

Input: Colorimetric Reflective System MRS18

for hue $h^* = lab^*h = 94/360 = 0.261$

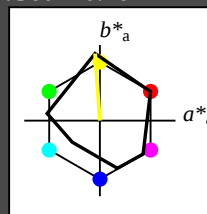
lab^*tch and lab^*nch

D65: hue J

LCH*Ma: 91 89 94

rgb*Ma: 1.0 1.0 0.0

triangle lightness t^*



MRS18; adapted (a) CIELAB data

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
RMa	49.63	66.96	38.37	77.18	30
JMa	90.7	-6.36	88.75	88.98	94
GMa	52.11	-69.73	9.44	70.37	172
G50BMa	45.03	-36.57	-28.47	46.36	218
BMa	36.65	23.19	-63.05	67.18	290
B50RMa	34.94	57.17	-44.26	72.31	322
NMa	18.01	0.0	0.0	0.0	0
WMa	95.41	0.0	0.0	0.0	0
RCIE	39.92	58.66	26.98	64.56	25
JCIE	81.26	-2.17	67.76	67.79	92
GCIE	52.23	-42.26	11.75	43.87	164
BCIE	30.57	1.15	-46.84	46.87	271

$\% Regularity$

$g^*_{H,rel} = 41$

$g^*_{C,rel} = 52$

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

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

relative Inform. Technology (IT)
olvi3* 1.0 1.0 0.5 (1.0)
cmyn3* 0.0 0.0 0.5 (0.0)
olvi4* 1.0 1.0 0.5 (1.0)
cmyn4* 0.0 0.0 0.5 (0.0)
standard and adapted CIELAB
LAB*LAB 94.22 -2.54 26.86
LAB*LABa 94.22 -1.58 22.18
LAB*TCHa 97.5 22.24 94.1

relative CIELAB lab*
lab*lab 0.985 -0.017 0.249
lab*tch 0.875 0.25 0.261
lab*nch 0.0 0.25 0.261
relative Natural Colour (NC)
lab*trj 0.985 -0.011 0.25
lab*tce 0.875 0.25 0.261
lab*nce 0.0 0.25 0.261

relative Inform. Technology (IT)
olvi3* 0.75 0.75 0.75 (1.0)
cmyn3* 0.25 0.25 0.25 (0.0)
olvi4* 1.0 1.0 1.0 (1.0)
cmyn4* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 76.06 -0.6 3.44
LAB*LABa 76.06 0.0 3.44
LAB*TCHa 75.0 0.01 0.0

relative CIELAB lab*
lab*lab 0.75 0.75 0.75 (1.0)
lab*tch 0.75 0.75 0.75 (1.0)
lab*nch 0.0 0.75 0.75 (1.0)
relative Natural Colour (NC)
lab*trj 0.75 0.75 0.75 (1.0)
lab*tce 0.75 0.75 0.75 (1.0)
lab*nce 0.0 0.75 0.75 (1.0)

relative Inform. Technology (IT)
olvi3* 0.75 0.75 0.25 (1.0)
cmyn3* 0.25 0.25 0.75 (0.0)
olvi4* 1.0 1.0 0.75 (0.5)
cmyn4* 0.0 0.0 0.75 (0.5)
standard and adapted CIELAB
LAB*LAB 93.05 -4.11 48.97
LAB*LABa 93.05 -3.17 44.37
LAB*TCHa 75.0 44.48 94.1

relative CIELAB lab*
lab*lab 0.969 -0.035 0.499
lab*tch 0.75 0.5 0.261
lab*nch 0.0 0.5 0.261
relative Natural Colour (NC)
lab*trj 0.969 -0.023 0.499
lab*tce 0.75 0.5 0.261
lab*nce 0.0 0.5 0.261

relative Inform. Technology (IT)
olvi3* 0.75 0.75 0.5 (1.0)
cmyn3* 0.5 0.5 0.5 (0.0)
olvi4* 1.0 1.0 0.5 (0.5)
cmyn4* 0.0 0.0 0.5 (0.5)
standard and adapted CIELAB
LAB*LAB 56.71 -0.23 2.14
LAB*LABa 56.71 0.0 2.14
LAB*TCHa 50.0 0.01 0.0

relative CIELAB lab*
lab*lab 0.75 0.75 0.5 (1.0)
lab*tch 0.625 0.25 0.261
lab*nch 0.25 0.25 0.261
relative Natural Colour (NC)
lab*trj 0.75 0.75 0.5 (1.0)
lab*tce 0.625 0.25 0.261
lab*nce 0.25 0.25 0.261

relative Inform. Technology (IT)
olvi3* 0.75 0.75 0.25 (1.0)
cmyn3* 0.25 0.25 0.75 (0.0)
olvi4* 1.0 1.0 0.75 (0.5)
cmyn4* 0.0 0.0 0.75 (0.5)
standard and adapted CIELAB
LAB*LAB 74.88 -2.17 25.56
LAB*LABa 74.88 -1.58 22.19
LAB*TCHa 62.5 22.24 94.1

