

Input: Colorimetric Standard Reflective System SRS18

for hue $h^* = lab^*h = 30/360 = 0.083$

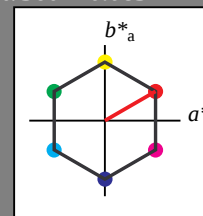
lab^*tch and lab^*nch

D65: hue O

LCH*Ma: 57 77 30

olv*Ma: 1.0 0.0 0.0

triangle lightness t^*



SRS18; adapted (a) CIELAB data

	$L^*=L_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	56.71	67.03	38.7	77.4	30
Y _{Ma}	56.71	0.0	77.4	77.4	90
L _{Ma}	56.71	-67.02	38.7	77.4	150
C _{Ma}	56.71	-67.02	-38.69	77.4	210
V _{Ma}	56.71	0.0	-77.39	77.4	270
M _{Ma}	56.71	67.03	-38.69	77.4	330
N _{Ma}	18.01	0.0	0.0	0.0	0
W _{Ma}	95.41	0.0	0.0	0.0	0
RC _{IE}	39.92	58.74	27.99	65.07	25
J _{CIE}	81.26	-2.88	71.56	71.62	92
G _{CIE}	52.23	-42.41	13.6	44.55	162
B _{CIE}	30.57	1.41	-46.46	46.49	272

%Regularity

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

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

1.00

0.75

$n^* = 0.00$

0.25

$n^* = 0.25$

$n^* = 0.50$

0.25

0.50

0.75

1.00

chromaticness c^*

relative Inform. Technology (IT)	
olv3*	1.0 1.0 1.0 (1.0)
cmyn3*	0.0 0.0 0.0 (0.0)
olv4*	1.0 1.0 1.0 (1.0)
cmyn4*	0.0 0.0 0.0 (0.0)
standard and adapted CIELAB	
LAB*LAB	95.41 0.0 0.0
LAB*LABa	95.41 0.0 0.0
LAB*LABb	99.99 0.01 0.0

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

relative Inform. Technology (IT)	
olv3*	1.0 0.75 0.75 (1.0)
cmyn3*	0.0 0.25 0.25 (0.0)
olv4*	1.0 0.75 0.75 (1.0)
cmyn4*	0.0 0.25 0.25 (0.0)
standard and adapted CIELAB	
LAB*LAB	85.73 16.75 9.67
LAB*LABa	85.73 16.75 9.67
LAB*LABb	97.5 19.34 30.0

relative CIELAB lab*	
lab*lab	0.875 0.216 0.125
lab*tch	0.875 0.25 0.083
lab*nch	0.0 0.25 0.083
relative Natural Colour (NC)	
lab*trj	0.875 0.248 0.027
lab*tce	0.875 0.25 0.017
lab*nce	0.0 0.25 0.06

relative Inform. Technology (IT)	
olv3*	0.75 0.5 0.5 (1.0)
cmyn3*	0.25 0.25 0.25 (0.0)
olv4*	1.0 0.75 0.75 (1.0)
cmyn4*	0.0 0.25 0.25 (0.0)
standard and adapted CIELAB	
LAB*LAB	66.39 16.76 9.68
LAB*LABa	66.39 16.76 9.68
LAB*LABb	75.0 0.01 0.0

relative CIELAB lab*	
lab*lab	0.75 0.433 0.25
lab*tch	0.75 0.5 0.083
lab*nch	0.0 0.5 0.083
relative Natural Colour (NC)	
lab*trj	0.75 0.497 0.053
lab*tce	0.75 0.5 0.017
lab*nce	0.0 0.5 0.06

relative Inform. Technology (IT)	
olv3*	0.75 0.25 0.25 (1.0)
cmyn3*	0.25 0.75 0.75 (0.0)
olv4*	1.0 0.75 0.75 (1.0)
cmyn4*	0.0 0.75 0.75 (0.0)
standard and adapted CIELAB	
LAB*LAB	56.71 33.52 19.35
LAB*LABa	56.71 33.52 19.35
LAB*LABb	50.0 38.7 30.0

relative CIELAB lab*	
lab*lab	0.52 0.649 0.375
lab*tch	0.625 0.75 0.083
lab*nch	0.0 0.75 0.083
relative Natural Colour (NC)	
lab*trj	0.625 0.746 0.08
lab*tce	0.625 0.75 0.017
lab*nce	0.0 0.75 0.06

relative Inform. Technology (IT)	
olv3*	0.75 0.0 0.0 (1.0)
cmyn3*	0.25 0.75 0.75 (0.0)
olv4*	1.0 0.5 0.5 (0.0)
cmyn4*	0.0 0.5 0.5 (0.0)
standard and adapted CIELAB	
LAB*LAB	56.71 67.02 38.69
LAB*LABa	56.71 67.02 38.69
LAB*LABb	50.0 77.38 30.0

relative CIELAB lab*	
lab*lab	0.5 0.866 0.5
lab*tch	0.5 1.0 0.083
lab*nch	0.0 1.0 0.083
relative Natural Colour (NC)	
lab*trj	0.5 0.994 0.106
lab*tce	0.5 1.0 0.06
lab*nce	0.0 1.0 0.06

relative Inform. Technology (IT)	
olv3*	0.75 0.0 0.0 (1.0)
cmyn3*	0.25 0.75 0.75 (0.0)
olv4*	1.0 0.5 0.5 (0.0)
cmyn4*	0.0 0.5 0.5 (0.0)
standard and adapted CIELAB	
LAB*LAB	47.04 30.27 29.02
LAB*LABa	47.04 30.27 29.02
LAB*LABb	37.51 58.04 30.0

relative CIELAB lab*	
lab*lab	0.375 0.649 0.375
lab*tch	0.375 0.75 0.083
lab*nch	0.0 0.75 0.083
relative Natural Colour (NC)	
lab*trj	0.375 0.746 0.08
lab*tce	0.375 0.75 0.017
lab*nce	0.0 0.75 0.06

relative Inform. Technology (IT)	
olv3*	0.75 0.0 0.0 (1.0)
cmyn3*	0.25 0.75 0.75 (0.0)
olv4*	1.0 0.5 0.5 (0.0)
cmyn4*	0.0 0.5 0.5 (0.0)
standard and adapted CIELAB	
LAB*LAB	37.36 33.51 19.35
LAB*LABa	37.36 33.51 19.35
LAB*LABb	25.01 38.69 30.0

relative CIELAB lab*	
lab*lab	0.25 0.433 0.25
lab*tch	0.25 0.5 0.083
lab*nch	0.0 0.5 0.083
relative Natural Colour (NC)	
lab*trj	0.25 0.497 0.053
lab*tce	0.25 0.5 0.017
lab*nce	0.0 0.5 0.06

relative Inform. Technology (IT)	
olv3*	0.25 0.0 0.0 (1.0)
cmyn3*	0.75 1.0 1.0 (0.0)
olv4*	1.0 0.75 0.75 (1.0)
cmyn4*	0.0 0.25 0.25 0.75
standard and adapted CIELAB	
LAB*LAB	27.69 16.75 9.67
LAB*LABa	27.69 16.75 9.67
LAB*LABb	12.5 19.34 30.0

relative CIELAB lab*	
lab*lab	0.125 0.216 0.125
lab*tch	0.125 0.25 0.083
lab*nch	0.0 0.25 0.083
relative Natural Colour (NC)	
lab*trj	0.125 0.248 0.027
lab*tce	0.125 0.25 0.017
lab*nce	0.0 0.25 0.06

relative Inform. Technology (IT)	
olv3*	0.0 0.0 0.0 (1.0)
cmyn3*	1.0 1.0 1.0 (0.0)
olv4*	1.0 1.0 1.0 (1.0)
cmyn4*	0.0 0.0 0.0 1.0
standard and adapted CIELAB	
LAB*LAB	18.03 0.0 0.0
LAB*LABa	18.03 0.0 0.0
LAB*LABb	0.01 0.01

relative CIELAB lab*	
lab*lab	0.0 0.0 0.0
lab*tch	0.0 0.0 0.0
lab*nch	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)	
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 1.0
standard and adapted CIELAB	
LAB*LAB	18.03 0.0 0.0
LAB*LABa	18.03 0.0 0.0
LAB*LABb	0.01 0.01

relative CIELAB lab*	
lab*lab	0.0 0.0 0.0
lab*tch	0.0 0.0 0.0
lab*nch	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)	
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 1.0
standard and adapted CIELAB	
LAB*LAB	18.03 0.0 0.0
LAB*LABa	18.03 0.0 0.0
LAB*LABb	0.01 0.01

