

Input: Colorimetric Offset Reflective System ORS18

for hue $h^* = lab^*h = 38/360 = 0.106$

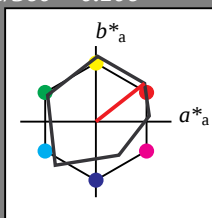
lab^*tch and lab^*nch

A: hue 0

LCH*Ma: 48 82 38

olv*Ma: 1.0 0.0 0.0

triangle lightness t^*



ORS18; adapted (a) CIELAB data

	$L^*=L_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	47.94	64.42	50.58	81.9	38
Y _{Ma}	92.62	2.41	86.36	86.39	88
L _{Ma}	50.9	-63.82	35.02	72.81	151
C _{Ma}	51.25	-53.68	-57.69	78.82	227
V _{Ma}	25.72	30.34	-44.37	53.76	304
M _{Ma}	56.25	70.59	7.57	70.99	6
N _{Ma}	18.11	0.0	0.0	0.0	0
W _{Ma}	95.6	0.0	0.0	0.0	0
R _{CIE}	47.79	60.85	41.08	73.41	34
J _{CIE}	83.82	6.52	66.9	67.22	84
G _{CIE}	49.0	-36.83	2.78	36.95	176
B _{CIE}	25.14	-18.35	-56.22	59.15	252

%Regularity

$g^*_{H,rel} = -385$

$g^*_{C,rel} = 62$

relative Inform. Technology (IT)

olv3*	1.0	1.0	1.0	(1.0)
olv3*	0.0	0.0	0.0	(0.0)
olv4*	1.0	1.0	1.0	(1.0)
olv4*	0.0	0.0	0.0	(0.0)
olv4*	0.0	0.0	0.0	(0.0)

standard and adapted CIELAB

LAB*LAB	95.6	0.43	4.65
LAB*LAB	95.6	0.0	0.0
LAB*LAB	95.6	0.0	0.0

relative CIELAB lab*

lab*lab	1.0	0.0	0.0
lab*lab	1.0	0.0	0.0
lab*lab	1.0	0.0	0.0

relative Natural Colour (NC)

lab*lab	1.0	0.0	0.0
lab*lab	1.0	0.0	0.0
lab*lab	1.0	0.0	0.0

relative Inform. Technology (IT)

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

standard and adapted CIELAB

LAB*LAB	76.23	0.62	3.36
LAB*LAB	76.23	0.0	0.0
LAB*LAB	76.23	0.0	0.0

relative CIELAB lab*

lab*lab	0.75	0.0	0.0
lab*lab	0.75	0.0	0.0
lab*lab	0.75	0.0	0.0

relative Natural Colour (NC)

lab*lab	0.75	0.0	0.0
lab*lab	0.75	0.0	0.0
lab*lab	0.75	0.0	0.0

relative Inform. Technology (IT)

olv3*	0.5	0.5	0.5	(1.0)
olv3*	0.0	0.0	0.0	(0.0)
olv4*	1.0	1.0	1.0	(1.0)
olv4*	0.0	0.0	0.0	(0.0)
olv4*	0.0	0.0	0.0	(0.0)

standard and adapted CIELAB

LAB*LAB	56.86	0.8	2.08
LAB*LAB	56.86	0.0	0.0
LAB*LAB	56.86	0.0	0.0

relative CIELAB lab*

lab*lab	0.5	0.0	0.0
lab*lab	0.5	0.0	0.0
lab*lab	0.5	0.0	0.0

relative Natural Colour (NC)

lab*lab	0.5	0.0	0.0
lab*lab	0.5	0.0	0.0
lab*lab	0.5	0.0	0.0

relative Inform. Technology (IT)

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

standard and adapted CIELAB

LAB*LAB	37.48	0.79	1.79
LAB*LAB	37.48	0.0	0.0
LAB*LAB	37.48	0.0	0.0

relative CIELAB lab*

lab*lab	0.25	0.0	0.0
lab*lab	0.25	0.0	0.0
lab*lab	0.25	0.0	0.0

relative Natural Colour (NC)

lab*lab	0.25	0.0	0.0
lab*lab	0.25	0.0	0.0
lab*lab	0.25	0.0	0.0

relative Inform. Technology (IT)

olv3*	0.0	0.0	0.0	(1.0)
olv3*	1.0	1.0	1.0	(0.0)
olv4*	1.0	1.0	1.0	(1.0)
olv4*	0.0	0.0	0.0	(0.0)
olv4*	0.0	0.0	0.0	(0.0)

standard and adapted CIELAB

LAB*LAB	18.12	0.18	0.49
LAB*LAB	18.12	0.0	0.0
LAB*LAB	18.12	0.0	0.0

relative CIELAB lab*

lab*lab	0.0	0.0	0.0
lab*lab	0.0	0.0	0.0
lab*lab	0.0	0.0	0.0

relative Natural Colour (NC)

lab*lab	0.0	0.0	0.0
lab*lab	0.0	0.0	0.0
lab*lab	0.0	0.0	0.0

relative Inform. Technology (IT)

olv3*	0.0	0.0	0.0	(1.0)
olv3*	1.0	1.0	1.0	(0.0)
olv4*	1.0	1.0	1.0	(1.0)
olv4*	0.0	0.0	0.0	(0.0)
olv4*	0.0	0.0	0.0	(0.0)

standard and adapted CIELAB

LAB*LAB	0.01	0.01	0.01
LAB*LAB	0.01	0.0	0.0
LAB*LAB	0.01	0.0	0.0

relative CIELAB lab*

lab*lab	0.0	0.0	0.0
lab*lab	0.0	0.0	0.0
lab*lab	0.0	0.0	0.0

relative Natural Colour (NC)

lab*lab	0.0	0.0	0.0
lab*lab	0.0	0.0	0.0
lab*lab	0.0	0.0	0.0

relative Inform. Technology (IT)

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

standard and adapted CIELAB

LAB*LAB	83.68	16.64	16.51
LAB*LAB	83.68	16.1	12.64
LAB*LAB	83.68	16.1	12.64

relative CIELAB lab*

lab*lab	0.846	0.197	0.154
lab*lab	0.846	0.25	0.106
lab*lab	0.846	0.25	0.106

relative Natural Colour (NC)

lab*lab	0.846	0.25	0.106
lab*lab	0.846	0.25	0.106
lab*lab	0.846	0.25	0.106

relative Inform. Technology (IT)

olv3*	0.75	0.5	0.5	(1.0)
olv3*	0.25	0.25	0.25	(0.0)
olv4*	1.0	0.75	0.75	(1.0)
olv4*	0.0	0.25	0.25	(0.0)
olv4*	0.0	0.25	0.25	(0.0)

standard and adapted CIELAB

LAB*LAB	64.31	16.84	15.22
LAB*LAB	64.31	16.1	12.64
LAB*LAB	64.31	16.1	12.64

relative CIELAB lab*

lab*lab	0.596	0.248	0.032
lab*lab	0.596	0.25	0.02
lab*lab	0.596	0.25	0.02

relative Natural Colour (NC)

lab*lab	0.596	0.248	0.032
lab*lab	0.596	0.25	0.02
lab*lab	0.596	0.25	0.02

relative Inform. Technology (IT)

olv3*	0.5	0.25	0.25	(1.0)
olv3*	0.75	0.75	0.75	(0.0)
olv4*	1.0	0.75	0.75	(1.0)
olv4*	0.0	0.25	0.25	(0.0)
olv4*	0.0	0.25	0.25	(0.0)

standard and adapted CIELAB

LAB*LAB	44.57	17.02	13.94
LAB*LAB	44.57	16.1	12.64
LAB*LAB	44.57	16.1	12.64

relative CIELAB lab*

lab*lab	0.442	0.496	0.064
lab*lab	0.442	0.5	0.081
lab*lab	0.442	0.5	0.081

relative Natural Colour (NC)

lab*lab	0.442	0.496	0.064
lab*lab	0.442	0.5	0.081
lab*lab	0.442	0.5	0.081

relative Inform. Technology (IT)

olv3*	0.5	0.0	0.0	(1.0)
olv3*	0.75	0.75	0.75	(0.0)
olv4*	1.0	0.75	0.75	(1.0)
olv4*	0.0	0.25	0.25	(0.0)
olv4*	0.0	0.25	0.25	(0.0)

standard and adapted CIELAB

LAB*LAB	32.4	33.06	27.08
LAB*LAB	32.4	32.21	25.29
LAB*LAB	32.4	32.21	25.29

relative CIELAB lab*

lab*lab	0.389	0.59	0.463
lab*lab	0.389	0.75	0.106
lab*lab	0.389	0.75	0.106

relative Natural Colour (NC)

lab*lab	0.389	0.59	0.463
lab*lab	0.389	0.75	0.106
lab*lab	0.389	0.75	0.106

relative Inform. Technology (IT)

olv3*	0.5	0.0	0.0	(1.0)
olv3*	0.75	0.75	0.75	(0.0)
olv4*	1.0	0.75	0.75	(1.0)
olv4*	0.0	0.25	0.25	(0.0)
olv4*	0.0	0.25	0.25	(0.0)

standard and adapted CIELAB

LAB*LAB	33.03	32.2	25.28
LAB*LAB	33.03	32.2	25.28
LAB*LAB	33.03	32.2	25.28

relative CIELAB lab*

lab*lab	0.193	0.393	0.309
lab*lab	0.193	0.25	0.106
lab*lab	0.193	0.25	0.106

relative Natural Colour (NC)

lab*lab	0.193	0.393	0.309
lab*lab	0.193	0.25	0.106
lab*lab	0.193	0.25	0.106

relative Inform. Technology (IT)

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

standard and adapted CIELAB

LAB*LAB	25.37	17.21	12.65
LAB*LAB	25.37	16.1	12.64
LAB*LAB	25.37	16.1	12.64

relative Inform. Technology (IT)

olv3*	1.0	0.5	0.5	(1.0)
olv3*	0.0	0.5	0.5	(0.0)
olv4*	1.0	0.5	0.5	(1.0)
olv4*	0.0	0.5	0.5	(0.0)
olv4*	0.0	0.5	0.5	(0.0)

standard and adapted CIELAB

LAB*LAB	71.77	32.2	25.28
LAB*LAB	71.77	32.2	25.28
LAB*LAB	71.77	32.2	25.28

relative CIELAB lab*

lab*lab	0.692	0.393	0.309
lab*lab	0.692	0.5	0.106
lab*lab	0.692	0.5	0.106

relative Natural Colour (NC)

lab*lab	0.692	0.393	0.309
lab*lab	0.692	0.5	0.106
lab*lab	0.692	0.5	0.106

relative Inform. Technology (IT)

olv3*	0.75	0.0	0.0	(1.0)
olv3*	0.25	0.75	0.75	(0.0)
olv4*	1.0	0.5	0.5	(1.0)
olv4*	0.0	0.5	0.5	(0.0)
olv4*	0.0	0.5	0.5	(0.0)

standard and adapted CIELAB

LAB*LAB	59.85	49.08	40.21
LAB*LAB	59.85	49.08	40.21
LAB*LAB	59.85	49.08	40.21

relative CIELAB lab*

lab*lab	0.539	0.59	0.463
lab*lab	0.539	0.75	0.106
lab*lab	0.539	0.75	0.106

relative Natural Colour (NC)

lab*lab	0.539	0.59	0.463
lab*lab	0.539	0.75	0.106
lab*lab	0.539	0.75	0.106

relative Inform. Technology (IT)

olv3*	0.75	0.0	0.0	(1.0)
olv3*	0.25	0.75	0.75	(0.0)
olv4*	1.0	0.5	0.5	(1.0)
olv4*	0.0	0.5	0.5	(0.0)
olv4*	0.0	0.5	0.5	(0.0)

