

All data for the colour R50J*

equivalent
colorimetric
colour coordinates

System:

ORS18

J50G*

olvi3*Fa: 0.6, 0.555, 0.51, 1.0
cmyn3*Fa: 0.4, 0.445, 0.49,
olvi4*Fa: 1.0, 0.925, 0.85, 0.6
cmyn4*Fa: 0.0, 0.075, 0.15, 0.4

olvi3**Fa: 0.6, 0.555, 0.51, 1.0
cmyn3**Fa: 0.4, 0.445, 0.49, 0.0
olvi4**Fa: 1.0, 0.982, 0.949, 0.833
cmyn4**Fa: 0.0, 0.018, 0.051, 0.16

abpe3*: 0.045, 0.045, 0.481, 0.184
tq3*: isect: 0.555, 0.519, 0.816, 3.0

G*

PS colour operator output:

left: olvi3* (rgb) setrgbcolor

top: cmyn3* setcmymcolor

right: cmyn4* setcmymcolor

bottom: LAB*LAB setcolor

LAB*LAB*: 60.51, 4.13, 10.67

LAB*LABx: 60.51, 4.13, 10.67

G50B*

Input colours:

C, V, M, O, OY, Y, YL, L

Elementary hue reference:

CIE - test colours 9 to 12

J50G*

Inform. Techn. (IT) relative:
olvi3* 0.555 0.6 0.51 (1.0)
cmyn3* 0.445 0.4 0.49 (0.0)
olvi4* 0.925 1.0 0.85 0.6
cmyn4* 0.075 0.0 0.15 0.4

CIELAB absolute:
LAB*LAB 60.51 -5.8 11.92
LAB*LABx 60.51 -5.47 9.5
LAB*TCa 52.5 10.97 119.98

CIELAB relative:
lab*lab 0.552 -0.074 0.13
lab*rch 0.525 0.15 0.333
lab*nch 0.4 0.15 0.333

Natural Colour (NC) relative:
lab*lrj 0.552 -0.086 0.122
lab*nce 0.525 0.15 0.349
lab*nch 0.4 0.15 0.396

Inform. Techn. (IT) relative:
olvi3* 0.51 0.6 0.51 (1.0)
cmyn3* 0.49 0.4 0.49 (0.0)
olvi4* 0.85 1.0 0.85 0.6
cmyn4* 0.15 0.0 0.15 0.4

CIELAB absolute:
LAB*LAB 57.77 -9.42 5.24
LAB*LABx 57.77 -9.42 5.24
LAB*TCa 52.5 10.79 150.91

CIELAB relative:
lab*lab 0.514 -0.13 0.073
lab*rch 0.525 0.15 0.419
lab*nch 0.4 0.15 0.419

Natural Colour (NC) relative:
lab*lrj 0.514 -0.144 0.038
lab*nce 0.525 0.15 0.46
lab*nch 0.4 0.15 0.836

Inform. Techn. (IT) relative:
olvi3* 0.51 0.6 0.6 (1.0)
cmyn3* 0.49 0.4 0.4 (0.0)
olvi4* 0.85 1.0 1.0 0.6
cmyn4* 0.15 0.0 0.0 0.4

CIELAB absolute:
LAB*LAB 58.93 -4.83 -4.45
LAB*LABx 58.93 -4.54 -6.74
LAB*TCa 52.5 8.14 236.02

CIELAB relative:
lab*lab 0.529 -0.083 -0.123
lab*rch 0.525 0.15 0.656
lab*nch 0.4 0.15 0.656

Natural Colour (NC) relative:
lab*lrj 0.529 -0.073 -0.13
lab*nce 0.525 0.15 0.668
lab*nch 0.4 0.15 0.676

G50J*

J*

Inform. Techn. (IT) relative:
olvi3* 0.6 0.6 0.51 (1.0)
cmyn3* 0.4 0.4 0.49 (0.0)
olvi4* 1.0 1.0 0.85 0.6
cmyn4* 0.0 0.0 0.15 0.4

CIELAB absolute:
LAB*LAB 63.69 -1.91 16.38
LAB*LABx 63.69 -1.53 13.76
LAB*TCa 52.5 13.85 96.38

CIELAB relative:
lab*lab 0.59 -0.016 0.149
lab*rch 0.525 0.15 0.268
lab*nch 0.4 0.15 0.268