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

Output: Colorimetric Offset Reflective System ORS18

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

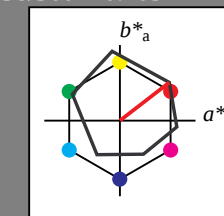
lab^*tch and lab^*nch

D65: hue O

LCH*Ma: 48 83 38

olv*Ma: 1.0 0.0 0.0

triangle lightness t^*



%Gamut

$u^*_{rel} = 93$

ORS18; adapted (a) CIELAB data

	$L^*=L_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	47.94	65.39	50.52	82.63	38
Y _{Ma}	90.37	-10.26	91.75	92.32	96
L _{Ma}	50.9	-62.83	34.96	71.91	151
C _{Ma}	58.62	-30.34	-45.01	54.3	236
V _{Ma}	25.72	31.1	-44.4	54.22	305
M _{Ma}	48.13	75.28	-8.36	75.74	354
N _{Ma}	18.01	0.0	0.0	0.0	0
W _{Ma}	95.41	0.0	0.0	0.0	0
RC _{IE}	39.92	58.66	26.98	64.57	25
J _{CIE}	81.26	-2.16	67.76	67.79	92
G _{CIE}	52.23	-42.25	11.76	43.87	164
B _{CIE}	30.57	1.15	-46.84	46.86	271

%Regularity

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

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

relative Inform. Technology (IT)	
olv3*	1.0 1.0 1.0 (1.0)
cmyn3*	0.0 0.0 0.0 (0.0)
olv4*	1.0 1.0 1.0 (1.0)
cmyn4*	0.0 0.0 0.0 (0.0)
standard and adapted CIELAB	
LAB*LAB	95.41 -0.98 4.75
LAB*LABa	95.41 0.0 0.0
LAB*LABb	99.99 0.01 0.0

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

relative Inform. Technology (IT)	
olv3*	1.0 0.75 0.75 (1.0)
cmyn3*	0.0 0.25 0.25 (0.0)
olv4*	1.0 1.0 1.0 (1.0)
cmyn4*	0.0 0.0 0.0 (0.0)
standard and adapted CIELAB	
LAB*LAB	76.06 -0.61 3.44
LAB*LABa	76.06 0.0 0.0
LAB*LABb	75.0 0.01 0.0

relative CIELAB lab*	
lab*lab	0.847 0.198 0.153
lab*tch	0.875 0.25 0.105
lab*nch	0.0 0.25 0.105
relative Natural Colour (NC)	
lab*trj	0.847 0.238 0.075
lab*tce	0.875 0.25 0.048
lab*nce	0.0 0.25 0.19

relative Inform. Technology (IT)	
olv3*	0.75 0.5 0.5 (1.0)
cmyn3*	0.25 0.5 0.5 (0.0)
olv4*	1.0 1.0 1.0 (1.0)
cmyn4*	0.0 0.5 0.5 (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 15.96 15.28

relative CIELAB lab*	
lab*lab	0.52 0.649 0.375
lab*tch	0.625 0.75 0.083
lab*nch	0.0 0.75 0.083
relative Natural Colour (NC)	
lab*trj	0.625 0.746 0.08
lab*tce	0.625 0.75 0.017
lab*nce	0.0 0.75 0.06

relative Inform. Technology (IT)	
olv3*	0.75 0.0 0.0 (1.0)
cmyn3*	0.25 0.75 0.75 (0.0)
olv4*	1.0 0.5 0.5 (0.0)
cmyn4*	0.0 0.5 0.5 (0.0)
standard and adapted CIELAB	
LAB*LAB	56.71 67.02 38.69
LAB*LABa	56.71 67.02 38.69
LAB*LABb	50.0 77.38 30.0

relative CIELAB lab*	
lab*lab	0.5 0.866 0.5
lab*tch	0.5 1.0 0.083
lab*nch	0.0 1.0 0.083
relative Natural Colour (NC)	
lab*trj	0.5 0.994 0.106
lab*tce	0.5 1.0 0.06
lab*nce	0.0 1.0 0.06

relative Inform. Technology (IT)	
olv3*	0.75 0.0 0.0 (1.0)
cmyn3*	0.25 0.75 0.75 (0.0)
olv4*	1.0 0.5 0.5 (0.0)
cmyn4*	0.0 0.5 0.5 (0.0)
standard and adapted CIELAB	
LAB*LAB	47.04 30.27 29.02
LAB*LABa	47.04 30.27 29.02
LAB*LABb	37.51 58.04 30.0

relative CIELAB lab*	
lab*lab	0.375 0.649 0.375
lab*tch	0.375 0.75 0.083
lab*nch	0.0 0.75 0.083
relative Natural Colour (NC)	
lab*trj	0.375 0.746 0.08
lab*tce	0.3

Input: Colorimetric Standard Reflective System SRS18

for hue $h^* = lab^*h = 90/360 = 0.25$

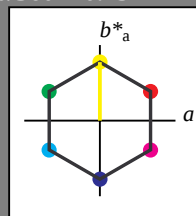
lab^*tch and lab^*nch

D65: hue Y

LCH*Ma: 57 77 90

olv*Ma: 1.0 1.0 0.0

triangle lightness t^*



SRS18; adapted (a) CIELAB data

	$L^*=L_a^*$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
OMa	56.71	67.03	38.7	77.4	30
YMa	56.71	0.0	77.4	77.4	90
LMa	56.71	-67.02	38.7	77.4	150
CMa	56.71	-67.02	-38.69	77.4	210
VMa	56.71	0.0	-77.39	77.4	270
MMa	56.71	67.03	-38.69	77.4	330
NMa	18.01	0.0	0.0	0.0	0
WMa	95.41	0.0	0.0	0.0	0
RCIE	39.92	58.74	27.99	65.07	25
JCIE	81.26	-2.88	71.56	71.62	92
GCIE	52.23	-42.41	13.6	44.55	162
BCIE	30.57	1.41	-46.46	46.49	272

%Regularity

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

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

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	95.41	0.0	0.0
LAB*LABa	95.41	0.0	0.0
LAB*LABb	95.41	0.0	0.0

relative Inform. Technology (IT)

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

standard and adapted CIELAB

LAB*LAB	85.73	0.0	19.34
LAB*LABa	85.73	0.0	19.34
LAB*LABb	85.73	0.0	19.34

relative Inform. Technology (IT)

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

standard and adapted CIELAB

LAB*LAB	76.06	0.0	38.69
LAB*LABa	76.06	0.0	38.69
LAB*LABb	76.06	0.0	38.69

relative Inform. Technology (IT)

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

standard and adapted CIELAB

LAB*LAB	66.38	0.0	58.04
LAB*LABa	66.38	0.0	58.04
LAB*LABb	66.38	0.0	58.04

relative Inform. Technology (IT)

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

standard and adapted CIELAB

LAB*LAB	56.71	0.0	77.38
LAB*LABa	56.71	0.0	77.38
LAB*LABb	56.71	0.0	77.38

relative Inform. Technology (IT)

olv3*	0.75	0.75	0.75	(1.0)
cmv3*	0.25	0.25	0.25	(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	76.07	0.0	38.69
LAB*LABa	76.07	0.0	38.69
LAB*LABb	76.07	0.0	38.69

relative Inform. Technology (IT)

olv3*	0.75	0.75	0.5	(1.0)
cmv3*	0.25	0.25	0.5	(0.0)
olv4*	1.0	1.0	0.75	(1.0)
cmv4*	0.0	0.0	0.25	(0.0)

standard and adapted CIELAB

LAB*LAB	66.39	0.0	19.35
LAB*LABa	66.39	0.0	19.35
LAB*LABb	66.39	0.0	19.35

relative Inform. Technology (IT)

olv3*	0.75	0.75	0.25	(1.0)
cmv3*	0.25	0.25	0.25	(0.0)
olv4*	1.0	1.0	0.5	(1.0)
cmv4*	0.0	0.0	0.25	(0.0)

standard and adapted CIELAB

LAB*LAB	56.71	0.0	38.7
LAB*LABa	56.71	0.0	38.7
LAB*LABb	56.71	0.0	38.7

relative Inform. Technology (IT)

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

standard and adapted CIELAB

LAB*LAB	47.04	0.0	58.04
LAB*LABa	47.04	0.0	58.04
LAB*LABb	47.04	0.0	58.04

relative Inform. Technology (IT)

