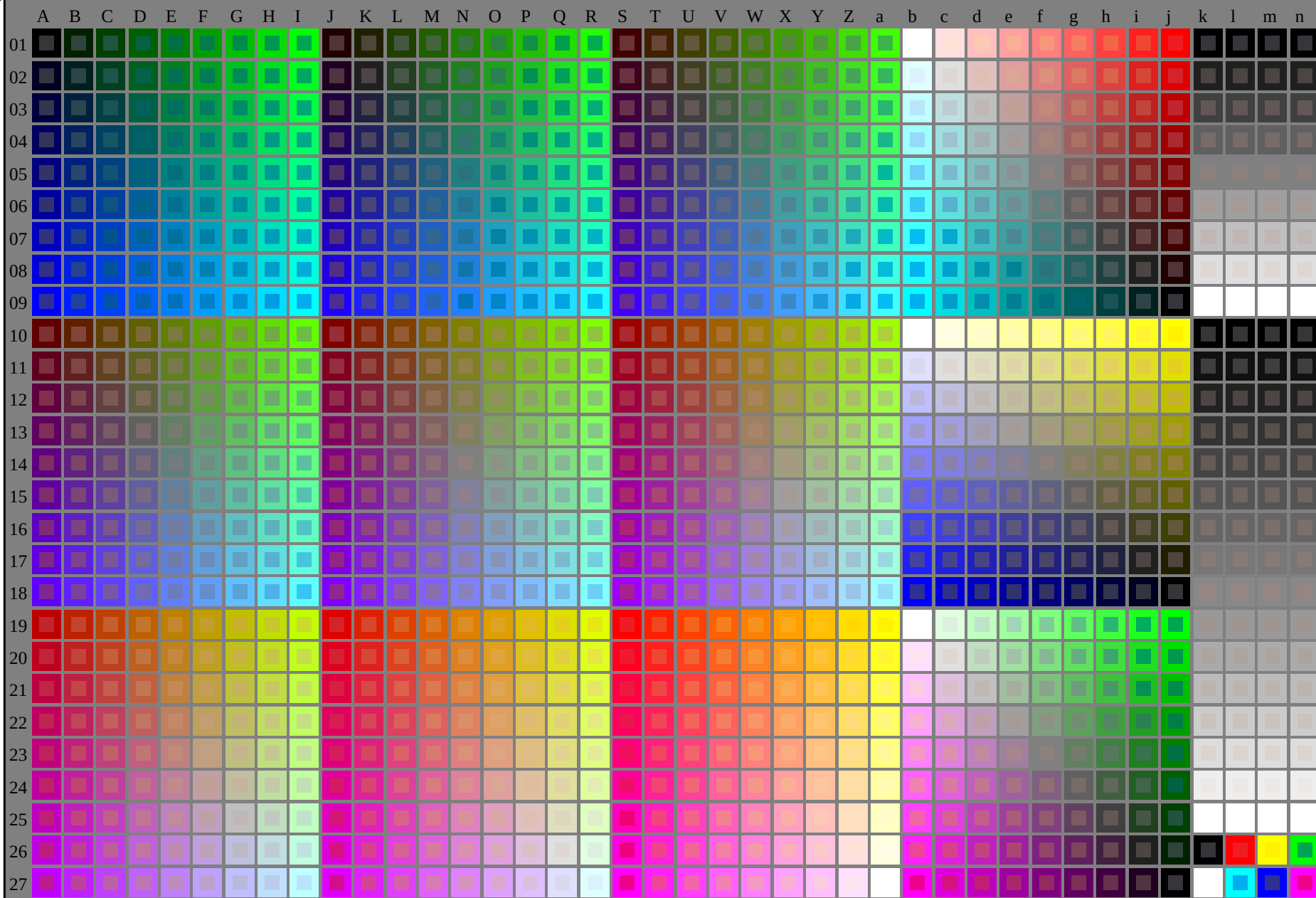


see similar files: <http://130.149.60.45/~farbmetrik/SE18/SE18.HTM>  
technical information: <http://www.ps.bam.de> or <http://130.149.60.45/~farbmetrik>

TUB registration: 20130201-SE18/SE18L0NA.TXT /.PS  
application for measurement of offset print output

TUB material: code=rha4ta



1-013031-L0

SE180-7N

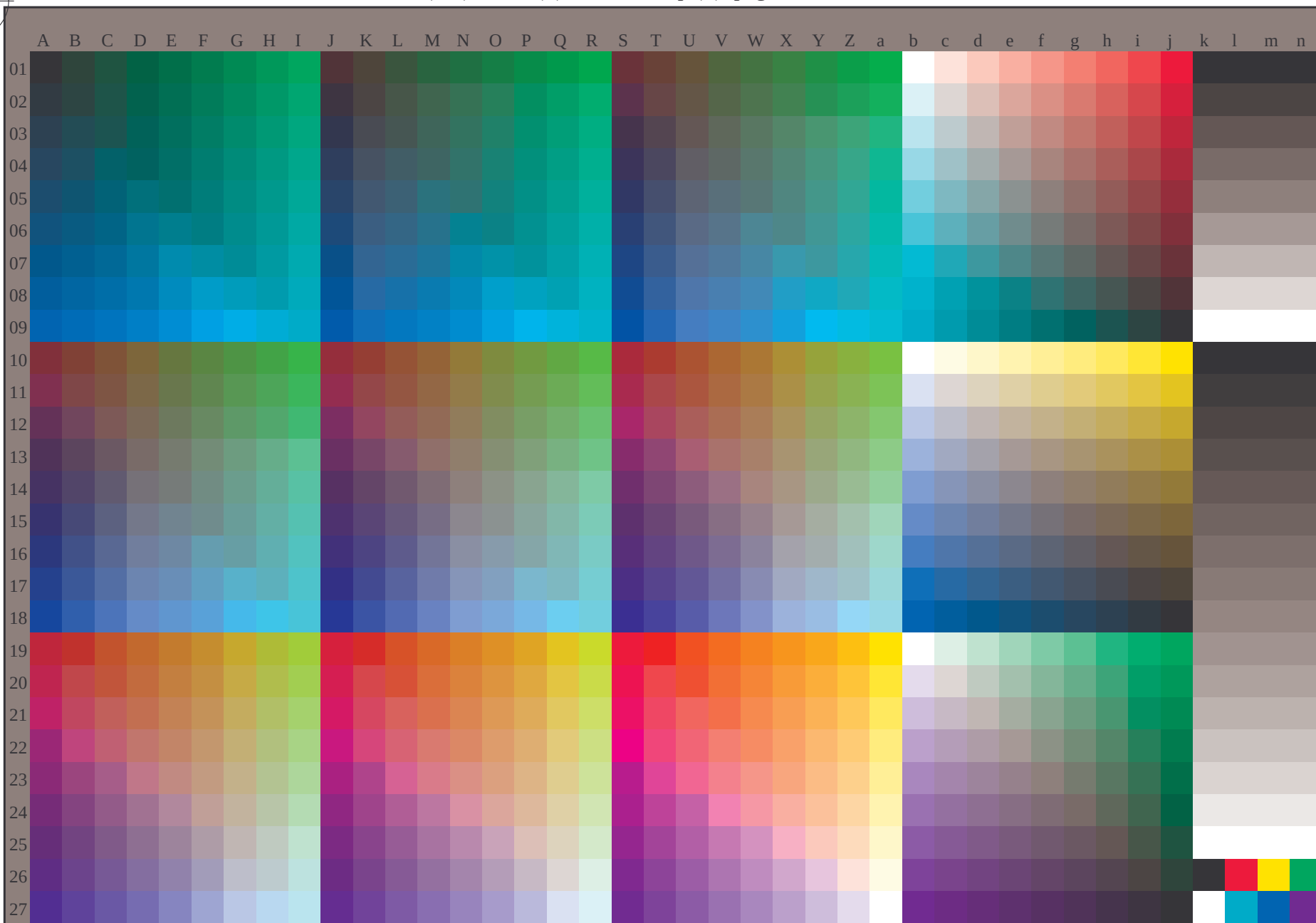
Test chart G with 40x27=1080 colours; digital equidistant 9 or 16 step colour scales; Colour data in column (A-n): **rgb + cmy0** (A-j + k26\_n27), 000n (k), w (l), nnn0 (m), www (n), 3D = 0

TUB-test chart SE18; 1080 colours, offset standard paper  
Test chart according to DIN 33872

input: *rgb/cmyk* -> *rgb/cmyk*  
output: no change

see similar files: <http://130.149.60.45/~farbmetrik/SE18/SE18.HTM>  
technical information: <http://www.ps.bam.de> or <http://130.149.60.45/~farbmetrik>

TUB registration: 20130201-SE18/SE18L0NA.TXT /.PS TUB material: code=rha4ta  
application for measurement of offset print output, separationcmy0 (CMY0)



1-013131-L0

SE180-71

Test chart G with 40x27=1080 colours; digital equidistant 9 or 16 step colour scales; Colour data in column (A-n):  $rgb(A_n)$ ,  $3D=0$ 

TUB-test chart SE18; 1080 colours, offset standard paper  
Test chart according to DIN 33872,  $3D=0$ ,  $de=1$ ,  $cmy0$

input:  $rgb/cmyk \rightarrow rgb_e$   
output: transfer to  $cmy0_e$

1-013131-F0

C

M

Y

O

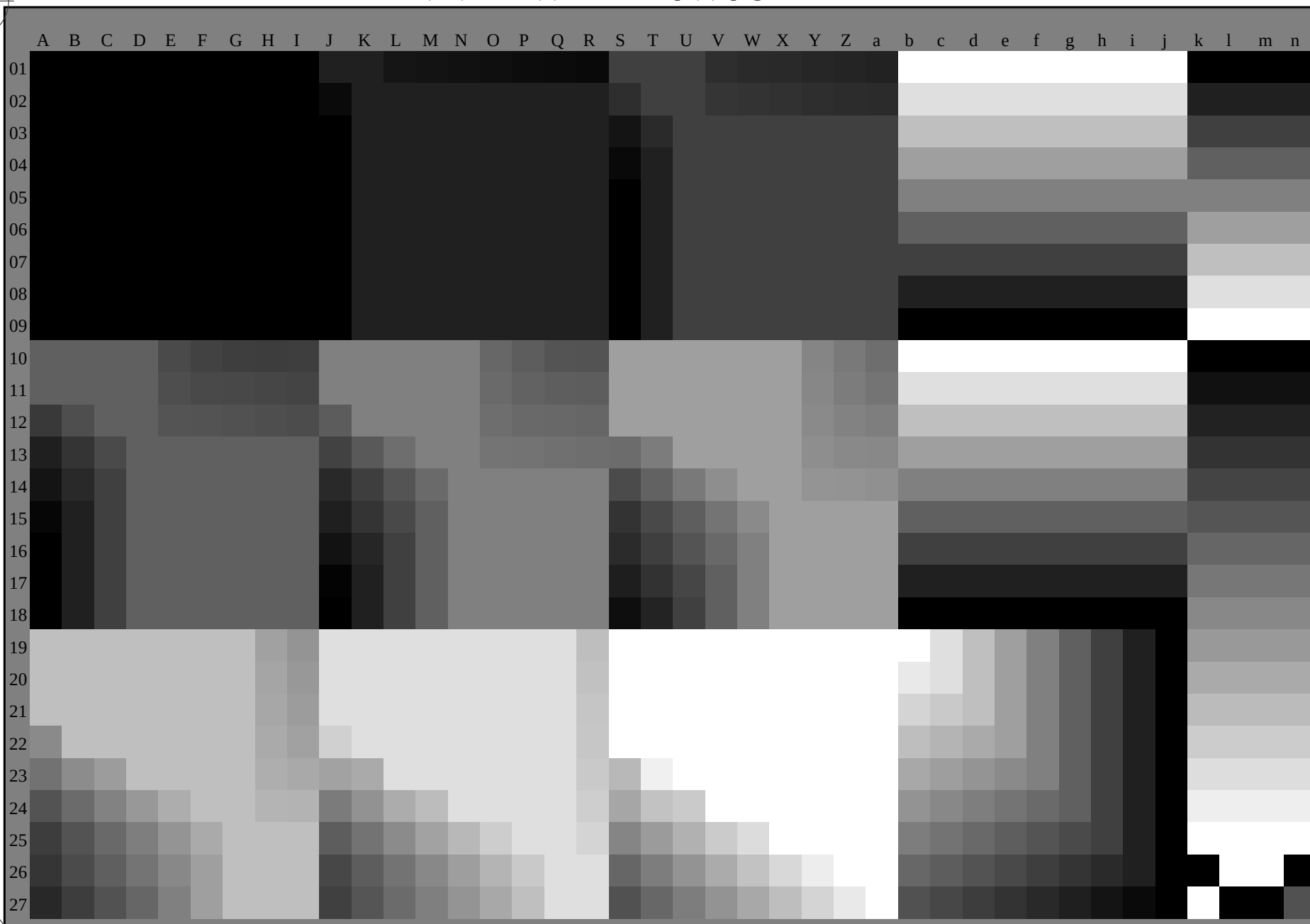
L

V

C

see similar files: <http://130.149.60.45/~farbmetrik/SE18/SE18.HTM>  
technical information: <http://www.ps.bam.de> or <http://130.149.60.45/~farbmetrik>