Natural Colour (NC) relative:
lab*lrj 0.59 -0.013 0.149
lab*nce 0.525 0.15 0.265
lab*nch 0.4 0.15 0.506

Inform. Techn. (IT) relative:
olvi3* 0.525 0.525 0.525 (1.0)
cmyn3* 0.475 0.475 0.475 (0.0)
olvi4* 1.0 1.0 1.0 0.525
cmyn4* 0.0 0.0 0.0 0.475

CIELAB absolute:
LAB*LAB 58.65 -0.27 2.28
LAB*LABx 58.65 0.0 0.0
LAB*TCa 52.5 0.0 -

CIELAB relative:
lab*lab 0.525 0.0 0.0
lab*rch 0.525 0.15 0.105
lab*nch 0.475 0.0 -

Natural Colour (NC) relative:
lab*lrj 0.525 0.0 0.0
lab*nce 0.525 0.0 -
lab*nch 0.475 0.0 -

B*

R50J*

Inform. Techn. (IT) relative:
olvi3* 0.6 0.555 0.51 (1.0)
cmyn3* 0.4 0.445 0.49 (0.0)
olvi4* 1.0 0.925 0.85 0.6
cmyn4* 0.0 0.075 0.15 0.4

CIELAB absolute:
LAB*LAB 60.51 3.82 13.07
LAB*LABx 60.51 4.13 10.67
LAB*TCa 52.5 11.44 68.82

CIELAB relative:
lab*lab 0.549 0.054 0.14
lab*rch 0.525 0.15 0.191
lab*nch 0.4 0.15 0.191

Natural Colour (NC) relative:
lab*lrj 0.549 0.079 0.128
lab*nce 0.525 0.15 0.162
lab*nch 0.4 0.15 0.64

Inform. Techn. (IT) relative:
olvi3* 0.6 0.51 0.51 (1.0)
cmyn3* 0.4 0.49 0.49 (0.0)
olvi4* 1.0 0.85 0.85 0.6
cmyn4* 0.0 0.15 0.15 0.4

CIELAB absolute:
LAB*LAB 57.33 9.81 7.58
LAB*LABx 57.33 9.81 7.58
LAB*TCa 52.5 12.39 37.69

CIELAB relative:
lab*lab 0.508 0.119 0.092
lab*rch 0.525 0.15 0.105
lab*nch 0.4 0.15 0.105

Natural Colour (NC) relative:
lab*lrj 0.508 0.144 0.042
lab*nce 0.525 0.15 0.046
lab*nch 0.4 0.15 0.181

Inform. Techn. (IT) relative:
olvi3* 0.6 0.51 0.6 (1.0)
cmyn3* 0.4 0.49 0.4 (0.0)
olvi4* 1.0 0.85 1.0 0.6
cmyn4* 0.0 0.15 0.0 0.4

CIELAB absolute:
LAB*LAB 57.36 11.03 0.93
LAB*LABx 57.36 11.29 -1.24
LAB*TCa 52.5 11.36 353.66

CIELAB relative:
lab*lab 0.508 0.149 -0.016
lab*rch 0.525 0.15 0.982
lab*nch 0.4 0.15 0.982

Natural Colour (NC) relative:
lab*lrj 0.508 0.136 0.063
lab*nce 0.525 0.15 0.93
lab*nch 0.4 0.15 0.72

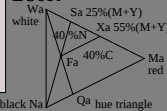
R50J*

LAB*Fa: 60.51, 4.13, 10.67
LCH*Fa: 60.51, 11.44, 68.82
LAB*Ma: 69.15, 27.56, 71.13
LCH*Ma: 69.15, 76.29, 68.82
LAB*Sa: 88.85, 6.89, 17.78
LCH*Sa: 88.85, 19.07, 68.82
LAB*Qa: 31.96, 7.52, 19.4
LCH*Qa: 31.96, 20.81, 68.82
LAB*Xa: 80.97, 15.16, 39.12
LCH*Xa: 80.97, 41.96, 68.82

R*

olvi3*Fa: 0.6, 0.525, 0.45
rch*Fa: 0.525, 0.15, 0.191
ncw*Fa: 0.4, 0.15, 0.45
olvi3*Ma: 1.0, 0.5, 0.0
rch*Ma: 0.5, 1.0, 0.191
ncw*Ma: 0.0, 1.0, 0.0
olvi3*Sa: 1.0, 0.875, 0.75
rch*Sa: 0.875, 0.25, 0.191
ncw*Sa: 0.0, 0.25, 0.75
olvi3*Qa: 0.273, 0.136, 0.0
rch*Qa: 0.136, 0.273, 0.191
ncw*Qa: 0.727, 0.273, 0.0
olvi3*Xa: 1.0, 0.725, 0.45
rch*Xa: 0.725, 0.55, 0.191
ncw*Xa: 0.0, 0.55, 0.45

B50R*



ME500-7.