standard and adapted CIELAB

LAB*LAB	47.94	65.31	52.06
LAB*LAB	47.94	64.41	50.57
LAB*LAB	47.94	64.41	50.57

relative CIELAB lab*

lab*lab	0.389	0.786	0.617
lab*lab	0.389	0.5	0.106
lab*lab	0.389	0.5	0.106

relative Natural Colour (NC)

lab*lab	0.389	0.786	0.617
lab*lab	0.389	0.5	0.106
lab*lab	0.389	0.5	0.106

relative Inform. Technology (IT)

olv3*	0.5	0.0	0.0	(1.0)
olv3*	0.75	0.75	0.75	(0.0)
olv4*	1.0	0.75	0.75	(1.0)
olv4*	0.0	0.25	0.25	(0.0)
olv4*	0.0	0.25	0.25	(0.0)

standard and adapted CIELAB

LAB*LAB	37.51	61.42	38.14
LAB*LAB	37.51	61.42	38.14
LAB*LAB	37.51	61.42	38.14

relative CIELAB lab*

lab*lab	0.289	0.59	0.463
lab*lab	0.289	0.75	0.106
lab*lab	0.289	0.75	0.106

relative Natural Colour (NC)

lab*lab	0.289	0.59	0.463
lab*lab	0.289	0.75	0.106
lab*lab	0.289	0.75	0.106

Input: Colorimetric Offset Reflective System ORS18

for hue $h^* = lab^*h = 88/360 = 0.246$

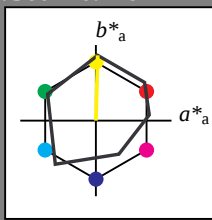
lab^*tch and lab^*nch

A: hue Y

LCH*Ma: 93 86 88

olv*Ma: 1.0 1.0 0.0

triangle lightness t^*



ORS18; adapted (a) CIELAB data

	$L^*=L_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	47.94	64.42	50.58	81.9	38
Y _{Ma}	92.62	2.41	86.36	86.39	88
L _{Ma}	50.9	-63.82	35.02	72.81	151
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V _{Ma}	25.72	30.34	-44.37	53.76	304
M _{Ma}	56.25	70.59	7.57	70.99	6
N _{Ma}	18.11	0.0	0.0	0.0	0
W _{Ma}	95.6	0.0	0.0	0.0	0
R _{CIE}	47.79	60.85	41.08	73.41	34
J _{CIE}	83.82	6.52	66.9	67.22	84
G _{CIE}	49.0	-36.83	2.78	36.95	176
B _{CIE}	25.14	-18.35	-56.22	59.15	252

%Regularity

$g^*_{H,rel} = -385$

$g^*_{C,rel} = 62$

relative Inform. Technology (IT)

olv3*	1.0	1.0	1.0	(1.0)
olv3*	0.0	0.0	0.0	(0.0)
olv4*	1.0	1.0	1.0	(1.0)
olv4*	0.0	0.0	0.0	(0.0)
olv4*	0.0	0.0	0.0	(0.0)
olv4*	0.0	0.0	0.0	(0.0)

relative Inform. Technology (IT)

olv3*	1.0	1.0	0.75	(1.0)
olv3*	0.0	0.0	0.75	(0.0)
olv4*	1.0	1.0	0.75	(1.0)
olv4*	0.0	0.0	0.75	(0.0)
olv4*	0.0	0.0	0.75	(0.0)
olv4*	0.0	0.0	0.75	(0.0)

relative Inform. Technology (IT)

olv3*	1.0	1.0	0.5	(1.0)
olv3*	0.0	0.0	0.5	(0.0)
olv4*	1.0	1.0	0.5	(1.0)
olv4*	0.0	0.0	0.5	(0.0)
olv4*	0.0	0.0	0.5	(0.0)
olv4*	0.0	0.0	0.5	(0.0)

relative Inform. Technology (IT)

olv3*	1.0	1.0	0.25	(1.0)
olv3*	0.0	0.0	0.25	(0.0)
olv4*	1.0	1.0	0.25	(1.0)
olv4*	0.0	0.0	0.25	(0.0)
olv4*	0.0	0.0	0.25	(0.0)
olv4*	0.0	0.0	0.25	(0.0)

standard and adapted CIELAB

LAB*LAB	94.85	1.04	26.19
LAB*LAB	94.85	0.6	21.58
LAB*LAB	94.85	0.6	21.58
LAB*LAB	94.85	0.6	21.58

standard and adapted CIELAB

LAB*LAB	94.85	1.04	26.19
LAB*LAB	94.85	0.6	21.58
LAB*LAB	94.85	0.6	21.58
LAB*LAB	94.85	0.6	21.58

standard and adapted CIELAB

LAB*LAB	94.85	1.04	26.19
LAB*LAB	94.85	0.6	21.58
LAB*LAB	94.85	0.6	21.58
LAB*LAB	94.85	0.6	21.58

standard and adapted CIELAB

LAB*LAB	94.85	1.04	26.19
LAB*LAB	94.85	0.6	21.58
LAB*LAB	94.85	0.6	21.58
LAB*LAB	94.85	0.6	21.58

standard and adapted CIELAB

LAB*LAB	94.85	1.04	26.19
LAB*LAB	94.85	0.6	21.58
LAB*LAB	94.85	0.6	21.58
LAB*LAB	94.85	0.6	21.58

relative Inform. Technology (IT)

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

relative Inform. Technology (IT)

olv3*	0.75	0.75	0.5	(1.0)
olv3*	0.25	0.25	0.5	(0.0)
olv4*	1.0	1.0	0.75	(1.0)
olv4*	0.0	0.0	0.75	(0.0)
olv4*	0.0	0.0	0.75	(0.0)
olv4*	0.0	0.0	0.75	(0.0)

relative Inform. Technology (IT)

olv3*	0.75	0.75	0.25	(1.0)
olv3*	0.25	0.25	0.25	(0.0)
olv4*	1.0	1.0	0.5	(1.0)
olv4*	0.0	0.0	0.5	(0.0)
olv4*	0.0	0.0	0.5	(0.0)
olv4*	0.0	0.0	0.5	(0.0)

relative Inform. Technology (IT)

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

relative Inform. Technology (IT)

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

standard and adapted CIELAB

LAB*LAB	76.23	0.62	3.36
LAB*LAB	76.23	0.0	0.0
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standard and adapted CIELAB

LAB*LAB	76.23	0.62	3.36
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standard and adapted CIELAB

LAB*LAB	76.23	0.62	3.36
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standard and adapted CIELAB

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standard and adapted CIELAB

LAB*LAB	76.23	0.62	3.36
LAB*LAB	76.23	0.0	0.0
LAB*LAB	76.23	0.0	0.0
LAB*LAB	76.23	0.0	0.0

relative Inform. Technology (IT)

olv3*	0.5	0.5	0.5	(1.0)
olv3*	0.0	0.0	0.0	(0.0)
olv4*	1.0	1.0	0.5	(1.0)
olv4*	0.0	0.0	0.5	(0.0)
olv4*	0.0	0.0	0.5	(0.0)
olv4*	0.0	0.0	0.5	(0.0)

relative Inform. Technology (IT)

olv3*	0.5	0.5	0.25	(1.0)
olv3*	0.0	0.0	0.25	(0.0)
olv4*	1.0	1.0	0.25	(1.0)
olv4*	0.0	0.0	0.25	(0.0)
olv4*	0.0	0.0	0.25	(0.0)
olv4*	0.0	0.0	0.25	(0.0)

relative Inform. Technology (IT)

olv3*	0.5	0.5	0.0	(1.0)
olv3*	0.0	0.0	0.0	(0.0)
olv4*	1.0	1.0	0.0	(1.0)
olv4*	0.0	0.0	0.0	(0.0)
olv4*	0.0	0.0	0.0	(0.0)
olv4*	0.0	0.0	0.0	(0.0)

relative Inform. Technology (IT)

olv3*	0.5	0.5	0.0	(1.0)
olv3*	0.0	0.0	0.0	(0.0)
olv4*	1.0	1.0	0.0	(1.0)
olv4*	0.0	0.0	0.0	(0.0)
olv4*	0.0	0.0	0.0	(0.0)
olv4*	0.0	0.0	0.0	(0.0)

relative Inform. Technology (IT)

olv3*	0.5	0.5	0.0	(1.0)
olv3*	0.0	0.0	0.0	(0.0)
olv4*	1.0	1.0	0.0	(1.0)
olv4*	0.0	0.0	0.0	(0.0)
olv4*	0.0	0.0	0.0	(0.0)
olv4*	0.0	0.0	0.0	(0.0)

standard and adapted CIELAB

LAB*LAB	56.86	0.8	2.08
LAB*LAB	56.86	0.0	0.0
LAB*LAB	56.86	0.0	0.0
LAB*LAB	56.86	0.0	0.0

standard and adapted CIELAB

LAB*LAB	56.86	0.8	2.08
LAB*LAB	56.86	0.0	0.0
LAB*LAB	56.86	0.0	0.0
LAB*LAB	56.86	0.0	0.0

standard and adapted CIELAB

LAB*LAB	56.86	0.8	2.08
LAB*LAB	56.86	0.0	0.0
LAB*LAB	56.86	0.0	0.0
LAB*LAB	56.86	0.0	0.0

standard and adapted CIELAB

LAB*LAB	56.86	0.8	2.08
LAB*LAB	56.86	0.0	0.0
LAB*LAB	56.86	0.0	0.0
LAB*LAB	56.86	0.0	0.0

standard and adapted CIELAB

LAB*LAB	56.86	0.8	2.08
LAB*LAB	56.86	0.0	0.0
LAB*LAB	56.86	0.0	0.0
LAB*LAB	56.86	0.0	0.0

relative Inform. Technology (IT)

olv3*	0.25	0.25	0.25	(1.0)
olv3*	0.0	0.0	0.0	(0.0)
olv4*	1.0	1.0	0.25	(1.0)
olv4*	0.0	0.0	0.25	(0.0)
olv4*	0.0	0.0	0.25	(0.0)
olv4*	0.0	0.0	0.25	(0.0)

relative Inform. Technology (IT)

olv3*	0.25	0.25	0.125	(1.0)
olv3*	0.0	0.0	0.125	(0.0)
olv4*	1.0	1.0	0.125	(1.0)
olv4*	0.0	0.0	0.125	(0.0)
olv4*	0.0	0.0	0.125	(0.0)
olv4*	0.0	0.0	0.125	(0.0)

relative Inform. Technology (IT)

olv3*	0.25	0.25	0.0	(1.0)
olv3*	0.0	0.0	0.0	(0.0)
olv4*	1.0	1.0	0.0	(1.0)
olv4*	0.0	0.0	0.0	(0.0)
olv4*	0.0	0.0	0.0	(0.0)
olv4*	0.0	0.0	0.0	(0.0)

relative Inform. Technology (IT)

olv3*	0.25	0.25	0.0	(1.0)
olv3*	0.0	0.0	0.0	(0.0)
olv4*	1.0	1.0	0.0	(1.0)
olv4*	0.0	0.0	0.0	(0.0)
olv4*	0.0	0.0	0.0	(0.0)
olv4*	0.0	0.0	0.0	(0.0)

relative Inform. Technology (IT)

olv3*	0.25	0.25	0.0	(1.0)
olv3*	0.0	0.0	0.0	(0.0)
olv4*	1.0	1.0	0.0	(1.0)
olv4*	0.0	0.0	0.0	(0.0)
olv4*	0.0	0.0	0.0	(0.0)
olv4*	0.0	0.0	0.0	(0.0)