TUB registration: 20130201-SE18/SE18L0NA.TXT /.PS TUB material: code=rha4ta  
application for measurement of offset print output, separationcmy0 (CMY0)



1-013231-L0

SE180-71

Test chart G with 40x27=1080 colours; digital equidistant 9 or 16 step colour scales; Colour data in column (A-n);, 3D = 0

TUB-test chart SE18; 1080 colours, offset standard paper  
Test chart according to DIN 33872, 3D=0, de=1, cmy0

input:  $rgb/cmyk \rightarrow rgb_e$   
output: transfer to  $cmy0_e$

1-013231-E0

C

M

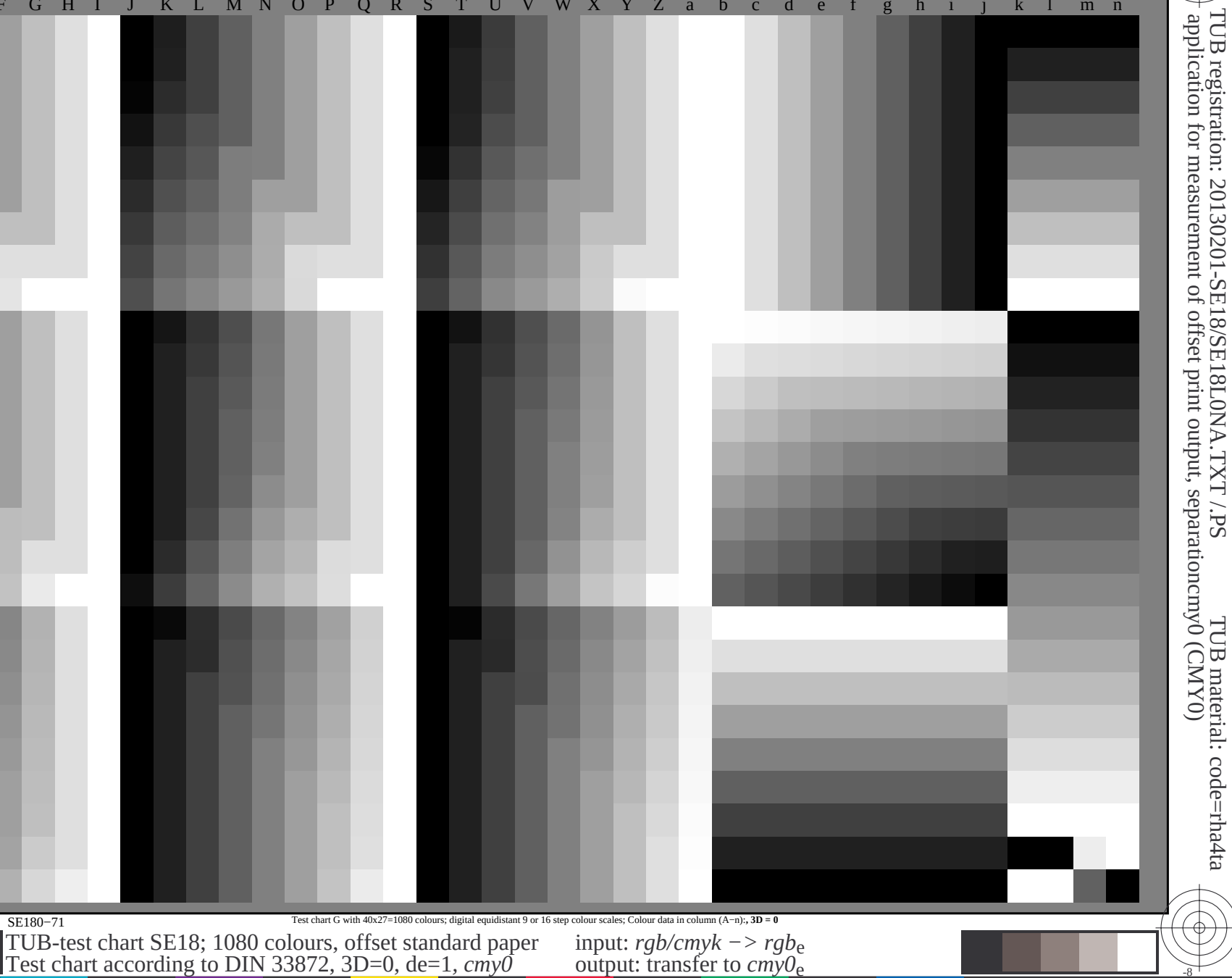
Y

O

L

V

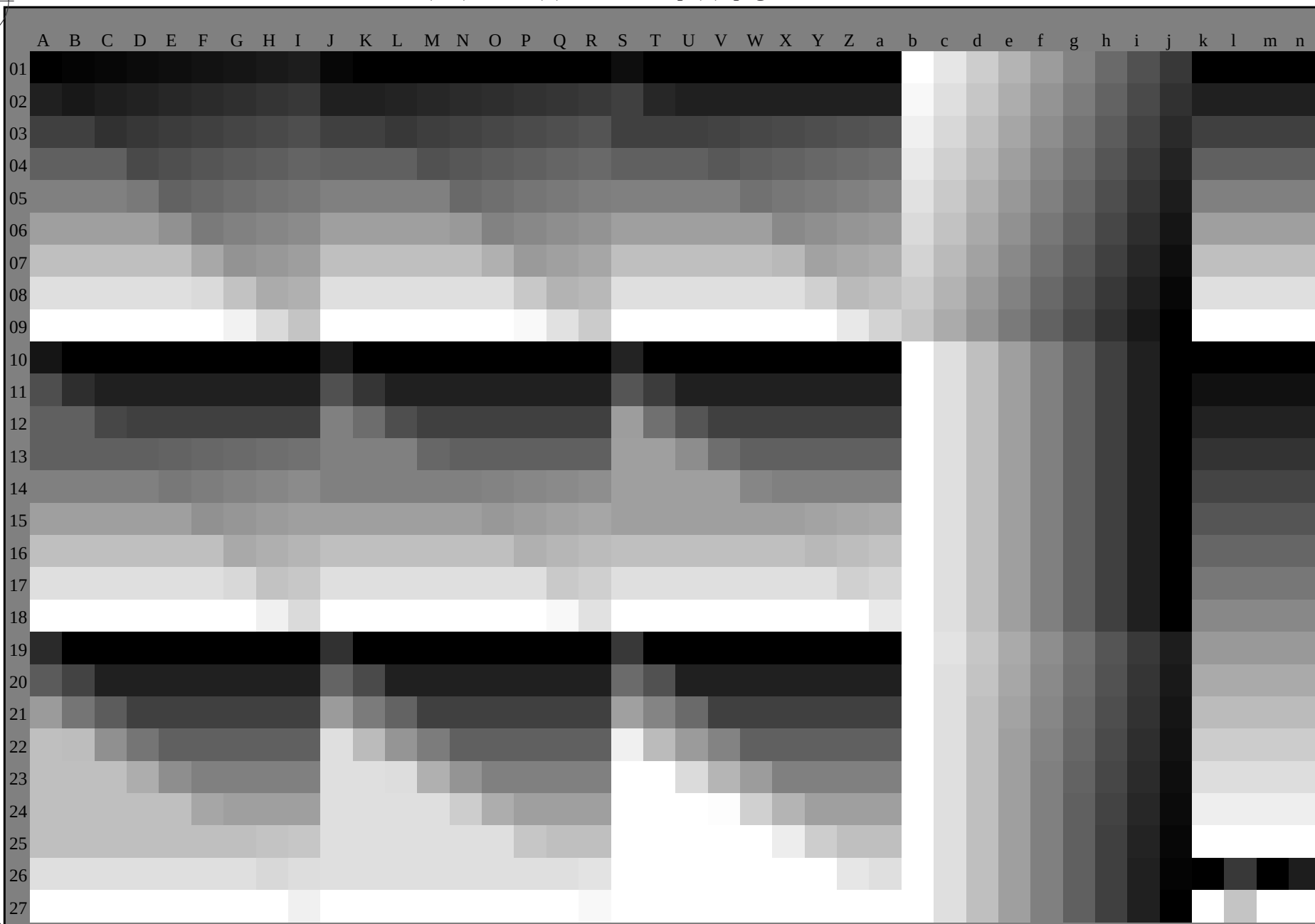
C



http://130.149.60.45/~farbmetrik/SE18/SE18L0NA.TXT /.PS; transfer output  
N: no 3D-linearization (OL) in file (F) or PS-startup (S), page 5/33

see similar files: <http://130.149.60.45/~farbmetrik/SE18/SE18.HTM>  
technical information: <http://www.ps.bam.de> or <http://130.149.60.45/~farbmetrik>

TUB registration: 20130201-SE18/SE18L0NA.TXT /.PS TUB material: code=rh4ta  
application for measurement of offset print output, separationcmy0 (CMY0)



1-013431-L0

SE180-71

Test chart G with 40x27=1080 colours; digital equidistant 9 or 16 step colour scales; Colour data in column (A-n);, 3D = 0

TUB-test chart SE18; 1080 colours, offset standard paper  
Test chart according to DIN 33872, 3D=0, de=1, cmy0

input:  $rgb/cmyk \rightarrow rgb_e$   
output: transfer to  $cmy0_e$

1-013431-E0

C

M

Y

O

L

V

C

see similar files: <http://130.149.60.45/~farbmetrik/SE18/SE18.HTM>  
technical information: <http://www.ps.bam.de> or <http://130.149.60.45/~farbmetrik>

Data of Maximum color M in colorimetric system Offset standard print; separation cmy0\*, D65 for input or output; Six hue angles of the 60 degree standard colours  $RYGCBM_s$ :  $h_{ab,ds} = 30.0, 90.0, 150.0, 210.0, 270.0, 330.0$ ;  
Six hue angles of the device colours  $RYGCBM_d$ :  $h_{ab,d} = 32.6, 94.4, 157.0, 233.3, 303.9, 359.5$ ; Six hue angles of the elementary colours  $RYGCBM_e$ :  $h_{ab,e} = 25.5, 92.3, 162.2, 217.0, 271.7, 328.6$

$J=Y_d$  Yellow

$LCH^*_d = 88.0 \ 90.0 \ 94.3$

$LAB^*_d = 88.0 \ -6.8 \ 89.7$

$rgb^*_d = 1.0 \ 1.0 \ 0.0$

$L=G_d$  leaf-green

$LCH^*_d = 49.6 \ 70.6 \ 157.0$

$LAB^*_d = 49.6 \ -65.0 \ 27.6$

$rgb^*_d = 0.0 \ 1.0 \ 0.0$

$C=C_d$  cyan-blue

$LCH^*_d = 57.0 \ 49.7 \ 233.2$

$LAB^*_d = 57.0 \ -29.7 \ -39.8$

$rgb^*_d = 0.0 \ 1.0 \ 1.0$

$O=R_d$  orange-red

$LCH^*_d = 46.4 \ 83.4 \ 32.5$

$LAB^*_d = 46.4 \ 70.3 \ 44.9$

$rgb^*_d = 1.0 \ 0.0 \ 0.0$

$M=M_d$  magenta-red

$LCH^*_d = 47.2 \ 78.3 \ 359.5$

$LAB^*_d = 47.2 \ 78.3 \ -0.6$

$rgb^*_d = 1.0 \ 0.0 \ 1.0$

$V=B_d$  violet-blue

$LCH^*_d = 25.8 \ 46.7 \ 303.9$

$LAB^*_d = 25.8 \ 26.0 \ -38.7$

$rgb^*_d = 0.0 \ 0.0 \ 1.0$

$Y_e$  yellow

$LCH^*_e = 85.8 \ 87.5 \ 92.3$

$LAB^*_e = 85.8 \ -3.5 \ 87.4$

$rgb^*_{de} = 1.0 \ 0.93 \ 0.0$

$G_e$  green

$LCH^*_e = 50.3 \ 65.8 \ 162.2$

$LAB^*_e = 50.3 \ -62.6 \ 20.1$

$rgb^*_{de} = 0.0 \ 1.0 \ 0.112$

$C_e$  blue-green

$LCH^*_e = 55.4 \ 47.3 \ 216.9$

$LAB^*_e = 55.4 \ -37.8 \ -28.4$

$rgb^*_{de} = 0.0 \ 1.0 \ 0.767$

$B_e$  blue

$LCH^*_e = 38.7 \ 38.9 \ 271.7$

$LAB^*_e = 38.7 \ 1.1 \ -38.9$

$rgb^*_{de} = 0.0 \ 0.38 \ 1.0$

$R_e$  red

$LCH^*_e = 46.6 \ 79.2 \ 25.4$

$LAB^*_e = 46.6 \ 71.5 \ 34.1$

$rgb^*_{de} = 1.0 \ 0.0 \ 0.219$

$M_e$  blue-red

$LCH^*_e = 31.5 \ 53.5 \ 328.6$

$LAB^*_e = 31.5 \ 45.7 \ -27.9$

$rgb^*_{de} = 0.319 \ 0.0 \ 1.0$

$Y_s$  yellow

$LCH^*_s = 83.5 \ 84.9 \ 90.0$

$LAB^*_s = 83.5 \ 0.0 \ 84.9$

$rgb^*_{ds} = 1.0 \ 0.86 \ 0.0$

$G_s$  green

$LCH^*_s = 52.7 \ 66.4 \ 150.0$

$LAB^*_s = 52.7 \ -57.5 \ 33.2$

$rgb^*_{ds} = 0.083 \ 1.0 \ 0.0$

$R_s$  red

$LCH^*_s = 46.5 \ 81.7 \ 30.0$

$LAB^*_s = 46.5 \ 70.7 \ 40.8$

$rgb^*_{ds} = 1.0 \ 0.0 \ 0.084$

$M_s$  blue-red

$LCH^*_s = 32.0 \ 54.2 \ 330.0$

$LAB^*_s = 32.0 \ 46.9 \ -27.1$

$rgb^*_{ds} = 0.334 \ 0.0 \ 1.0$

$C_s$  blue-green

$LCH^*_s = 54.7 \ 47.4 \ 210.0$

$LAB^*_s = 54.7 \ -41.0 \ -23.7$

$rgb^*_{ds} = 0.0 \ 1.0 \ 0.685$

$B_s$  blue

$LCH^*_s = 39.4 \ 39.0 \ 270.0$

$LAB^*_s = 39.4 \ 0.0 \ -39.0$

$rgb^*_{ds} = 0.0 \ 0.399 \ 1.0$

Notes to the CIELAB chroma diagrams ( $a^*_d, b^*_d$ ), ( $a^*_s, b^*_s$ ), ( $a^*_e, b^*_e$ )