relative CIELAB lab*
lab*lab 0.959 -0.023 0.499
lab*tch 0.75 0.5 0.261
lab*nch 0.0 0.5 0.261
relative Natural Colour (NC)
lab*trj 0.959 -0.023 0.499
lab*tce 0.75 0.5 0.261
lab*nce 0.0 0.5 0.261

relative Inform. Technology (IT)
olvi3* 0.5 0.5 0.5 (1.0)
cmyn3* 0.5 0.5 0.5 (0.0)
olvi4* 1.0 1.0 0.5 (0.5)
cmyn4* 0.0 0.0 0.5 (0.5)
standard and adapted CIELAB
LAB*LAB 56.71 -0.23 2.14
LAB*LABa 56.71 0.0 2.14
LAB*TCHa 50.0 0.01 0.0

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

relative Inform. Technology (IT)
olvi3* 0.5 0.5 0.25 (1.0)
cmyn3* 0.25 0.25 0.75 (0.0)
olvi4* 1.0 1.0 0.75 (0.5)
cmyn4* 0.0 0.0 0.75 (0.5)
standard and adapted CIELAB
LAB*LAB 73.7 -3.74 47.67
LAB*LABa 73.7 -3.17 44.38
LAB*TCHa 50.0 44.49 94.1

relative CIELAB lab*
lab*lab 0.939 -0.071 0.997
lab*tch 0.5 0.5 0.261
lab*nch 0.0 0.5 0.261
relative Natural Colour (NC)
lab*trj 0.939 -0.048 0.999
lab*tce 0.5 0.5 0.261
lab*nce 0.0 0.5 0.261

relative Inform. Technology (IT)
olvi3* 0.25 0.25 0.25 (1.0)
cmyn3* 0.75 0.75 0.75 (0.0)
olvi4* 1.0 1.0 0.25 (0.25)
cmyn4* 0.0 0.0 0.25 (0.25)
standard and adapted CIELAB
LAB*LAB 37.36 -0.33 0.63
LAB*LABa 37.36 0.0 0.63
LAB*TCHa 25.0 0.01 0.0

relative CIELAB lab*
lab*lab 0.485 -0.053 0.748
lab*tch 0.375 0.25 0.261
lab*nch 0.25 0.25 0.261
relative Natural Colour (NC)
lab*trj 0.485 -0.011 0.25
lab*tce 0.375 0.25 0.261
lab*nce 0.25 0.25 0.261

relative Inform. Technology (IT)
olvi3* 0.5 0.5 0.5 (1.0)
cmyn3* 0.5 0.5 0.5 (0.0)
olvi4* 1.0 1.0 0.5 (0.5)
cmyn4* 0.0 0.0 0.5 (0.5)
standard and adapted CIELAB
LAB*LAB 55.5 -1.8 24.26
LAB*LABa 55.5 -1.58 22.19
LAB*TCHa 37.5 22.24 94.1

relative CIELAB lab*
lab*lab 0.704 -0.053 0.748
lab*tch 0.375 0.25 0.261
lab*nch 0.25 0.25 0.261
relative Natural Colour (NC)
lab*trj 0.704 -0.036 0.749
lab*tce 0.625 0.25 0.261
lab*nce 0.25 0.25 0.261

relative Inform. Technology (IT)
olvi3* 0.25 0.25 0.25 (1.0)
cmyn3* 0.75 0.75 0.75 (0.0)
olvi4* 1.0 1.0 0.25 (0.25)
cmyn4* 0.0 0.0 0.25 (0.25)
standard and adapted CIELAB
LAB*LAB 37.36 -0.33 0.63
LAB*LABa 37.36 0.0 0.63
LAB*TCHa 25.0 0.01 0.0

relative CIELAB lab*
lab*lab 0.485 -0.053 0.748
lab*tch 0.375 0.25 0.261
lab*nch 0.25 0.25 0.261
relative Natural Colour (NC)
lab*trj 0.485 -0.011 0.25
lab*tce 0.375 0.25 0.261
lab*nce 0.25 0.25 0.261

relative Inform. Technology (IT)
olvi3* 0.5 0.5 0.25 (1.0)
cmyn3* 0.25 0.25 0.75 (0.0)
olvi4* 1.0 1.0 0.75 (0.5)
cmyn4* 0.0 0.0 0.75 (0.5)
standard and adapted CIELAB
LAB*LAB 73.7 -3.74 47.67
LAB*LABa 73.7 -3.17 44.38
LAB*TCHa 50.0 44.49 94.1

relative CIELAB lab*
lab*lab 0.939 -0.071 0.997
lab*tch 0.5 0.5 0.261
lab*nch 0.0 0.5 0.261
relative Natural Colour (NC)
lab*trj 0.939 -0.048 0.999
lab*tce 0.5 0.5 0.261
lab*nce 0.0 0.5 0.261