standard and adapted CIELAB

LAB*LAB	37.49	0.49	0.79
LAB*LAB	37.49	0.0	0.0
LAB*LAB	37.49	0.0	0.0
LAB*LAB	37.49	0.0	0.0

standard and adapted CIELAB

LAB*LAB	37.49	0.49	0.79
LAB*LAB	37.49	0.0	0.0
LAB*LAB	37.49	0.0	0.0
LAB*LAB	37.49	0.0	0.0

standard and adapted CIELAB

LAB*LAB	37.49	0.49	0.79
LAB*LAB	37.49	0.0	0.0
LAB*LAB	37.49	0.0	0.0
LAB*LAB	37.49	0.0	0.0

standard and adapted CIELAB

LAB*LAB	37.49	0.49	0.79
LAB*LAB	37.49	0.0	0.0
LAB*LAB	37.49	0.0	0.0
LAB*LAB	37.49	0.0	0.0

standard and adapted CIELAB

LAB*LAB	37.49	0.49	0.79
LAB*LAB	37.49	0.0	0.0
LAB*LAB	37.49	0.0	0.0
LAB*LAB	37.49	0.0	0.0

relative Inform. Technology (IT)

olv3*	0.0	0.0	0.0	(1.0)
olv3*	0.0	0.0	0.0	(0.0)
olv4*	1.0	1.0	0.0	(1.0)
olv4*	0.0	0.0	0.0	(0.0)
olv4*	0.0	0.0	0.0	(0.0)
olv4*	0.0	0.0	0.0	(0.0)

relative Inform. Technology (IT)

olv3*	0.0	0.0	0.0	(1.0)
olv3*	0.0	0.0	0.0	(0.0)
olv4*	1.0	1.0	0.0	(1.0)
olv4*	0.0	0.0	0.0	(0.0)
olv4*	0.0	0.0	0.0	(0.0)
olv4*	0.0	0.0	0.0	(0.0)

$n^* = 0,50$



Input: Colorimetric Offset Reflective System ORS18

for hue $h^* = lab^*h = 227/360 = 0.631$

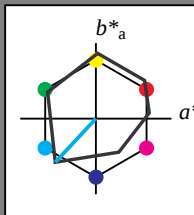
lab^*tch and lab^*nch

A: hue C

LCH*Ma: 51 79 227

olv*Ma: 0.0 1.0 1.0

triangle lightness t^*



ORS18; adapted (a) CIELAB data

	$L^*=L_a^*$	a_a^*	b_a^*	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	47.94	64.42	50.58	81.9	38
Y _{Ma}	92.62	2.41	86.36	86.39	88
L _{Ma}	50.9	-63.82	35.02	72.81	151
C _{Ma}	51.25	-53.68	-57.69	78.82	227
V _{Ma}	25.72	30.34	-44.37	53.76	304
M _{Ma}	56.25	70.59	7.57	70.99	6
N _{Ma}	18.11	0.0	0.0	0.0	0
W _{Ma}	95.6	0.0	0.0	0.0	0
R _{CIE}	47.79	60.85	41.08	73.41	34
J _{CIE}	83.82	6.52	66.9	67.22	84
G _{CIE}	49.0	-36.83	2.78	36.95	176
B _{CIE}	25.14	-18.35	-56.22	59.15	252

%Regularity

$g^*_{H,rel} = -385$

$g^*_{C,rel} = 62$

relative Inform. Technology (IT)

olv3*	1.0	1.0	1.0	(1.0)
olv3*	0.0	0.0	0.0	(0.0)
olv4*	1.0	1.0	1.0	(1.0)
olv4*	0.0	0.0	0.0	(0.0)
cmyn3*	0.0	0.0	0.0	(0.0)
cmyn3*	0.0	0.0	0.0	(0.0)
LAB*LAB	95.6	0.43	4.65	
LAB*LAB	95.6	0.0	0.0	
LAB*LAB	95.6	0.0	0.0	

relative Inform. Technology (IT)

olv3*	0.75	1.0	1.0	(1.0)
olv3*	0.25	0.0	0.0	(0.0)
olv4*	0.75	1.0	1.0	(1.0)
olv4*	0.25	0.0	0.0	(0.0)
cmyn3*	0.25	0.0	0.0	(0.0)
cmyn3*	0.0	0.0	0.0	(0.0)
LAB*LAB	84.51	-12.87	-10.49	
LAB*LAB	84.51	-13.41	-14.41	
LAB*LAB	84.51	-13.41	-14.41	

relative Inform. Technology (IT)

olv3*	0.5	1.0	1.0	(1.0)
olv3*	0.5	0.0	0.0	(0.0)
olv4*	0.5	1.0	1.0	(1.0)
olv4*	0.5	0.0	0.0	(0.0)
cmyn3*	0.5	0.0	0.0	(0.0)
cmyn3*	0.0	0.0	0.0	(0.0)
LAB*LAB	73.42	-26.18	-25.65	
LAB*LAB	73.42	-26.83	-28.84	
LAB*LAB	73.42	-26.83	-28.84	

relative Inform. Technology (IT)

olv3*	0.25	1.0	1.0	(1.0)
olv3*	0.25	0.0	0.0	(0.0)
olv4*	0.25	1.0	1.0	(1.0)
olv4*	0.25	0.0	0.0	(0.0)
cmyn3*	0.25	0.0	0.0	(0.0)
cmyn3*	0.0	0.0	0.0	(0.0)
LAB*LAB	62.33	-39.5	-40.81	
LAB*LAB	62.33	-40.25	-43.26	
LAB*LAB	62.33	-40.25	-43.26	

relative Inform. Technology (IT)

olv3*	0.0	1.0	1.0	(1.0)
olv3*	0.0	0.0	0.0	(0.0)
olv4*	0.0	1.0	1.0	(1.0)
olv4*	0.0	0.0	0.0	(0.0)
cmyn3*	0.0	0.0	0.0	(0.0)
cmyn3*	0.0	0.0	0.0	(0.0)
LAB*LAB	51.25	-52.81	-55.97	
LAB*LAB	51.25	-53.67	-57.68	
LAB*LAB	51.25	-53.67	-57.68	

relative Inform. Technology (IT)

olv3*	0.0	0.5	0.5	(0.0)
olv3*	0.0	0.0	0.0	(0.0)
olv4*	0.0	0.5	0.5	(0.0)
olv4*	0.0	0.0	0.0	(0.0)
cmyn3*	0.0	0.0	0.0	(0.0)
cmyn3*	0.0	0.0	0.0	(0.0)
LAB*LAB	47.72	0.0	0.0	
LAB*LAB	47.72	0.0	0.0	
LAB*LAB	47.72	0.0	0.0	

relative Inform. Technology (IT)

olv3*	0.75	0.75	0.75	(1.0)
olv3*	0.25	0.25	0.25	(0.0)
olv4*	1.0	1.0	1.0	(1.0)
olv4*	0.0	0.0	0.0	(0.0)
cmyn3*	0.0	0.0	0.0	(0.0)
cmyn3*	0.0	0.0	0.0	(0.0)
LAB*LAB	76.23	0.62	3.36	
LAB*LAB	76.23	0.0	0.0	
LAB*LAB	76.23	0.0	0.0	

relative Inform. Technology (IT)

olv3*	0.5	0.75	0.75	(1.0)
olv3*	0.25	0.25	0.25	(0.0)
olv4*	0.5	1.0	1.0	(1.0)
olv4*	0.25	0.0	0.0	(0.0)
cmyn3*	0.25	0.0	0.0	(0.0)
cmyn3*	0.0	0.0	0.0	(0.0)
LAB*LAB	65.14	-12.69	-11.78	
LAB*LAB	65.14	-13.41	-14.42	
LAB*LAB	65.14	-13.41	-14.42	

relative Inform. Technology (IT)

olv3*	0.25	0.75	0.75	(1.0)
olv3*	0.25	0.25	0.25	(0.0)
olv4*	0.25	1.0	1.0	(1.0)
olv4*	0.25	0.0	0.0	(0.0)
cmyn3*	0.25	0.0	0.0	(0.0)
cmyn3*	0.0	0.0	0.0	(0.0)
LAB*LAB	54.05	-26.0	-26.94	
LAB*LAB	54.05	-26.83	-28.84	
LAB*LAB	54.05	-26.83	-28.84	

relative Inform. Technology (IT)

olv3*	0.0	0.75	0.75	(1.0)
olv3*	0.0	0.25	0.25	(0.0)
olv4*	0.0	1.0	1.0	(1.0)
olv4*	0.0	0.0	0.0	(0.0)
cmyn3*	0.0	0.0	0.0	(0.0)
cmyn3*	0.0	0.0	0.0	(0.0)
LAB*LAB	47.72	-39.31	-43.1	
LAB*LAB	47.72	-40.25	-43.26	
LAB*LAB	47.72	-40.25	-43.26	

relative Inform. Technology (IT)

olv3*	0.0	0.25	0.25	(0.0)
olv3*	0.0	0.0	0.0	(0.0)
olv4*	0.0	0.25	0.25	(0.0)
olv4*	0.0	0.0	0.0	(0.0)
cmyn3*	0.0	0.0	0.0	(0.0)
cmyn3*	0.0	0.0	0.0	(0.0)
LAB*LAB	51.25	-52.81	-55.97	
LAB*LAB	51.25	-53.67	-57.68	
LAB*LAB	51.25	-53.67	-57.68	

relative Inform. Technology (IT)

olv3*	0.0	0.25	0.25	(0.0)
olv3*	0.0	0.0	0.0	(0.0)
olv4*	0.0	0.25	0.25	(0.0)
olv4*	0.0	0.0	0.0	(0.0)
cmyn3*	0.0	0.0	0.0	(0.0)
cmyn3*	0.0	0.0	0.0	(0.0)
LAB*LAB	47.72	0.0	0.0	
LAB*LAB	47.72	0.0	0.0	
LAB*LAB	47.72	0.0	0.0	

relative Inform. Technology (IT)

olv3*	0.25	0.25	0.25	(1.0)
olv3*	0.75	0.75	0.75	(0.0)
olv4*	1.0	1.0	1.0	(1.0)
olv4*	0.0	0.0	0.0	(0.0)
cmyn3*	0.0	0.0	0.0	(0.0)
cmyn3*	0.0	0.0	0.0	(0.0)
LAB*LAB	37.49	0.18	0.79	
LAB*LAB	37.49	0.0	0.0	
LAB*LAB	37.49	0.0	0.0	

relative Inform. Technology (IT)

olv3*	0.0	0.5	0.5	(1.0)
olv3*	0.25	0.25	0.25	(0.0)
olv4*	0.0	1.0	1.0	(1.0)
olv4*	0.25	0.0	0.0	(0.0)
cmyn3*	0.25	0.0	0.0	(0.0)
cmyn3*	0.0	0.0	0.0	(0.0)
LAB*LAB	45.75	-12.5	-13.07	
LAB*LAB	45.75	-13.41	-14.42	
LAB*LAB	45.75	-13.41	-14.42	

relative Inform. Technology (IT)

olv3*	0.0	0.5	0.5	(1.0)
olv3*	0.25	0.25	0.25	(0.0)
olv4*	0.0	1.0	1.0	(1.0)
olv4*	0.25	0.0	0.0	(0.0)
cmyn3*	0.25	0.0	0.0	(0.0)
cmyn3*	0.0	0.0	0.0	(0.0)
LAB*LAB	34.68	-25.81	-28.22	
LAB*LAB	34.68	-26.83	-28.84	
LAB*LAB	34.68	-26.83	-28.84	

relative Inform. Technology (IT)

