

System: ORS18

J50G

G

G50B

J50G

Inform. Techn. (IT) relative:
olv* 0.317 1.27 0.143
cmy* 0.683 -0.269 0.857
CIELAB absolute:
LAB* 72.99 -62.23 52.5
LAB*a 72.99 -61.67 49.25
LCH*a 72.99 78.93 141.39
CIELAB relative:
tab* 0.706 -0.88 0.703
tch* 0.706 1.127 0.393
nwl* -0.269 0.143 0.71
Natural Colour (NC) relative:
trj* 0.706 -0.916 0.654
tce* 0.706 1.127 0.401
nce* -0.269 1.127 j60g

Inform. Techn. (IT) relative:
olv* -0.181 1.172 0.291
cmy* 1.182 -0.171 0.709
CIELAB absolute:
LAB* 52.11 -69.88 11.3
LAB*a 52.11 -69.72 9.47
LCH*a 52.11 70.37 172.27
CIELAB relative:
tab* 0.495 -1.341 0.182
tch* 0.495 1.355 0.479
nwl* -0.171 -0.181 0.441
Natural Colour (NC) relative:
trj* 0.495 -1.354 0.0
tce* 0.495 1.355 0.5
nce* -0.171 1.355 g00b

Inform. Techn. (IT) relative:
olv* -0.149 0.84 0.638
cmy* 1.15 0.16 0.362
CIELAB absolute:
LAB* 45.03 -36.58 -27.11
LAB*a 45.03 -36.56 -28.47
LCH*a 45.03 46.35 217.91
CIELAB relative:
tab* 0.345 -0.78 -0.607
tch* 0.345 0.99 0.605
nwl* 0.16 -0.149 0.349
Natural Colour (NC) relative:
trj* 0.345 -0.809 -0.568
tce* 0.345 0.99 0.597
nce* 0.16 0.99 g38b

J

Inform. Techn. (IT) relative:
olv* 1.031 0.981 0.041
cmy* -0.03 0.019 0.959
CIELAB absolute:
LAB* 90.7 -7.22 93.2
LAB*a 90.7 -6.32 88.76
LCH*a 90.7 88.98 94.08
CIELAB relative:
tab* 0.536 -0.069 0.988
tch* 0.536 0.99 0.261
nwl* -0.03 0.041 0.939
Natural Colour (NC) relative:
trj* 0.536 0.0 0.99
tce* 0.536 0.99 0.25
nce* -0.03 0.99 j00g

Inform. Techn. (IT) relative:
olv* 0.5 0.5 0.5
cmy* 0.5 0.5 0.5
CIELAB absolute:
LAB* 56.7 -0.23 2.14
LAB*a 56.7 0.0 0.0
LCH*a 56.7 0.01 -
CIELAB relative:
tab* 0.5 0.0 0.0
tch* 0.5 0.0 -
nwl* 0.5 0.5 0.5
Natural Colour (NC) relative:
trj* 0.5 0.0 0.0
tce* 0.5 0.0 -
nce* 0.5 0.0 -

Inform. Techn. (IT) relative:
olv* -0.045 0.303 1.348
cmy* 1.046 0.697 -0.347
CIELAB absolute:
LAB* 36.65 22.05 -61.32
LAB*a 36.65 21.91 -62.11
LCH*a 36.65 65.87 289.43
CIELAB relative:
tab* 0.651 0.464 -1.314
tch* 0.651 1.394 0.804
nwl* -0.347 -0.045 0.241
Natural Colour (NC) relative:
trj* 0.651 0.0 -1.393
tce* 0.651 1.394 0.75
nce* -0.347 1.394 g99b

B

R50J

Inform. Techn. (IT) relative:
olv* 1.209 0.444 0.032
cmy* -0.208 0.556 0.968
CIELAB absolute:
LAB* 73.18 45.25 79.64
LAB*a 73.18 45.81 76.38
LCH*a 73.18 89.07 59.05
CIELAB relative:
tab* 0.621 0.605 1.009
tch* 0.621 1.176 0.164
nwl* -0.208 0.032 0.713
Natural Colour (NC) relative:
trj* 0.621 0.888 0.772
tce* 0.621 1.176 0.114
nce* -0.208 1.176 r45j

