

See for similar files: <http://www.ps.bam.de/LE82/>; [www.ps.bam.de/LE82/](http://www.ps.bam.de/LE82/); [www.ps.bam.de/LE82/](http://www.ps.bam.de/LE82/)  
 Technical information: <http://www.ps.bam.de> Version 2.1, io=1,1

BAM registration: 20040901-LE82/10L/L82E00NP.PS/.PDF  
 application for measurement of printer or monitor systems  
 BAM material: code=rh4ta  
 /LE82 Form: 1/3, Serie: 1/1, Page: 1 Page count: 1

J50G  
 System: ORS18

**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

**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

**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

R50J

**G**

**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\** 0.5 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\** 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

R

**G50B**

**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

**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

**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

B50R

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 Technical information: <http://www.ps.bam.de> Version 2.1, io=1,1

BAM registration: 20040901-LE82/10L/L82E01NP.PS/.PDF  
 application for measurement of printer or monitor systems

BAM material: code=rh4ta  
 /LE82 Form: 2/3, Serie: 1/1, Page: 2 Page count: 2

J50G  
 System: ORS18

**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

**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

**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

R50J

**G**

**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\** 0.5 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\** 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

R

**G50B**

**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

**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

**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

B50R

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

BAM-test chart no. LE82; Reference: Miescher colours *RJGB* input: *cmy\* setcmycolor*  
 Elementary and intermediate colours (8 colours) and grey output: *no change compared to input*

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BAM registration: 20040901-LE82/10L/L82E02NP.PS/.PDF  
 application for measurement of printer or monitor systems

BAM material: code=rh4ta  
 /LE82 Form: 3/3, Serie: 1/1, Page: 3 Page count: 3

J50G  
 System: ORS18

**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

**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

**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

R50J

**G**

**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\** 0.5 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\** 0.807 -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

R

G50B

**G50B**

**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

**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

**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

B50R