1. For the  $rgb^*$ -input values the CIELAB data  $LCH^*$  and  $LAB^*$  have been calculated.

2. For the calculation of the standard hue angle  $h_{ab,s}$  use for any device values  $rgb^*$  the equation:

$$h_{ab,s} = \text{atan} [ r^*_d \cos(30) + g^*_d \cos(150) ] / [ r^*_d \sin(30) + g^*_d \sin(150) + b^*_d \sin(270) ] \quad (1)$$

3. For the 48 or 360 equally spaced standard hue angles  $h_{ab,s}$  of the colours of maximum chroma use the seven hue angles of the 60 degree colours  $s$ :  $h_{ab,s} = 30.0, 90.0, 150.0, 210.0, 270.0, 330.0, 390.0$  ( $i=0,6$ ) and the equations for a 48 and 360 step hue circle:

$$h_{48ab,sij} = h_{ab,si} + j [h_{ab,si+1} - h_{ab,si}] / 8 \quad (i = 0, 1, \dots, 5; j = 0, 1, \dots, 7) \quad (2)$$

$$h_{360ab,sij} = h_{ab,si} + j [h_{ab,si+1} - h_{ab,si}] / 60 \quad (i = 0, 1, \dots, 5; j = 0, 1, \dots, 59) \quad (3)$$

4. For the 48 or 360 elementary hue angles  $h_{ab,e}$  of the colours of maximum chroma use the seven hue angles of the elementary colours  $e$ :  $h_{ab,e} = 25.5, 92.3, 162.2, 217.0, 271.7, 328.6, 385.5$  ( $i=0,6$ ) and the equations for a 48 and 360 step elementary hue circle:

$$h_{48ab,eij} = h_{ab,ei} + j [h_{ab,ei+1} - h_{ab,ei}] / 8 \quad (i = 0, 1, \dots, 5; j = 0, 1, \dots, 7) \quad (4)$$

$$h_{360ab,eij} = h_{ab,ei} + j [h_{ab,ei+1} - h_{ab,ei}] / 60 \quad (i = 0, 1, \dots, 5; j = 0, 1, \dots, 59) \quad (5)$$

5. For any elementary hue angle  $h_{ab,e}$  there is a well defined device hue angle  $h_{ab,d}$  see the following tables, columns 1 to 5 or 1 to 4.

6. The values  $rgb^*_{de}$  produce the output of the device-independent elementary hues

1-013631-L0

SE180-71

$LAB^*_{a0}, YN=0\%, XYZ_{nw}=3.5, 4.0, 6.0, 86.2, 91.2, 96.3, LAB^*_{nw}=23.6, 0.0, 0.0, 96.5, 0.0, 0.0$

Output: Offset standard print; separation cmy0\*, D65, page 7/33

TUB-test chart SE18; 1080 colours, offset standard paper  
48 step hue circles;  $rgb-LabCh^*$  tables, 3D=0, de=1, cmy0

input:  $rgb/cmyk \rightarrow rgb_e$   
output: transfer to  $cmy0_e$

1-013631-E0

Data of Maximum color M in colorimetric system Offset standard print; separation cmy0\*, D65 for input or output; Six hue angles of the 60 degree standard colours  $RYGCBM_s$ :  $h_{ab,ds} = 30.0, 90.0, 150.0, 210.0, 270.0, 330.0$ ;  
Six hue angles of the device colours  $RYGCBM_d$ :  $h_{ab,d} = 32.6, 94.4, 157.0, 233.3, 303.9, 359.5$ ; Six hue angles of the elementary colours  $RYGCBM_e$ :  $h_{ab,e} = 25.5, 92.3, 162.2, 217.0, 271.7, 328.6$