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

standard and adapted CIELAB

LAB*LAB	37.51	0.0	58.04
LAB*LABa	37.51	0.0	58.04
LAB*LABb	37.51	0.0	58.04

relative Inform. Technology (IT)

olv3*	0.5	0.5	0.5	(1.0)
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	56.72	0.0	77.38
LAB*LABa	56.72	0.0	77.38
LAB*LABb	56.72	0.0	77.38

relative Inform. Technology (IT)

olv3*	0.5	0.5	0.25	(1.0)
cmv3*	0.5	0.5	0.25	(0.0)
olv4*	1.0	1.0	0.5	(1.0)
cmv4*	0.0	0.0	0.25	(0.0)

standard and adapted CIELAB

LAB*LAB	47.04	0.0	19.35
LAB*LABa	47.04	0.0	19.35
LAB*LABb	47.04	0.0	19.35

relative Inform. Technology (IT)

olv3*	0.5	0.5	0.0	(1.0)
cmv3*	0.5	0.5	0.0	(0.0)
olv4*	1.0	1.0	0.25	(1.0)
cmv4*	0.0	0.0	0.0	(0.0)

standard and adapted CIELAB

LAB*LAB	37.51	0.0	38.7
LAB*LABa	37.51	0.0	38.7
LAB*LABb	37.51	0.0	38.7

relative Inform. Technology (IT)

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

standard and adapted CIELAB

LAB*LAB	27.69	0.0	58.04
LAB*LABa	27.69	0.0	58.04
LAB*LABb	27.69	0.0	58.04

relative Inform. Technology (IT)

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

standard and adapted CIELAB

LAB*LAB	18.02	0.0	77.38
LAB*LABa	18.02	0.0	77.38
LAB*LABb	18.02	0.0	77.38

relative Inform. Technology (IT)

olv3*	0.25	0.25	0.25	(1.0)
cmv3*	0.75	0.75	0.75	(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	56.72	0.0	77.38
LAB*LABa	56.72	0.0	77.38
LAB*LABb	56.72	0.0	77.38

relative Inform. Technology (IT)

olv3*	0.25	0.25	0.5	(1.0)
cmv3*	0.75	0.75	0.5	(0.0)
olv4*	1.0	1.0	0.5	(1.0)
cmv4*	0.0	0.0	0.5	(0.0)

standard and adapted CIELAB

LAB*LAB	47.04	0.0	19.35
LAB*LABa	47.04	0.0	19.35
LAB*LABb	47.04	0.0	19.35

relative Inform. Technology (IT)

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

standard and adapted CIELAB

LAB*LAB	37.51	0.0	38.7
LAB*LABa	37.51	0.0	38.7
LAB*LABb	37.51	0.0	38.7

relative Inform. Technology (IT)

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

standard and adapted CIELAB

LAB*LAB	27.69	0.0	58.04
LAB*LABa	27.69	0.0	58.04
LAB*LABb	27.69	0.0	58.04

relative Inform. Technology (IT)

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

standard and adapted CIELAB

LAB*LAB	18.02	0.0	77.38
LAB*LABa	18.02	0.0	77.38
LAB*LABb	18.02	0.0	77.38

relative Inform. Technology (IT)

olv3*	0.0	0.0	0.0	(1.0)
cmv3*	1.0	1.0	1.0	(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	95.41	0.0	0.0
LAB*LABa	95.41	0.0	0.0
LAB*LABb	95.41	0.0	0.0

relative Inform. Technology (IT)

olv3*	0.0	0.0	0.25	(1.0)
cmv3*	1.0	1.0	0.25	(0.0)
olv4*	1.0	1.0	0.5	(1.0)
cmv4*	0.0	0.0	0.25	(0.0)

standard and adapted CIELAB

LAB*LAB	85.73	0.0	19.34
LAB*LABa	85.73	0.0	19.34
LAB*LABb	85.73	0.0	19.34

relative Inform. Technology (IT)

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

standard and adapted CIELAB

LAB*LAB	76.06	0.0	38.69
LAB*LABa	76.06	0.0	38.69
LAB*LABb	76.06	0.0	38.69

relative Inform. Technology (IT)

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

standard and adapted CIELAB

LAB*LAB	66.38	0.0	58.04
LAB*LABa	66.38	0.0	58.04
LAB*LABb	66.38	0.0	58.04

relative Inform. Technology (IT)

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

standard and adapted CIELAB

LAB*LAB	56.71	0.0	77.38
LAB*LABa	56.71	0.0	77.38
LAB*LABb	56.71	0.0	77.38

relative Inform. Technology (IT)

olv3*	0.0	0.0	0.25	(1.0)
cmv3*	1.0	1.0	0.25	(0.0)
olv4*	1.0	1.0	0.5	(1.0)
cmv4*	0.0	0.0	0.25	(0.0)

standard and adapted CIELAB

LAB*LAB	47.04	0.0	19.35
LAB*LABa	47.04	0.0	19.35
LAB*LABb	47.04	0.0	19.35

relative Inform. Technology (IT)

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

standard and adapted CIELAB

LAB*LAB	37.51	0.0	38.7
LAB*LABa	37.51	0.0	38.7
LAB*LABb	37.51	0.0	38.7

relative Inform. Technology (IT)

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

standard and adapted CIELAB

LAB*LAB	27.69	0.0	58.04
LAB*LABa	27.69	0.0	58.04
LAB*LABb	27.69	0.0	58.04

relative Inform. Technology (IT)

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

standard and adapted CIELAB

LAB*LAB	18.02	0.0	77.38
LAB*LABa	18.02	0.0	77.38
LAB*LABb	18.02	0.0	77.38

relative Inform. Technology (IT)

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

standard and adapted CIELAB

LAB*LAB	9.36	0.0	58.04
LAB*LABa	9.36	0.0	58.04
LAB*LABb	9.36	0.0	58.04

relative CIELAB <i>lab*</i>			
<i>lab*lab</i>	0.25	0.0	0.0
<i>lab*tch</i>	0.25	0.0	–
<i>lab*nch</i>	0.75	0.0	–
relative Natural Colour (NC)			
<i>lab*lrj</i>	0.25	0.0	0.0
<i>lab*tce</i>	0.25	0.0	–
<i>lab*nce</i>	0.75	0.0	–

Input: Colorimetric Standard Reflective System SRS18

for hue $h^* = lab^*h = 210/360 = 0.583$

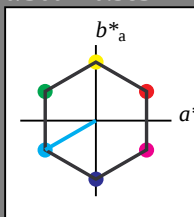
lab^*tch and lab^*nch

D65: hue C

LCH*Ma: 57 77 210

olv*Ma: 0.0 1.0 1.0

triangle lightness t^*



SRS18; adapted (a) CIELAB data

	$L^*=L_a^*$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	56.71	67.03	38.7	77.4	30
Y _{Ma}	56.71	0.0	77.4	77.4	90
L _{Ma}	56.71	-67.02	38.7	77.4	150
C _{Ma}	56.71	-67.02	-38.69	77.4	210
V _{Ma}	56.71	0.0	-77.39	77.4	270
M _{Ma}	56.71	67.03	-38.69	77.4	330
N _{Ma}	18.01	0.0	0.0	0.0	0
W _{Ma}	95.41	0.0	0.0	0.0	0
RC _{IE}	39.92	58.74	27.99	65.07	25
J _{CIE}	81.26	-2.88	71.56	71.62	92
G _{CIE}	52.23	-42.41	13.6	44.55	162
B _{CIE}	30.57	1.41	-46.46	46.49	272

%Regularity

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

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

relative Inform. Technology (IT)
olv3* 1.0 1.0 1.0 (1.0)
cmyn3* 0.0 0.0 0.0 (0.0)
olv4* 1.0 1.0 1.0 (1.0)
cmyn4* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 95.41 0.0 0.0
LAB*LABa 95.41 0.0 0.0
LAB*TCHa 99.99 0.01

relative Inform. Technology (IT)
olv3* 0.75 1.0 1.0 (1.0)
cmyn3* 0.25 0.0 0.0 (0.0)
olv4* 0.75 1.0 1.0 (1.0)
cmyn4* 0.25 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 85.73 -16.74 -9.66
LAB*LABa 85.73 -16.74 -9.66
LAB*TCHa 97.5 19.34 210.0

relative Inform. Technology (IT)
olv3* 0.5 1.0 1.0 (1.0)
cmyn3* 0.5 0.0 0.0 (0.0)
olv4* 0.5 1.0 1.0 (1.0)
cmyn4* 0.5 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 76.06 -33.5 -19.34
LAB*LABa 76.06 -33.5 -19.34
LAB*TCHa 75.0 38.69 210.0

relative Inform. Technology (IT)
olv3* 0.25 1.0 1.0 (1.0)
cmyn3* 0.25 0.0 0.0 (0.0)
olv4* 0.25 1.0 1.0 (1.0)
cmyn4* 0.25 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 66.38 -50.26 -29.01
LAB*LABa 66.38 -50.26 -29.01
LAB*TCHa 62.5 58.04 210.0

relative Inform. Technology (IT)
olv3* 0.0 1.0 1.0 (1.0)
cmyn3* 1.0 0.0 0.0 (0.0)
olv4* 0.0 1.0 1.0 (1.0)
cmyn4* 1.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 56.71 -67.01 -38.68
LAB*LABa 56.71 -67.01 -38.68
LAB*TCHa 50.0 77.38 210.0

relative Inform. Technology (IT)
olv3* 0.0 0.5 0.5 (0.0)
cmyn3* 0.5 0.5 0.5 (0.0)
olv4* 0.0 0.5 0.5 (0.0)
cmyn4* 0.5 0.5 0.5 (0.0)
standard and adapted CIELAB
LAB*LAB 56.71 -67.01 -38.68
LAB*LABa 56.71 -67.01 -38.68
LAB*TCHa 50.0 77.38 210.0