olv3*	0.0	0.25	0.25	(0.0)
olv3*	0.0	0.0	0.0	(0.0)
olv4*	0.0	0.25	0.25	(0.0)
olv4*	0.0	0.0	0.0	(0.0)
cmyn3*	0.0	0.0	0.0	(0.0)
cmyn3*	0.0	0.0	0.0	(0.0)
LAB*LAB	47.72	-39.31	-43.1	
LAB*LAB	47.72	-40.25	-43.26	
LAB*LAB	47.72	-40.25	-43.26	

relative Inform. Technology (IT)

olv3*	0.0	0.25	0.25	(0.0)
olv3*	0.0	0.0	0.0	(0.0)
olv4*	0.0	0.25	0.25	(0.0)
olv4*	0.0	0.0	0.0	(0.0)
cmyn3*	0.0	0.0	0.0	(0.0)
cmyn3*	0.0	0.0	0.0	(0.0)
LAB*LAB	47.72	0.0	0.0	
LAB*LAB	47.72	0.0	0.0	
LAB*LAB	47.72	0.0	0.0	

relative Inform. Technology (IT)

olv3*	0.25	0.25	0.25	(1.0)
olv3*	0.75	0.75	0.75	(0.0)
olv4*	1.0	1.0	1.0	(1.0)
olv4*	0.0	0.0	0.0	(0.0)
cmyn3*	0.0	0.0	0.0	(0.0)
cmyn3*	0.0	0.0	0.0	(0.0)
LAB*LAB	37.49	0.18	0.79	
LAB*LAB	37.49	0.0	0.0	
LAB*LAB	37.49	0.0	0.0	

relative Inform. Technology (IT)

olv3*	0.0	0.0	0.0	(1.0)
olv3*	0.25	0.25	0.25	(0.0)
olv4*	0.0	1.0	1.0	(1.0)
olv4*	0.25	0.0	0.0	(0.0)
cmyn3*	0.25	0.0	0.0	(0.0)
cmyn3*	0.0	0.0	0.0	(0.0)
LAB*LAB	26.4	-12.31	-14.35	
LAB*LAB	26.4	-13.41	-14.41	
LAB*LAB	26.4	-13.41	-14.41	

relative Inform. Technology (IT)

olv3*	0.0	0.25	0.25	(1.0)
olv3*	0.25	0.0	0.0	(0.0)
olv4*	0.0	0.75	0.75	(1.0)
olv4*	0.25	0.0	0.0	(0.0)
cmyn3*	0.25	0.0	0.0	(0.0)
cmyn3*	0.0	0.0	0.0	(0.0)
LAB*LAB	26.4	-12.31	-14.35	
LAB*LAB	26.4	-13.41	-14.41	
LAB*LAB	26.4	-13.41	-14.41	

relative Inform. Technology (IT)

olv3*	0.0	0.25	0.25	(1.0)
olv3*	0.25	0.0	0.0	(0.0)
olv4*	0.0	0.75	0.75	(1.0)
olv4*	0.25	0.0	0.0	(0.0)
cmyn3*	0.25	0.0	0.0	(0.0)
cmyn3*	0.0	0.0	0.0	(0.0)
LAB*LAB	26.4	-12.31	-14.35	
LAB*LAB	26.4	-13.41	-14.41	
LAB*LAB	26.4	-13.41	-14.41	

relative Inform. Technology (IT)

olv3*	0.0	0.0	0.0	(1.0)
olv3*	0.25	0.25	0.25	(0.0)
olv4*	0.0	1.0	1.0	(1.0)
olv4*	0.25	0.0	0.0	(0.0)
cmyn3*	0.25	0.0	0.0	(0.0)
cmyn3*	0.0	0.0	0.0	(0.0)
LAB*LAB	18.12	0.18	0.49	
LAB*LAB	18.12	0.0	0.0	
LAB*LAB	18.12	0.0	0.0	

relative Inform. Technology (IT)

olv3*	0.0	0.0	0.0	(1.0)
olv3*	0.25	0.25	0.25	(0.0)
olv4*	0.0	1.0	1.0	(1.0)
olv4*	0.25	0.0	0.0	(0.0)
cmyn3*	0.25	0.0	0.0	(0.0)
cmyn3*	0.0	0.0	0.0	(0.0)
LAB*LAB	18.12	0.18	0.49	
LAB*LAB	18.12	0.0	0.0	
LAB*LAB	18.12	0.0	0.0	

relative Inform. Technology (IT)

olv3*	0.0	0.0	0.0	(1.0)
olv3*	0.25	0.25	0.25	(0.0)
olv4*	0.0	1.0	1.0	(1.0)
olv4*	0.25	0.0	0.0	(0.0)
cmyn3*	0.25	0.0	0.0	(0.0)
cmyn3*	0.0	0.0	0.0	(0.0)
LAB*LAB	18.12	0.18	0.49	
LAB*LAB	18.12	0.0	0.0	
LAB*LAB	18.12	0.0	0.0	

SE500-7, 5 step scales for constant CIELAB hue 227/360 = 0.631 (left)

5 step scales for constant CIELAB hue 195/360 = 0.543 (right)

BAM-test chart SE50; Colorimetric systems ORS18 & TLS00

Input: Colorimetric Offset Reflective System ORS18

for hue $h^* = lab^*h = 304/360 = 0.845$

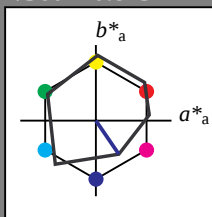
lab^*tch and lab^*nch

A: hue V

LCH*Ma: 26 54 304

olv*Ma: 0.0 0.0 1.0

triangle lightness t^*



ORS18; adapted (a) CIELAB data

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	47.94	64.42	50.58	81.9	38
Y _{Ma}	92.62	2.41	86.36	86.39	88
L _{Ma}	50.9	-63.82	35.02	72.81	151
C _{Ma}	51.25	-53.68	-57.69	78.82	227
V _{Ma}	25.72	30.34	-44.37	53.76	304
M _{Ma}	56.25	70.59	7.57	70.99	6
N _{Ma}	18.11	0.0	0.0	0.0	0
W _{Ma}	95.6	0.0	0.0	0.0	0
R _{CIE}	47.79	60.85	41.08	73.41	34
J _{CIE}	83.82	6.52	66.9	67.22	84
G _{CIE}	49.0	-36.83	2.78	36.95	176
B _{CIE}	25.14	-18.35	-56.22	59.15	252

%Regularity

$g^*_{H,rel} = -385$

$g^*_{C,rel} = 62$

relative Inform. Technology (IT)

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

relative Inform. Technology (IT)

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

LAB* <i>TCHa</i>	87.5	13.43	304.36
relative CIELAB <i>lab</i>*			
<i>lab</i> *	0.775	0.141	-0.20
<i>lab</i> * <i>tch</i>	0.875	0.25	0.845
<i>lab</i> * <i>nch</i>	0.0	0.25	0.845
relative Natural Colour (NC)			
<i>lab</i> * <i>lrj</i>	0.775	0.137	-0.20
<i>lab</i> * <i>tce</i>	0.875	0.25	0.842
<i>lab</i> * <i>nce</i>	0.0	0.25	0.836

Input: Colorimetric Offset Reflective System ORS18

for hue $h^* = lab^*h = 6/360 = 0.017$

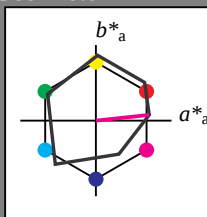
lab^*tch and lab^*nch

A: hue M

LCH*Ma: 56 71 6

olv*Ma: 1.0 0.0 1.0

triangle lightness t^*



ORS18; adapted (a) CIELAB data

	$L^*=L_a^*$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	47.94	64.42	50.58	81.9	38
Y _{Ma}	92.62	2.41	86.36	86.39	88
L _{Ma}	50.9	-63.82	35.02	72.81	151
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V _{Ma}	25.72	30.34	-44.37	53.76	304
M _{Ma}	56.25	70.59	7.57	70.99	6
N _{Ma}	18.11	0.0	0.0	0.0	0
W _{Ma}	95.6	0.0	0.0	0.0	0
R _{CIE}	47.79	60.85	41.08	73.41	34
J _{CIE}	83.82	6.52	66.9	67.22	84
G _{CIE}	49.0	-36.83	2.78	36.95	176
B _{CIE}	25.14	-18.35	-56.22	59.15	252

%Regularity

$g^*_{H,rel} = -385$

$g^*_{C,rel} = 62$

relative Inform. Technology (IT)

olv3*	1.0	1.0	1.0	(1.0)
cmv3*	0.0	0.0	0.0	(0.0)
olv4*	1.0	1.0	1.0	(1.0)
cmv4*	0.0	0.0	0.0	(0.0)

standard and adapted CIELAB

LAB*LAB	95.6	0.43	4.65
LAB*LAB	95.6	0.0	0.0
LAB*LAB	95.6	0.0	0.0

relative Inform. Technology (IT)

olv3*	1.0	0.75	1.0	(1.0)
cmv3*	0.0	0.25	0.0	(0.0)
olv4*	1.0	0.75	1.0	(1.0)
cmv4*	0.0	0.25	0.0	(0.0)

standard and adapted CIELAB

LAB*LAB	85.76	18.17	5.9
LAB*LAB	85.76	17.64	1.89
LAB*LAB	85.76	17.64	6.12

relative Inform. Technology (IT)

olv3*	1.0	0.5	1.0	(1.0)
cmv3*	0.0	0.5	0.0	(0.0)
olv4*	1.0	0.5	1.0	(1.0)
cmv4*	0.0	0.5	0.0	(0.0)

standard and adapted CIELAB

LAB*LAB	75.92	35.91	7.13
LAB*LAB	75.92	35.29	3.78
LAB*LAB	75.92	35.29	6.12

relative Inform. Technology (IT)

olv3*	1.0	0.25	1.0	(1.0)
cmv3*	0.0	0.75	0.0	(0.0)
olv4*	1.0	0.25	1.0	(1.0)
cmv4*	0.0	0.75	0.0	(0.0)

standard and adapted CIELAB

LAB*LAB	66.08	53.65	8.27
LAB*LAB	66.08	53.65	8.27
LAB*LAB	66.08	53.65	8.27

relative Inform. Technology (IT)

olv3*	1.0	0.0	1.0	(1.0)
cmv3*	0.0	1.0	0.0	(0.0)
olv4*	1.0	0.0	1.0	(1.0)
cmv4*	0.0	1.0	0.0	(0.0)

standard and adapted CIELAB

LAB*LAB	56.25	71.39	9.61
LAB*LAB	56.25	70.58	7.56
LAB*LAB	56.25	70.58	7.56

relative Inform. Technology (IT)

olv3*	0.5	0.5	0.5	(0.0)
cmv3*	0.5	0.5	0.5	(0.0)
olv4*	1.0	1.0	1.0	(1.0)
cmv4*	0.0	0.0	0.0	(0.0)

standard and adapted CIELAB

LAB*LAB	47.79	60.85	41.08
LAB*LAB	47.79	60.85	41.08
LAB*LAB	47.79	60.85	41.08

relative Inform. Technology (IT)

olv3*	0.25	0.25	0.25	(1.0)
cmv3*	0.25	0.25	0.25	(1.0)
olv4*	1.0	1.0	1.0	(1.0)
cmv4*	0.0	0.0	0.0	(0.0)

standard and adapted CIELAB

LAB*LAB	47.79	60.85	41.08
LAB*LAB	47.79	60.85	41.08
LAB*LAB	47.79	60.85	41.08

relative Inform. Technology (IT)