Approximation of elementary and intermediate colours (8 colours); Device independent colour coordinates LAB*ORS18 as transfer input; individual colour calculation without hue tables

Test chart ME47: Elementary colours RJGB* (prime)

Approximation: 4 Elementary and 4 intermediate colours

Transfer via: cmv0*ORS18 setcmymcolor

output: cmyn4* setcmymcolor

All data for the colour R50J

equivalent
colorimetric
colour coordinates

System:

ORS18

J50G'

olvi3*Fa: 0.6, 0.555, 0.51, 1.0
cmyn3*Fa: 0.4, 0.445, 0.49,
olvi4*Fa: 1.0, 0.925, 0.85, 0.6
cmyn4*Fa: 0.0, 0.075, 0.15, 0.4

olvi3**Fa: 0.6, 0.555, 0.51, 1.0
cmyn3**Fa: 0.4, 0.445, 0.49, 0.0
olvi4**Fa: 1.0, 0.982, 0.949, 0.833
cmyn4**Fa: 0.0, 0.018, 0.051, 0.16

abpe3*: 0.045, 0.045, 0.481, 0.184
tq3*: isect: 0.555, 0.519, 0.816, 3.0

G'

PS colour operator output:

left: olvi3* (rgb) setrgbcolor

top: cmyn3* setcmymcolor

right: cmyn4* setcmymcolor

bottom: LAB*LCH setcolor

LAB*LCH*: 60.51, 11.44, 68.82

LAB*LAB*: 60.51, 4.13, 10.67

G50B'

Input colours:

C, V, M, O, OY, Y, YL, L

Elementary hue reference:

CIE - test colours 9 to 12

J50G'			
Inform. Techn. (IT) relative:			
olvi3*	0.555	0.51	(1.0)
cmyn3*	0.445	0.4	(0.0)
olvi4*	0.925	1.0	0.85 0.6
cmyn4*	0.075	0.0	0.15 0.4
CIELAB absolute:			
LAB*LAB	60.51	-5.8	11.92
LAB*LABa	60.51	-5.47	9.5
LAB*LABb	60.51	10.97	119.98
CIELAB relative:			
lab*lab	0.552	-0.074	0.13
lab*lab	0.525	0.15	0.333
lab*lab	0.4	0.15	0.333
Natural Colour (NC) relative:			
lab*lrj	0.552	-0.086	0.122
lab*lrj	0.525	0.15	0.349
lab*nce	0.4	0.15	0.39g

Inform. Techn. (IT) relative:			
olvi3*	0.51	0.6	0.51 (1.0)
cmyn3*	0.49	0.4	0.49 (0.0)
olvi4*	0.85	1.0	0.85 0.6
cmyn4*	0.15	0.0	0.15 0.4
CIELAB absolute:			
LAB*LAB	58.65	-9.68	7.46
LAB*LABa	58.65	-9.42	5.24
LAB*LABb	58.65	10.79	150.91
CIELAB relative:			
lab*lab	0.514	-0.13	0.073
lab*lab	0.525	0.15	0.419
lab*lab	0.4	0.15	0.419
Natural Colour (NC) relative:			
lab*lrj	0.514	-0.144	0.038
lab*lrj	0.525	0.15	0.46
lab*nce	0.4	0.15	0.39g

Inform. Techn. (IT) relative:			
olvi3*	0.51	0.6	0.6 (1.0)
cmyn3*	0.49	0.4	0.4 (0.0)
olvi4*	0.85	1.0	1.0 0.6
cmyn4*	0.15	0.0	0.0 0.4
CIELAB absolute:			
LAB*LAB	58.93	-4.83	-4.45
LAB*LABa	58.93	-4.54	-6.74
LAB*LABb	58.93	8.14	236.02
CIELAB relative:			
lab*lab	0.529	-0.083	-0.123
lab*lab	0.525	0.15	0.656
lab*lab	0.4	0.15	0.656
Natural Colour (NC) relative:			
lab*lrj	0.529	-0.073	-0.13
lab*lrj	0.525	0.15	0.668
lab*nce	0.4	0.15	0.67b