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 76.07 0.0 0.0
LAB*LABa 76.07 0.0 0.0
LAB*TCHa 75.0 0.01

relative Inform. Technology (IT)
olv3* 0.5 0.75 0.75 (1.0)
cmyn3* 0.5 0.25 0.25 (0.0)
olv4* 0.75 1.0 1.0 (1.0)
cmyn4* 0.25 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 66.39 -16.75 -9.67
LAB*LABa 66.39 -16.75 -9.67
LAB*TCHa 62.5 19.35 210.0

relative Inform. Technology (IT)
olv3* 0.25 0.75 0.75 (1.0)
cmyn3* 0.25 0.25 0.25 (0.0)
olv4* 0.5 1.0 1.0 (1.0)
cmyn4* 0.5 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 56.71 -33.5 -19.34
LAB*LABa 56.71 -33.5 -19.34
LAB*TCHa 50.0 38.69 210.0

relative Inform. Technology (IT)
olv3* 0.0 0.75 0.75 (1.0)
cmyn3* 0.75 0.25 0.25 (0.0)
olv4* 0.25 1.0 1.0 (1.0)
cmyn4* 0.75 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 47.04 -50.26 -29.01
LAB*LABa 47.04 -50.26 -29.01
LAB*TCHa 37.5 58.04 210.0

relative Inform. Technology (IT)
olv3* 0.0 0.5 0.5 (0.0)
cmyn3* 0.5 0.5 0.5 (0.0)
olv4* 0.0 0.5 0.5 (0.0)
cmyn4* 0.5 0.5 0.5 (0.0)
standard and adapted CIELAB
LAB*LAB 47.04 -50.26 -29.01
LAB*LABa 47.04 -50.26 -29.01
LAB*TCHa 37.5 58.04 210.0

relative Inform. Technology (IT)
olv3* 0.25 0.25 0.25 (1.0)
cmyn3* 0.75 0.75 0.75 (0.0)
olv4* 1.0 1.0 1.0 (1.0)
cmyn4* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 37.36 -33.5 -19.34
LAB*LABa 37.36 -33.5 -19.34
LAB*TCHa 25.0 1.01

relative Inform. Technology (IT)
olv3* 0.25 0.25 0.25 (1.0)
cmyn3* 0.75 0.75 0.75 (0.0)
olv4* 1.0 1.0 1.0 (1.0)
cmyn4* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 37.36 -33.5 -19.34
LAB*LABa 37.36 -33.5 -19.34
LAB*TCHa 25.0 1.01

relative Inform. Technology (IT)
olv3* 0.0 0.5 0.5 (0.0)
cmyn3* 0.5 0.5 0.5 (0.0)
olv4* 0.75 1.0 1.0 (1.0)
cmyn4* 0.25 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 27.36 -33.5 -19.34
LAB*LABa 27.36 -33.5 -19.34
LAB*TCHa 12.5 19.34 210.0

relative Inform. Technology (IT)
olv3* 0.0 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 18.03 18.03 0.0
LAB*LABa 18.03 18.03 0.0
LAB*TCHa 0.01 0.01

relative Inform. Technology (IT)
olv3* 0.0 0.0 0.0 (0.0)
cmyn3* 1.0 1.0 1.0 (0.0)
olv4* 0.0 0.0 0.0 (0.0)
cmyn4* 1.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 18.02 0.0 0.0
LAB*LABa 18.02 0.0 0.0
LAB*TCHa 0.0 0.01

relative Inform. Technology (IT)
olv3* 0.0 0.0 0.0 (0.0)
cmyn3* 1.0 1.0 1.0 (0.0)
olv4* 0.0 0.0 0.0 (0.0)
cmyn4* 1.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 18.02 0.0 0.0
LAB*LABa 18.02 0.0 0.0
LAB*TCHa 0.0 0.01

relative Inform. Technology (IT)
olv3* 0.0 0.0 0.0 (0.0)
cmyn3* 1.0 1.0 1.0 (0.0)
olv4* 0.0 0.0 0.0 (0.0)
cmyn4* 1.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 18.02 0.0 0.0
LAB*LABa 18.02 0.0 0.0
LAB*TCHa 0.0 0.01

relative Inform. Technology (IT)
olv3* 0.25 0.25 0.25 (1.0)
cmyn3* 0.75 0.75 0.75 (0.0)
olv4* 1.0 1.0 1.0 (1.0)
cmyn4* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 37.36 -33.5 -19.34
LAB*LABa 37.36 -33.5 -19.34
LAB*TCHa 25.0 1.01

relative Inform. Technology (IT)
olv3* 0.0 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 27.36 -33.5 -19.34
LAB*LABa 27.36 -33.5 -19.34
LAB*TCHa 12.5 19.34 210.0

relative Inform. Technology (IT)
olv3* 0.0 0.0 0.0 (0.0)
cmyn3* 1.0 0.75 0.75 (0.0)
olv4* 0.0 1.0 1.0 (1.0)
cmyn4* 1.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 18.03 18.03 0.0
LAB*LABa 18.03 18.03 0.0
LAB*TCHa 0.01 0.01

relative Inform. Technology (IT)
olv3* 0.0 0.0 0.0 (0.0)
cmyn3* 1.0 1.0 1.0 (0.0)
olv4* 0.0 0.0 0.0 (0.0)
cmyn4* 1.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 18.03 18.03 0.0
LAB*LABa 18.03 18.03 0.0
LAB*TCHa 0.01 0.01

relative Inform. Technology (IT)
olv3* 0.0 0.0 0.0 (0.0)
cmyn3* 1.0 1.0 1.0 (0.0)
olv4* 0.0 0.0 0.0 (0.0)
cmyn4* 1.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 18.03 18.03 0.0
LAB*LABa 18.03 18.03 0.0
LAB*TCHa 0.01 0.01

relative Inform. Technology (IT)
olv3* 0.0 0.0 0.0 (0.0)
cmyn3* 1.0 1.0 1.0 (0.0)
olv4* 0.0 0.0 0.0 (0.0)
cmyn4* 1.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 18.03 18.03 0.0
LAB*LABa 18.03 18.03 0.0
LAB*TCHa 0.01 0.01

relative Inform. Technology (IT)
olv3* 0.0 0.0 0.0 (0.0)
cmyn3* 1.0 1.0 1.0 (0.0)
olv4* 0.0 0.0 0.0 (0.0)
cmyn4* 1.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 18.03 18.03 0.0
LAB*LABa 18.03 18.03 0.0
LAB*TCHa 0.01 0.01

relative Inform. Technology (IT)
olv3* 0.0 0.0 0.0 (0.0)
cmyn3* 1.0 1.0 1.0 (0.0)
olv4* 0.0 0.0 0.0 (0.0)
cmyn4* 1.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 18.03 18.03 0.0
LAB*LABa 18.03 18.03 0.0
LAB*TCHa 0.01 0.01

relative Inform. Technology (IT)
olv3* 0.0 0.0 0.0 (0.0)
cmyn3* 1.0 1.0 1.0 (0.0)
olv4* 0.0 0.0 0.0 (0.0)
cmyn4* 1.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 18.03 18.03 0.0
LAB*LABa 18.03 18.03 0.0
LAB*TCHa 0.01 0.01

relative Inform. Technology (IT)
olv3* 0.0 0.0 0.0 (0.0)
cmyn3* 1.0 1.0 1.0 (0.0)
olv4* 0.0 0.0 0.0 (0.0)
cmyn4* 1.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 18.03 18.03 0.0
LAB*LABa 18.03 18.03 0.0
LAB*TCHa 0.01 0.01

relative Inform. Technology (IT)
olv3* 0.0 0.0 0.0 (0.0)
cmyn3* 1.0 1.0 1.0 (0.0)
olv4* 0.0 0.0 0.0 (0.0)
cmyn4* 1.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 18.03 18.03 0.0
LAB*LABa 18.03 18.03 0.0
LAB*TCHa 0.01 0.01

relative Inform. Technology (IT)
olv3* 0.0 0.0 0.0 (0.0)
cmyn3* 1.0 1.0 1.0 (0.0)
olv4* 0.0 0.0 0.0 (0.0)
cmyn4* 1.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 18.03 18.03 0.0
LAB*LABa 18.03 18.03 0.0
LAB*TCHa 0.01 0.01