olv3*	0.75	0.75	0.75	(1.0)
cmv3*	0.75	0.75	0.75	(1.0)
olv4*	1.0	1.0	1.0	(1.0)
cmv4*	0.0	0.0	0.0	(0.0)

standard and adapted CIELAB

LAB*LAB	47.79	60.85	41.08
LAB*LAB	47.79	60.85	41.08
LAB*LAB	47.79	60.85	41.08

relative Inform. Technology (IT)

olv3*	0.25	0.25	0.25	(1.0)
cmv3*	0.25	0.25	0.25	(1.0)
olv4*	1.0	1.0	1.0	(1.0)
cmv4*	0.0	0.0	0.0	(0.0)

standard and adapted CIELAB

LAB*LAB	47.79	60.85	41.08
LAB*LAB	47.79	60.85	41.08
LAB*LAB	47.79	60.85	41.08

relative Inform. Technology (IT)

olv3*	0.75	0.75	0.75	(1.0)
cmv3*	0.75	0.75	0.75	(1.0)
olv4*	1.0	1.0	1.0	(1.0)
cmv4*	0.0	0.0	0.0	(0.0)

standard and adapted CIELAB

LAB*LAB	47.79	60.85	41.08
LAB*LAB	47.79	60.85	41.08
LAB*LAB	47.79	60.85	41.08

relative Inform. Technology (IT)

olv3*	0.5	0.5	0.5	(0.0)
cmv3*	0.5	0.5	0.5	(0.0)
olv4*	1.0	1.0	1.0	(1.0)
cmv4*	0.0	0.0	0.0	(0.0)

standard and adapted CIELAB

LAB*LAB	56.25	71.39	9.61
LAB*LAB	56.25	70.58	7.56
LAB*LAB	56.25	70.58	7.56

relative Inform. Technology (IT)

olv3*	0.25	0.25	0.25	(1.0)
cmv3*	0.25	0.25	0.25	(1.0)
olv4*	1.0	1.0	1.0	(1.0)
cmv4*	0.0	0.0	0.0	(0.0)

standard and adapted CIELAB

LAB*LAB	47.79	60.85	41.08
LAB*LAB	47.79	60.85	41.08
LAB*LAB	47.79	60.85	41.08

relative Inform. Technology (IT)

olv3*	0.75	0.75	0.75	(1.0)
cmv3*	0.75	0.75	0.75	(1.0)
olv4*	1.0	1.0	1.0	(1.0)
cmv4*	0.0	0.0	0.0	(0.0)

standard and adapted CIELAB

LAB*LAB	47.79	60.85	41.08
LAB*LAB	47.79	60.85	41.08
LAB*LAB	47.79	60.85	41.08

relative Inform. Technology (IT)

olv3*	0.25	0.25	0.25	(1.0)
cmv3*	0.25	0.25	0.25	(1.0)
olv4*	1.0	1.0	1.0	(1.0)
cmv4*	0.0	0.0	0.0	(0.0)

standard and adapted CIELAB

LAB*LAB	47.79	60.85	41.08
LAB*LAB	47.79	60.85	41.08
LAB*LAB	47.79	60.85	41.08

relative Inform. Technology (IT)

olv3*	0.75	0.75	0.75	(1.0)
cmv3*	0.75	0.75	0.75	(1.0)
olv4*	1.0	1.0	1.0	(1.0)
cmv4*	0.0	0.0	0.0	(0.0)

standard and adapted CIELAB

LAB*LAB	47.79	60.85	41.08
LAB*LAB	47.79	60.85	41.08
LAB*LAB	47.79	60.85	41.08

relative Inform. Technology (IT)

olv3*	0.5	0.5	0.5	(0.0)
cmv3*	0.5	0.5	0.5	(0.0)
olv4*	1.0	1.0	1.0	(1.0)
cmv4*	0.0	0.0	0.0	(0.0)

standard and adapted CIELAB

LAB*LAB	47.79	60.85	41.08
LAB*LAB	47.79	60.85	41.08
LAB*LAB	47.79	60.85	41.08

relative Inform. Technology (IT)

olv3*	0.25	0.25	0.25	(1.0)
cmv3*	0.25	0.25	0.25	(1.0)
olv4*	1.0	1.0	1.0	(1.0)
cmv4*	0.0	0.0	0.0	(0.0)

standard and adapted CIELAB

LAB*LAB	47.79	60.85	41.08
LAB*LAB	47.79	60.85	41.08
LAB*LAB	47.79	60.85	41.08

relative Inform. Technology (IT)

olv3*	0.75	0.75	0.75	(1.0)
cmv3*	0.75	0.75	0.75	(1.0)
olv4*	1.0	1.0	1.0	(1.0)
cmv4*	0.0	0.0	0.0	(0.0)

standard and adapted CIELAB

LAB*LAB	47.79	60.85	41.08
LAB*LAB	47.79	60.85	41.08
LAB*LAB	47.79	60.85	41.08

relative Inform. Technology (IT)

olv3*	0.25	0.25	0.25	(1.0)
cmv3*	0.25	0.25	0.25	(1.0)
olv4*	1.0	1.0	1.0	(1.0)
cmv4*	0.0	0.0	0.0	(0.0)

standard and adapted CIELAB

LAB*LAB	47.79	60.85	41.08
LAB*LAB	47.79	60.85	41.08
LAB*LAB	47.79	60.85	41.08

relative Inform. Technology (IT)

olv3*	0.75	0.75	0.75	(1.0)
cmv3*	0.75	0.75	0.75	(1.0)
olv4*	1.0	1.0	1.0	(1.0)
cmv4*	0.0	0.0	0.0	(0.0)

standard and adapted CIELAB

LAB*LAB	47.79	60.85	41.08
LAB*LAB	47.79	60.85	41.08
LAB*LAB	47.79	60.85	41.08

relative Inform. Technology (IT)

olv3*	0.25	0.25	0.25	(1.0)
cmv3*	0.25	0.25	0.25	(1.0)
olv4*	1.0	1.0	1.0	(1.0)
cmv4*	0.0	0.0	0.0	(0.0)

standard and adapted CIELAB

LAB*LAB	47.79	60.85	41.08
LAB*LAB	47.79	60.85	41.08
LAB*LAB	47.79	60.85	41.08

relative Inform. Technology (IT)

olv3*	0.75	0.75	0.75	(1.0)
cmv3*	0.75	0.75	0.75	(1.0)
olv4*	1.0	1.0	1.0	(1.0)
cmv4*	0.0	0.0	0.0	(0.0)

standard and adapted CIELAB

LAB*LAB	47.79	60.85	41.08
LAB*LAB	47.79	60.85	41.08
LAB*LAB	47.79	60.85	41.08

relative Inform. Technology (IT)

olv3*	0.25	0.25	0.25	(1.0)
cmv3*	0.25	0.25	0.25	(1.0)
olv4*	1.0	1.0	1.0	(1.0)
cmv4*	0.0	0.0	0.0	(0.0)

standard and adapted CIELAB

LAB*LAB	47.79	60.85	41.08
LAB*LAB	47.79	60.85	41.08
LAB*LAB	47.79	60.85	41.08

relative Inform. Technology (IT)

olv3*	0.75	0.75	0.75	(1.0)
cmv3*	0.75	0.75	0.75	(1.0)
olv4*	1.0	1.0	1.0	(1.0)
cmv4*	0.0	0.0	0.0	(0.0)

standard and adapted CIELAB

LAB*LAB	47.79	60.85	41.08
LAB*LAB	47.79	60.85	41.08
LAB*LAB	47.79	60.85	41.08

relative Inform. Technology (IT)

olv3*	0.25	0.25	0.25	(1.0)
cmv3*	0.25	0.25	0.25	(1.0)
olv4*	1.0	1.0	1.0	(1.0)
cmv4*	0.0	0.0	0.0	(0.0)

standard and adapted CIELAB

LAB*LAB	47.79	60.85	41.08
LAB*LAB	47.79	60.85	41.08
LAB*LAB	47.79	60.85	41.08

relative Inform. Technology (IT)

olv3*	0.75	0.75	0.75	(1.0)
cmv3*	0.75	0.75	0.75	(1.0)
olv4*	1.0	1.0	1.0	(1.0)
cmv4*	0.0	0.0	0.0	(0.0)

standard and adapted CIELAB

LAB*LAB	47.79	60.85	41.08
LAB*LAB	47.79	60.85	41.08
LAB*LAB	47.79	60.85	41.08

relative Inform. Technology (IT)

olv3*	0.25	0.25	0.25	(1.0)
cmv3*	0.25	0.25	0.25	(1.0)
olv4*	1.0	1.0	1.0	(1.0)
cmv4*	0.0	0.0	0.0	(0.0)

standard and adapted CIELAB

LAB*LAB	47.79	60.85	41.08
LAB*LAB	47.79	60.85	41.08
LAB*LAB	47.79	60.85	41.08

relative Inform. Technology (IT)

olv3*	0.75	0.75	0.75	(1.0)
cmv3*	0.75	0.75	0.75	(1.0)
olv4*	1.0	1.0	1.0	(1.0)
cmv4*	0.0	0.0	0.0	(0.0)

standard and adapted CIELAB

LAB*LAB	47.79	60.85	41.08
LAB*LAB	47.79	60.85	41.08
LAB*LAB	47.79	60.85	41.08

relative Inform. Technology (IT)

olv3*	0.25	0.25	0.25	(1.0)
cmv3*	0.25	0.25	0.25	(1.0)
olv4*	1.0	1.0	1.0	(1.0)
cmv4*	0.0	0.0	0.0	(0.0)

standard and adapted CIELAB

LAB*LAB	47.79	60.85	41.08
LAB*LAB	47.79	60.85	41.08
LAB*LAB	47.79	60.85	41.08

relative Inform. Technology (IT)

olv3*	0.75	0.75	0.75	(1.0)
cmv3*	0.75	0.75	0.75	(1.0)
olv4*	1.0	1.0	1.0	(1.0)
cmv4*	0.0	0.0	0.0	(0.0)

standard and adapted CIELAB

LAB*LAB	47.79	60.
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Input: Colorimetric Offset Reflective System ORS18

for hue $h^* = lab \cdot h = 34/360 = 0.095$

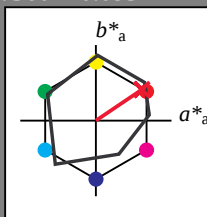
$lab \cdot tch$ and $lab \cdot nch$

A: hue R

LCH*Ma: 49 79 34

olv*Ma: 1.0 0.0 0.15

triangle lightness t^*



$u^*_{rel} = 96$

relative Inform. Technology (IT)

olv3*	1.0	1.0	1.0	(1.0)
olv3*	0.0	0.0	0.0	(0.0)
olv4*	1.0	1.0	1.0	(1.0)
olv4*	0.0	0.0	0.0	(0.0)
cmyn3*	0.0	0.0	0.0	(0.0)
cmyn3*	0.0	0.0	0.0	(0.0)
LAB*LAB	95.6	0.43	4.65	
LAB*LAB	95.6	0.0	0.0	
LAB*TChA	99.99	0.01	-	

relative Inform. Technology (IT)

olv3*	1.0	0.75	0.788	(1.0)
olv3*	0.0	0.25	0.212	(0.0)
olv4*	1.0	0.75	0.788	(1.0)
olv4*	0.0	0.25	0.212	(0.0)
cmyn3*	0.0	0.25	0.212	(0.0)
cmyn3*	0.0	0.25	0.212	(0.0)
LAB*LAB	83.99	16.87	14.91	
LAB*LAB	83.99	16.87	14.91	
LAB*TChA	97.5	19.7	34.02	

relative Inform. Technology (IT)