G50J'

J'			
Inform. Techn. (IT) relative:			
olvi3*	0.6	0.6	0.51 (1.0)
cmyn3*	0.4	0.4	0.49 (0.0)
olvi4*	1.0	1.0	0.85 0.6
cmyn4*	0.0	0.0	0.15 0.4
CIELAB absolute:			
LAB*LAB	63.69	-1.91	16.38
LAB*LABa	63.69	-1.53	13.76
LAB*LABb	63.69	13.85	96.38
CIELAB relative:			
lab*lab	0.59	-0.016	0.149
lab*lab	0.525	0.15	0.268
lab*lab	0.4	0.15	0.268
Natural Colour (NC) relative:			
lab*lrj	0.59	-0.013	0.149
lab*lrj	0.525	0.15	0.265
lab*nce	0.4	0.15	0.30g

Inform. Techn. (IT) relative:			
olvi3*	0.525	0.525	0.525 (1.0)
cmyn3*	0.475	0.475	0.475 (0.0)
olvi4*	1.0	1.0	1.0 0.525
cmyn4*	0.0	0.0	0.0 0.475
CIELAB absolute:			
LAB*LAB	58.65	-0.27	2.28
LAB*LABa	58.65	0.0	0.0
LAB*LABb	58.65	0.0	-
CIELAB relative:			
lab*lab	0.525	0.0	0.0
lab*lab	0.525	0.15	0.105
lab*lab	0.475	0.0	-
Natural Colour (NC) relative:			
lab*lrj	0.525	0.0	0.0
lab*lrj	0.525	0.0	-
lab*nce	0.475	0.0	-

Inform. Techn. (IT) relative:			
olvi3*	0.51	0.51	0.6 (1.0)
cmyn3*	0.49	0.49	0.4 (0.0)
olvi4*	0.85	0.85	1.0 0.6
cmyn4*	0.15	0.15	0.0 0.4
CIELAB absolute:			
LAB*LAB	54.0	4.47	-4.69
LAB*LABa	54.0	4.66	-6.65
LAB*LABb	54.0	8.13	305.0
CIELAB relative:			
lab*lab	0.465	0.086	-0.122
lab*lab	0.525	0.15	0.847
lab*lab	0.4	0.15	0.847
Natural Colour (NC) relative:			
lab*lrj	0.465	0.096	-0.133
lab*lrj	0.525	0.15	0.823
lab*nce	0.4	0.15	0.829

B'

R50J'

Inform. Techn. (IT) relative:			
olvi3*	0.6	0.555	0.51 (1.0)
cmyn3*	0.4	0.445	0.49 (0.0)
olvi4*	1.0	0.925	0.85 0.6
cmyn4*	0.0	0.075	0.15 0.4
CIELAB absolute:			
LAB*LAB	60.51	3.82	13.07
LAB*LABa	60.51	4.13	10.67
LAB*LABb	60.51	11.44	68.82
CIELAB relative:			
lab*lab	0.549	0.054	0.14
lab*lab	0.525	0.15	0.191
lab*lab	0.4	0.15	0.191
Natural Colour (NC) relative:			
lab*lrj	0.549	0.079	0.128
lab*lrj	0.525	0.15	0.162
lab*nce	0.4	0.15	0.164

Inform. Techn. (IT) relative:			
olvi3*	0.6	0.51	0.51 (1.0)
cmyn3*	0.4	0.49	0.49 (0.0)
olvi4*	1.0	0.85	0.85 0.6
cmyn4*	0.0	0.15	0.15 0.4
CIELAB absolute:			
LAB*LAB	57.33	9.55	9.76
LAB*LABa	57.33	9.81	7.58
LAB*LABb	57.33	12.39	37.69
CIELAB relative:			
lab*lab	0.508	0.119	0.092
lab*lab	0.525	0.15	0.105
lab*lab	0.4	0.15	0.105
Natural Colour (NC) relative:			
lab*lrj	0.508	0.144	0.042
lab*lrj	0.525	0.15	0.046
lab*nce	0.4	0.15	0.18j