| $h_{ab,d}$ | $h_{ab,s}$ | $h_{ab,e}$ | $rgb^*_{dd64M}$ | $LAB^*_{ddx64M}(x=LabCh)$ | $rgb^*_{ddx361M}$ | $LAB^*_{ddx361M}(x=LabCh)$ | $rgb^*_{dsx361M}$ | $LAB^*_{dsx361M}(x=LabCh)$ | $rgb^*_{dex361M}$ | $LAB^*_{dex361M}$ | $rgb^*_{de}$ | $rgb^*_{ds}$ | $rgb^*_{de}$ |      |       |       |      |      |       |       |       |      |       |       |       |      |     |
|------------|------------|------------|-----------------|---------------------------|-------------------|----------------------------|-------------------|----------------------------|-------------------|-------------------|--------------|--------------|--------------|------|-------|-------|------|------|-------|-------|-------|------|-------|-------|-------|------|-----|
| 32.5       | 30.0       | 25.4       | 1.0             | 0.0                       | 0.0               | 46.4                       | 70.3              | 44.9                       | 83.4              | 32.5              | 1.0          | 0.0          | 0.0          | 46.4 | 70.3  | 44.9  | 83.4 | 32.5 | 1.0   | 0.0   | 0.0   | 46.4 | 70.3  | 44.9  | 83.4  | 32.5 |     |
| 38.1       | 37.5       | 33.8       | 1.0             | 0.125                     | 0.0               | 49.9                       | 62.1              | 48.7                       | 79.0              | 38.1              | 1.0          | 0.117        | 0.0          | 49.7 | 62.7  | 48.6  | 79.3 | 37   | 1.0   | 0.099 | 0.0   | 49.2 | 63.8  | 48.1  | 79.9  | 37   |     |
| 46.5       | 45.0       | 42.1       | 1.0             | 0.25                      | 0.0               | 54.8                       | 51.4              | 54.3                       | 74.8              | 46.5              | 1.0          | 0.25         | 0.0          | 54.9 | 51.4  | 54.4  | 74.8 | 46   | 1.0   | 0.226 | 0.0   | 53.9 | 53.5  | 53.5  | 75.6  | 45   |     |
| 56.7       | 52.5       | 50.5       | 1.0             | 0.375                     | 0.0               | 60.5                       | 39.6              | 60.5                       | 72.3              | 56.7              | 1.0          | 0.367        | 0.0          | 60.1 | 40.4  | 60.2  | 72.5 | 56   | 1.0   | 0.316 | 0.0   | 57.9 | 45.3  | 57.9  | 73.5  | 52   |     |
| 66.8       | 60.0       | 58.8       | 1.0             | 0.5                       | 0.0               | 66.4                       | 28.5              | 66.7                       | 72.5              | 66.8              | 1.0          | 0.5          | 0.0          | 66.4 | 28.5  | 66.7  | 72.6 | 66   | 1.0   | 0.415 | 0.0   | 62.4 | 36.2  | 62.7  | 72.4  | 60   |     |
| 77.9       | 67.5       | 67.2       | 1.0             | 0.625                     | 0.0               | 73.5                       | 15.9              | 74.3                       | 76.0              | 77.9              | 1.0          | 0.617        | 0.0          | 73.1 | 16.8  | 73.9  | 75.8 | 77   | 1.0   | 0.502 | 0.0   | 66.5 | 28.4  | 66.8  | 72.6  | 67   |     |
| 85.1       | 75.0       | 75.6       | 1.0             | 0.75                      | 0.0               | 79.1                       | 6.8               | 80.2                       | 80.5              | 85.1              | 1.0          | 0.75         | 0.0          | 79.1 | 6.8   | 80.3  | 80.6 | 85   | 1.0   | 0.592 | 0.0   | 71.7 | 19.4  | 72.6  | 75.1  | 75   |     |
| 90.6       | 82.5       | 83.9       | 1.0             | 0.875                     | 0.0               | 84.1                       | -0.9              | 85.5                       | 85.5              | 90.6              | 1.0          | 0.867        | 0.0          | 83.8 | -0.3  | 85.2  | 85.2 | 90   | 1.0   | 0.695 | 0.0   | 76.7 | 10.9  | 77.8  | 78.6  | 82   |     |
| 94.3       | 90.0       | 92.3       | 1.0             | 1.0                       | 0.0               | 88.0                       | -6.8              | 89.7                       | 90.0              | 94.3              | 1.0          | 1.0          | 0.0          | 88.1 | -6.8  | 89.8  | 90.0 | 94   | 1.0   | 0.86  | 0.0   | 83.5 | 0.0   | 84.9  | 84.9  | 90   |     |
| 97.1       | 97.5       | 101.0      | 0.875           | 1.0                       | 0.0               | 84.5                       | -10.3             | 82.8                       | 83.5              | 97.1              | 0.883        | 1.0          | 0.0          | 84.8 | -10.0 | 83.3  | 84.0 | 96   | 0.88  | 1.0   | 0.0   | 84.7 | -10.1 | 83.2  | 83.8  | 97   |     |
| 100.2      | 105.0      | 109.7      | 0.75            | 1.0                       | 0.0               | 80.5                       | -14.0             | 77.6                       | 78.9              | 100.2             | 0.75         | 1.0          | 0.0          | 80.6 | -13.9 | 77.7  | 78.9 | 100  | 0.647 | 1.0   | 0.0   | 76.8 | -19.6 | 73.5  | 76.1  | 105  |     |
| 106.0      | 112.5      | 118.5      | 0.625           | 1.0                       | 0.0               | 75.9                       | -20.8             | 72.5                       | 75.5              | 106.0             | 0.633        | 1.0          | 0.0          | 76.3 | -20.3 | 72.9  | 75.7 | 105  | 0.523 | 1.0   | 0.0   | 71.7 | -25.8 | 64.2  | 69.3  | 112  |     |
| 113.3      | 120.0      | 127.2      | 0.5             | 1.0                       | 0.0               | 70.6                       | -26.9             | 62.2                       | 67.8              | 113.3             | 0.5          | 1.0          | 0.0          | 70.7 | -26.8 | 62.3  | 67.8 | 113  | 0.399 | 1.0   | 0.0   | 66.4 | -32.4 | 56.2  | 64.9  | 120  |     |
| 121.5      | 127.5      | 136.0      | 0.375           | 1.0                       | 0.0               | 65.4                       | -33.6             | 54.7                       | 64.2              | 121.5             | 0.383        | 1.0          | 0.0          | 65.8 | -33.1 | 55.2  | 64.5 | 121  | 0.328 | 1.0   | 0.0   | 62.8 | -38.6 | 51.4  | 64.3  | 127  |     |
| 135.8      | 135.0      | 144.7      | 0.25            | 1.0                       | 0.0               | 58.4                       | -46.3             | 44.9                       | 64.5              | 135.8             | 0.25         | 1.0          | 0.0          | 58.5 | -46.2 | 44.9  | 64.5 | 135  | 0.258 | 1.0   | 0.0   | 58.9 | -45.5 | 45.6  | 64.5  | 135  |     |
| 146.5      | 142.5      | 153.4      | 0.125           | 1.0                       | 0.0               | 54.2                       | -53.6             | 35.4                       | 64.3              | 146.5             | 0.133        | 1.0          | 0.0          | 54.5 | -53.2 | 36.2  | 64.4 | 145  | 0.178 | 1.0   | 0.0   | 56.0 | -50.7 | 39.7  | 64.4  | 142  |     |
| 157.0      | 150.0      | 162.2      | 0.0             | 1.0                       | 0.0               | 49.6                       | -65.0             | 27.6                       | 70.6              | 157.0             | 0.0          | 1.0          | 0.0          | 49.7 | -65.0 | 27.6  | 70.7 | 157  | 0.084 | 1.0   | 0.0   | 52.7 | -57.4 | 33.2  | 66.5  | 150  |     |
| 162.8      | 157.5      | 169.0      | 0.0             | 1.0                       | 0.125             | 50.4                       | -62.3             | 19.2                       | 65.2              | 162.8             | 0.0          | 1.0          | 0.117        | 50.4 | -62.5 | 19.8  | 65.7 | 162  | 0.0   | 1.0   | 0.0   | 49.7 | -65.0 | 27.6  | 70.7  | 157  |     |
| 170.5      | 165.0      | 175.9      | 0.0             | 1.0                       | 0.25              | 51.1                       | -58.4             | 9.7                        | 59.2              | 170.5             | 0.0          | 1.0          | 0.25         | 51.1 | -58.4 | 9.7   | 59.3 | 170  | 0.0   | 1.0   | 0.16  | 50.7 | -61.3 | 16.5  | 63.6  | 165  |     |
| 180.7      | 172.5      | 182.7      | 0.0             | 1.0                       | 0.375             | 52.0                       | -53.7             | -0.7                       | 53.7              | 180.7             | 0.0          | 1.0          | 0.367        | 52.0 | -54.0 | 0.0   | 54.1 | 180  | 0.0   | 1.0   | 0.268 | 51.3 | -57.8 | 8.1   | 58.5  | 172  |     |
| 192.6      | 180.0      | 189.6      | 0.0             | 1.0                       | 0.5               | 53.0                       | -48.2             | -10.8                      | 49.4              | 192.6             | 0.0          | 1.0          | 0.5          | 53.1 | -48.2 | -10.7 | 49.5 | 192  | 0.0   | 1.0   | 0.365 | 52.0 | -54.1 | 0.0   | 54.2  | 180  |     |
| 204.6      | 187.5      | 196.4      | 0.0             | 1.0                       | 0.625             | 54.2                       | -43.2             | -19.8                      | 47.5              | 204.6             | 0.0          | 1.0          | 0.617        | 54.1 | -43.5 | -19.2 | 47.7 | 203  | 0.0   | 1.0   | 0.441 | 52.6 | -51.0 | -6.2  | 51.5  | 187  |     |
| 215.7      | 195.0      | 203.2      | 0.0             | 1.0                       | 0.75              | 55.3                       | -38.3             | -27.5                      | 47.2              | 215.7             | 0.0          | 1.0          | 0.75         | 55.4 | -38.2 | -27.5 | 47.2 | 215  | 0.0   | 1.0   | 0.525 | 53.3 | -47.3 | -12.6 | 49.1  | 195  |     |
| 224.8      | 202.5      | 210.1      | 0.0             | 1.0                       | 0.875             | 56.1                       | -34.1             | -33.9                      | 48.1              | 224.8             | 0.0          | 1.0          | 0.867        | 56.1 | -34.3 | -33.4 | 48.1 | 224  | 0.0   | 1.0   | 0.598 | 54.0 | -44.4 | -17.9 | 48.0  | 202  |     |
| 233.2      | 210.0      | 216.9      | 0.0             | 1.0                       | 1.0               | 57.0                       | -29.7             | -39.8                      | 49.7              | 233.2             | 0.0          | 1.0          | 1.0          | 57.0 | -29.6 | -39.8 | 49.8 | 233  | 0.0   | 1.0   | 0.686 | 54.8 | -41.0 | -23.6 | 47.4  | 210  |     |
| 237.7      | 217.5      | 223.8      | 0.0             | 0.875                     | 1.0               | 54.2                       | -25.1             | -39.8                      | 47.1              | 237.7             | 0.0          | 0.883        | 1.0          | 54.5 | -25.3 | -39.8 | 47.3 | 237  | 0.0   | 1.0   | 0.768 | 55.5 | -37.7 | -28.4 | 47.4  | 217  |     |
| 243.5      | 225.0      | 230.6      | 0.0             | 0.75                      | 1.0               | 50.9                       | -19.7             | -39.7                      | 44.3              | 243.5             | 0.0          | 0.75         | 1.0          | 50.9 | -19.7 | -39.7 | 44.4 | 243  | 0.0   | 1.0   | 0.877 | 56.2 | -33.9 | -33.9 | 48.2  | 225  |     |
| 249.9      | 232.5      | 237.5      | 0.0             | 0.625                     | 1.0               | 47.6                       | -14.3             | -39.4                      | 42.0              | 249.9             | 0.0          | 0.633        | 1.0          | 47.9 | -14.6 | -39.4 | 42.2 | 249  | 0.0   | 1.0   | 0.981 | 56.9 | -30.4 | -38.9 | 49.5  | 232  |     |
| 260.8      | 240.0      | 244.3      | 0.0             | 0.5                       | 1.0               | 43.1                       | -6.3              | -39.3                      | 39.8              | 260.8             | 0.0          | 0.5          | 1.0          | 43.1 | -6.2  | -39.2 | 39.8 | 260  | 0.0   | 1.0   | 0.827 | 1.0  | 53.0  | -22.9 | -39.8 | 46.1 | 240 |
| 272.2      | 247.5      | 251.2      | 0.0             | 0.375                     | 1.0               | 38.5                       | 1.5               | -38.8                      | 38.9              | 272.2             | 0.0          | 0.383        | 1.0          | 38.8 | 1.0   | -38.9 | 39.0 | 271  | 0.0   | 1.0   | 0.683 | 1.0  | 49.2  | -16.7 | -39.6 | 43.1 | 247 |
| 284.2      | 255.0      | 258.0      | 0.0             | 0.25                      | 1.0               | 34.1                       | 9.8               | -38.8                      | 40.0              | 284.2             | 0.0          | 0.25         | 1.0          | 34.1 | 9.9   | -38.7 | 40.1 | 284  | 0.0   | 1.0   | 0.567 | 1.0  | 45.6  | -10.5 | -39.5 | 41.0 | 255 |
| 295.4      | 262.5      | 264.8      | 0.0             | 0.125                     | 1.0               | 29.5                       | 18.5              | -38.8                      | 43.0              | 295.4             | 0.0          | 0.133        | 1.0          | 29.8 | 17.9  | -38.8 | 42.9 | 294  | 0.0   | 1.0   | 0.487 | 1.0  | 42.7  | -5.4  | -39.3 | 39.7 | 262 |
| 303.9      | 270.0      | 271.7      | 0.0             | 0.0                       | 1.0               | 25.8                       | 26.0              | -38.7                      | 46.7              | 303.9             | 0.0          | 0.0          | 1.0          | 25.9 | 26.1  | -38.7 | 46.7 | 303  | 0.0   | 1.0   | 0.4   | 1.0  | 39.4  | 0.0   | -39.0 | 39.1 | 270 |
| 312.9      | 277.5      | 278.8      | 0.125           | 0.0                       | 1.0               | 28.4                       | 32.6              | -35.0                      | 47.9              | 312.9             | 0.117        | 0.0          | 1.0          | 28.3 | 32.2  | -35.3 | 47.8 | 312  | 0.0   | 1.0   | 0.326 | 1.0  | 36.8  | 4.8   | -39.0 | 39.4 | 277 |
| 322.0      | 285.0      | 285.9      | 0.25            | 0.0                       | 1.0               | 29.2                       | 39.8              | -31.1                      | 50.6              | 322.0             | 0.25         | 0.0          | 1.0          | 29.3 | 39.9  | -31.1 | 50.6 | 322  | 0.0   | 1.0   | 0.242 | 1.0  | 33.8  | 10.4  | -38.8 | 40.3 | 285 |
| 333.8      | 292.5      | 293.0      | 0.375           | 0.0                       | 1.0               | 33.3                       | 50.2              | -24.6                      | 55.9              | 333.8             | 0.367        | 0.0          | 1.0          | 33.1 | 49.6  | -25.1 | 55.6 | 333  | 0.0   | 1.0   | 0.164 | 1.0  | 31.0  | 15.8  | -39.0 | 42.1 | 292 |
| 340.6      | 300.0      | 300.1      | 0.5             | 0.0                       | 1.0               | 36.7                       | 56.5              | -19.8                      | 59.9              | 340.6             | 0.5          | 0.0          | 1.0          | 36.8 | 56.6  | -19.8 | 60.0 | 340  | 0.0   | 1.0   | 0.058 | 1.0  | 27.6  | 22.5  | -38.9 | 45.0 | 300 |
| 348.4      | 307.5      | 307.2      | 0.625           | 0.0                       | 1.0               | 39.1                       | 64.4              | -13.1                      | 65.7              | 348.4             | 0.617        | 0.0          | 1.0          | 39.0 | 64.0  | -13.5 | 65.4 | 347  | 0.043 | 0.0   | 1.0   | 26.8 | 28.4  | -37.6 | 47.1  | 307  |     |
| 353.1      | 315.0      | 314.3      | 0.75            | 0.0                       | 1.0               | 42.7                       | 70.0              | -8.4                       | 70.5              | 353.1             | 0.75         | 0.0          | 1.0          | 42.8 | 70.0  | -8.3  | 70.5 | 353  | 0.154 | 0.0   | 1.0   | 28.7 | 34.3  | -34.2 | 48.5  | 315  |     |
| 356.0      | 322.5      | 321.4      | 0.875           | 0.0                       | 1.0               | 45.4                       | 73.8              | -5.1                       | 74.0              | 356.0             | 0.867        | 0.0          | 1.0          | 45.3 | 73.6  | -5.3  | 73.8 | 355  | 0.25  | 0.0   | 1.0   | 29.3 | 39.9  | -31.1 | 50.6  | 322  |     |
| 359.5      | 330.0      | 328.6      | 1.0             | 0.0                       | 1.0               | 47.2                       | 78.3              | -0.6                       | 78.3              | 359.5             | 1.0          | 0.0          | 1.0          | 47.2 | 78.4  | -0.5  | 78.4 | 359  | 0.334 | 0.0   | 1.0   | 32.0 | 47.0  | -27.0 | 54.2  | 330  |     |
| 362.6      | 337.5      | 335.7      | 1.0             | 0.0                       | 0.875             | 47.0                       | 77.4              | 3.5                        | 77.4              | 362.6             | 1.0          | 0.0          | 0.883        | 47.1 | 77.5  | 3.3   | 77.5 | 362  | 0.433 | 0.0   | 1.0   | 34.9 | 53.2  | -22.5 | 57.8  | 337  |     |
| 365.8      | 345.0      | 342.8      | 1.0             | 0.0                       | 0.75              | 46.9                       | 76.3              | 7.8                        | 76.7              | 365.8             | 1.0          | 0.0          | 0.75         | 47.0 | 76.4  | 7.9   | 76.8 | 365  | 0.569 | 0.0   | 1.0   | 38.1 | 61.0  | -16.3 | 63.2  | 345  |     |
| 370.0      | 352.5      | 349.9      | 1.0             | 0.0                       | 0.625             | 46.9                       | 75.1              | 13.2                       | 76.2              | 370.0             | 1.0          | 0.0          | 0.633        | 46.9 | 75.2  | 12.9  | 76.3 | 369  | 0.719 | 0.0   | 1.0   | 41.9 | 68.7  | -9.6  | 69.4  | 352  |     |
| 374.4      | 360.0      | 357.0      | 1.0             | 0.0                       | 0.5               | 46.7                       | 74.0              | 19.0                       | 76.4              | 374.4             | 1.0          | 0.0          | 0.5          | 46.8 | 74.0  | 19.0  | 76.4 | 374  | 1.0   | 0.0   | 0.981 | 47.2 | 78.2  | 0.0   | 78.2  | 360  |     |
| 379.4      | 367.5      | 364.1      | 1.0             | 0.0                       | 0.375             | 46.9                       | 72.4              | 25.6                       | 76.8              | 379.4             | 1.0          | 0.0          | 0.383        | 46.9 | 72.6  | 25.2  | 76.8 | 379  | 1.0   | 0.0   | 0.716 | 47.0 | 76.1  | 9.3   | 76.6  | 367  |     |
| 384.4      | 375.0      | 371.2      | 1.0             | 0.0                       | 0.25              | 46.6                       | 71.6              | 32.5                       | 78.7              | 384.4             | 1.0          | 0.0          | 0.25         | 46.6 | 71.7  | 32.6  | 78.7 | 384  | 1.0   | 0.0   | 0.485 | 46.8 | 73.9  | 19.8  | 76.5  | 375  |     |
| 388.7      | 382.5      | 378.3      | 1.0             | 0.0                       | 0.125             | 46.5                       | 70.9              | 38.9                       | 80.9              | 388.7             | 1.0          | 0.0          | 0.133        | 46.6 | 71.0  | 38.5  | 80.8 | 388  | 1.0   | 0.0   | 0.311 | 46.8 | 72.2  |       |       |      |     |