OE570-7, 5 step scales for constant CIELAB hue 210/360 = 0.583 (left)

5 step scales for constant CIELAB hue 236/360 = 0.656 (right)

BAM-test chart OE57; Colorimetric systems SRS18 & ORS18

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

input: $cmY0^* setcmykcolor$

output: no change compared to input

See for similar files: <http://www.ps.bam.de/OE57/>
Technical information: <http://www.ps.bam.de> Version 2.1, io=0.0

BAM registration: 20060101-OE57/100/Q57E04NP.PS/.PDF BAM material: code=rhda4a
application for evaluation and measurement of printer or monitor systems
/OE57/ Form 5/10, Serie: 1/1, Page: 5 Page count: 5

www.ps.bam.de/OE57/100/Q57E04NP.PS/.PDF; start output
N: No Output Linearization (OL) data in File (F), Startup (S) or Device (D)

Input: Colorimetric Standard Reflective System SRS18

for hue $h^* = lab^*h = 270/360 = 0.75$

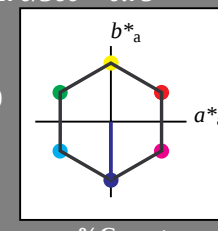
lab^*tch and lab^*nch

D65: hue V

LCH*Ma: 57 77 270

olv*Ma: 0.0 0.0 1.0

triangle lightness t^*



SRS18; adapted (a) CIELAB data

	$L^*=L_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	56.71	67.03	38.7	77.4	30
Y _{Ma}	56.71	0.0	77.4	77.4	90
L _{Ma}	56.71	-67.02	38.7	77.4	150
C _{Ma}	56.71	-67.02	-38.69	77.4	210
V _{Ma}	56.71	0.0	-77.39	77.4	270
M _{Ma}	56.71	67.03	-38.69	77.4	330
N _{Ma}	18.01	0.0	0.0	0.0	0
W _{Ma}	95.41	0.0	0.0	0.0	0
R _{CIE}	39.92	58.74	27.99	65.07	25
J _{CIE}	81.26	-2.88	71.56	71.62	92
G _{CIE}	52.23	-42.41	13.6	44.55	162
B _{CIE}	30.57	1.41	-46.46	46.49	272

%Regularity

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

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

relative Inform. Technology (IT)

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

relative Inform. Technology (IT)				
olv3*	0.75	0.75	1.0	(1.0)
cmyn3*	0.25	0.25	0.0	(0.0)
olv4*	0.75	0.75	1.0	1.0
cmyn4*	0.25	0.25	0.0	0.0
standard and adapted CIELAB				
LAB*LAB	85.73	0.0	-19.33	
LAB*LABa	85.73	0.0	-19.33	
LAB*TCRa	87.5	19.34	270.0	

Input: Colorimetric Standard Reflective System SRS18

for hue $h^* = lab^*h = 330/360 = 0.917$

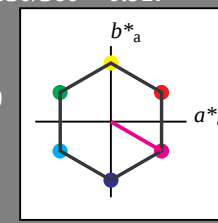
lab^*tch and lab^*nch

D65: hue M

LCH*Ma: 57 77 330

olv*Ma: 1.0 0.0 1.0

triangle lightness t^*



SRS18; adapted (a) CIELAB data

	$L^*=L_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	56.71	67.03	38.7	77.4	30
Y _{Ma}	56.71	0.0	77.4	77.4	90
L _{Ma}	56.71	-67.02	38.7	77.4	150
C _{Ma}	56.71	-67.02	-38.69	77.4	210
V _{Ma}	56.71	0.0	-77.39	77.4	270
M _{Ma}	56.71	67.03	-38.69	77.4	330
N _{Ma}	18.01	0.0	0.0	0.0	0
W _{Ma}	95.41	0.0	0.0	0.0	0
RC _{IE}	39.92	58.74	27.99	65.07	25
J _{CIE}	81.26	-2.88	71.56	71.62	92
G _{CIE}	52.23	-42.41	13.6	44.55	162
B _{CIE}	30.57	1.41	-46.46	46.49	272

%Regularity

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

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

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	95.41	0.0	0.0
LAB*LABa	95.41	0.0	0.0
LAB*LABb	95.41	0.0	0.0
LAB*LABc	95.41	0.0	0.0

relative CIELAB lab*

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

relative Natural Colour (NC)

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

relative Inform. Technology (IT)

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

standard and adapted CIELAB

LAB*LAB	85.73	16.75	-9.66
LAB*LABa	85.73	16.75	-9.66
LAB*LABb	85.73	16.75	-9.66
LAB*LABc	85.73	16.75	-9.66

relative CIELAB lab*

lab*lab	0.75	0.25	-0.124
lab*tch	0.875	0.25	0.917
lab*nch	0.0	0.25	0.917

relative Natural Colour (NC)

lab*trj	0.875	0.18	-0.172
lab*tce	0.875	0.25	0.917
lab*nce	0.0	0.25	0.917

relative Inform. Technology (IT)

olv3*	1.0	0.5	1.0	(1.0)
cmv3*	0.0	0.75	0.0	(0.0)
olv4*	1.0	0.5	1.0	(1.0)
cmv4*	0.0	0.75	0.0	(0.0)

standard and adapted CIELAB

LAB*LAB	76.06	33.51	-19.34
LAB*LABa	76.06	33.51	-19.34
LAB*LABb	76.06	33.51	-19.34
LAB*LABc	76.06	33.51	-19.34

relative CIELAB lab*

lab*lab	0.75	0.25	-0.124
lab*tch	0.875	0.25	0.917
lab*nch	0.0	0.25	0.917

relative Natural Colour (NC)

lab*trj	0.875	0.18	-0.172
lab*tce	0.875	0.25	0.917
lab*nce	0.0	0.25	0.917

relative Inform. Technology (IT)

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

standard and adapted CIELAB

LAB*LAB	76.07	0.0	0.0
LAB*LABa	76.07	0.0	0.0
LAB*LABb	76.07	0.0	0.0
LAB*LABc	76.07	0.0	0.0

relative CIELAB lab*

lab*lab	0.75	0.25	-0.124
lab*tch	0.875	0.25	0.917
lab*nch	0.0	0.25	0.917

relative Natural Colour (NC)

lab*trj	0.875	0.18	-0.172
lab*tce	0.875	0.25	0.917
lab*nce	0.0	0.25	0.917

relative Inform. Technology (IT)

olv3*	0.75	0.25	0.75	(1.0)
cmv3*	0.0	0.75	0.0	(0.0)
olv4*	1.0	0.5	1.0	(1.0)
cmv4*	0.0	0.75	0.0	(0.0)

standard and adapted CIELAB

LAB*LAB	66.39	16.76	-9.67
LAB*LABa	66.39	16.76	-9.67
LAB*LABb	66.39	16.76	-9.67
LAB*LABc	66.39	16.76	-9.67

relative CIELAB lab*

lab*lab	0.75	0.25	-0.124
lab*tch	0.875	0.25	0.917
lab*nch	0.0	0.25	0.917

relative Natural Colour (NC)

lab*trj	0.875	0.18	-0.172
lab*tce	0.875	0.25	0.917
lab*nce	0.0	0.25	0.917

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	56.71	67.02	-38.68
LAB*LABa	56.71	67.02	-38.68
LAB*LABb	56.71	67.02	-38.68
LAB*LABc	56.71	67.02	-38.68

relative CIELAB lab*

lab*lab	0.5	0.5	0.0
lab*tch	0.75	0.0	0.0
lab*nch	0.0	0.75	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	0.75	0.0

relative Inform. Technology (IT)