Inform. Techn. (IT) relative:			
olvi3*	0.6	0.51	0.6 (1.0)
cmyn3*	0.4	0.49	0.4 (0.0)
olvi4*	1.0	0.85	1.0 0.6
cmyn4*	0.0	0.15	0.0 0.4
CIELAB absolute:			
LAB*LAB	57.36	11.03	0.93
LAB*LABa	57.36	11.29	-1.24
LAB*LABb	57.36	11.36	353.66
CIELAB relative:			
lab*lab	0.508	0.149	-0.016
lab*lab	0.525	0.15	0.982
lab*lab	0.4	0.15	0.982
Natural Colour (NC) relative:			
lab*lrj	0.508	0.136	-0.063
lab*lrj	0.525	0.15	0.93
lab*nce	0.4	0.15	0.72r

B50R'

black Na

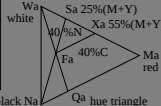
R50J'

LAB*Fa: 60.51, 4.13, 10.67
LCH*Fa: 60.51, 11.44, 68.82
LAB*Ma: 69.15, 27.56, 71.13
LCH*Ma: 69.15, 76.29, 68.82
LAB*Sa: 88.85, 6.89, 17.78
LCH*Sa: 88.85, 19.07, 68.82
LAB*Qa: 31.96, 7.52, 19.4
LCH*Qa: 31.96, 20.81, 68.82
LAB*Xa: 80.97, 15.16, 39.12
LCH*Xa: 80.97, 41.96, 68.82

R'

olvi3*Fa: 0.6, 0.525, 0.45
tch*Fa: 0.525, 0.15, 0.191
ncw*Fa: 0.4, 0.15, 0.45
olvi3*Ma: 1.0, 0.5, 0.0
tch*Ma: 0.5, 1.0, 0.191
ncw*Ma: 0.0, 1.0, 0.0
olvi3*Sa: 1.0, 0.875, 0.75
tch*Sa: 0.875, 0.25, 0.191
ncw*Sa: 0.0, 0.25, 0.75
olvi3*Qa: 0.273, 0.136, 0.0
tch*Qa: 0.136, 0.273, 0.191
ncw*Qa: 0.727, 0.273, 0.0
olvi3*Xa: 1.0, 0.725, 0.45
tch*Xa: 0.725, 0.55, 0.191
ncw*Xa: 0.0, 0.55, 0.45

B50R'



Test chart ME47: Elementary colours RJGB' (prime)
Approximation: 4 Elementary and 4 intermediate colours
Transfer via: cmy0*ORS18 setcmymcolor
output: cmyn4* setcmymcolor

All data for the colour R50J*

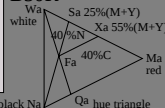
R50J*

LAB*Fa: 60.51, 4.13, 10.67
LCH*Fa: 60.51, 11.44, 68.82
LAB*Ma: 69.15, 27.56, 71.13
LCH*Ma: 69.15, 76.29, 68.82
LAB*Sa: 88.85, 6.89, 17.78
LCH*Sa: 88.85, 19.07, 68.82
LAB*Qa: 31.96, 7.52, 19.4
LCH*Qa: 31.96, 20.81, 68.82
LAB*Xa: 80.97, 15.16, 39.12
LCH*Xa: 80.97, 41.96, 68.82

R*

olvi3*Fa: 0.6, 0.525, 0.45
tch*Fa: 0.525, 0.15, 0.191
ncw*Fa: 0.4, 0.15, 0.45
olvi3*Ma: 1.0, 0.5, 0.0
tch*Ma: 0.5, 1.0, 0.191
ncw*Ma: 0.0, 1.0, 0.0
olvi3*Sa: 1.0, 0.875, 0.75
tch*Sa: 0.875, 0.25, 0.191
ncw*Sa: 0.0, 0.25, 0.75
olvi3*Qa: 0.273, 0.136, 0.0
tch*Qa: 0.136, 0.273, 0.191
ncw*Qa: 0.727, 0.273, 0.0
olvi3*Xa: 1.0, 0.725, 0.45
tch*Xa: 0.725, 0.55, 0.191
ncw*Xa: 0.0, 0.55, 0.45

B50R*



black Na

R50J*

Inform. Techn. (IT) relative:
olvi3* 0.6 0.555 0.51 (1.0)
cmyn3* 0.4 0.445 0.49 (0.0)
olvi4* 1.0 0.925 0.85 0.6
cmyn4* 0.0 0.075 0.15 0.4

CIELAB absolute:
LAB*LAB 60.51 3.82 13.07
LAB*LABa 60.51 4.13 10.67
LAB*LABb 60.51 4.13 10.67
LAB*LABc 60.51 4.13 10.67