Data of Maximum color M in colorimetric system Offset standard print; separation cmy0\*, D65 for input or output; Six hue angles of the 60 degree standard colours  $RYGCBM_s$ :  $h_{ab,ds} = 30.0, 90.0, 150.0, 210.0, 270.0, 330.0$ ;  
Six hue angles of the device colours  $RYGCBM_d$ :  $h_{ab,d} = 32.6, 94.4, 157.0, 233.3, 303.9, 359.5$ ; Six hue angles of the elementary colours  $RYGCBM_e$ :  $h_{ab,e} = 25.5, 92.3, 162.2, 217.0, 271.7, 328.6$

| $h_{ab,d}$ | $h_{ab,s}$ | $h_{ab,e}$ | $rgb^*_{dd64M}$ | $LAB^*_{ddx64M}(x=LabCh)$ | $rgb^*_{dex361M}$ | $LAB^*_{dex361M}$ | $rgb^*_{dd}$ | $rgb^*_{ds}$ | $rgb^*_{de}$ |       |       |     |       |       |       |       |       |       |       |      |     |  |  |  |
|------------|------------|------------|-----------------|---------------------------|-------------------|-------------------|--------------|--------------|--------------|-------|-------|-----|-------|-------|-------|-------|-------|-------|-------|------|-----|--|--|--|
| 32.5       | 30.0       | 25.4       | 1.0             | 0.0                       | 0.0               | 46.4              | 70.3         | 44.9         | 83.4         | 32.5  | 32.5  | 1.0 | 0.0   | 0.219 | 46.6  | 71.6  | 34.1  | 79.3  | 25    |      |     |  |  |  |
| 38.1       | 37.5       | 33.8       | 1.0             | 0.125                     | 0.0               | 49.9              | 62.1         | 48.7         | 79.0         | 38.1  | 38.1  | 1.0 | 0.016 | 0.0   | 46.9  | 69.3  | 45.5  | 82.9  | 33    |      |     |  |  |  |
| 46.5       | 45.0       | 42.1       | 1.0             | 0.25                      | 0.0               | 54.8              | 51.4         | 54.3         | 74.8         | 46.5  | 46.5  | 1.0 | 0.185 | 0.0   | 52.3  | 57.1  | 51.7  | 77.0  | 42    |      |     |  |  |  |
| 56.7       | 52.5       | 50.5       | 1.0             | 0.375                     | 0.0               | 60.5              | 39.6         | 60.5         | 72.3         | 56.7  | 56.7  | 1.0 | 0.292 | 0.0   | 56.7  | 47.6  | 56.7  | 74.0  | 49    |      |     |  |  |  |
| 66.8       | 60.0       | 58.8       | 1.0             | 0.5                       | 0.0               | 66.4              | 28.5         | 66.7         | 72.5         | 66.8  | 66.8  | 1.0 | 0.401 | 0.0   | 61.7  | 37.4  | 62.0  | 72.4  | 58    |      |     |  |  |  |
| 77.9       | 67.5       | 67.2       | 1.0             | 0.625                     | 0.0               | 73.5              | 15.9         | 74.3         | 76.0         | 77.9  | 77.9  | 1.0 | 0.498 | 0.0   | 66.3  | 28.7  | 66.6  | 72.6  | 66    |      |     |  |  |  |
| 85.1       | 75.0       | 75.6       | 1.0             | 0.75                      | 0.0               | 79.1              | 6.8          | 80.2         | 80.5         | 85.1  | 85.1  | 1.0 | 0.599 | 0.0   | 72.0  | 18.7  | 73.0  | 75.3  | 75    |      |     |  |  |  |
| 90.6       | 82.5       | 83.9       | 1.0             | 0.875                     | 0.0               | 84.1              | -0.9         | 85.5         | 85.5         | 90.6  | 90.6  | 1.0 | 0.72  | 0.0   | 77.8  | 9.1   | 78.9  | 79.5  | 83    |      |     |  |  |  |
| 94.3       | 90.0       | 92.3       | 1.0             | 1.0                       | 0.0               | 88.0              | -6.8         | 89.7         | 90.0         | 94.3  | 94.3  | 1.0 | 0.93  | 0.0   | 85.9  | -3.4  | 87.5  | 87.5  | 92    |      |     |  |  |  |
| 97.1       | 97.5       | 101.0      | 0.875           | 1.0                       | 0.0               | 84.5              | -10.3        | 82.8         | 83.5         | 97.1  | 97.1  | 1.0 | 1.00  | 0.0   | 80.4  | -14.2 | 77.5  | 78.8  | 100   |      |     |  |  |  |
| 100.2      | 105.0      | 109.7      | 0.75            | 1.0                       | 0.0               | 80.5              | -14.0        | 77.6         | 78.9         | 100.2 | 100.2 | 1.0 | 0.561 | 1.0   | 0.0   | 73.3  | -24.1 | 67.3  | 71.6  | 109  |     |  |  |  |
| 106.0      | 112.5      | 118.5      | 0.625           | 1.0                       | 0.0               | 75.9              | -20.8        | 72.5         | 75.5         | 106.0 | 106.0 | 1.0 | 0.43  | 1.0   | 0.0   | 67.8  | -30.8 | 58.2  | 65.8  | 117  |     |  |  |  |
| 113.3      | 120.0      | 127.2      | 0.5             | 1.0                       | 0.0               | 70.6              | -26.9        | 62.2         | 67.8         | 113.3 | 113.3 | 1.0 | 0.325 | 1.0   | 0.0   | 62.7  | -38.9 | 51.2  | 64.3  | 127  |     |  |  |  |
| 121.5      | 127.5      | 136.0      | 0.375           | 1.0                       | 0.0               | 65.4              | -33.6        | 54.7         | 64.2         | 121.5 | 121.5 | 1.0 | 0.254 | 1.0   | 0.0   | 58.7  | -45.9 | 45.3  | 64.5  | 135  |     |  |  |  |
| 135.8      | 135.0      | 144.7      | 0.25            | 1.0                       | 0.0               | 58.4              | -46.3        | 44.9         | 64.5         | 135.8 | 135.8 | 1.0 | 0.146 | 1.0   | 0.0   | 54.9  | -52.5 | 37.2  | 64.4  | 144  |     |  |  |  |
| 146.5      | 142.5      | 153.4      | 0.125           | 1.0                       | 0.0               | 54.2              | -53.6        | 35.4         | 64.3         | 146.5 | 146.5 | 1.0 | 0.049 | 1.0   | 0.0   | 51.5  | -60.6 | 31.1  | 68.2  | 152  |     |  |  |  |
| 157.0      | 150.0      | 162.2      | 0.0             | 1.0                       | 0.0               | 49.6              | -65.0        | 27.6         | 70.6         | 157.0 | 157.0 | 1.0 | 0.0   | 1.0   | 0.112 | 50.4  | -62.6 | 20.1  | 65.8  | 162  |     |  |  |  |
| 162.8      | 157.5      | 169.0      | 0.0             | 1.0                       | 0.125             | 50.4              | -62.3        | 19.2         | 65.2         | 162.8 | 162.8 | 1.0 | 0.0   | 1.0   | 0.218 | 51.0  | -59.5 | 12.0  | 60.8  | 168  |     |  |  |  |
| 170.5      | 165.0      | 175.9      | 0.0             | 1.0                       | 0.25              | 51.1              | -58.4        | 9.7          | 59.2         | 170.5 | 170.5 | 1.0 | 0.0   | 1.0   | 0.315 | 51.6  | -56.1 | 4.0   | 56.4  | 175  |     |  |  |  |
| 180.7      | 172.5      | 182.7      | 0.0             | 1.0                       | 0.375             | 52.0              | -53.7        | -0.7         | 53.7         | 180.7 | 180.7 | 1.0 | 0.0   | 1.0   | 0.391 | 52.2  | -53.0 | -2.0  | 53.2  | 182  |     |  |  |  |
| 192.6      | 180.0      | 189.6      | 0.0             | 1.0                       | 0.5               | 53.0              | -48.2        | -10.8        | 49.4         | 192.6 | 192.6 | 1.0 | 0.0   | 1.0   | 0.468 | 52.8  | -49.7 | -8.3  | 50.5  | 189  |     |  |  |  |
| 204.6      | 187.5      | 196.4      | 0.0             | 1.0                       | 0.625             | 54.2              | -43.2        | -19.8        | 47.5         | 204.6 | 204.6 | 1.0 | 0.0   | 1.0   | 0.535 | 53.4  | -46.9 | -13.4 | 48.9  | 195  |     |  |  |  |
| 215.7      | 195.0      | 203.2      | 0.0             | 1.0                       | 0.75              | 55.3              | -38.3        | -27.5        | 47.2         | 215.7 | 215.7 | 1.0 | 0.0   | 1.0   | 0.611 | 54.1  | -43.8 | -18.8 | 47.8  | 203  |     |  |  |  |
| 224.8      | 202.5      | 210.1      | 0.0             | 1.0                       | 0.875             | 56.1              | -34.1        | -33.9        | 48.1         | 224.8 | 224.8 | 1.0 | 0.0   | 1.0   | 0.682 | 54.7  | -41.1 | -23.4 | 47.4  | 209  |     |  |  |  |
| 233.2      | 210.0      | 216.9      | 0.0             | 1.0                       | 1.0               | 57.0              | -29.7        | -39.8        | 49.7         | 233.2 | 233.2 | 1.0 | 0.0   | 1.0   | 0.767 | 55.5  | -37.7 | -28.4 | 47.4  | 216  |     |  |  |  |
| 237.7      | 217.5      | 223.8      | 0.0             | 0.875                     | 1.0               | 54.2              | -25.1        | -39.8        | 47.1         | 237.7 | 237.7 | 1.0 | 0.0   | 1.0   | 0.855 | 56.0  | -34.8 | -32.8 | 48.0  | 223  |     |  |  |  |
| 243.5      | 225.0      | 230.6      | 0.0             | 0.75                      | 1.0               | 50.9              | -19.7        | -39.7        | 44.3         | 243.5 | 243.5 | 1.0 | 0.0   | 1.0   | 0.961 | 56.8  | -31.1 | -38.0 | 49.3  | 230  |     |  |  |  |
| 249.9      | 232.5      | 237.5      | 0.0             | 0.625                     | 1.0               | 47.6              | -14.3        | -39.4        | 42.0         | 249.9 | 249.9 | 1.0 | 0.0   | 0.895 | 1.0   | 54.7  | -25.8 | -39.8 | 47.6  | 237  |     |  |  |  |
| 260.8      | 240.0      | 244.3      | 0.0             | 0.5                       | 1.0               | 43.1              | -6.3         | -39.3        | 39.8         | 260.8 | 260.8 | 1.0 | 0.0   | 0.734 | 1.0   | 50.5  | -19.0 | -39.7 | 44.1  | 244  |     |  |  |  |
| 272.2      | 247.5      | 251.2      | 0.0             | 0.375                     | 1.0               | 38.5              | 1.5          | -38.8        | 38.9         | 272.2 | 272.2 | 1.0 | 0.0   | 0.616 | 1.0   | 47.3  | -13.7 | -39.4 | 41.9  | 250  |     |  |  |  |
| 284.2      | 255.0      | 258.0      | 0.0             | 0.25                      | 1.0               | 34.1              | 9.8          | -38.8        | 40.0         | 284.2 | 284.2 | 1.0 | 0.0   | 0.532 | 1.0   | 44.3  | -8.3  | -39.4 | 40.4  | 258  |     |  |  |  |
| 295.4      | 262.5      | 264.8      | 0.0             | 0.125                     | 1.0               | 29.5              | 18.5         | -38.8        | 43.0         | 295.4 | 295.4 | 1.0 | 0.0   | 0.461 | 1.0   | 41.7  | -3.7  | -39.3 | 39.5  | 264  |     |  |  |  |
| 303.9      | 270.0      | 271.7      | 0.0             | 0.0                       | 1.0               | 25.8              | 26.0         | -38.7        | 46.7         | 303.9 | 303.9 | 1.0 | 0.0   | 0.381 | 1.0   | 38.7  | 1.2   | -38.8 | 39.0  | 271  |     |  |  |  |
| 312.9      | 277.5      | 278.8      | 0.125           | 0.0                       | 1.0               | 28.4              | 32.6         | -35.0        | 47.9         | 312.9 | 312.9 | 1.0 | 0.0   | 0.311 | 1.0   | 36.3  | 5.8   | -39.0 | 39.5  | 278  |     |  |  |  |
| 322.0      | 285.0      | 285.9      | 0.25            | 0.0                       | 1.0               | 29.2              | 39.8         | -31.1        | 50.6         | 322.0 | 322.0 | 1.0 | 0.0   | 0.231 | 1.0   | 33.4  | 11.1  | -38.9 | 40.5  | 285  |     |  |  |  |
| 333.8      | 292.5      | 293.0      | 0.375           | 0.0                       | 1.0               | 33.3              | 50.2         | -24.6        | 55.9         | 333.8 | 333.8 | 1.0 | 0.0   | 0.157 | 1.0   | 30.7  | 16.2  | -38.9 | 42.3  | 292  |     |  |  |  |
| 340.6      | 300.0      | 300.1      | 0.5             | 0.0                       | 1.0               | 36.7              | 56.5         | -19.8        | 59.9         | 340.6 | 340.6 | 1.0 | 0.0   | 0.055 | 1.0   | 27.5  | 22.7  | -38.9 | 45.1  | 300  |     |  |  |  |
| 348.4      | 307.5      | 307.2      | 0.625           | 0.0                       | 1.0               | 39.1              | 64.4         | -13.1        | 65.7         | 348.4 | 348.4 | 1.0 | 0.0   | 0.04  | 0.0   | 1.0   | 26.7  | 28.2  | -37.6 | 47.1 | 306 |  |  |  |
| 353.1      | 315.0      | 314.3      | 0.75            | 0.0                       | 1.0               | 42.7              | 70.0         | -8.4         | 70.5         | 353.1 | 353.1 | 1.0 | 0.0   | 0.145 | 0.0   | 1.0   | 28.6  | 33.8  | -34.5 | 48.4 | 314 |  |  |  |
| 356.0      | 322.5      | 321.4      | 0.875           | 0.0                       | 1.0               | 45.4              | 73.8         | -5.1         | 74.0         | 356.0 | 356.0 | 1.0 | 0.0   | 0.236 | 0.0   | 1.0   | 29.2  | 39.1  | -31.6 | 50.3 | 321 |  |  |  |
| 359.5      | 330.0      | 328.6      | 1.0             | 0.0                       | 1.0               | 47.2              | 78.3         | -0.6         | 78.3         | 359.5 | 359.5 | 1.0 | 0.0   | 0.319 | 0.0   | 1.0   | 31.5  | 45.7  | -27.8 | 53.6 | 328 |  |  |  |
| 362.6      | 337.5      | 335.7      | 1.0             | 0.0                       | 0.875             | 47.0              | 77.4         | 3.5          | 77.4         | 362.6 | 362.6 | 1.0 | 0.0   | 0.4   | 0.0   | 1.0   | 34.0  | 51.6  | -23.7 | 56.8 | 335 |  |  |  |
| 365.8      | 345.0      | 342.8      | 1.0             | 0.0                       | 0.75              | 46.9              | 76.3         | 7.8          | 76.7         | 365.8 | 365.8 | 1.0 | 0.0   | 0.535 | 0.0   | 1.0   | 37.5  | 58.8  | -18.1 | 61.6 | 342 |  |  |  |
| 370.0      | 352.5      | 349.9      | 1.0             | 0.0                       | 0.625             | 46.9              | 75.1         | 13.2         | 76.2         | 370.0 | 370.0 | 1.0 | 0.0   | 0.651 | 0.0   | 1.0   | 39.9  | 65.6  | -12.1 | 66.8 | 349 |  |  |  |
| 374.4      | 360.0      | 357.0      | 1.0             | 0.0                       | 0.5               | 46.7              | 74.0         | 19.0         | 76.4         | 374.4 | 374.4 | 1.0 | 0.0   | 0.721 | 0.0   | 1.0   | 41.9  | 68.8  | -9.5  | 69.4 | 352 |  |  |  |
| 379.4      | 367.5      | 364.1      | 1.0             | 0.0                       | 0.375             | 46.9              | 72.4         | 25.6         | 76.8         | 379.4 | 379.4 | 1.0 | 0.0   | 0.987 | 47.2  | 78.3  | -0.1  | 78.3  | 359   |      |     |  |  |  |
| 384.4      | 375.0      | 371.2      | 1.0             | 0.0                       | 0.25              | 46.6              | 71.6         | 32.5         | 78.7         | 384.4 | 384.4 | 1.0 | 0.0   | 0.663 | 47.0  | 75.5  | 11.7  | 76.4  | 368   |      |     |  |  |  |
| 388.7      | 382.5      | 378.3      | 1.0             | 0.0                       | 0.125             | 46.5              | 70.9         | 38.9         | 80.9         | 388.7 | 388.7 | 1.0 | 0.0   | 0.447 | 46.8  | 73.4  | 21.8  | 76.6  | 376   |      |     |  |  |  |
| 392.5      | 390.0      | 385.4      | 1.0             | 0.0                       | 0.0               | 46.4              | 70.3         | 44.9         | 83.4         | 392.5 | 392.5 | 1.0 | 0.0   | 0.219 | 46.6  | 71.6  | 34.1  | 79.3  | 385   |      |     |  |  |  |