relative Inform. Technology (IT)
olvi3* 0.25 0.25 0.25 (1.0)
cmyn3* 0.75 0.75 0.75 (0.0)
olvi4* 1.0 1.0 0.25 (0.25)
cmyn4* 0.0 0.0 0.25 (0.25)
standard and adapted CIELAB
LAB*LAB 37.36 -0.33 0.63
LAB*LABa 37.36 0.0 0.63
LAB*TCHa 25.0 0.01 0.0

relative CIELAB lab*
lab*lab 0.485 -0.053 0.748
lab*tch 0.375 0.25 0.261
lab*nch 0.25 0.25 0.261
relative Natural Colour (NC)
lab*trj 0.485 -0.011 0.25
lab*tce 0.375 0.25 0.261
lab*nce 0.25 0.25 0.261

relative Inform. Technology (IT)
olvi3* 0.5 0.5 0.5 (1.0)
cmyn3* 0.5 0.5 0.5 (0.0)
olvi4* 1.0 1.0 0.5 (0.5)
cmyn4* 0.0 0.0 0.5 (0.5)
standard and adapted CIELAB
LAB*LAB 55.5 -1.8 24.26
LAB*LABa 55.5 -1.58 22.19
LAB*TCHa 37.5 22.24 94.1

relative CIELAB lab*
lab*lab 0.704 -0.053 0.748
lab*tch 0.375 0.25 0.261
lab*nch 0.25 0.25 0.261
relative Natural Colour (NC)
lab*trj 0.704 -0.036 0.749
lab*tce 0.625 0.25 0.261
lab*nce 0.25 0.25 0.261

relative Inform. Technology (IT)
olvi3* 0.25 0.25 0.25 (1.0)
cmyn3* 0.75 0.75 0.75 (0.0)
olvi4* 1.0 1.0 0.25 (0.25)
cmyn4* 0.0 0.0 0.25 (0.25)
standard and adapted CIELAB
LAB*LAB 37.36 -0.33 0.63
LAB*LABa 37.36 0.0 0.63
LAB*TCHa 25.0 0.01 0.0

relative CIELAB lab*
lab*lab 0.485 -0.053 0.748
lab*tch 0.375 0.25 0.261
lab*nch 0.25 0.25 0.261
relative Natural Colour (NC)
lab*trj 0.485 -0.011 0.25
lab*tce 0.375 0.25 0.261
lab*nce 0.25 0.25 0.261

relative Inform. Technology (IT)
olvi3* 0.5 0.5 0.25 (1.0)
cmyn3* 0.25 0.25 0.75 (0.0)
olvi4* 1.0 1.0 0.75 (0.5)
cmyn4* 0.0 0.0 0.75 (0.5)
standard and adapted CIELAB
LAB*LAB 73.7 -3.74 47.67
LAB*LABa 73.7 -3.17 44.38
LAB*TCHa 50.0 44.49 94.1

relative CIELAB lab*
lab*lab 0.939 -0.071 0.997
lab*tch 0.5 0.5 0.261
lab*nch 0.0 0.5 0.261
relative Natural Colour (NC)
lab*trj 0.939 -0.048 0.999
lab*tce 0.5 0.5 0.261
lab*nce 0.0 0.5 0.261

relative Inform. Technology (IT)
olvi3* 0.25 0.25 0.25 (1.0)
cmyn3* 0.75 0.75 0.75 (0.0)
olvi4* 1.0 1.0 0.25 (0.25)
cmyn4* 0.0 0.0 0.25 (0.25)
standard and adapted CIELAB
LAB*LAB 37.36 -0.33 0.63
LAB*LABa 37.36 0.0 0.63
LAB*TCHa 25.0 0.01 0.0

relative CIELAB lab*
lab*lab 0.485 -0.053 0.748
lab*tch 0.375 0.25 0.261
lab*nch 0.25 0.25 0.261
relative Natural Colour (NC)
lab*trj 0.485 -0.011 0.25
lab*tce 0.375 0.25 0.261
lab*nce 0.25 0.25 0.261

relative Inform. Technology (IT)
olvi3* 0.5 0.5 0.5 (1.0)
cmyn3* 0.5 0.5 0.5 (0.0)
olvi4* 1.0 1.0 0.5 (0.5)
cmyn4* 0.0 0.0 0.5 (0.5)
standard and adapted CIELAB
LAB*LAB 55.5 -1.8 24.26
LAB*LABa 55.5 -1.58 22.19
LAB*TCHa 37.5 22.24 94.1

relative CIELAB lab*
lab*lab 0.704 -0.053 0.748
lab*tch 0.375 0.25 0.261
lab*nch 0.25 0.25 0.261
relative Natural Colour (NC)
lab*trj 0.704 -0.036 0.749
lab*tce 0.625 0.25 0.261
lab*nce 0.25 0.25 0.261