CIELAB relative:
lab*lab 0.549 0.054 0.14
lab*tch 0.525 0.15 0.191
lab*nc 0.4 0.15 0.45

Natural Colour (NC) relative:
lab*lrj 0.549 0.079 0.128
lab*tce 0.525 0.15 0.162
lab*nce 0.4 0.15 r64

Inform. Techn. (IT) relative:
olvi3* 0.6 0.51 0.51 (1.0)
cmyn3* 0.4 0.49 0.49 (0.0)
olvi4* 1.0 0.85 0.85 0.6
cmyn4* 0.0 0.15 0.15 0.4

CIELAB absolute:
LAB*LAB 57.33 9.81 7.58
LAB*LABa 57.33 9.81 7.58
LAB*LABb 57.33 9.81 7.58
LAB*LABc 57.33 9.81 7.58

CIELAB relative:
lab*lab 0.508 0.119 0.092
lab*tch 0.525 0.15 0.105
lab*nc 0.4 0.15 0.105

Natural Colour (NC) relative:
lab*lrj 0.508 0.144 0.042
lab*tce 0.525 0.15 0.046
lab*nce 0.4 0.15 r18j

Inform. Techn. (IT) relative:
olvi3* 0.6 0.51 0.6 (1.0)
cmyn3* 0.4 0.49 0.4 (0.0)
olvi4* 1.0 0.85 1.0 0.6
cmyn4* 0.0 0.15 0.0 0.4

CIELAB absolute:
LAB*LAB 57.36 11.03 0.93
LAB*LABa 57.36 11.29 -1.24
LAB*LABb 57.36 11.36 353.66
LAB*LABc 57.36 11.36 353.66

CIELAB relative:
lab*lab 0.508 0.149 -0.016
lab*tch 0.525 0.15 0.982
lab*nc 0.4 0.15 0.982

Natural Colour (NC) relative:
lab*lrj 0.508 0.136 -0.063
lab*tce 0.525 0.15 0.93
lab*nce 0.4 0.15 0.72r

B50R*

J*

Inform. Techn. (IT) relative:
olvi3* 0.6 0.6 0.51 (1.0)
cmyn3* 0.4 0.4 0.49 (0.0)
olvi4* 1.0 1.0 0.85 0.6
cmyn4* 0.0 0.0 0.15 0.4

CIELAB absolute:
LAB*LAB 63.69 -1.91 16.38
LAB*LABa 63.69 -1.53 13.76
LAB*LABb 63.69 -1.53 13.76
LAB*LABc 63.69 -1.53 13.76

CIELAB relative:
lab*lab 0.59 -0.016 0.149
lab*tch 0.525 0.15 0.268
lab*nc 0.4 0.15 0.268

Natural Colour (NC) relative:
lab*lrj 0.59 -0.013 0.149
lab*tce 0.525 0.15 0.265
lab*nce 0.4 0.15 j05g

Inform. Techn. (IT) relative:
olvi3* 0.525 0.525 0.525 (1.0)
cmyn3* 0.475 0.475 0.475 (0.0)
olvi4* 1.0 1.0 1.0 0.525
cmyn4* 0.0 0.0 0.0 0.475

CIELAB absolute:
LAB*LAB 58.65 -0.27 2.28
LAB*LABa 58.65 0.0 0.0
LAB*LABb 58.65 0.0 0.0
LAB*LABc 58.65 0.0 0.0

CIELAB relative:
lab*lab 0.525 0.0 0.0
lab*tch 0.525 0.0 0.0
lab*nc 0.475 0.0 0.0

Natural Colour (NC) relative:
lab*lrj 0.525 0.0 0.0
lab*tce 0.525 0.0 0.0
lab*nce 0.475 0.0 0.0

Inform. Techn. (IT) relative:
olvi3* 0.51 0.51 0.6 (1.0)
cmyn3* 0.49 0.49 0.4 (0.0)
olvi4* 0.85 0.85 1.0 0.6
cmyn4* 0.15 0.15 0.0 0.4

CIELAB absolute:
LAB*LAB 54.0 4.47 -4.69
LAB*LABa 54.0 4.66 -6.65
LAB*LABb 54.0 4.66 -6.65
LAB*LABc 54.0 4.66 -6.65

CIELAB relative:
lab*lab 0.465 0.086 -0.122
lab*tch 0.525 0.15 0.847
lab*nc 0.4 0.15 0.847