Inform. Techn. (IT) relative:
olv* 1.018 0.024 0.225
cmy* -0.017 0.976 0.775
CIELAB absolute:
LAB* 49.63 66.86 40.03
LAB*a 49.63 66.97 38.36
LCH*a 49.63 77.18 29.81
CIELAB relative:
tab* 0.521 0.862 0.494
tch* 0.521 0.994 0.083
nwl* -0.017 0.024 0.409
Natural Colour (NC) relative:
trj* 0.521 0.994 0.0
tce* 0.521 0.994 0.0
nce* -0.017 0.994 r00j

B50R

Inform. Techn. (IT) relative:
olv* 0.357 -0.019 1.282
cmy* 0.643 1.02 -0.281
CIELAB absolute:
LAB* 34.94 57.33 -43.55
LAB*a 34.94 57.16 -44.22
LCH*a 34.94 72.27 322.26
CIELAB relative:
tab* 0.631 1.03 -0.796
tch* 0.631 1.302 0.895
nwl* -0.281 -0.019 0.219
Natural Colour (NC) relative:
trj* 0.631 0.64 -1.133
tce* 0.631 1.302 0.832
nce* -0.281 1.302 b32r

R50J

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J50G

Inform. Techn. (IT) relative:
olv* 0.476 1.029 0.151
cmy* 0.524 -0.028 0.849
CIELAB absolute:
LAB* 71.4 -38.55 52.25
LAB*a 71.4 -38.02 49.11
LCH*a 71.4 62.12 127.75
CIELAB relative:
tab* 0.59 -0.536 0.693
tch* 0.59 0.877 0.355
nwl* -0.028 0.151 0.69
Natural Colour (NC) relative:
trj* 0.59 -0.549 0.683
tce* 0.59 0.877 0.358
nce* -0.028 0.877 j43g

Inform. Techn. (IT) relative:
olv* -0.181 1.172 0.291
cmy* 1.182 -0.171 0.709
CIELAB absolute:
LAB* 52.11 -69.88 11.3
LAB*a 52.11 -69.72 9.47
LCH*a 52.11 70.37 172.27
CIELAB relative:
tab* 0.495 -1.341 0.182
tch* 0.495 1.355 0.479
nwl* -0.171 -0.181 0.441
Natural Colour (NC) relative:
trj* 0.495 -1.354 0.0
tce* 0.495 1.355 0.5
nce* -0.171 1.355 g00b

Inform. Techn. (IT) relative:
olv* -0.025 0.686 0.615
cmy* 1.026 0.314 0.385
CIELAB absolute:
LAB* 44.38 -23.91 -25.01
LAB*a 44.38 -23.9 -26.32
LCH*a 44.38 35.57 227.75
CIELAB relative:
tab* 0.33 -0.477 -0.526
tch* 0.33 0.712 0.633
nwl* 0.314 -0.025 0.341
Natural Colour (NC) relative:
trj* 0.33 -0.523 -0.481
tce* 0.33 0.712 0.618
nce* 0.314 0.712 g47b

J

Inform. Techn. (IT) relative:
olv* 1.031 0.981 0.041
cmy* -0.03 0.019 0.959
CIELAB absolute:
LAB* 90.7 -7.22 93.2
LAB*a 90.7 -6.32 88.76
LCH*a 90.7 88.98 94.08
CIELAB relative:
tab* 0.536 -0.069 0.988
tch* 0.536 0.99 0.261
nwl* -0.03 0.041 0.939
Natural Colour (NC) relative:
trj* 0.536 0.0 0.99
tce* 0.536 0.99 0.25
nce* -0.03 0.99 j00g

Inform. Techn. (IT) relative:
olv* 0.5 0.5 0.5
cmy* 0.5 0.5 0.5
CIELAB absolute:
LAB* 56.7 -0.23 2.14
LAB*a 56.7 0.0 0.0
LCH*a 56.7 0.01 -
CIELAB relative:
tab* 0.5 0.0 0.0
tch* 0.5 0.0 -
nwl* 0.5 0.5 0.5
Natural Colour (NC) relative:
trj* 0.5 0.0 0.0
tce* 0.5 0.0 -
nce* 0.5 0.0 -