olv3*	1.0	0.75	0.788	(1.0)
olv3*	0.0	0.25	0.212	(0.0)
olv4*	1.0	0.75	0.788	(1.0)
olv4*	0.0	0.25	0.212	(0.0)
cmyn3*	0.0	0.25	0.212	(0.0)
cmyn3*	0.0	0.25	0.212	(0.0)
LAB*LAB	83.99	16.87	14.91	
LAB*LAB	83.99	16.87	14.91	
LAB*TChA	97.5	19.7	34.02	

relative Inform. Technology (IT)

olv3*	1.0	0.75	0.788	(1.0)
olv3*	0.0	0.25	0.212	(0.0)
olv4*	1.0	0.75	0.788	(1.0)
olv4*	0.0	0.25	0.212	(0.0)
cmyn3*	0.0	0.25	0.212	(0.0)
cmyn3*	0.0	0.25	0.212	(0.0)
LAB*LAB	83.99	16.87	14.91	
LAB*LAB	83.99	16.87	14.91	
LAB*TChA	97.5	19.7	34.02	

relative Inform. Technology (IT)

olv3*	1.0	0.75	0.788	(1.0)
olv3*	0.0	0.25	0.212	(0.0)
olv4*	1.0	0.75	0.788	(1.0)
olv4*	0.0	0.25	0.212	(0.0)
cmyn3*	0.0	0.25	0.212	(0.0)
cmyn3*	0.0	0.25	0.212	(0.0)
LAB*LAB	83.99	16.87	14.91	
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relative Inform. Technology (IT)

olv3*	1.0	0.75	0.788	(1.0)
olv3*	0.0	0.25	0.212	(0.0)
olv4*	1.0	0.75	0.788	(1.0)
olv4*	0.0	0.25	0.212	(0.0)
cmyn3*	0.0	0.25	0.212	(0.0)
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LAB*LAB	83.99	16.87	14.91	
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LAB*TChA	97.5	19.7	34.02	

relative Inform. Technology (IT)

olv3*	1.0	0.75	0.788	(1.0)
olv3*	0.0	0.25	0.212	(0.0)
olv4*	1.0	0.75	0.788	(1.0)
olv4*	0.0	0.25	0.212	(0.0)
cmyn3*	0.0	0.25	0.212	(0.0)
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LAB*LAB	83.99	16.87	14.91	
LAB*LAB	83.99	16.87	14.91	
LAB*TChA	97.5	19.7	34.02	

relative Inform. Technology (IT)

olv3*	1.0	0.75	0.788	(1.0)
olv3*	0.0	0.25	0.212	(0.0)
olv4*	1.0	0.75	0.788	(1.0)
olv4*	0.0	0.25	0.212	(0.0)
cmyn3*	0.0	0.25	0.212	(0.0)
cmyn3*	0.0	0.25	0.212	(0.0)
LAB*LAB	83.99	16.87	14.91	
LAB*LAB	83.99	16.87	14.91	
LAB*TChA	97.5	19.7	34.02	

relative Inform. Technology (IT)

olv3*	1.0	0.75	0.788	(1.0)
olv3*	0.0	0.25	0.212	(0.0)
olv4*	1.0	0.75	0.788	(1.0)
olv4*	0.0	0.25	0.212	(0.0)
cmyn3*	0.0	0.25	0.212	(0.0)
cmyn3*	0.0	0.25	0.212	(0.0)
LAB*LAB	83.99	16.87	14.91	
LAB*LAB	83.99	16.87	14.91	
LAB*TChA	97.5	19.7	34.02	

relative Inform. Technology (IT)

olv3*	1.0	0.75	0.788	(1.0)
olv3*	0.0	0.25	0.212	(0.0)
olv4*	1.0	0.75	0.788	(1.0)
olv4*	0.0	0.25	0.212	(0.0)
cmyn3*	0.0	0.25	0.212	(0.0)
cmyn3*	0.0	0.25	0.212	(0.0)
LAB*LAB	83.99	16.87	14.91	
LAB*LAB	83.99	16.87	14.91	
LAB*TChA	97.5	19.7	34.02	

ORS18; adapted (a) CIELAB data

	$L^* = L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	47.94	64.42	50.58	81.9	38
Y _{Ma}	92.62	2.41	86.36	86.39	88
L _{Ma}	50.9	-63.82	35.02	72.81	151
C _{Ma}	51.25	-53.68	-57.69	78.82	227
V _{Ma}	25.72	30.34	-44.37	53.76	304
M _{Ma}	56.25	70.59	7.57	70.99	6
N _{Ma}	18.11	0.0	0.0	0.0	0
W _{Ma}	95.6	0.0	0.0	0.0	0
RC _{IE}	47.79	60.85	41.08	73.41	34
J _{CIE}	83.82	6.52	66.9	67.22	84
G _{CIE}	49.0	-36.83	2.78	36.95	176
B _{CIE}	25.14	-18.35	-56.22	59.15	252

%Regularity

$g^*_{H,rel} = -385$

$g^*_{C,rel} = 62$

relative Inform. Technology (IT)

olv3*	1.0	0.5	0.575	(1.0)
olv3*	0.0	0.5	0.575	(0.0)
olv4*	1.0	0.5	0.575	(1.0)
olv4*	0.0	0.5	0.575	(0.0)
cmyn3*	0.0	0.5	0.575	(0.0)
cmyn3*	0.0	0.5	0.575	(0.0)
LAB*LAB	72.39	33.32	25.17	
LAB*LAB	72.39	33.32	25.17	
LAB*TChA	75.0	39.41	34.02	

relative Inform. Technology (IT)

olv3*	1.0	0.5	0.575	(1.0)
olv3*	0.0	0.5	0.575	(0.0)
olv4*	1.0	0.5	0.575	(1.0)
olv4*	0.0	0.5	0.575	(0.0)
cmyn3*	0.0	0.5	0.575	(0.0)
cmyn3*	0.0	0.5	0.575	(0.0)
LAB*LAB	72.39	33.32	25.17	
LAB*LAB	72.39	33.32	25.17	
LAB*TChA	75.0	39.41	34.02	

relative Inform. Technology (IT)

olv3*	1.0	0.5	0.575	(1.0)
olv3*	0.0	0.5	0.575	(0.0)
olv4*	1.0	0.5	0.575	(1.0)
olv4*	0.0	0.5	0.575	(0.0)
cmyn3*	0.0	0.5	0.575	(0.0)
cmyn3*	0.0	0.5	0.575	(0.0)
LAB*LAB	72.39	33.32	25.17	
LAB*LAB	72.39	33.32	25.17	
LAB*TChA	75.0	39.41	34.02	

relative Inform. Technology (IT)

olv3*	1.0	0.5	0.575	(1.0)
olv3*	0.0	0.5	0.575	(0.0)
olv4*	1.0	0.5	0.575	(1.0)
olv4*	0.0	0.5	0.575	(0.0)
cmyn3*	0.0	0.5	0.575	(0.0)
cmyn3*	0.0	0.5	0.575	(0.0)
LAB*LAB	72.39	33.32	25.17	
LAB*LAB	72.39	33.32	25.17	
LAB*TChA	75.0	39.41	34.02	

relative Inform. Technology (IT)

olv3*	1.0	0.5	0.575	(1.0)
olv3*	0.0	0.5	0.575	(0.0)
olv4*	1.0	0.5	0.575	(1.0)
olv4*	0.0	0.5	0.575	(0.0)
cmyn3*	0.0	0.5	0.575	(0.0)
cmyn3*	0.0	0.5	0.575	(0.0)
LAB*LAB	72.39	33.32	25.17	
LAB*LAB	72.39	33.32	25.17	
LAB*TChA	75.0	39.41	34.02	

relative Inform. Technology (IT)

olv3*	1.0	0.5	0.575	(1.0)
olv3*	0.0	0.5	0.575	(0.0)
olv4*	1.0	0.5	0.575	(1.0)
olv4*	0.0	0.5	0.575	(0.0)
cmyn3*	0.0	0.5	0.575	(0.0)
cmyn3*	0.0	0.5	0.575	(0.0)
LAB*LAB	72.39	33.32	25.17	
LAB*LAB	72.39	33.32	25.17	
LAB*TChA	75.0	39.41	34.02	

relative Inform. Technology (IT)

olv3*	1.0	0.5	0.575	(1.0)
olv3*	0.0	0.5	0.575	(0.0)
olv4*	1.0	0.5	0.575	(1.0)
olv4*	0.0	0.5	0.575	(0.0)
cmyn3*	0.0	0.5	0.575	(0.0)
cmyn3*	0.0	0.5	0.575	(0.0)
LAB*LAB	72.39	33.32	25.17	
LAB*LAB	72.39	33.32	25.17	
LAB*TChA	75.0	39.41	34.02	

relative Inform. Technology (IT)

olv3*	1.0	0.5	0.575	(1.0)
olv3*	0.0	0.5	0.575	(0.0)
olv4*	1.0	0.5	0.575	(1.0)
olv4*	0.0	0.5	0.575	(0.0)
cmyn3*	0.0	0.5	0.575	(0.0)
cmyn3*	0.0	0.5	0.575	(0.0)
LAB*LAB	72.39	33.32	25.17	
LAB*LAB	72.39	33.32	25.17	
LAB*TChA	75.0	39.41	34.02	

relative Inform. Technology (IT)

olv3*	1.0	0.25	0.363	(1.0)
olv3*	0.0	0.25	0.363	(0.0)
olv4*	1.0	0.25	0.363	(1.0)
olv4*	0.0	0.25	0.363	(0.0)
cmyn3*	0.0	0.25	0.363	(0.0)
cmyn3*	0.0	0.25	0.363	(0.0)
LAB*LAB	60.79	49.77	35.43	
LAB*LAB	60.79	49.77	35.43	
LAB*TChA	62.5	59.12	34.02	

relative Inform. Technology (IT)

olv3*	1.0	0.25	0.363	(1.0)
olv3*	0.0	0.25	0.363	(0.0)
olv4*	1.0	0.25	0.363	(1.0)
olv4*	0.0	0.25	0.363	(0.0)
cmyn3*	0.0	0.25	0.363	(0.0)
cmyn3*	0.0	0.25	0.363	(0.0)
LAB*LAB	60.79	49.77	35.43	
LAB*LAB	60.79	49.77	35.43	
LAB*TChA	62.5	59.12	34.02	

relative Inform. Technology (IT)

olv3*	1.0	0.25	0.363	(1.0)
olv3*	0.0	0.25	0.363	(0.0)
olv4*	1.0	0.25	0.363	(1.0)
olv4*	0.0	0.25	0.363	(0.0)
cmyn3*	0.0	0.25	0.363	(0.0)
cmyn3*	0.0	0.25	0.363	(0.0)
LAB*LAB	60.79	49.77	35.43	
LAB*LAB	60.79	49.77	35.43	
LAB*TChA	62.5	59.12	34.02	

relative Inform. Technology (IT)

olv3*	1.0	0.25	0.363	(1.0)
olv3*	0.0	0.25	0.363	(0.0)
olv4*	1.0	0.25	0.363	(1.0)
olv4*	0.0	0.25	0.363	(0.0)
cmyn3*	0.0	0.25	0.363	(0.0)
cmyn3*	0.0	0.25	0.363	(0.0)
LAB*LAB	60.79	49.77	35.43	
LAB*LAB	60.79	49.77	35.43	
LAB*TChA	62.5	59.12	34.02	

relative Inform. Technology (IT)

olv3*	1.0	0.25	0.363	(1.0)
olv3*	0.0	0.25	0.363	(0.0)
olv4*	1.0	0.25	0.363	(1.0)
olv4*	0.0	0.25	0.363	(0.0)
cmyn3*	0.0	0.25	0.363	(0.0)
cmyn3*	0.0	0.25	0.363	(0.0)
LAB*LAB	60.79	49.77	35.43	
LAB*LAB	60.79	49.77	35.43	
LAB*TChA	62.5	59.12	34.02	

relative Inform. Technology (IT)

olv3*	1.0	0.25	0.363	(1.0)
olv3*	0.0	0.25	0.363	(0.0)
olv4*	1.0	0.25	0.363	(1.0)
olv4*	0.0	0.25	<	