TUB registration: 20130201-SE18/SE18L0NA.TXT /PS  
application for measurement of offset print output, separationcmy0 (CMY0)  
TUB material: code=rh4ta

Data of Maximum color M in colorimetric system Offset standard print; separation cmy0\*, D65 for input or output; Six hue angles of the 60 degree standard colours  $RYGCBM_s$ :  $h_{ab,ds} = 30.0, 90.0, 150.0, 210.0, 270.0, 330.0$ ;

Six hue angles of the device colours  $RYGCBM_d$ :  $h_{ab,d} = 32.6, 94.4, 157.0, 233.3, 303.9, 359.5$ ; Six hue angles of the elementary colours  $RYGCBM_e$ :  $h_{ab,e} = 25.5, 92.3, 162.2, 217.0, 271.7, 328.6$

| $h_{ab,d}$ | $h_{ab,s}$ | $h_{ab,e}$ | $rgb^*_{dd361M}$ | $LAB^*_{ddx361Mi}(x=LabCh)$ | $R_d$ | $rgb^*_{ds361Mi}$                    | $LAB^*_{dsx361Mi}(x=LabCh)$ | $R_s$         | $rgb^*_{dd361Mi}$                    | $LAB^*_{dex361Mi}(x=LabCh)$ | $R_e$         | $rgb^*_{dd361Mi}$ | $rgb^*_{dd}$ | $rgb^*_{ds}$ | $rgb^*_{de}$ |
|------------|------------|------------|------------------|-----------------------------|-------|--------------------------------------|-----------------------------|---------------|--------------------------------------|-----------------------------|---------------|-------------------|--------------|--------------|--------------|
| 32         | 30         | 25         | 1.0 0.0 0.0      | 46.4 70.3 44.9 83.4 32      |       | 1.0 0.0 0.084 46.5 70.8 40.9 81.7 30 |                             | 1.0 0.0 0.0   | 1.0 0.0 0.219 46.6 71.6 34.1 79.3 25 |                             | 1.0 0.0 0.0   |                   |              |              |              |
| 33         | 31         | 26         | 1.0 0.016 0.0    | 46.8 69.2 45.5 82.8 33      |       | 1.0 0.0 0.052 46.5 70.6 42.4 82.4 31 |                             | 1.0 0.017 0.0 | 1.0 0.0 0.187 46.6 71.4 35.7 79.8 26 |                             | 1.0 0.017 0.0 |                   |              |              |              |
| 34         | 32         | 27         | 1.0 0.033 0.0    | 47.3 68.1 46.0 82.2 34      |       | 1.0 0.0 0.019 46.4 70.4 44.0 83.1 32 |                             | 1.0 0.033 0.0 | 1.0 0.0 0.155 46.6 71.2 37.4 80.4 27 |                             | 1.0 0.033 0.0 |                   |              |              |              |
| 34         | 33         | 28         | 1.0 0.05 0.0     | 47.8 67.0 46.6 81.6 34      |       | 1.0 0.009 0.0 46.7 69.7 45.3 83.1 33 |                             | 1.0 0.05 0.0  | 1.0 0.0 0.123 46.6 70.9 39.0 81.0 28 |                             | 1.0 0.05 0.0  |                   |              |              |              |
| 35         | 34         | 29         | 1.0 0.066 0.0    | 48.3 65.9 47.1 81.0 35      |       | 1.0 0.032 0.0 47.3 68.2 46.0 82.3 34 |                             | 1.0 0.067 0.0 | 1.0 0.0 0.086 46.5 70.8 40.8 81.7 29 |                             | 1.0 0.067 0.0 |                   |              |              |              |
| 36         | 35         | 31         | 1.0 0.083 0.0    | 48.7 64.8 47.6 80.4 36      |       | 1.0 0.054 0.0 48.0 66.8 46.8 81.5 35 |                             | 1.0 0.083 0.0 | 1.0 0.0 0.05 46.5 70.6 42.5 82.4 31  |                             | 1.0 0.083 0.0 |                   |              |              |              |
| 37         | 36         | 32         | 1.0 0.1 0.0      | 49.2 63.7 48.1 79.8 37      |       | 1.0 0.077 0.0 48.6 65.3 47.4 80.7 36 |                             | 1.0 0.1 0.0   | 1.0 0.0 0.014 46.4 70.4 44.3 83.2 32 |                             | 1.0 0.1 0.0   |                   |              |              |              |
| 37         | 37         | 33         | 1.0 0.116 0.0    | 49.7 62.6 48.5 79.2 37      |       | 1.0 0.099 0.0 49.2 63.8 48.1 79.9 37 |                             | 1.0 0.117 0.0 | 1.0 0.016 0.0 46.9 69.3 45.5 82.9 33 |                             | 1.0 0.117 0.0 |                   |              |              |              |
| 38         | 38         | 34         | 1.0 0.133 0.0    | 50.2 61.4 49.2 78.7 38      |       | 1.0 0.122 0.0 49.9 62.3 48.7 79.1 38 |                             | 1.0 0.133 0.0 | 1.0 0.041 0.0 47.6 67.7 46.3 82.0 34 |                             | 1.0 0.133 0.0 |                   |              |              |              |
| 39         | 39         | 35         | 1.0 0.15 0.0     | 50.9 60.0 50.0 78.1 39      |       | 1.0 0.138 0.0 50.5 61.1 49.5 78.6 39 |                             | 1.0 0.15 0.0  | 1.0 0.066 0.0 48.3 66.0 47.1 81.1 35 |                             | 1.0 0.15 0.0  |                   |              |              |              |
| 40         | 40         | 36         | 1.0 0.166 0.0    | 51.6 58.5 50.8 77.6 40      |       | 1.0 0.152 0.0 51.0 59.8 50.2 78.1 40 |                             | 1.0 0.167 0.0 | 1.0 0.091 0.0 49.0 64.4 47.8 80.2 36 |                             | 1.0 0.167 0.0 |                   |              |              |              |
| 42         | 41         | 37         | 1.0 0.183 0.0    | 52.2 57.1 51.6 77.0 42      |       | 1.0 0.167 0.0 51.6 58.6 50.9 77.6 41 |                             | 1.0 0.183 0.0 | 1.0 0.116 0.0 49.7 62.7 48.5 79.3 37 |                             | 1.0 0.183 0.0 |                   |              |              |              |
| 43         | 42         | 38         | 1.0 0.2 0.0      | 52.9 55.7 52.3 76.4 43      |       | 1.0 0.182 0.0 52.2 57.3 51.6 77.1 42 |                             | 1.0 0.2 0.0   | 1.0 0.135 0.0 50.4 61.3 49.3 78.7 38 |                             | 1.0 0.2 0.0   |                   |              |              |              |
| 44         | 43         | 39         | 1.0 0.216 0.0    | 53.5 54.3 53.0 75.9 44      |       | 1.0 0.197 0.0 52.8 56.0 52.2 76.6 43 |                             | 1.0 0.217 0.0 | 1.0 0.152 0.0 51.0 59.9 50.2 78.1 39 |                             | 1.0 0.217 0.0 |                   |              |              |              |
| 45         | 44         | 41         | 1.0 0.233 0.0    | 54.2 52.8 53.7 75.3 45      |       | 1.0 0.212 0.0 53.4 54.7 52.9 76.1 44 |                             | 1.0 0.233 0.0 | 1.0 0.168 0.0 51.7 58.5 51.0 77.6 41 |                             | 1.0 0.233 0.0 |                   |              |              |              |
| 46         | 45         | 42         | 1.0 0.25 0.0     | 54.8 51.4 54.3 74.8 46      |       | 1.0 0.226 0.0 53.9 53.5 53.5 75.6 45 |                             | 1.0 0.25 0.0  | 1.0 0.185 0.0 52.3 57.1 51.7 77.0 42 |                             | 1.0 0.25 0.0  |                   |              |              |              |
| 47         | 46         | 43         | 1.0 0.266 0.0    | 55.6 49.8 55.3 74.4 47      |       | 1.0 0.241 0.0 54.5 52.2 54.0 75.1 46 |                             | 1.0 0.267 0.0 | 1.0 0.201 0.0 53.0 55.6 52.4 76.4 43 |                             | 1.0 0.267 0.0 |                   |              |              |              |
| 49         | 47         | 44         | 1.0 0.283 0.0    | 56.3 48.3 56.2 74.1 49      |       | 1.0 0.255 0.0 55.1 51.0 54.6 74.7 47 |                             | 1.0 0.283 0.0 | 1.0 0.218 0.0 53.6 54.2 53.1 75.9 44 |                             | 1.0 0.283 0.0 |                   |              |              |              |
| 50         | 48         | 45         | 1.0 0.3 0.0      | 57.1 46.7 57.1 73.8 50      |       | 1.0 0.267 0.0 55.6 49.8 55.3 74.5 48 |                             | 1.0 0.3 0.0   | 1.0 0.234 0.0 54.2 52.8 53.8 75.3 45 |                             | 1.0 0.3 0.0   |                   |              |              |              |
| 52         | 49         | 46         | 1.0 0.316 0.0    | 57.8 45.2 57.9 73.5 52      |       | 1.0 0.279 0.0 56.2 48.7 56.0 74.2 49 |                             | 1.0 0.317 0.0 | 1.0 0.251 0.0 54.9 51.4 54.4 74.8 46 |                             | 1.0 0.317 0.0 |                   |              |              |              |
| 53         | 50         | 47         | 1.0 0.333 0.0    | 58.6 43.6 58.7 73.1 53      |       | 1.0 0.292 0.0 56.7 47.6 56.7 74.0 50 |                             | 1.0 0.333 0.0 | 1.0 0.264 0.0 55.5 50.1 55.2 74.5 47 |                             | 1.0 0.333 0.0 |                   |              |              |              |
| 54         | 51         | 48         | 1.0 0.35 0.0     | 59.3 42.0 59.4 72.8 54      |       | 1.0 0.304 0.0 57.3 46.4 57.3 73.8 51 |                             | 1.0 0.35 0.0  | 1.0 0.278 0.0 56.1 48.8 55.9 74.3 48 |                             | 1.0 0.35 0.0  |                   |              |              |              |