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

standard and adapted CIELAB

LAB*LAB	37.35	33.51	-19.34
LAB*LABa	37.35	33.51	-19.34
LAB*LABb	37.35	33.51	-19.34
LAB*LABc	37.35	33.51	-19.34

relative CIELAB lab*

lab*lab	0.25	0.25	-0.124
lab*tch	0.375	0.25	0.917
lab*nch	0.0	0.25	0.917

relative Natural Colour (NC)

lab*trj	0.375	0.18	-0.172
lab*tce	0.375	0.25	0.917
lab*nce	0.0	0.25	0.917

relative Inform. Technology (IT)

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

standard and adapted CIELAB

LAB*LAB	27.36	33.51	-19.34
LAB*LABa	27.36	33.51	-19.34
LAB*LABb	27.36	33.51	-19.34
LAB*LABc	27.36	33.51	-19.34

relative CIELAB lab*

lab*lab	0.25	0.25	-0.124
lab*tch	0.375	0.25	0.917
lab*nch	0.0	0.25	0.917

relative Natural Colour (NC)

lab*trj	0.375	0.18	-0.172
lab*tce	0.375	0.25	0.917
lab*nce	0.0	0.25	0.917

relative Inform. Technology (IT)

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

standard and adapted CIELAB

LAB*LAB	18.03	18.03	0.0
LAB*LABa	18.03	18.03	0.0
LAB*LABb	18.03	18.03	0.0
LAB*LABc	18.03	18.03	0.0

relative CIELAB lab*

lab*lab	0.25	0.25	-0.124
lab*tch	0.375	0.25	0.917
lab*nch	0.0	0.25	0.917

relative Natural Colour (NC)

lab*trj	0.375	0.18	-0.172
lab*tce	0.375	0.25	0.917
lab*nce	0.0	0.25	0.917

relative Inform. Technology (IT)

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

standard and adapted CIELAB

LAB*LAB	18.03	18.03	0.0
LAB*LABa	18.03	18.03	0.0
LAB*LABb	18.03	18.03	0.0
LAB*LABc	18.03	18.03	0.0

relative CIELAB lab*

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

relative Natural Colour (NC)

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

relative Inform. Technology (IT)

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

standard and adapted CIELAB

LAB*LAB	18.03	18.03	0.0
LAB*LABa	18.03	18.03	0.0
LAB*LABb	18.03	18.03	0.0
LAB*LABc	18.03	18.03	0.0

relative CIELAB lab*

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

relative Natural Colour (NC)

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

relative Inform. Technology (IT)

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

standard and adapted CIELAB

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

relative CIELAB lab*

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

relative Natural Colour (NC)

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

relative Inform. Technology (IT)

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

standard and adapted CIELAB

LAB*LAB	18.03	18.03	0.0
LAB*LABa	18.03	18.03	0.0
LAB*LABb	18.03	18.03	0.0
LAB*LABc	18.03	18.03	0.0

relative CIELAB lab*

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

relative Natural Colour (NC)

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

relative Inform. Technology (IT)

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

standard and adapted CIELAB

LAB*LAB	18.03	18.03	0.0
LAB*LABa	18.03	18.03	0.0
LAB*LABb	18.03	18.03	0.0
LAB*LABc	18.03	18.03	0.0

relative CIELAB lab*

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

relative Natural Colour (NC)

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

relative Inform. Technology (IT)

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

standard and adapted CIELAB

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

relative CIELAB lab*

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

relative Natural Colour (NC)

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

OE570-7, 5 step scales for constant CIELAB hue 330/360 = 0.917 (left)

5 step scales for constant CIELAB hue 354/360 = 0.982 (right)

BAM-test chart OE57; Colorimetric systems SRS18 & ORS18

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

input: $cmv0^* setcmykcolor$

output: no change compared to input

chromaticness c^*

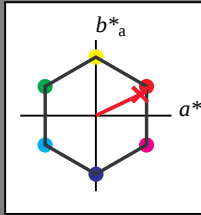
chromaticness c^*

Input: Colorimetric Standard Reflective System SRS18

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

D65: hue R
LCH*Ma: 57 74 25
olv*Ma: 1.0 0.0 0.09

triangle lightness t^*



% Gamut

$u^*_{rel} = 100$

SRS18; adapted (a) CIELAB data

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	56.71	67.03	38.7	77.4	30
Y _{Ma}	56.71	0.0	77.4	77.4	90
L _{Ma}	56.71	-67.02	38.7	77.4	150
C _{Ma}	56.71	-67.02	-38.69	77.4	210
V _{Ma}	56.71	0.0	-77.39	77.4	270
M _{Ma}	56.71	67.03	-38.69	77.4	330
N _{Ma}	18.01	0.0	0.0	0.0	0
W _{Ma}	95.41	0.0	0.0	0.0	0
R _{CIE}	39.92	58.74	27.99	65.07	25
J _{CIE}	81.26	-2.88	71.56	71.62	92
G _{CIE}	52.23	-42.41	13.6	44.55	162
B _{CIE}	30.57	1.41	-46.46	46.49	272

% Regularity

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

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

1.00

0.75

$n^* = 0.00$

0.25

0.00

chromaticness c^*

relative Inform. Technology (IT)

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

standard and adapted CIELAB

LAB*LAB	95.41	0.0	0.0
LAB*Lab	95.41	0.0	0.0
LAB*TCh	99.99	0.01	0.0

relative CIELAB lab*

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

relative Natural Colour (NC)

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

relative Inform. Technology (IT)

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

standard and adapted CIELAB

LAB*LAB	85.73	16.75	7.98
LAB*Lab	85.73	16.75	7.98
LAB*TCh	97.5	18.56	25.48

relative CIELAB lab*

lab*lab	0.875	0.25	0.107
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)

olv3*	1.0	0.5	0.544	(1.0)
cmyn3*	0.0	0.5	0.544	(1.0)
olv4*	1.0	0.5	0.544	(1.0)
cmyn4*	0.0	0.5	0.544	(1.0)

standard and adapted CIELAB

LAB*LAB	76.06	33.51	15.97
LAB*Lab	76.06	33.51	15.97
LAB*TCh	75.0	37.12	25.48

relative CIELAB lab*

lab*lab	0.75	0.451	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)

olv3*	1.0	0.25	0.316	(1.0)
cmyn3*	0.0	0.25	0.316	(1.0)
olv4*	1.0	0.25	0.316	(1.0)
cmyn4*	0.0	0.25	0.316	(1.0)

standard and adapted CIELAB

LAB*LAB	66.38	50.27	23.95
LAB*Lab	66.38	50.27	23.95
LAB*TCh	62.5	55.68	25.48

relative CIELAB lab*

lab*lab	0.625	0.677	0.323
lab*tch	0.625	0.75	0.071
lab*nch	0.0	0.75	0.071

relative Natural Colour (NC)

lab*trj	0.625	0.75	0.0
lab*tce	0.625	0.75	0.0
lab*nce	0.0	0.75	0.099

relative Inform. Technology (IT)

olv3*	1.0	0.0	0.903	0.43
cmyn3*	0.0	0.0	0.903	0.43
olv4*	1.0	0.0	0.903	0.43
cmyn4*	0.0	0.0	0.903	0.43

standard and adapted CIELAB

LAB*LAB	56.71	67.02	31.94
LAB*Lab	56.71	67.02	31.94
LAB*TCh	50.0	74.24	25.48

relative CIELAB lab*

lab*lab	0.5	0.0	0.903	0.43
lab*tch	0.5	0.0	0.903	0.43
lab*nch	0.0	0.0	0.903	0.43

relative Natural Colour (NC)

lab*trj	0.5	0.0	0.0	0.0
lab*tce	0.5	0.0	0.0	0.0
lab*nce	0.0	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	76.07	0.0	0.0
LAB*Lab	76.07	0.0	0.0
LAB*TCh	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)

olv3*	0.75	0.5	0.522	(1.0)
cmyn3*	0.25	0.5	0.522	(1.0)
olv4*	1.0	0.75	0.772	(0.0)
cmyn4*	0.0	0.25	0.228	0.5

standard and adapted CIELAB

LAB*LAB	66.39	16.76	7.99
LAB*Lab	66.39	16.76	7.99
LAB*TCh	62.5	18.56	25.48

relative CIELAB lab*

lab*lab	0.625	0.226	0.108
lab*tch	0.625	0.25	0.071
lab*nch	0.0	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	0.0	0.25	0.099

relative Inform. Technology (IT)

olv3*	0.75	0.25	0.258	(1.0)
cmyn3*	0.25	0.75	0.706	(0.0)
olv4*	1.0	0.5	0.544	0.75
cmyn4*	0.0	0.5	0.456	0.25