relative Inform. Technology (IT)
olvi3* 0.25 0.25 0.25 (1.0)
cmyn3* 0.75 0.75 0.75 (0.0)
olvi4* 1.0 1.0 0.25 (0.25)
cmyn4* 0.0 0.0 0.25 (0.25)
standard and adapted CIELAB
LAB*LAB 37.36 -0.33 0.63
LAB*LABa 37.36 0.0 0.63
LAB*TCHa 25.0 0.01 0.0

relative CIELAB lab*
lab*lab 0.485 -0.053 0.748
lab*tch 0.375 0.25 0.261
lab*nch 0.25 0.25 0.261
relative Natural Colour (NC)
lab*trj 0.485 -0.011 0.25
lab*tce 0.375 0.25 0.261
lab*nce 0.25 0.25 0.261

relative Inform. Technology (IT)
olvi3* 0.5 0.5 0.25 (1.0)
cmyn3* 0.25 0.25 0.75 (0.0)
olvi4* 1.0 1.0 0.75 (0.5)
cmyn4* 0.0 0.0 0.75 (0.5)
standard and adapted CIELAB
LAB*LAB 73.7 -3.74 47.67
LAB*LABa 73.7 -3.17 44.38
LAB*TCHa 50.0 44.49 94.1

relative CIELAB lab*
lab*lab 0.939 -0.071 0.997
lab*tch 0.5 0.5 0.261
lab*nch 0.0 0.5 0.261
relative Natural Colour (NC)
lab*trj 0.939 -0.048 0.999
lab*tce 0.5 0.5 0.261
lab*nce 0.0 0.5 0.261

Output: Colorimetric Reflective System ORS18

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

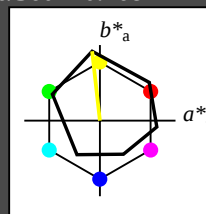
lab^*tch and lab^*nch

D65: hue Y

LCH*Ma: 90 92 96

rgb*Ma: 1.0 1.0 0.0

triangle lightness t^*



ORS18; adapted (a) CIELAB data

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

$\% Regularity$

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

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

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

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

relative Inform. Technology (IT)
olvi3* 1.0 1.0 0.5 (1.0)
cmyn3* 0.0 0.0 0.5 (0.0)
olvi4* 1.0 1.0 0.5 (1.0)
cmyn4* 0.0 0.0 0.5 (0.0)
standard and adapted CIELAB
LAB*LAB 94.14 -3.51 27.61
LAB*LABa 94.14 -2.56 22.93
LAB*TCHa 87.5 23.08 96.39

relative CIELAB lab*
lab*lab 0.984 -0.027 0.248
lab*tch 0.875 0.25 0.268
lab*nch 0.0 0.25 0.268
relative Natural Colour (NC)
lab*trj 0.984 -0.024 0.249
lab*tce 0.875 0.25 0.268
lab*nce 0.0 0.25 0.268

relative Inform. Technology (IT)
olvi3* 0.75 0.75 0.75 (1.0)
cmyn3* 0.25 0.25 0.25 (0.0)
olvi4* 1.0 1.0 1.0 (1.0)
cmyn4* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 76.06 -0.6 3.44
LAB*LABa 76.06 0.0 3.44
LAB*TCHa 75.0 0.01 0.0

relative CIELAB lab*
lab*lab 0.75 0.75 0.75 (1.0)
lab*tch 0.75 0.75 0.75 (1.0)
lab*nch 0.0 0.75 0.75 (1.0)
relative Natural Colour (NC)
lab*trj 0.75 0.75 0.75 (1.0)
lab*tce 0.75 0.75 0.75 (1.0)
lab*nce 0.0 0.75 0.75 (1.0)

relative Inform. Technology (IT)
olvi3* 0.75 0.75 0.25 (1.0)
cmyn3* 0.25 0.25 0.75 (0.0)
olvi4* 1.0 1.0 0.75 (0.5)
cmyn4* 0.0 0.0 0.75 (0.5)
standard and adapted CIELAB
LAB*LAB 93.05 -4.11 48.97
LAB*LABa 93.05 -3.17 44.37
LAB*TCHa 75.0 44.48 94.1

relative CIELAB lab*
lab*lab 0.967 -0.055 0.497
lab*tch 0.75 0.5 0.268
lab*nch 0.0 0.5 0.268
relative Natural Colour (NC)
lab*trj 0.967 -0.048 0.497
lab*tce 0.75 0.5 0.268
lab*nce 0.0 0.5 0.268