Input: Colorimetric Offset Reflective System ORS18

for hue $h^* = lab^*h = 176/360 = 0.488$

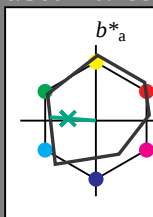
lab^*tch and lab^*nch

A: hue G

LCH*Ma: 51 61 176

olv*Ma: 0.0 1.0 0.33

triangle lightness t^*



ORS18; adapted (a) CIELAB data

	$L^*=L_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	47.94	64.42	50.58	81.9	38
Y _{Ma}	92.62	2.41	86.36	86.39	88
L _{Ma}	50.9	-63.82	35.02	72.81	151
C _{Ma}	51.25	-53.68	-57.69	78.82	227
V _{Ma}	25.72	30.34	-44.37	53.76	304
M _{Ma}	56.25	70.59	7.57	70.99	6
N _{Ma}	18.11	0.0	0.0	0.0	0
W _{Ma}	95.6	0.0	0.0	0.0	0
R _{CIE}	47.79	60.85	41.08	73.41	34
J _{CIE}	83.82	6.52	66.9	67.22	84
G _{CIE}	49.0	-36.83	2.78	36.95	176
B _{CIE}	25.14	-18.35	-56.22	59.15	252

%Regularity

$g^*_{H,rel} = -385$

$g^*_{C,rel} = 62$

relative Inform. Technology (IT)
olv3* 1.0 1.0 1.0 (1.0)
cmyn3* 0.0 0.0 0.0 (0.0)
olv4* 1.0 1.0 1.0 (1.0)
cmyn4* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 95.6 0.43 4.65
LAB*LABa 95.6 0.0 0.0
LAB*LABb 99.99 0.01

relative CIELAB lab*
lab*lab 1.0 0.0 0.0
lab*ch 1.0 0.0 0.0
lab*nch 0.0 0.0 0.0
relative Natural Colour (NC)
lab*trj 1.0 0.0 0.0
lab*trc 1.0 0.0 0.0
lab*ncc 0.0 0.0 0.0

relative Inform. Technology (IT)
olv3* 0.75 0.75 0.75 (1.0)
cmyn3* 0.25 0.25 0.25 (0.0)
olv4* 1.0 1.0 1.0 (1.0)
cmyn4* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 76.23 0.62 3.36
LAB*LABa 76.23 0.0 0.0
LAB*LABb 75.0 0.01

relative CIELAB lab*
lab*lab 0.75 0.0 0.0
lab*ch 0.75 0.0 0.0
lab*nch 0.0 0.0 0.0
relative Natural Colour (NC)
lab*trj 0.75 0.0 0.0
lab*trc 0.75 0.0 0.0
lab*ncc 0.0 0.0 0.0

relative Inform. Technology (IT)
olv3* 0.5 0.5 0.5 (1.0)
cmyn3* 0.5 0.5 0.5 (0.0)
olv4* 1.0 1.0 1.0 (1.0)
cmyn4* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 56.86 0.2 2.08
LAB*LABa 56.86 0.0 0.0
LAB*LABb 50.0 0.01

relative CIELAB lab*
lab*lab 0.5 0.0 0.0
lab*ch 0.5 0.0 0.0
lab*nch 0.0 0.0 0.0
relative Natural Colour (NC)
lab*trj 0.5 0.0 0.0
lab*trc 0.5 0.0 0.0
lab*ncc 0.0 0.0 0.0

relative Inform. Technology (IT)
olv3* 0.25 0.25 0.25 (1.0)
cmyn3* 0.75 0.75 0.75 (0.0)
olv4* 1.0 1.0 1.0 (1.0)
cmyn4* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 37.48 0.37 0.79
LAB*LABa 37.49 0.0 0.0
LAB*LABb 25.0 0.01

relative CIELAB lab*
lab*lab 0.25 0.0 0.0
lab*ch 0.25 0.0 0.0
lab*nch 0.0 0.0 0.0
relative Natural Colour (NC)
lab*trj 0.25 0.0 0.0
lab*trc 0.25 0.0 0.0
lab*ncc 0.0 0.0 0.0

relative Inform. Technology (IT)
olv3* 0.0 0.0 0.0 (1.0)
cmyn3* 1.0 1.0 1.0 (0.0)
olv4* 1.0 1.0 1.0 (1.0)
cmyn4* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 18.12 0.18 0.49
LAB*LABa 18.12 0.0 0.0
LAB*LABb 0.01 0.01

relative CIELAB lab*
lab*lab 0.0 0.0 0.0
lab*ch 0.0 0.0 0.0
lab*nch 1.0 0.0 0.0
relative Natural Colour (NC)
lab*trj 0.0 0.0 0.0
lab*trc 0.0 0.0 0.0
lab*ncc 1.0 0.0 0.0

relative Inform. Technology (IT)
olv3* 0.0 0.0 0.0 (1.0)
cmyn3* 1.0 1.0 1.0 (0.0)
olv4* 1.0 1.0 1.0 (1.0)
cmyn4* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 18.12 0.18 0.49
LAB*LABa 18.12 0.0 0.0
LAB*LABb 0.01 0.01

relative CIELAB lab*
lab*lab 0.0 0.0 0.0
lab*ch 0.0 0.0 0.0
lab*nch 1.0 0.0 0.0
relative Natural Colour (NC)
lab*trj 0.0 0.0 0.0
lab*trc 0.0 0.0 0.0
lab*ncc 1.0 0.0 0.0

relative Inform. Technology (IT)
olv3* 0.75 1.0 0.832 (1.0)
cmyn3* 0.25 0.0 0.168 (0.0)
olv4* 0.75 1.0 0.832 (1.0)
cmyn4* 0.25 0.0 0.168 (0.0)
standard and adapted CIELAB
LAB*LAB 84.45 -14.57 5.06
LAB*LABa 84.45 -15.11 1.14
LAB*LABb 87.5 15.16 17.57

relative CIELAB lab*
lab*lab 0.856 -0.248 0.019
lab*ch 0.875 0.25 0.488
lab*nch 0.0 0.25 0.488
relative Natural Colour (NC)
lab*trj 0.856 -0.249 0.0
lab*trc 0.875 0.25 0.488
lab*ncc 0.0 0.25 0.488

relative Inform. Technology (IT)
olv3* 0.5 1.0 0.664 (1.0)
cmyn3* 0.5 0.0 0.336 (0.0)
olv4* 0.5 1.0 0.664 (1.0)
cmyn4* 0.5 0.0 0.336 (0.0)
standard and adapted CIELAB
LAB*LAB 73.3 -29.59 5.45
LAB*LABa 73.3 -30.23 2.28
LAB*LABb 75.0 30.33 175.69

relative CIELAB lab*
lab*lab 0.712 -0.497 0.038
lab*ch 0.75 0.5 0.488
lab*nch 0.0 0.5 0.488
relative Natural Colour (NC)
lab*trj 0.712 -0.499 0.0
lab*trc 0.75 0.5 0.3
lab*ncc 0.0 0.5 0.488

relative Inform. Technology (IT)
olv3* 0.25 0.75 0.418 (1.0)
cmyn3* 0.75 0.25 0.582 (0.0)
olv4* 0.5 1.0 0.664 (1.0)
cmyn4* 0.5 0.0 0.336 (0.0)
standard and adapted CIELAB
LAB*LAB 53.93 -29.41 4.17
LAB*LABa 53.93 -30.24 2.28
LAB*LABb 50.0 30.34 175.69

relative CIELAB lab*
lab*lab 0.462 -0.498 0.038
lab*ch 0.5 0.5 0.488
lab*nch 0.0 0.5 0.488
relative Natural Colour (NC)
lab*trj 0.462 -0.499 0.0
lab*trc 0.5 0.5 0.3
lab*ncc 0.0 0.5 0.488

relative Inform. Technology (IT)
olv3* 0.0 0.75 0.248 (1.0)
cmyn3* 0.75 0.25 0.582 (0.0)
olv4* 0.5 1.0 0.664 (1.0)
cmyn4* 0.5 0.0 0.336 (0.0)
standard and adapted CIELAB
LAB*LAB 33.93 -29.41 4.17
LAB*LABa 33.93 -30.24 2.28
LAB*LABb 50.0 30.34 175.69

relative CIELAB lab*
lab*lab 0.356 -0.747 0.056
lab*ch 0.375 0.75 0.488
lab*nch 0.0 0.75 0.488
relative Natural Colour (NC)
lab*trj 0.356 -0.749 0.0
lab*trc 0.375 0.75 0.5
lab*ncc 0.0 0.75 0.488

relative Inform. Technology (IT)
olv3* 0.0 0.5 0.168 (1.0)
cmyn3* 1.0 0.5 0.832 (0.0)
olv4* 0.5 1.0 0.664 (1.0)
cmyn4* 0.5 0.0 0.336 (0.0)
standard and adapted CIELAB
LAB*LAB 24.77 -29.21 2.69
LAB*LABa 24.77 -30.23 2.29
LAB*LABb 25.01 30.33 175.68

relative CIELAB lab*
lab*lab 0.212 -0.497 0.038
lab*ch 0.25 0.5 0.488
lab*nch 0.0 0.5 0.488
relative Natural Colour (NC)
lab*trj 0.212 -0.499 0.0
lab*trc 0.25 0.5 0.3
lab*ncc 0.0 0.5 0.488

relative Inform. Technology (IT)
olv3* 0.0 0.25 0.084 (1.0)
cmyn3* 1.0 0.25 0.916 (0.0)
olv4* 0.5 1.0 0.664 (1.0)
cmyn4* 0.5 0.0 0.336 (0.0)
standard and adapted CIELAB
LAB*LAB 14.71 -15.12 1.14
LAB*LABa 14.71 -15.12 1.14
LAB*LABb 12.5 15.16 175.67

relative CIELAB lab*
lab*lab 0.106 -0.248 0.019
lab*ch 0.125 0.25 0.488
lab*nch 0.0 0.25 0.488
relative Natural Colour (NC)
lab*trj 0.106 -0.249 0.0
lab*trc 0.125 0.25 0.488
lab*ncc 0.0 0.25 0.488

relative Inform. Technology (IT)
olv3* 0.5 1.0 0.664 (1.0)
cmyn3* 0.5 0.0 0.336 (0.0)
olv4* 0.5 1.0 0.664 (1.0)
cmyn4* 0.5 0.0 0.336 (0.0)
standard and adapted CIELAB
LAB*LAB 73.3 -29.59 5.45
LAB*LABa 73.3 -30.23 2.28
LAB*LABb 75.0 30.33 175.69

relative CIELAB lab*
lab*lab 0.712 -0.497 0.038
lab*ch 0.75 0.5 0.488
lab*nch 0.0 0.5 0.488
relative Natural Colour (NC)
lab*trj 0.712 -0.499 0.0
lab*trc 0.75 0.5 0.3
lab*ncc 0.0 0.5 0.488

