.0 (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 -

relative Inform. Technology (IT)
olvi3* 0.975 0.75 0.0 (1.0)
cmyn3* 0.025 0.0 1.0 (0.0)
olvi4* 0.975 0.75 0.0 (1.0)
cmyn4* 0.025 0.0 1.0 (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 -

relative Inform. Technology (IT)
olvi3* 0.975 0.75 0.0 (1.0)
cmyn3* 0.025 0.0 1.0 (0.0)
olvi4* 0.975 0.75 0.0 (1.0)
cmyn4* 0.025 0.0 1.0 (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 -

relative Inform. Technology (IT)
olvi3* 0.975 0.75 0.0 (1.0)
cmyn3* 0.025 0.0 1.0 (0.0)
olvi4* 0.975 0.75 0.0 (1.0)
cmyn4* 0.025 0.0 1.0 (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 -

relative Inform. Technology (IT)
olvi3* 0.975 0.75 0.0 (1.0)
cmyn3* 0.025 0.0 1.0 (0.0)
olvi4* 0.975 0.75 0.0 (1.0)
cmyn4* 0.025 0.0 1.0 (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 -

relative Inform. Technology (IT)
olvi3* 0.975 0.75 0.0 (1.0)
cmyn3* 0.025 0.0 1.0 (0.0)
olvi4* 0.975 0.75 0.0 (1.0)
cmyn4* 0.025 0.0 1.0 (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 -

relative Inform. Technology (IT)
olvi3* 0.975 0.75 0.0 (1.0)
cmyn3* 0.025 0.0 1.0 (0.0)
olvi4* 0.975 0.75 0.0 (1.0)
cmyn4* 0.025 0.0 1.0 (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 -

relative Inform. Technology (IT)
olvi3* 0.975 0.75 0.0 (1.0)
cmyn3* 0.025 0.0 1.0 (0.0)
olvi4* 0.975 0.75 0.0 (1.0)
cmyn4* 0.025 0.0 1.0 (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 -

relative Inform. Technology (IT)
olvi3* 0.975 0.75 0.0 (1.0)
cmyn3* 0.025 0.0 1.0 (0.0)
olvi4* 0.975 0.75 0.0 (1.0)
cmyn4* 0.025 0.0 1.0 (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 -

relative Inform. Technology (IT)
olvi3* 0.975 0.75 0.0 (1.0)
cmyn3* 0.025 0.0 1.0 (0.0)
olvi4* 0.975 0.75 0.0 (1.0)
cmyn4* 0.025 0.0 1.0 (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 -

relative Inform. Technology (IT)
olvi3* 0.975 0.75 0.0 (1.0)
cmyn3* 0.025 0.0 1.0 (0.0)
olvi4* 0.975 0.75 0.0 (1.0)
cmyn4* 0.025 0.0 1.0 (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 -

relative Inform. Technology (IT)
olvi3* 0.975 0.75 0.0 (1.0)
cmyn3* 0.025 0.0 1.0 (0.0)
olvi4* 0.975 0.75 0.0 (1.0)
cmyn4* 0.025 0.0 1.0 (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 -

relative Inform. Technology (IT)
olvi3* 0.975 0.75 0.0 (1.0)
cmyn3* 0.025 0.0 1.0 (0.0)
olvi4* 0.975 0.75 0.0 (1.0)
cmyn4* 0.025 0.0 1.0 (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 -

UE570-7, 5 step scales for constant CIELAB hue 92/360 = 0.256 (left)

5 step scales for constant CIELAB hue 92/360 = 0.255 (right)

BAM-test chart UE57; Colorimetric systems NRS11 & ORS18

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

input: $cmv0^* setcmvcolor$

output: no change compared to input

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A diagram of a 4-strand DNA structure. The top strand is labeled 'L' and is highlighted in green. The second strand from the top is labeled 'S' and is highlighted in blue. The third strand from the top is labeled 'V' and is highlighted in purple. The bottom strand is not labeled. The strands are connected by horizontal lines representing base pairs.