relative Inform. Technology (IT)
olvi3* 0.75 0.75 0.5 (1.0

Input: Colorimetric Reflective System MRS18

for hue $h^* = lab^*h = 290/360 = 0.806$

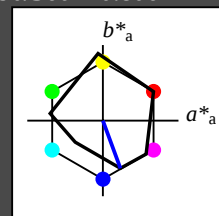
lab^*tch and lab^*nch

D65: hue B

LCH*Ma: 37 67 290

rgb*Ma: 0.0 0.0 1.0

triangle lightness t^*



% Gamut

$u^*_{rel} = 91$

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

relative Inform. Technology (IT)	
olvi3*	0.75 0.75 0.75 (1.0)
olvi4*	0.25 0.25 0.25 (0.0)
olvi5*	1.0 1.0 1.0 (1.0)
olvi6*	0.0 0.0 0.0 (0.0)
olvi7*	0.0 0.0 0.0 (0.0)
olvi8*	0.0 0.0 0.0 (0.0)
olvi9*	0.0 0.0 0.0 (0.0)
olvi10*	0.0 0.0 0.0 (0.0)
olvi11*	0.0 0.0 0.0 (0.0)
olvi12*	0.0 0.0 0.0 (0.0)
olvi13*	0.0 0.0 0.0 (0.0)
olvi14*	0.0 0.0 0.0 (0.0)
olvi15*	0.0 0.0 0.0 (0.0)
olvi16*	0.0 0.0 0.0 (0.0)
olvi17*	0.0 0.0 0.0 (0.0)
olvi18*	0.0 0.0 0.0 (0.0)
olvi19*	0.0 0.0 0.0 (0.0)
olvi20*	0.0 0.0 0.0 (0.0)

relative Inform. Technology (IT)	
olvi3*	0.75 0.75 0.75 (1.0)
olvi4*	0.25 0.25 0.25 (0.0)
olvi5*	1.0 1.0 1.0 (1.0)
olvi6*	0.0 0.0 0.0 (0.0)
olvi7*	0.0 0.0 0.0 (0.0)
olvi8*	0.0 0.0 0.0 (0.0)
olvi9*	0.0 0.0 0.0 (0.0)
olvi10*	0.0 0.0 0.0 (0.0)
olvi11*	0.0 0.0 0.0 (0.0)
olvi12*	0.0 0.0 0.0 (0.0)
olvi13*	0.0 0.0 0.0 (0.0)
olvi14*	0.0 0.0 0.0 (0.0)
olvi15*	0.0 0.0 0.0 (0.0)
olvi16*	0.0 0.0 0.0 (0.0)
olvi17*	0.0 0.0 0.0 (0.0)
olvi18*	0.0 0.0 0.0 (0.0)
olvi19*	0.0 0.0 0.0 (0.0)
olvi20*	0.0 0.0 0.0 (0.0)

relative Inform. Technology (IT)	
olvi3*	0.75 0.75 0.75 (1.0)
olvi4*	0.25 0.25 0.25 (0.0)
olvi5*	1.0 1.0 1.0 (1.0)
olvi6*	0.0 0.0 0.0 (0.0)
olvi7*	0.0 0.0 0.0 (0.0)
olvi8*	0.0 0.0 0.0 (0.0)
olvi9*	0.0 0.0 0.0 (0.0)
olvi10*	0.0 0.0 0.0 (0.0)
olvi11*	0.0 0.0 0.0 (0.0)
olvi12*	0.0 0.0 0.0 (0.0)
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olvi14*	0.0 0.0 0.0 (0.0)
olvi15*	0.0 0.0 0.0 (0.0)
olvi16*	0.0 0.0 0.0 (0.0)
olvi17*	0.0 0.0 0.0 (0.0)
olvi18*	0.0 0.0 0.0 (0.0)
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olvi20*	0.0 0.0 0.0 (0.0)

relative Inform. Technology (IT)	
olvi3*	0.75 0.75 0.75 (1.0)
olvi4*	0.25 0.25 0.25 (0.0)
olvi5*	1.0 1.0 1.0 (1.0)
olvi6*	0.0 0.0 0.0 (0.0)
olvi7*	0.0 0.0 0.0 (0.0)
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olvi9*	0.0 0.0 0.0 (0.0)
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olvi20*	0.0 0.0 0.0 (0.0)

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olvi3*	0.75 0.75 0.75 (1.0)
olvi4*	0.25 0.25 0.25 (0.0)
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relative Inform. Technology (IT)	
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olvi18*	0.0 0.0 0.0 (0.0)
olvi19*	0.0 0.0 0.0 (0.0)
olvi20*	0.0 0.0 0.0 (0.0)

UE55-7, 5 step scales for constant CIELAB hue 290/360 = 0.806 (left)

5 step scales for constant CIELAB hue 305/360 = 0.847 (right)

BAM-test chart UE55; Colorimetric systems MRS18 & ORS18

input: $cmv0^* \text{ setcmvcolor}$

output: $olv^* \text{ setrgbcolor} / w^* \text{ setgray}$

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

output: $olv^* \text{ setrgbcolor} / w^* \text{ setgray}$

UE55-7, 5 step scales for constant CIELAB hue 290/360 = 0.806 (left)

5 step scales for constant CIELAB hue 305/360 = 0.847 (right)