Inform. Techn. (IT) relative:
olv* -0.045 0.303 1.348
cmy* 1.046 0.697 -0.347
CIELAB absolute:
LAB* 36.65 22.05 -61.32
LAB*a 36.65 21.91 -62.11
LCH*a 36.65 65.87 289.43
CIELAB relative:
tab* 0.651 0.464 -1.314
tch* 0.651 1.394 0.804
nwl* -0.347 -0.045 0.241
Natural Colour (NC) relative:
trj* 0.651 0.0 -1.393
tce* 0.651 1.394 0.75
nce* -0.347 1.394 g99b

B

R50J

Inform. Techn. (IT) relative:
olv* 1.023 0.496 0.094
cmy* -0.022 0.504 0.906
CIELAB absolute:
LAB* 70.17 29.82 66.62
LAB*a 70.17 30.32 63.56
LCH*a 70.17 70.42 64.5
CIELAB relative:
tab* 0.558 0.4 0.839
tch* 0.558 0.93 0.179
nwl* -0.022 0.094 0.674
Natural Colour (NC) relative:
trj* 0.558 0.614 0.698
tce* 0.558 0.93 0.135
nce* -0.022 0.93 r54j

Inform. Techn. (IT) relative:
olv* 1.018 0.024 0.225
cmy* -0.017 0.976 0.775
CIELAB absolute:
LAB* 49.63 66.86 40.03
LAB*a 49.63 66.97 38.36
LCH*a 49.63 77.18 29.81
CIELAB relative:
tab* 0.521 0.862 0.494
tch* 0.521 0.994 0.083
nwl* -0.017 0.024 0.409
Natural Colour (NC) relative:
trj* 0.521 0.994 0.0
tce* 0.521 0.994 0.0
nce* -0.017 0.994 r00j

B50R

Inform. Techn. (IT) relative:
olv* 0.626 0.105 0.795
cmy* 0.374 0.895 0.205
CIELAB absolute:
LAB* 43.14 44.46 -10.64
LAB*a 43.14 44.44 -11.87
LCH*a 43.14 46.0 345.04
CIELAB relative:
tab* 0.45 0.666 -0.177
tch* 0.45 0.69 0.958
nwl* 0.205 0.105 0.325
Natural Colour (NC) relative:
trj* 0.45 0.527 -0.444
tce* 0.45 0.69 0.888
nce* 0.205 0.69 b55r

R50J

R

B50R

System: ORS18

J50G

G

G50B

J50G

Inform. Techn. (IT) relative:
olv* 0.522 0.824 0.204
cmy* 0.478 0.176 0.796
CIELAB absolute:
LAB* 66.75 -22.65 42.58
LAB*a 66.75 -22.21 39.76
LCH*a 66.75 45.54 119.2
CIELAB relative:
tab* 0.514 -0.301 0.541
tch* 0.514 0.62 0.331
nwl* 0.176 0.204 0.63
Natural Colour (NC) relative:
trj* 0.514 -0.299 0.542
tce* 0.514 0.62 0.33
nce* 0.176 0.62 j32g

Inform. Techn. (IT) relative:
olv* 0.096 0.866 0.286
cmy* 0.904 0.134 0.714
CIELAB absolute:
LAB* 52.23 -42.41 13.6
LAB*a 52.23 -42.25 11.76
LCH*a 52.23 43.87 164.45
CIELAB relative:
tab* 0.481 -0.742 0.207
tch* 0.481 0.771 0.457
nwl* 0.134 0.096 0.442
Natural Colour (NC) relative:
trj* 0.481 -0.76 0.12
tce* 0.481 0.771 0.475
nce* 0.134 0.771 j90g

Inform. Techn. (IT) relative:
olv* 0.014 0.583 0.482
cmy* 0.986 0.417 0.518
CIELAB absolute:
LAB* 41.4 -20.5 -16.43
LAB*a 41.4 -20.54 -17.54
LCH*a 41.4 27.02 220.48
CIELAB relative:
tab* 0.298 -0.432 -0.369
tch* 0.298 0.569 0.612
nwl* 0.417 0.014 0.302
Natural Colour (NC) relative:
trj* 0.298 -0.453 -0.342
tce* 0.298 0.569 0.603
nce* 0.417 0.569 g41b