relative Inform. Technology (IT)
olv3* 0.25 0.75 0.418 (1.0)
cmyn3* 0.75 0.25 0.582 (0.0)
olv4* 0.5 1.0 0.664 (1.0)
cmyn4* 0.5 0.0 0.336 (0.0)
standard and adapted CIELAB
LAB*LAB 53.93 -29.41 4.17
LAB*LABa 53.93 -30.24 2.28
LAB*LABb 50.0 30.34 175.69

relative CIELAB lab*
lab*lab 0.462 -0.498 0.038
lab*ch 0.5 0.5 0.488
lab*nch 0.0 0.5 0.488
relative Natural Colour (NC)
lab*trj 0.462 -0.499 0.0
lab*trc 0.5 0.5 0.3
lab*ncc 0.0 0.5 0.488

relative Inform. Technology (IT)
olv3* 0.0 0.5 0.168 (1.0)
cmyn3* 1.0 0.5 0.832 (0.0)
olv4* 0.5 1.0 0.664 (1.0)
cmyn4* 0.5 0.0 0.336 (0.0)
standard and adapted CIELAB
LAB*LAB 24.77 -29.21 2.69
LAB*LABa 24.77 -30.23 2.29
LAB*LABb 25.01 30.33 175.68

relative CIELAB lab*
lab*lab 0.212 -0.497 0.038
lab*ch 0.25 0.5 0.488
lab*nch 0.0 0.5 0.488
relative Natural Colour (NC)
lab*trj 0.212 -0.499 0.0
lab*trc 0.25 0.5 0.3
lab*ncc 0.0 0.5 0.488

relative Inform. Technology (IT)
olv3* 0.0 0.25 0.084 (1.0)
cmyn3* 1.0 0.25 0.916 (0.0)
olv4* 0.5 1.0 0.664 (1.0)
cmyn4* 0.5 0.0 0.336 (0.0)
standard and adapted CIELAB
LAB*LAB 14.71 -15.12 1.14
LAB*LABa 14.71 -15.12 1.14
LAB*LABb 12.5 15.16 175.67

relative CIELAB lab*
lab*lab 0.106 -0.248 0.019
lab*ch 0.125 0.25 0.488
lab*nch 0.0 0.25 0.488
relative Natural Colour (NC)
lab*trj 0.106 -0.249 0.0
lab*trc 0.125 0.25 0.488
lab*ncc 0.0 0.25 0.488

relative Inform. Technology (IT)
olv3* 0.5 1.0 0.664 (1.0)
cmyn3* 0.5 0.0 0.336 (0.0)
olv4* 0.5 1.0 0.664 (1.0)
cmyn4* 0.5 0.0 0.336 (0.0)
standard and adapted CIELAB
LAB*LAB 73.3 -29.59 5.45
LAB*LABa 73.3 -30.23 2.28
LAB*LABb 75.0 30.33 175.69

relative CIELAB lab*
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lab*ch 0.75 0.5 0.488
lab*nch 0.0 0.5 0.488
relative Natural Colour (NC)
lab*trj 0.712 -0.499 0.0
lab*trc 0.75 0.5 0.3
lab*ncc 0.0 0.5 0.488

relative Inform. Technology (IT)
olv3* 0.25 0.75 0.418 (1.0)
cmyn3* 0.75 0.25 0.582 (0.0)
olv4* 0.5 1.0 0.664 (1.0)
cmyn4* 0.5 0.0 0.336 (0.0)
standard and adapted CIELAB
LAB*LAB 53.93 -29.41 4.17
LAB*LABa 53.93 -30.24 2.28
LAB*LABb 50.0 30.34 175.69

relative CIELAB lab*
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lab*ch 0.5 0.5 0.488
lab*nch 0.0 0.5 0.488
relative Natural Colour (NC)
lab*trj 0.462 -0.499 0.0
lab*trc 0.5 0.5 0.3
lab*ncc 0.0 0.5 0.488

relative Inform. Technology (IT)
olv3* 0.25 0.75 0.418 (1.0)
cmyn3* 0.75 0.25 0.582 (0.0)
olv4* 0.5 1.0 0.664 (1.0)
cmyn4* 0.5 0.0 0.336 (0.0)
standard and adapted CIELAB
LAB*LAB 53.93 -29.41 4.17
LAB*LABa 53.93 -30.24 2.28
LAB*LABb 50.0 30.34 175.69

relative CIELAB lab*
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lab*ch 0.5 0.5 0.488
lab*nch 0.0 0.5 0.488
relative Natural Colour (NC)
lab*trj 0.462 -0.499 0.0
lab*trc 0.5 0.5 0.3
lab*ncc 0.0 0.5 0.488

relative Inform. Technology (IT)
olv3* 0.0 0.5 0.168 (1.0)
cmyn3* 1.0 0.5 0.832 (0.0)
olv4* 0.5 1.0 0.664 (1.0)
cmyn4* 0.5 0.0 0.336 (0.0)
standard and adapted CIELAB
LAB*LAB 24.77 -29.21 2.69
LAB*LABa 24.77 -30.23 2.29
LAB*LABb 25.01 30.33 175.68

relative CIELAB lab*
lab*lab 0.212 -0.497 0.038
lab*ch 0.25 0.5 0.488
lab*nch 0.0 0.5 0.488
relative Natural Colour (NC)
lab*trj 0.212 -0.499 0.0
lab*trc 0.25 0.5 0.3
lab*ncc 0.0 0.5 0.488

relative Inform. Technology (IT)
olv3* 0.0 0.25 0.084 (1.0)
cmyn3* 1.0 0.25 0.916 (0.0)
olv4* 0.5 1.0 0.664 (1.0)
cmyn4* 0.5 0.0 0.336 (0.0)
standard and adapted CIELAB
LAB*LAB 14.71 -15.12 1.14
LAB*LABa 14.71 -15.12 1.14
LAB*LABb 12.5 15.16 175.67

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lab*lab 0.106 -0.248 0.019
lab*ch 0.125 0.25 0.488
lab*nch 0.0 0.25 0.488
relative Natural Colour (NC)
lab*trj 0.106 -0.249 0.0
lab*trc 0.125 0.25 0.488
lab*ncc 0.0 0.25 0.488

relative Inform. Technology (IT)
olv3* 0.5 1.0 0.664 (1.0)
cmyn3* 0.5 0.0 0.336 (0.0)
olv4* 0.5 1.0 0.664 (1.0)
cmyn4* 0.5 0.0 0.336 (0.0)
standard and adapted CIELAB
LAB*LAB 73.3 -29.59 5.45
LAB*LABa 73.3 -30.23 2.28
LAB*LABb 75.0 30.33 175.69

relative CIELAB lab*
lab*lab 0.712 -0.497 0.038
lab*ch 0.75 0.5 0.488
lab*nch 0.0 0.5 0.488
relative Natural Colour (NC)
lab*trj 0.712 -0.499 0.0
lab*trc 0.75 0.5 0.3
lab*ncc 0.0 0.5 0.488

relative Inform. Technology (IT)
olv3* 0.25 0.75 0.418 (1.0)
cmyn3* 0.75 0.25 0.582 (0.0)
olv4* 0.5 1.0 0.664 (1.0)
cmyn4* 0.5 0.0 0.336 (0.0)
standard and adapted CIELAB
LAB*LAB 53.93 -29.41 4.17
LAB*LABa 53.93 -30.24 2.28
LAB*LABb 50.0 30.34 175.69

relative CIELAB lab*
lab*lab 0.462 -0.498 0.038
lab*ch 0.5 0.5 0.488
lab*nch 0.0 0.5 0.488
relative Natural Colour (NC)
lab*trj 0.462 -0.499 0.0
lab*trc 0.5 0.5 0.3
lab*ncc 0.0 0.5 0.488

relative Inform. Technology (IT)
olv3* 0.0 0.5 0.168 (1.0)
cmyn3* 1.0 0.5 0.832 (0.0)
olv4* 0.5 1.0 0.664 (1.0)
cmyn4* 0.5 0.0 0.336 (0.0)
standard and adapted CIELAB
LAB*LAB 24.77 -29.21 2.69
LAB*LABa 24.77 -30.23 2.29
LAB*LABb 25.01 30.33 175.68

relative CIELAB lab*
lab*lab 0.212 -0.497 0.038
lab*ch 0.25 0.5 0.488
lab*nch 0.0 0.5 0.488
relative Natural Colour (NC)
lab*trj 0.212 -0.499 0.0
lab*trc 0.25 0.5 0.3
lab*ncc 0.0 0.5 0.488

relative Inform. Technology (IT)
olv3* 0.5 1.0 0.664 (1.0)
cmyn3* 0.5 0.0 0.336 (0.0)
olv4* 0.5 1.0 0.664 (1.0)
cmyn4* 0.5 0.0 0.336 (0.0)
standard and adapted CIELAB
LAB*LAB 73.3 -29.59 5.45
LAB*LABa 73.3 -30.23 2.28
LAB*LABb 75.0 30.33 175.69

relative CIELAB lab*
lab*lab 0.712 -0.497 0.038
lab*ch 0.75 0.5 0.488
lab*nch 0.0 0.5 0.488
relative Natural Colour (NC)
lab*trj 0.712 -0.499 0.0
lab*trc 0.75 0.5 0.3
lab*ncc 0.0 0.5 0.488

relative Inform. Technology (IT)
olv3* 0.25 0.75 0.418 (1.0)
cmyn3* 0.75 0.25 0.582 (0.0)
olv4* 0.5 1.0 0.664 (1.0)
cmyn4* 0.5 0.0 0.336 (0.0)
standard and adapted CIELAB
LAB*LAB 53.93 -29.41 4.17
LAB*LABa 53.93 -30.24 2.28
LAB*LABb 50.0 30.34 175.69

relative CIELAB lab*
lab*lab 0.462 -0.498 0.038
lab*ch 0.5 0.5 0.488
lab*nch 0.0 0.5 0.488
relative Natural Colour (NC)
lab*trj 0.462 -0.499 0.0
lab*trc 0.5 0.5 0.3
lab*ncc 0.0 0.5 0.488

relative Inform. Technology (IT)
olv3* 0.0 0.5 0.168 (1.0)
cmyn3* 1.0 0.5 0.832 (0.0)
olv4* 0.5 1.0 0.664 (1.0)
cmyn4* 0.5 0.0 0.336 (0.0)
standard and adapted CIELAB
LAB*LAB 24.77 -29.21 2.69
LAB*LABa 24.77 -30.23 2.29
LAB*LABb 25.01 30.33 175.68

relative CIELAB lab*
lab*lab 0.212 -0.497 0.038
lab*ch 0.25 0.5 0.488
lab*nch 0.0 0.5 0.488
relative Natural Colour (NC)
lab*trj 0.212 -0.499 0.0
lab*trc 0.25 0.5 0.3
lab*ncc 0.0 0.5 0.488

relative Inform. Technology (IT)
olv3* 0.0 0.25 0.084 (1.0)
cmyn3* 1.0 0.25 0.916 (0.0)
olv4* 0.5 1.0 0.664 (1.0)
cmyn4* 0.5 0.0 0.336 (0.0)
standard and adapted CIELAB
LAB*LAB 14.71 -15.12 1.14
LAB*LABa 14.71 -15.12 1.14
LAB*LABb 12.5 15.16 175.67

relative CIELAB lab*
lab*lab 0.106 -0.248 0.019
lab*ch 0.125 0.25 0.488
lab*nch 0.0 0.25 0.488
relative Natural Colour (NC)
lab*trj 0.106 -0.249 0.0
lab*trc 0.125 0.25 0.488
lab*ncc 0.0 0.25 0.488

relative Inform. Technology (IT)
olv3* 0.5 1.0 0.664 (1.0)
cmyn3* 0.5 0.0 0.336 (0.0)
olv4* 0.5 1