BAM-test chart UE55; Colorimetric systems MRS18 & ORS18

input: $cmv0^* \text{ setcmvcolor}$

output: $olv^* \text{ setrgbcolor} / w^* \text{ setgray}$

Input: Colorimetric Reflective System MRS18

for hue $h^* = lab^*h = 322/360 = 0.895$

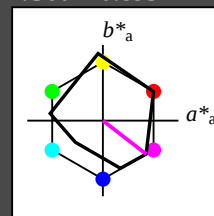
lab^*tch and lab^*nch

D65: hue B50R

LCH*Ma: 35 72 322

rgb*Ma: 1.0 0.0 1.0

triangle lightness t^*



% Gamut

$u^*_{rel} = 91$

MRS18; adapted (a) CIELAB data

	$L^* = L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
RMa	49.63	66.96	38.37	77.18	30
GMa	90.7	-6.36	88.75	88.98	94
GMa	52.11	-69.73	9.44	70.37	172
G50BMa	45.03	-36.57	-28.47	46.36	218
BMa	36.65	23.19	-63.05	67.18	290
B50RMa	34.94	57.17	-44.26	72.31	322
NMa	18.01	0.0	0.0	0.0	0
WMa	95.41	0.0	0.0	0.0	0
RCIE	39.92	58.66	26.98	64.56	25
JCIE	81.26	-2.17	67.76	67.79	92
GCIE	52.23	-42.26	11.75	43.87	164
BCIE	30.57	1.15	-46.84	46.87	271

% Regularity

$g^*_{H,rel} = 41$

$g^*_{C,rel} = 52$

1.00

0.75

$n^* = 0.00$

0.25

$n^* = 0.25$

blackness n^*

chromaticness c^*

$n^* = 1.0$

Output: Colorimetric Reflective System ORS18

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

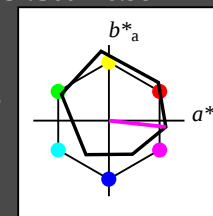
lab^*tch and lab^*nch

D65: hue M

LCH*Ma: 48 76 354

rgb*Ma: 1.0 0.0 1.0

triangle lightness t^*



% Gamut

$u^*_{rel} = 93$

ORS18; adapted (a) CIELAB data

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

% Regularity

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

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

1.00

0.75

$n^* = 0.00$

0.25

$n^* = 0.25$

blackness n^*

chromaticness c^*

$n^* = 1.0$

UE550-7, 5 step scales for constant CIELAB hue 322/360 = 0.895 (left)

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

BAM-test chart UE55; Colorimetric systems MRS18 & ORS18

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

input: $cmY0^* \text{ set } cmYkcolor$

output: $olv^* \text{ set } rgbcolor / w^* \text{ set } gray$

Input: Colorimetric Reflective System MRS18

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

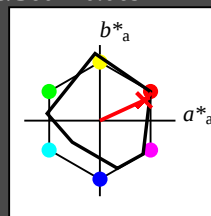
lab^*tch and lab^*nch

D65: hue R

LCH*Ma: 48 73 25

rgb*Ma: 1.0 0.0 0.1

triangle lightness t^*



% Gamut

$u^*_{rel} = 91$

relative Inform. Technology (IT)

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

relative Inform. Technology (IT)

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

LAB*TCHa	87.5	18.16	24.69
relative CIELAB lab*			
lab*lab	0.847	0.227	0.104
lab*tch	0.875	0.25	0.069
lab*nc	0.0	0.25	0.069
relative Natural Colour (NC)			
lab*lrj	0.847	0.25	0.0
lab*tce	0.875	0.25	1.0
lab*nce	0.0	0.25	b99r

Input: Colorimetric Reflective System MRS18

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

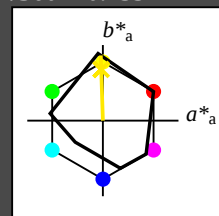
lab^*tch and lab^*nch

D65: hue J

LCH*Ma: 89 86 92

rgb*Ma: 1.0 0.95 0.0

triangle lightness t^*



% Gamut

$u^*_{rel} = 91$

relative Inform. Technology (IT)

olvi3*	1.0	1.0	1.0	(1.0)
cmyn3*	0.0	0.0	0.0	(0.0)
olvi4*	1.0	1.0	1.0	(1.0)
cmyn4*	0.0	0.0	0.0	(0.0)
standard and adapted CIELAB				
LAB*LAB	95.41	-0.97	4.75	
LAB*LABa	95.41	0.0	0.0	
LAB*LABb	99.99	0.01	0.0	

relative CIELAB lab*

lab*lab	1.0	0.0	0.0	
lab*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)

olvi3*	0.75	0.75	0.75	(1.0)
cmyn3*	0.25	0.25	0.25	(0.0)
olvi4*	1.0	1.0	1.0	(1.0)
cmyn4*	0.0	0.0	0.0	(0.0)
standard and adapted CIELAB				
LAB*LAB	76.06	-0.6	3.44	
LAB*LABa	76.06	0.0	0.0	
LAB*LABb	75.00	0.01	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	
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)