J

Inform. Techn. (IT) relative:
olv* 0.909 0.833 0.137
cmy* 0.091 0.167 0.863
CIELAB absolute:
LAB* 81.26 -2.88 71.56
LAB*a 81.26 -2.16 67.76
LCH*a 81.26 67.79 91.84
CIELAB relative:
tab* 0.523 -0.024 0.772
tch* 0.523 0.773 0.255
nwl* 0.091 0.137 0.817
Natural Colour (NC) relative:
trj* 0.523 0.041 0.772
tce* 0.523 0.773 0.242
nce* 0.091 0.773 r96j

Inform. Techn. (IT) relative:
olv* 0.5 0.5 0.5
cmy* 0.5 0.5 0.5
CIELAB absolute:
LAB* 56.7 -0.23 2.14
LAB*a 56.7 0.0 0.0
LCH*a 56.7 0.01 -
CIELAB relative:
tab* 0.5 0.0 0.0
tch* 0.5 0.0 -
nwl* 0.5 0.5 0.5
Natural Colour (NC) relative:
trj* 0.5 0.0 0.0
tce* 0.5 0.0 -
nce* 0.5 0.0 -

Inform. Techn. (IT) relative:
olv* -0.159 0.352 0.888
cmy* 1.16 0.648 0.112
CIELAB absolute:
LAB* 30.57 1.41 -46.46
LAB*a 30.57 1.15 -46.84
LCH*a 30.57 46.86 271.41
CIELAB relative:
tab* 0.364 0.026 -1.047
tch* 0.364 1.048 0.754
nwl* 0.112 -0.159 0.162
Natural Colour (NC) relative:
trj* 0.364 -0.25 -1.016
tce* 0.364 1.048 0.712
nce* 0.112 1.048 g84b

B

R50J

Inform. Techn. (IT) relative:
olv* 0.856 0.384 0.128
cmy* 0.144 0.616 0.872
CIELAB absolute:
LAB* 60.59 27.93 49.78
LAB*a 60.59 28.24 47.37
LCH*a 60.59 55.15 59.19
CIELAB relative:
tab* 0.492 0.373 0.626
tch* 0.492 0.728 0.164
nwl* 0.144 0.128 0.55
Natural Colour (NC) relative:
trj* 0.492 0.548 0.48
tce* 0.492 0.728 0.114
nce* 0.144 0.728 r45j

Inform. Techn. (IT) relative:
olv* 0.807 -0.047 0.227
cmy* 0.193 1.048 0.773
CIELAB absolute:
LAB* 39.92 58.74 27.99
LAB*a 39.92 58.66 26.98
LCH*a 39.92 64.57 24.7
CIELAB relative:
tab* 0.379 0.777 0.357
tch* 0.379 0.855 0.069
nwl* 0.193 -0.047 0.283
Natural Colour (NC) relative:
trj* 0.379 0.853 -0.067
tce* 0.379 0.855 0.987
nce* 0.193 0.855 b94r

B50R

Inform. Techn. (IT) relative:
olv* 0.409 0.078 0.57
cmy* 0.591 0.922 0.43
CIELAB absolute:
LAB* 35.25 30.08 -9.23
LAB*a 35.25 29.91 -9.92
LCH*a 35.25 31.51 341.62
CIELAB relative:
tab* 0.324 0.467 -0.154
tch* 0.324 0.492 0.949
nwl* 0.43 0.078 0.223
Natural Colour (NC) relative:
trj* 0.324 0.359 -0.336
tce* 0.324 0.492 0.88
nce* 0.43 0.492 b51r

R50J

R

B50R

LE820-7, Elementary and intermediate colours (8 colours) and grey; Device independent colour coordinates LAB* as input; 4 defined by CIE and R50J, J50G, G50B, B50R interpolated

BAM-test chart no. LE82; Reference: Miescher colours *RJGB*
Elementary and intermediate colours (8 colours) and grey

input: *cmyn* setcmykcolor*
output: *no change compared to input*