Natural Colour (NC) relative:
lab*lrj 0.465 0.096 -0.133
lab*tce 0.525 0.15 0.823
lab*nce 0.4 0.15 b29r

B*

J50G*

Inform. Techn. (IT) relative:
olvi3* 0.555 0.6 0.51 (1.0)
cmyn3* 0.445 0.4 0.49 (0.0)
olvi4* 0.925 1.0 0.85 0.6
cmyn4* 0.075 0.0 0.15 0.4

CIELAB absolute:
LAB*LAB 60.73 -5.8 11.92
LAB*LABa 60.73 -5.47 9.5
LAB*LABb 60.73 -5.47 9.5
LAB*LABc 60.73 -5.47 9.5

CIELAB relative:
lab*lab 0.552 -0.074 0.13
lab*tch 0.525 0.15 0.333
lab*nc 0.4 0.15 0.333

Natural Colour (NC) relative:
lab*lrj 0.552 -0.086 0.122
lab*tce 0.525 0.15 0.349
lab*nce 0.4 0.15 j39g

Inform. Techn. (IT) relative:
olvi3* 0.51 0.6 0.51 (1.0)
cmyn3* 0.49 0.4 0.49 (0.0)
olvi4* 0.85 1.0 0.85 0.6
cmyn4* 0.15 0.0 0.15 0.4

CIELAB absolute:
LAB*LAB 57.77 -9.42 5.24
LAB*LABa 57.77 -9.42 5.24
LAB*LABb 57.77 -9.42 5.24
LAB*LABc 57.77 -9.42 5.24

CIELAB relative:
lab*lab 0.514 -0.13 0.073
lab*tch 0.525 0.15 0.419
lab*nc 0.4 0.15 0.419

Natural Colour (NC) relative:
lab*lrj 0.514 -0.144 0.038
lab*tce 0.525 0.15 0.46
lab*nce 0.4 0.15 j83g

Inform. Techn. (IT) relative:
olvi3* 0.51 0.6 0.6 (1.0)
cmyn3* 0.49 0.4 0.4 (0.0)
olvi4* 0.85 1.0 1.0 0.6
cmyn4* 0.15 0.0 0.0 0.4

CIELAB absolute:
LAB*LAB 58.93 -4.83 -4.45
LAB*LABa 58.93 -4.54 -6.74
LAB*LABb 58.93 -4.54 -6.74
LAB*LABc 58.93 -4.54 -6.74

CIELAB relative:
lab*lab 0.529 -0.083 -0.123
lab*tch 0.525 0.15 0.656
lab*nc 0.4 0.15 0.656

Natural Colour (NC) relative:
lab*lrj 0.529 -0.073 -0.13
lab*tce 0.525 0.15 0.668
lab*nce 0.4 0.15 g67b

G50J*

equivalent

colorimetric

colour coordinates

System:

ORS18

J50G*

olvi3*Fa: 0.6, 0.555, 0.51, 1.0
cmyn3*Fa: 0.4, 0.445, 0.49, 0.0
olvi4*Fa: 1.0, 0.925, 0.85, 0.6
cmyn4*Fa: 0.0, 0.075, 0.15, 0.4

olvi3**Fa: 0.6, 0.555, 0.51, 1.0
cmyn3**Fa: 0.4, 0.445, 0.49, 0.0
olvi4**Fa: 1.0, 0.982, 0.949, 0.833
cmyn4**Fa: 0.0, 0.018, 0.051, 0.16

abpe3*: 0.045, 0.045, 0.481, 0.184
tqj3*: isect: 0.555, 0.519, 0.816, 3.0

G*

PS colour operator output:

left: olvi3* (rgb) setrgbcolor

top: cmyn3* setcmymcolor

right: cmyn4* setcmymcolor

bottom: lab*nc setcolor

lab*nc*: 0.4, 0.15, 0.191

LAB*LABx: 60.51, 4.13, 10.67

G50B*

Input colours:

C, V, M, O, OY, Y, YL, L

Elementary hue reference:

CIE - test colours 9 to 12

ME500-7.

Approximation of elementary and intermediate colours (8 colours); Device independent colour coordinates LAB*ORS18 as transfer input; individual colour calculation without hue tables

Test chart ME47: Elementary colours RJGB* (prime)

Approximation: 4 Elementary and 4 intermediate colours

Transfer via: cmy0*ORS18 setcmymcolor

output: cmyn4* setcmymcolor