olvi3*	0.5	0.5	0.5	(0.0)
cmyn3*	0.5	0.5	0.5	(0.0)
olvi4*	1.0	1.0	1.0	(1.0)
cmyn4*	0.0	0.0	0.0	(0.0)
standard and adapted CIELAB				
LAB*LAB	56.71	-0.23	2.14	
LAB*LABa	56.71	0.0	0.0	
LAB*LABb	50.00	0.01	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	
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)

olvi3*	0.25	0.25	0.25	(1.0)
cmyn3*	0.75	0.75	0.75	(0.0)
olvi4*	1.0	1.0	1.0	(1.0)
cmyn4*	0.0	0.0	0.0	(0.0)
standard and adapted CIELAB				
LAB*LAB	37.36	-0.38	0.63	
LAB*LABa	37.36	0.0	0.0	
LAB*LABb	25.00	0.01	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	
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)

olvi3*	0.0	0.0	0.0	(1.0)
cmyn3*	1.0	1.0	1.0	(0.0)
olvi4*	1.0	1.0	1.0	(1.0)
cmyn4*	0.0	0.0	0.0	(0.0)
standard and adapted CIELAB				
LAB*LAB	18.02	0.0	0.46	
LAB*LABa	18.02	0.0	0.0	
LAB*LABb	0.01	0.01	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	
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)

olvi3*	0.0	0.0	0.0	(1.0)
cmyn3*	1.0	1.0	1.0	(0.0)
olvi4*	1.0	1.0	1.0	(1.0)
cmyn4*	0.0	0.0	0.0	(0.0)
standard and adapted CIELAB				
LAB*LAB	18.02	0.0	0.46	
LAB*LABa	18.02	0.0	0.0	
LAB*LABb	0.01	0.01	0.0	

UE550-7, 5 step scales for constant CIELAB hue 92/360 = 0.255 (left)

MRS18; adapted (a) CIELAB data

$L^*=L^*_a$ a^*_a b^*_a $C^*_{ab,a}$ $h^*_{ab,a}$

RMa	49.63	66.96	38.37	77.18	30
JMa	90.7	-6.36	88.75	88.98	94
GMa	52.11	-69.73	9.44	70.37	172
G50BMa	45.03	-36.57	-28.47	46.36	218
BMa	36.65	23.19	-63.05	67.18	290
B50RMa	34.94	57.17	-44.26	72.31	322
NMa	18.01	0.0	0.0	0.0	0
WMa	95.41	0.0	0.0	0.0	0
RCIE	39.92	58.66	26.98	64.56	25
JCIE	81.26	-2.17	67.76	67.79	92
GCIE	52.23	-42.26	11.75	43.87	164
BCIE	30.57	1.15	-46.84	46.87	271

% Regularity

$g^*_{H,rel} = 41$

$g^*_{C,rel} = 52$

relative Inform. Technology (IT)

olvi3*	1.0	0.988	0.75	(1.0)
cmyn3*	0.0	0.012	0.25	(0.0)
olvi4*	1.0	0.988	0.75	(1.0)
cmyn4*	0.0	0.012	0.25	(0.0)
standard and adapted CIELAB				
LAB*LAB	93.72	-1.64	26.21	
LAB*LABa	93.72	-0.69	21.57	
LAB*LABb	87.5	21.58	91.86	

relative CIELAB lab*

lab*lab	0.978	-0.007	0.25	
lab*lab	0.978	0.25	0.255	
lab*lab	0.978	0.25	0.255	
lab*lab	0.978	0.25	0.255	
relative Natural Colour (NC)				
lab*lab	0.978	0.25	0.255	
lab*lab	0.978	0.25	0.255	
lab*lab	0.978	0.25	0.255	

relative Inform. Technology (IT)

olvi3*	0.75	0.726	0.25	(1.0)
cmyn3*	0.25	0.274	0.75	(0.0)
olvi4*	1.0	0.988	0.75	(1.0)
cmyn4*	0.0	0.012	0.25	(0.0)
standard and adapted CIELAB				
LAB*LAB	74.38	-1.26	24.91	
LAB*LABa	74.38	-0.68	21.57	
LAB*LABb	62.5	21.58	91.84	

relative CIELAB lab*

lab*lab	0.726	-0.007	0.25	
lab*lab	0.726	0.25	0.255	
lab*lab	0.726	0.25	0.255	
lab*lab	0.726	0.25	0.255	
relative Natural Colour (NC)				
lab*lab	0.726	0.25	0.255	
lab*lab	0.726	0.25	0.255	
lab*lab	0.726	0.25	0.255	

relative Inform. Technology (IT)