standard and adapted CIELAB

LAB*LAB	56.71	33.52	15.97
LAB*Lab	56.71	33.52	15.97
LAB*TCh	50.0	37.13	25.48

relative CIELAB lab*

lab*lab	0.75	0.451	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)

olv3*	0.75	0.0	0.903	0.43
cmyn3*	0.25	0.0	0.903	0.43
olv4*	1.0	0.25	0.316	0.75
cmyn4*	0.0	0.25	0.316	0.75

standard and adapted CIELAB

LAB*LAB	47.04	50.27	23.95
LAB*Lab	47.04	50.27	23.95
LAB*TCh	37.51	55.68	25.48

relative CIELAB lab*

lab*lab	0.375	0.677	0.323
lab*tch	0.375	0.75	0.071
lab*nch	0.0	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	0.0	0.75	0.099

relative Inform. Technology (IT)

olv3*	0.5	0.5	0.5	(1.0)
cmyn3*	0.5	0.5	0.5	(1.0)
olv4*	1.0	1.0	1.0	(1.0)
cmyn4*	0.0	0.0	0.0	(0.0)

standard and adapted CIELAB

LAB*LAB	56.71	67.02	31.94
LAB*Lab	56.71	67.02	31.94
LAB*TCh	50.0	74.24	25.48

relative CIELAB lab*

lab*lab	0.5	0.0	0.903	0.43
lab*tch	0.5	0.0	0.903	0.43
lab*nch	0.0	0.0	0.903	0.43

relative Natural Colour (NC)

lab*trj	0.5	0.0	0.0	0.0
lab*tce	0.5	0.0	0.0	0.0
lab*nce	0.0	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	56.72	0.0	0.0
LAB*Lab	56.72	0.0	0.0
LAB*TCh	50.0	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)

olv3*	0.25	0.5	0.522	(1.0)
cmyn3*	0.75	0.5	0.772	(0.0)
olv4*	1.0	1.0	1.0	(1.0)
cmyn4*	0.0	0.5	0.228	0.5

standard and adapted CIELAB

LAB*LAB	47.04	16.76	7.99
LAB*Lab	47.04	16.76	7.99
LAB*TCh	37.5	18.56	25.48

relative CIELAB lab*

lab*lab	0.375	0.226	0.108
lab*tch	0.375	0.25	0.071
lab*nch	0.0	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	0.0	0.25	0.099

relative Inform. Technology (IT)

olv3*	0.5	0.0	0.903	0.43
cmyn3*	0.5	0.0	0.903	0.43
olv4*	1.0	0.5	0.544	0.75
cmyn4*	0.0	0.5	0.456	0.25

standard and adapted CIELAB

LAB*LAB	56.71	33.52	15.97
LAB*Lab	56.71	33.52	15.97
LAB*TCh	50.0	37.13	25.48

relative CIELAB lab*

lab*lab	0.5	0.451	0.215
lab*tch	0.5	0.5	0.071
lab*nch	0.0	0.5	0.071

relative Natural Colour (NC)

lab*trj	0.5	0.5	0.0
lab*tce	0.5	0.5	0.0
lab*nce	0.0	0.5	0.099

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	56.71	67.02	31.94
LAB*Lab	56.71	67.02	31.94
LAB*TCh	50.0	74.24	25.48

relative CIELAB lab*

lab*lab	0.25	0.0	0.903	0.43
lab*tch	0.25	0.0	0.903	0.43
lab*nch	0.0	0.0	0.903	0.43

relative Natural Colour (NC)

lab*trj	0.25	0.0	0.0	0.0
lab*tce	0.25	0.0	0.0	0.0
lab*nce	0.0	0.0	0.0	0.0

relative Inform. Technology (IT)

olv3*	0.25	0.5	0.522	(1.0)
cmyn3*	0.75	0.5	0.772	(0.0)
olv4*	1.0	1.0	1.0	(1.0)
cmyn4*	0.0	0.5	0.228	0.5

standard and adapted CIELAB

LAB*LAB	47.04	16.76	7.99
LAB*Lab	47.04	16.76	7.99
LAB*TCh	37.5	18.56	25.48

relative CIELAB lab*

lab*lab	0.25	0.226	0.108
lab*tch	0.25	0.25	0.071
lab*nch	0.0	0.25	0.071

relative Natural Colour (NC)

lab*trj	0.25	0.25	0.0
lab*tce	0.25	0.25	0.0
lab*nce	0.0	0.25	0.099

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	18.03	0.0	0.0
LAB*Lab	18.03	0.0	0.0
LAB*TCh	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)

olv3*	0.25	0.0	0.022	(1.0)
cmyn3*	0.75	1.0	0.978	(0.0)
olv4*	1.0	0.75	0.772	0.25
cmyn4*	0.0	0.25	0.228	0.75

standard and adapted CIELAB

LAB*LAB	27.69	16.75	7.99
LAB*LAB _a	27.69	16.75	7.99

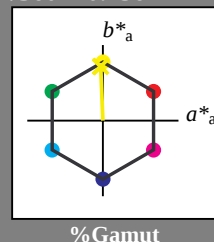
Input: Colorimetric Standard Reflective System SRS18

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

lab^*tch and lab^*nch

D65: hue J
LCH*Ma: 57 76 92
olv*Ma: 0.95 1.0 0.0

triangle lightness t^*



SRS18; adapted (a) CIELAB data

	$L^*=L_a^*$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	56.71	67.03	38.7	77.4	30
Y _{Ma}	56.71	0.0	77.4	77.4	90
L _{Ma}	56.71	-67.02	38.7	77.4	150
C _{Ma}	56.71	-67.02	-38.69	77.4	210
V _{Ma}	56.71	0.0	-77.39	77.4	270
M _{Ma}	56.71	67.03	-38.69	77.4	330
N _{Ma}	18.01	0.0	0.0	0.0	0
W _{Ma}	95.41	0.0	0.0	0.0	0
R _{CIE}	39.92	58.74	27.99	65.07	25
J _{CIE}	81.26	-2.88	71.56	71.62	92
G _{CIE}	52.23	-42.41	13.6	44.55	162
B _{CIE}	30.57	1.41	-46.46	46.49	272

%Regularity

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

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

1.00

0.75

$n^* = 0.00$

$n^* = 0.25$

$n^* = 0.50$

$n^* = 1.0$

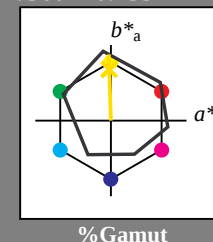
Output: Colorimetric Offset Reflective System ORS18

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

lab^*tch and lab^*nch

D65: hue J
LCH*Ma: 86 88 92
olv*Ma: 1.0 0.9 0.0

triangle lightness t^*



ORS18; adapted (a) CIELAB data

	$L^*=L_a^*$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	47.94	65.39	50.52	82.63	38
Y _{Ma}	90.37	-10.26	91.75	92.32	96
L _{Ma}	50.9	-62.83	34.96	71.91	151
C _{Ma}	58.62	-30.34	-45.01	54.3	236
V _{Ma}	25.72	31.1	-44.4	54.22	305
M _{Ma}	48.13	75.28	-8.36	75.74	354
N _{Ma}	18.01	0.0	0.0	0.0	0
W _{Ma}	95.41	0.0	0.0	0.0	0
R _{CIE}	39.92	58.66	26.98	64.57	25
J _{CIE}	81.26	-2.16	67.76	67.79	92
G _{CIE}	52.23	-42.25	11.76	43.87	164
B _{CIE}	30.57	1.15	-46.84	46.86	271

%Regularity

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

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

$n^* = 0.00$

$n^* = 0.25$

$n^* = 0.50$

$n^* = 1.0$

OE570-7, 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 OE57; Colorimetric systems SRS18 & ORS18

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

input: $cmY^*0^* setcmY^*color$

output: no change compared to input

See for similar files: <http://www.ps.bam.de/OE57/>
Technical information: <http://www.ps.bam.de> Version 2.1, io=0.0

Page count: 9

www.ps.bam.de/OE57/10Q/Q57E08NP.PS/.PDF; start output
N: No Output Linearization (OL) data in File (F), Startup (S) or Device (D)

Input: Colorimetric Standard Reflective System SRS18

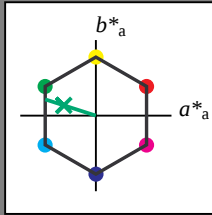
for hue $h^* = lab^*h = 162/360 = 0.451$
 lab^*tch and lab^*nch