| 56         | 52         | 49         | 1.0 0.366 0.0    | 60.1 40.4 60.2 72.5 56      |       | 1.0 0.316 0.0 57.9 45.3 57.9 73.5 52 |                             | 1.0 0.367 0.0 | 1.0 0.292 0.0 56.7 47.6 56.7 74.0 49 |                             | 1.0 0.367 0.0 |                   |              |              |              |
| 57         | 53         | 51         | 1.0 0.383 0.0    | 60.9 38.9 61.0 72.3 57      |       | 1.0 0.328 0.0 58.4 44.1 58.5 73.3 53 |                             | 1.0 0.383 0.0 | 1.0 0.305 0.0 57.4 46.3 57.4 73.7 51 |                             | 1.0 0.383 0.0 |                   |              |              |              |
| 58         | 54         | 52         | 1.0 0.4 0.0      | 61.6 37.4 61.9 72.4 58      |       | 1.0 0.341 0.0 59.0 42.9 59.1 73.0 54 |                             | 1.0 0.4 0.0   | 1.0 0.319 0.0 58.0 45.0 58.1 73.5 52 |                             | 1.0 0.4 0.0   |                   |              |              |              |
| 60         | 55         | 53         | 1.0 0.416 0.0    | 62.4 36.0 62.8 72.4 60      |       | 1.0 0.353 0.0 59.5 41.8 59.6 72.8 55 |                             | 1.0 0.417 0.0 | 1.0 0.332 0.0 58.6 43.7 58.7 73.2 53 |                             | 1.0 0.417 0.0 |                   |              |              |              |
| 61         | 56         | 54         | 1.0 0.433 0.0    | 63.2 34.5 63.6 72.4 61      |       | 1.0 0.365 0.0 60.1 40.6 60.1 72.6 56 |                             | 1.0 0.433 0.0 | 1.0 0.346 0.0 59.2 42.4 59.3 72.9 54 |                             | 1.0 0.433 0.0 |                   |              |              |              |
| 62         | 57         | 55         | 1.0 0.45 0.0     | 64.0 33.0 64.4 72.4 62      |       | 1.0 0.378 0.0 60.6 39.4 60.7 72.4 57 |                             | 1.0 0.45 0.0  | 1.0 0.36 0.0 59.8 41.1 59.9 72.7 55  |                             | 1.0 0.45 0.0  |                   |              |              |              |
| 64         | 58         | 56         | 1.0 0.466 0.0    | 64.8 31.5 65.2 72.5 64      |       | 1.0 0.39 0.0 61.2 38.4 61.4 72.4 58  |                             | 1.0 0.467 0.0 | 1.0 0.373 0.0 60.4 39.8 60.5 72.4 56 |                             | 1.0 0.467 0.0 |                   |              |              |              |
| 65         | 59         | 57         | 1.0 0.483 0.0    | 65.6 30.0 66.0 72.5 65      |       | 1.0 0.402 0.0 61.8 37.3 62.1 72.4 59 |                             | 1.0 0.483 0.0 | 1.0 0.387 0.0 61.1 38.6 61.2 72.4 57 |                             | 1.0 0.483 0.0 |                   |              |              |              |
| 66         | 60         | 58         | 1.0 0.5 0.0      | 66.4 28.5 66.7 72.5 66      |       | 1.0 0.415 0.0 62.4 36.2 62.7 72.4 60 |                             | 1.0 0.5 0.0   | 1.0 0.401 0.0 61.7 37.4 62.0 72.4 58 |                             | 1.0 0.5 0.0   |                   |              |              |              |
| 68         | 61         | 60         | 1.0 0.516 0.0    | 67.3 26.9 67.8 73.0 68      |       | 1.0 0.427 0.0 63.0 35.1 63.4 72.4 61 |                             | 1.0 0.517 0.0 | 1.0 0.415 0.0 62.4 36.2 62.7 72.4 60 |                             | 1.0 0.517 0.0 |                   |              |              |              |
| 69         | 62         | 61         | 1.0 0.533 0.0    | 68.3 25.3 68.9 73.4 69      |       | 1.0 0.44 0.0 63.6 34.0 64.0 72.5 62  |                             | 1.0 0.533 0.0 | 1.0 0.429 0.0 63.0 35.0 63.4 72.5 61 |                             | 1.0 0.533 0.0 |                   |              |              |              |
| 71         | 63         | 62         | 1.0 0.55 0.0     | 69.2 23.7 70.0 73.9 71      |       | 1.0 0.452 0.0 64.1 32.9 64.6 72.5 63 |                             | 1.0 0.55 0.0  | 1.0 0.443 0.0 63.7 33.8 64.1 72.5 62 |                             | 1.0 0.55 0.0  |                   |              |              |              |
| 72         | 64         | 63         | 1.0 0.566 0.0    | 70.2 22.0 71.0 74.4 72      |       | 1.0 0.464 0.0 64.7 31.8 65.2 72.5 64 |                             | 1.0 0.567 0.0 | 1.0 0.456 0.0 64.4 32.5 64.8 72.5 63 |                             | 1.0 0.567 0.0 |                   |              |              |              |
| 74         | 65         | 64         | 1.0 0.583 0.0    | 71.1 20.3 72.0 74.8 74      |       | 1.0 0.477 0.0 65.3 30.7 65.7 72.5 65 |                             | 1.0 0.583 0.0 | 1.0 0.47 0.0 65.0 31.3 65.4 72.5 64  |                             | 1.0 0.583 0.0 |                   |              |              |              |
| 75         | 66         | 65         | 1.0 0.6 0.0      | 72.1 18.5 73.0 75.3 75      |       | 1.0 0.489 0.0 65.9 29.5 66.3 72.6 66 |                             | 1.0 0.6 0.0   | 1.0 0.484 0.0 65.7 30.0 66.1 72.5 65 |                             | 1.0 0.6 0.0   |                   |              |              |              |
| 77         | 67         | 66         | 1.0 0.616 0.0    | 73.0 16.8 73.9 75.8 77      |       | 1.0 0.502 0.0 66.5 28.4 66.8 72.6 67 |                             | 1.0 0.617 0.0 | 1.0 0.498 0.0 66.3 28.7 66.6 72.6 66 |                             | 1.0 0.617 0.0 |                   |              |              |              |
| 78         | 68         | 67         | 1.0 0.633 0.0    | 73.9 15.3 74.7 76.3 78      |       | 1.0 0.513 0.0 67.1 27.3 67.6 72.9 68 |                             | 1.0 0.633 0.0 | 1.0 0.511 0.0 67.0 27.5 67.5 72.9 67 |                             | 1.0 0.633 0.0 |                   |              |              |              |
| 79         | 69         | 68         | 1.0 0.65 0.0     | 74.6 14.1 75.6 76.9 79      |       | 1.0 0.524 0.0 67.8 26.2 68.4 73.2 69 |                             | 1.0 0.65 0.0  | 1.0 0.523 0.0 67.7 26.3 68.3 73.2 68 |                             | 1.0 0.65 0.0  |                   |              |              |              |
| 80         | 70         | 70         | 1.0 0.666 0.0    | 75.3 13.0 76.4 77.5 80      |       | 1.0 0.535 0.0 68.4 25.2 69.1 73.6 70 |                             | 1.0 0.667 0.0 | 1.0 0.536 0.0 68.5 25.1 69.1 73.6 70 |                             | 1.0 0.667 0.0 |                   |              |              |              |
| 81         | 71         | 71         | 1.0 0.683 0.0    | 76.1 11.8 77.2 78.1 81      |       | 1.0 0.547 0.0 69.1 24.1 69.8 73.9 71 |                             | 1.0 0.683 0.0 | 1.0 0.548 0.0 69.2 23.9 70.0 73.9 71 |                             | 1.0 0.683 0.0 |                   |              |              |              |
| 82         | 72         | 72         | 1.0 0.7 0.0      | 76.8 10.6 78.0 78.7 82      |       | 1.0 0.558 0.0 69.7 22.9 70.6 74.2 72 |                             | 1.0 0.7 0.0   | 1.0 0.561 0.0 69.9 22.6 70.7 74.3 72 |                             | 1.0 0.7 0.0   |                   |              |              |              |
| 83         | 73         | 73         | 1.0 0.716 0.0    | 77.6 9.3 78.8 79.3 83       |       | 1.0 0.569 0.0 70.4 21.8 71.2 74.5 73 |                             | 1.0 0.717 0.0 | 1.0 0.574 0.0 70.6 21.3 71.5 74.6 73 |                             | 1.0 0.717 0.0 |                   |              |              |              |
| 84         | 74         | 74         | 1.0 0.733 0.0    | 78.3 8.0 79.5 79.9 84       |       | 1.0 0.581 0.0 71.0 20.6 71.9 74.8 74 |                             | 1.0 0.733 0.0 | 1.0 0.586 0.0 71.3 20.0 72.2 75.0 74 |                             | 1.0 0.733 0.0 |                   |              |              |              |
| 85         | 75         | 75         | 1.0 0.75 0.0     | 79.1 6.8 80.2 80.5 85       |       | 1.0 0.592 0.0 71.7 19.4 72.6 75.1 75 |                             | 1.0 0.75 0.0  | 1.0 0.599 0.0 72.0 18.7 73.0 75.3 75 |                             | 1.0 0.75 0.0  |                   |              |              |              |

1-013931-L0 SE180-71 LAB\*la0, YN=0%, XYZnw=3.5, 4.0, 6.0, 86.2, 91.2, 96.3, LAB\*nmw=23.6, 0.0, 0.0, 96.5, 0.0, 0.0

Output: Offset standard print; separation cmy0\*, D65, page 10/33

TUB-test chart SE18; 1080 colours, offset standard paper  
48 step hue circles;  $rgb-LabCh^*$  tables, 3D=0, de=1, cmy0

input:  $rgb/cmyk \rightarrow rgb_e$   
output: transfer to  $cmy0_e$

see similar files: <http://130.149.60.45/~farbmetrik/SE18/SE18.HTM>  
technical information: <http://www.ps.bam.de> or <http://130.149.60.45/~farbmetrik>

TUB registration: 20130201-SE18/SE18L0NA.TXT /PS  
application for measurement of offset print output, separationcmy0 (CMY0)  
TUB material: code=rha4ta

Data of Maximum color M in colorimetric system Offset standard print; separation cmy0\*, D65 for input or output; Six hue angles of the 60 degree standard colours  $RYGCBM_s$ :  $h_{ab,ds} = 30.0, 90.0, 150.0, 210.0, 270.0, 330.0$ ;