olvi3*	0.5	0.512	0.75	(0.0)
cmyn3*	0.5	0.488	0.25	(1.0)
olvi4*	1.0	0.988	0.75	(1.0)
cmyn4*	0.0	0.012	0.25	(0.0)
standard and adapted CIELAB				
LAB*LAB	55.03	-0.89	23.16	
LAB*LABa	55.03	-0.68	21.57	
LAB*LABb	37.5	21.58	91.84	

relative CIELAB lab*

lab*lab	0.478	-0.007	0.25	
lab*lab	0.478	0.25	0.255	
lab*lab	0.478	0.25	0.255	
lab*lab	0.478	0.25	0.255	
relative Natural Colour (NC)				
lab*lab	0.478	0.25	0.255	
lab*lab	0.478	0.25	0.255	
lab*lab	0.478	0.25	0.255	

relative Inform. Technology (IT)

olvi3*	0.25	0.25	0.25	(1.0)
cmyn3*	0.75	0.762	0.75	(0.0)
olvi4*	1.0	0.988	0.75	(1.0)
cmyn4*	0.0	0.012	0.25	(0.0)
standard and adapted CIELAB				
LAB*LAB	33.58	-0.52	22.29	
LAB*LABa	33.58	-0.68	21.56	
LAB*LABb	12.5	21.57	91.84	

relative CIELAB lab*

lab*lab	0.228	-0.007	0.25	
lab*lab	0.228	0.25	0.255	
lab*lab	0.228	0.25	0.255	
lab*lab	0.228	0.25	0.255	
relative Natural Colour (NC)				
lab*lab	0.228	0.25	0.255	
lab*lab	0.228	0.25	0.255	
lab*lab	0.228	0.25	0.255	

relative Inform. Technology (IT)

olvi3*	0.0	0.0	0.0	(1.0)
cmyn3*	1.0	1.0	1.0	(0.0)
olvi4*	1.0	1.0	1.0	(1.0)
cmyn4*	0.0	0.0	0.0	(0.0)
standard and adapted CIELAB				
LAB*LAB	18.02	0.0	0.46	
LAB*LABa	18.02	0.0	0.0	
LAB*LABb	0.01	0.01	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	
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)

olvi3*	1.0	0.963	0.25	(1.0)
cmyn3*	0.0	0.037	0.75	(0.0)
olvi4*	1.0	0.963	0.25	(1.0)
cmyn4*	0.0	0.037	0.75	(0.0)
standard and adapted CIELAB				
LAB*LAB	90.36	-2.96	69.13	
LAB*LABa	90.36	-2.08	64.71	
LAB*LABb	62.5	64.74	91.85	

relative CIELAB lab*

lab*lab	0.957	-0.015	0.5	
lab*lab	0.957	0.5	0.255	
lab*lab	0.957	0.5	0.255	
lab*lab	0.957	0.5	0.255	
relative Natural Colour (NC)				
lab*lab	0.957	0.5	0.255	
lab*lab	0.957	0.5	0.255	
lab*lab	0.957	0.5	0.255	

relative Inform. Technology (IT)

olvi3*	0.75	0.713	0.0	(1.0)
cmyn3*	0.25	0.274	0.75	(0.0)
olvi4*	1.0	0.988	0.75	(1.0)
cmyn4*	0.0	0.012	0.25	(0.0)
standard and adapted CIELAB				
LAB*LAB	72.7	-1.92	46.37	
LAB*LABa	72.7	-1.38	43.14	
LAB*LABb	50.0	43.16	91.84	

relative CIELAB lab*

lab*lab	0.713	-0.015	0.5	
lab*lab	0.713	0.5	0.255	
lab*lab	0.713	0.5	0.255	
lab*lab	0.713	0.5	0.255	
relative Natural Colour (NC)				
lab*lab	0.713	0.5	0.255	
lab*lab	0.713	0.5	0.255	
lab*lab	0.713	0.5	0.255	

relative Inform. Technology (IT)

olvi3*	0.5	0.512	0.75	(0.0)
cmyn3*	0.5	0.488	0.25	(1.0)
olvi4*	1.0	0.988	0.75	(1.0)
cmyn4*	0.0	0.012	0.25	(0.0)
standard and adapted CIELAB				
LAB*LAB	55.03	-0.89	23.16	
LAB*LABa	55.03	-0.68	21.57	
LAB*LABb	37.5	21.58	91.84	

relative CIELAB lab*

lab*lab	0.512	-0.015	0.5	
lab*lab	0.512	0.5	0.255	
lab*lab	0.512	0.5	0.255	
lab*lab	0.512	0.5	0.255	
relative Natural Colour (NC)				
lab*lab	0.512	0.5	0.255	
lab*lab	0.512	0.5	0.255	
lab*lab	0.512	0.5	0.255	

relative Inform. Technology (IT)

olvi3*	0.25	0.25	0.25	(1.0)
cmyn3*	0.75	0.762	0.75	(0.0)
olvi4*	1.0	0.988		