D65: hue G

LCH*Ma: 57 70 162

olv*Ma: 0.0 1.0 0.22

triangle lightness t^*



SRS18; adapted (a) CIELAB data					
	$L^*=L_a^*$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	56.71	67.03	38.7	77.4	30
Y _{Ma}	56.71	0.0	77.4	77.4	90
L _{Ma}	56.71	-67.02	38.7	77.4	150
C _{Ma}	56.71	-67.02	-38.69	77.4	210
V _{Ma}	56.71	0.0	-77.39	77.4	270
M _{Ma}	56.71	67.03	-38.69	77.4	330
N _{Ma}	18.01	0.0	0.0	0.0	0
W _{Ma}	95.41	0.0	0.0	0.0	0
R _{CIE}	39.92	58.74	27.99	65.07	25
J _{CIE}	81.26	-2.88	71.56	71.62	92
G _{CIE}	52.23	-42.41	13.6	44.55	162
B _{CIE}	30.57	1.41	-46.46	46.49	272

%Regularity

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

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

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

relative Inform. Technology (IT)				
olv3*	0.75	1.0	0.806	(1.0)
cmyn3*	0.25	0.0	0.194	(0.0)
olv4*	0.75	1.0	0.806	1.0
cmyn4*	0.25	0.0	0.194	0.0
standard and adapted CIELAB				
LAB*LAB	85.73	-16.74	5.37	
LAB*LAB ₀	85.73	-16.74	5.37	
LAB*TC _{0.84}	87.5	17.50	162.73	

Input: Colorimetric Standard Reflective System SRS18

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

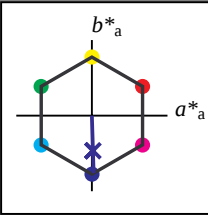
lab^*tch and lab^*nch

D65: hue B

LCH*Ma: 57 76 272

olv*Ma: 0.03 0.0 1.0

triangle lightness t^*



SRS18; adapted (a) CIELAB data					
	$L^*=L_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
OMa	56.71	67.03	38.7	77.4	30
YMa	56.71	0.0	77.4	77.4	90
LMa	56.71	-67.02	38.7	77.4	150
CMa	56.71	-67.02	-38.69	77.4	210
VMa	56.71	0.0	-77.39	77.4	270
NMa	56.71	67.03	-38.69	77.4	330
WMa	18.01	0.0	0.0	0.0	0
RCIE	39.92	58.74	27.99	65.07	25
JCIE	81.26	-2.88	71.56	71.62	92
GCIE	52.23	-42.41	13.6	44.55	162
BCIE	30.57	1.41	-46.46	46.49	272

%Regularity

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

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

relative Inform. Technology (IT)		
olv3*	1.0	1.0
olv4*	0.0	0.0
olv5*	0.0	0.0
cmyn3*	0.0	0.0
cmyn4*	0.0	0.0
cmyn5*	0.0	0.0
LAB*LAB	95.41	0.0
LAB*LABa	95.41	0.0
LAB*LABb	99.99	0.01

relative Inform. Technology (IT)		
olv3*	0.759	0.75
olv4*	0.241	0.25
olv5*	0.759	0.75
cmyn3*	0.241	0.25
cmyn4*	0.759	0.75
cmyn5*	0.241	0.25
LAB*LAB	85.73	0.58
LAB*LABa	85.73	0.58
LAB*LABb	97.5	19.02

relative Inform. Technology (IT)		
olv3*	0.759	0.75
olv4*	0.241	0.25
olv5*	0.759	0.75
cmyn3*	0.241	0.25
cmyn4*	0.759	0.75
cmyn5*	0.241	0.25
LAB*LAB	85.73	0.58
LAB*LABa	85.73	0.58
LAB*LABb	97.5	19.02

relative Inform. Technology (IT)		
olv3*	0.759	0.75
olv4*	0.241	0.25
olv5*	0.759	0.75
cmyn3*	0.241	0.25
cmyn4*	0.759	0.75
cmyn5*	0.241	0.25
LAB*LAB	85.73	0.58
LAB*LABa	85.73	0.58
LAB*LABb	97.5	19.02

relative Inform. Technology (IT)		
olv3*	0.759	0.75
olv4*	0.241	0.25
olv5*	0.759	0.75
cmyn3*	0.241	0.25
cmyn4*	0.759	0.75
cmyn5*	0.241	0.25
LAB*LAB	85.73	0.58
LAB*LABa	85.73	0.58
LAB*LABb	97.5	19.02

Output: Colorimetric Offset Reflective System ORS18

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

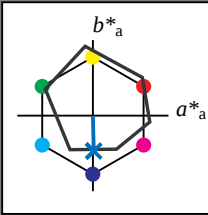
lab^*tch and lab^*nch

D65: hue B

LCH*Ma: 42 45 271

olv*Ma: 0.0 0.49 1.0

triangle lightness t^*



ORS18; adapted (a) CIELAB data					
	$L^*=L_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
OMa	47.94	65.39	50.52	82.63	38
YMa	90.37	-10.26	91.75	92.32	96
LMa	50.9	-62.83	34.96	71.91	151
CMa	58.62	-30.34	-45.01	54.3	236
VMa	25.72	31.1	-44.4	54.22	305
NMa	48.13	75.28	-8.36	75.74	354
WMa	18.01	0.0	0.0	0.0	0
RCIE	39.92	58.66	26.98	64.57	25
JCIE	81.26	-2.16	67.76	67.79	92
GCIE	52.23	-42.25	11.76	43.87	164
BCIE	30.57	1.15	-46.84	46.86	271

%Regularity

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

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

relative Inform. Technology (IT)		
olv3*	1.0	1.0
olv4*	0.0	0.0
olv5*	0.0	0.0
cmyn3*	0.0	0.0
cmyn4*	0.0	0.0
cmyn5*	0.0	0.0
LAB*LAB	95.41	0.0
LAB*LABa	95.41	0.0
LAB*LABb	99.99	0.01

relative Inform. Technology (IT)		
olv3*	0.759	0.75
olv4*	0.241	0.25
olv5*	0.759	0.75
cmyn3*	0.241	0.25
cmyn4*	0.759	0.75
cmyn5*	0.241	0.25
LAB*LAB	85.73	0.58
LAB*LABa	85.73	0.58
LAB*LABb	97.5	19.02

relative Inform. Technology (IT)		
olv3*	0.759	0.75
olv4*	0.241	0.25
olv5*	0.759	0.75
cmyn3*	0.241	0.25
cmyn4*	0.759	0.75
cmyn5*	0.241	0.25
LAB*LAB	85.73	0.58
LAB*LABa	85.73	0.58
LAB*LABb	97.5	19.02

relative Inform. Technology (IT)		
olv3*	0.759	0.75
olv4*	0.241	0.25
olv5*	0.759	0.75
cmyn3*	0.241	0.25
cmyn4*	0.759	0.75
cmyn5*	0.241	0.25
LAB*LAB	85.73	0.58
LAB*LABa	85.73	0.58
LAB*LABb	97.5	19.02

relative Inform. Technology (IT)		
olv3*	0.759	0.75
olv4*	0.241	0.25
olv5*	0.759	0.75
cmyn3*	0.241	0.25
cmyn4*	0.759	0.75
cmyn5*	0.241	0.25
LAB*LAB	85.73	0.58
LAB*LABa	85.73	0.58
LAB*LABb	97.5	19.02

blackness $n^* = 0.00$

blackness $n^* = 0.25$

blackness $n^* = 0.50$

blackness $n^* = 0.75$

blackness $n^* = 1.00$

blackness $n^* = 1.00$

blackness $n^* = 1.00$

blackness $n^* = 1.00$

blackness $n^* = 1.00$

blackness $n^* = 1.00$

blackness $n^* = 1.00$

blackness $n^* = 1.00$

blackness $n^* = 1.00$

blackness $n^* = 1.00$

blackness $n^* = 1.00$

blackness $n^* = 1.00$

blackness $n^* = 1.00$

blackness $n^* = 0.00$

blackness $n^* = 0.25$

blackness $n^* = 0.50$

blackness $n^* = 0.75$

blackness $n^* = 1.00$

blackness $n^* = 1.00$

blackness $n^* = 1.00$

blackness $n^* = 1.00$

blackness $n^* = 1.00$

blackness $n^* = 1.00$

blackness $n^* = 1.00$

blackness $n^* = 1.00$

blackness $n^* = 1.00$

blackness $n^* = 1.00$

blackness $n^* = 1.00$

blackness $n^* = 1.00$

blackness $n^* = 1.00$

BAM-test chart OE57; Colorimetric systems SRS18 & ORS18

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

input: $cmv0^* setcmvcolor$

output: no change compared to input