Six hue angles of the device colours  $RYGCBM_d$ :  $h_{ab,d} = 32.6, 94.4, 157.0, 233.3, 303.9, 359.5$ ; Six hue angles of the elementary colours  $RYGCBM_e$ :  $h_{ab,e} = 25.5, 92.3, 162.2, 217.0, 271.7, 328.6$

| $h_{ab,d}$ | $h_{ab,s}$ | $h_{ab,e}$ | $rgb^*_{dd361M}$ | $LAB^*_{d361M}$ | $LAB^*_{ds361Mi} (x=LabCh)$ | $rgb^*_{ds361Mi}$ | $LAB^*_{ds361Mi} (x=LabCh)$ | $rgb^*_{dd361Mi}$ | $LAB^*_{de361Mi}$ | $LAB^*_{dex361Mi} (x=LabCh)$ | $rgb^*_{dd361Mi}$ | $rgb^*_{dd}$ | $rgb^*_{ds}$ | $rgb^*_{de}$ |
|------------|------------|------------|------------------|-----------------|-----------------------------|-------------------|-----------------------------|-------------------|-------------------|------------------------------|-------------------|--------------|--------------|--------------|
| 85         | 75         | 75         | 1.0              | 0.75            | 0.0                         | 79.1              | 6.8                         | 80.2              | 80.5              | 85                           | 1.0               | 0.75         | 0.0          | 0.0          |
| 85         | 76         | 76         | 1.0              | 0.766           | 0.0                         | 79.7              | 5.8                         | 81.0              | 81.2              | 85                           | 1.0               | 0.767        | 0.0          | 0.0          |
| 86         | 77         | 77         | 1.0              | 0.783           | 0.0                         | 80.4              | 4.8                         | 81.7              | 81.8              | 86                           | 1.0               | 0.783        | 0.0          | 0.0          |
| 87         | 78         | 78         | 1.0              | 0.8             | 0.0                         | 81.1              | 3.8                         | 82.4              | 82.5              | 87                           | 1.0               | 0.8          | 0.0          | 0.0          |
| 88         | 79         | 80         | 1.0              | 0.816           | 0.0                         | 81.8              | 2.7                         | 83.1              | 83.2              | 88                           | 1.0               | 0.817        | 0.0          | 0.0          |
| 88         | 80         | 81         | 1.0              | 0.833           | 0.0                         | 82.4              | 1.7                         | 83.8              | 83.8              | 88                           | 1.0               | 0.833        | 0.0          | 0.0          |
| 89         | 81         | 82         | 1.0              | 0.85            | 0.0                         | 83.1              | 0.6                         | 84.5              | 84.5              | 89                           | 1.0               | 0.85         | 0.0          | 0.0          |
| 90         | 82         | 83         | 1.0              | 0.866           | 0.0                         | 83.8              | -0.4                        | 85.2              | 85.2              | 90                           | 1.0               | 0.867        | 0.0          | 0.0          |
| 90         | 83         | 84         | 1.0              | 0.883           | 0.0                         | 84.4              | -1.3                        | 85.8              | 85.8              | 90                           | 1.0               | 0.883        | 0.0          | 0.0          |
| 91         | 84         | 85         | 1.0              | 0.9             | 0.0                         | 84.9              | -2.1                        | 86.4              | 86.4              | 91                           | 1.0               | 0.9          | 0.0          | 0.0          |
| 91         | 85         | 86         | 1.0              | 0.916           | 0.0                         | 85.4              | -2.8                        | 86.9              | 87.0              | 91                           | 1.0               | 0.917        | 0.0          | 0.0          |
| 92         | 86         | 87         | 1.0              | 0.933           | 0.0                         | 85.9              | -3.6                        | 87.5              | 87.6              | 92                           | 1.0               | 0.933        | 0.0          | 0.0          |
| 92         | 87         | 88         | 1.0              | 0.95            | 0.0                         | 86.5              | -4.4                        | 88.1              | 88.2              | 92                           | 1.0               | 0.95         | 0.0          | 0.0          |
| 93         | 88         | 90         | 1.0              | 0.966           | 0.0                         | 87.0              | -5.2                        | 88.6              | 88.8              | 93                           | 1.0               | 0.967        | 0.0          | 0.0          |
| 93         | 89         | 91         | 1.0              | 0.983           | 0.0                         | 87.5              | -6.0                        | 89.2              | 89.4              | 93                           | 1.0               | 0.983        | 0.0          | 0.0          |
| 94         | 90         | 92         | 1.0              | 1.0             | 0.0                         | 88.0              | -6.8                        | 89.7              | 90.0              | 94                           | 1.0               | 1.0          | 0.0          | 0.0          |
| 94         | 91         | 93         | 0.983            | 1.0             | 0.0                         | 87.5              | -7.3                        | 88.8              | 89.1              | 94                           | 0.983             | 1.0          | 0.0          | 0.0          |
| 95         | 92         | 94         | 0.966            | 1.0             | 0.0                         | 87.1              | -7.8                        | 87.9              | 88.2              | 95                           | 0.967             | 1.0          | 0.0          | 0.0          |
| 95         | 93         | 95         | 0.95             | 1.0             | 0.0                         | 86.6              | -8.3                        | 87.0              | 87.4              | 95                           | 0.95              | 1.0          | 0.0          | 0.0          |
| 95         | 94         | 96         | 0.933            | 1.0             | 0.0                         | 86.1              | -8.8                        | 86.1              | 86.5              | 95                           | 0.933             | 1.0          | 0.0          | 0.0          |
| 96         | 95         | 98         | 0.916            | 1.0             | 0.0                         | 85.7              | -9.2                        | 85.1              | 85.6              | 96                           | 0.917             | 1.0          | 0.0          | 0.0          |
| 96         | 96         | 99         | 0.9              | 1.0             | 0.0                         | 85.2              | -9.6                        | 84.2              | 84.8              | 96                           | 0.9               | 1.0          | 0.0          | 0.0          |
| 96         | 97         | 100        | 0.883            | 1.0             | 0.0                         | 84.7              | -10.1                       | 83.3              | 83.9              | 96                           | 0.883             | 1.0          | 0.0          | 0.0          |
| 97         | 98         | 101        | 0.866            | 1.0             | 0.0                         | 84.2              | -10.5                       | 82.5              | 83.2              | 97                           | 0.867             | 1.0          | 0.0          | 0.0          |
| 97         | 99         | 102        | 0.85             | 1.0             | 0.0                         | 83.7              | -11.1                       | 81.8              | 82.6              | 97                           | 0.85              | 1.0          | 0.0          | 0.0          |
| 98         | 100        | 103        | 0.833            | 1.0             | 0.0                         | 83.2              | -11.6                       | 81.1              | 81.9              | 98                           | 0.833             | 1.0          | 0.0          | 0.0          |
| 98         | 101        | 105        | 0.816            | 1.0             | 0.0                         | 82.6              | -12.1                       | 80.4              | 81.3              | 98                           | 0.817             | 1.0          | 0.0          | 0.0          |
| 98         | 102        | 106        | 0.8              | 1.0             | 0.0                         | 82.1              | -12.6                       | 79.7              | 80.7              | 98                           | 0.8               | 1.0          | 0.0          | 0.0          |
| 99         | 103        | 107        | 0.783            | 1.0             | 0.0                         | 81.6              | -13.0                       | 79.0              | 80.1              | 99                           | 0.783             | 1.0          | 0.0          | 0.0          |
| 99         | 104        | 108        | 0.766            | 1.0             | 0.0                         | 81.0              | -13.5                       | 78.3              | 79.5              | 99                           | 0.767             | 1.0          | 0.0          | 0.0          |
| 100        | 105        | 109        | 0.75             | 1.0             | 0.0                         | 80.5              | -14.0                       | 77.6              | 78.9              | 100                          | 0.75              | 1.0          | 0.0          | 0.0          |
| 101        | 106        | 110        | 0.733            | 1.0             | 0.0                         | 79.9              | -14.9                       | 77.0              | 78.4              | 101                          | 0.733             | 1.0          | 0.0          | 0.0          |
| 101        | 107        | 112        | 0.716            | 1.0             | 0.0                         | 79.3              | -15.9                       | 76.3              | 78.0              | 101                          | 0.717             | 1.0          | 0.0          | 0.0          |
| 102        | 108        | 113        | 0.7              | 1.0             | 0.0                         | 78.7              | -16.8                       | 75.7              | 77.5              | 102                          | 0.7               | 1.0          | 0.0          | 0.0          |
| 103        | 109        | 114        | 0.683            | 1.0             | 0.0                         | 78.1              | -17.7                       | 75.0              | 77.1              | 103                          | 0.683             | 1.0          | 0.0          | 0.0          |
| 104        | 110        | 115        | 0.666            | 1.0             | 0.0                         | 77.5              | -18.6                       | 74.3              | 76.6              | 104                          | 0.667             | 1.0          | 0.0          | 0.0          |
| 104        | 111        | 116        | 0.65             | 1.0             | 0.0                         | 76.8              | -19.5                       | 73.6              | 76.1              | 104                          | 0.65              | 1.0          | 0.0          | 0.0          |
| 105        | 112        | 117        | 0.633            | 1.0             | 0.0                         | 76.2              | -20.4                       | 72.9              | 75.7              | 105                          | 0.633             | 1.0          | 0.0          | 0.0          |
| 106        | 113        | 119        | 0.616            | 1.0             | 0.0                         | 75.6              | -21.3                       | 71.9              | 75.0              | 106                          | 0.617             | 1.0          | 0.0          | 0.0          |
| 107        | 114        | 120        | 0.6              | 1.0             | 0.0                         | 74.9              | -22.2                       | 70.5              | 73.9              | 107                          | 0.6               | 1.0          | 0.0          | 0.0          |
| 108        | 115        | 121        | 0.583            | 1.0             | 0.0                         | 74.2              | -23.1                       | 69.2              | 72.9              | 108                          | 0.583             | 1.0          | 0.0          | 0.0          |
| 109        | 116        | 122        | 0.566            | 1.0             | 0.0                         | 73.5              | -23.9                       | 67.8              | 71.9              | 109                          | 0.567             | 1.0          | 0.0          | 0.0          |
| 110        | 117        | 123        | 0.55             | 1.0             | 0.0                         | 72.8              | -24.7                       | 66.4              | 70.9              | 110                          | 0.55              | 1.0          | 0.0          | 0.0          |
| 111        | 118        | 124        | 0.533            | 1.0             | 0.0                         | 72.0              | -25.5                       | 65.0              | 69.8              | 111                          | 0.533             | 1.0          | 0.0          | 0.0          |
| 112        | 119        | 126        | 0.516            | 1.0             | 0.0                         | 71.3              | -26.2                       | 63.6              | 68.8              | 112                          | 0.517             | 1.0          | 0.0          | 0.0          |
| 113        | 120        | 127        | 0.5              | 1.0             | 0.0                         | 70.6              | -26.9                       | 62.2              | 67.8              | 113                          | 0.5               | 1.0          | 0.0          | 0.0          |

1-0131031-L0 SE180-71 LAB\*la0, YN=0%, XYZnw=3.5, 4.0, 6.0, 86.2, 91.2, 96.3, LAB\*nmw=23.6, 0.0, 0.0, 96.5, 0.0, 0.0

Output: Offset standard print; separation cmy0\*, D65, page 11/33

TUB-test chart SE18; 1080 colours, offset standard paper  
48 step hue circles;  $rgb-LabCh$ \*tables, 3D=0, de=1, cmy0

input:  $rgb/cmyk \rightarrow rgb_e$   
output: transfer to  $cmy0_e$

Data of Maximum color M in colorimetric system Offset standard print; separation cmy0\*, D65 for input or output; Six hue angles of the 60 degree standard colours  $RYGCBM_s$ :  $h_{ab,ds} = 30.0, 90.0, 150.0, 210.0, 270.0, 330.0$ ;  
Six hue angles of the device colours  $RYGCBM_d$ :  $h_{ab,d} = 32.6, 94.4, 157.0, 233.3, 303.9, 359.5$ ; Six hue angles of the elementary colours  $RYGCBM_e$ :  $h_{ab,e} = 25.5, 92.3, 162.2, 217.0, 271.7, 328.6$

| $h_{ab,d}$ | $h_{ab,s}$ | $h_{ab,e}$ | $rgb^*_{dd361M}$ | $LAB^*_{dd361Mi}(x=LabCh)$ | $rgb^*_{ds361Mi}$ | $LAB^*_{dsx361Mi}(x=LabCh)$ | $rgb^*_{dd361Mi}$ | $LAB^*_{de361Mi}$ | $rgb^*_{dex361Mi}(x=LabCh)$ | $rgb^*_{dd361Mi}$ | $rgb^*_{dd}$ | $rgb^*_{ds}$    | $rgb^*_{de}$    |           |      |       |           |           |       |                 |                 |                 |           |     |       |       |
|------------|------------|------------|------------------|----------------------------|-------------------|-----------------------------|-------------------|-------------------|-----------------------------|-------------------|--------------|-----------------|-----------------|-----------|------|-------|-----------|-----------|-------|-----------------|-----------------|-----------------|-----------|-----|-------|-------|
| 113        | 120        | 127        | 0.5              | 1.0                        | 0.0               | 70.6                        | -26.9 62.2 67.8   | 113               | 0.399 1.0                   | 0.0               | 66.4         | -32.4 56.2 64.9 | 120             | 0.5       | 1.0  | 0.0   | 0.325 1.0 | 0.0       | 62.7  | -38.9 51.2 64.3 | 127             | 0.5             | 1.0       | 0.0 |       |       |
| 114        | 121        | 128        | 0.483            | 1.0                        | 0.0               | 69.9                        | -27.8 61.3 67.3   | 114               | 0.384 1.0                   | 0.0               | 65.8         | -33.1 55.3 64.5 | 121             | 0.483     | 1.0  | 0.0   | 0.315 1.0 | 0.0       | 62.1  | -39.9 50.4 64.4 | 128             | 0.483           | 1.0       | 0.0 |       |       |
| 115        | 122        | 129        | 0.466            | 1.0                        | 0.0               | 69.2                        | -28.8 60.3 66.8   | 115               | 0.371 1.0                   | 0.0               | 65.2         | -33.9 54.5 64.2 | 122             | 0.467     | 1.0  | 0.0   | 0.305 1.0 | 0.0       | 61.5  | -40.9 49.6 64.4 | 129             | 0.467           | 1.0       | 0.0 |       |       |
| 116        | 123        | 130        | 0.45             | 1.0                        | 0.0               | 68.5                        | -29.7 59.3 66.4   | 116               | 0.363 1.0                   | 0.0               | 64.7         | -34.9 53.9 64.3 | 123             | 0.45      | 1.0  | 0.0   | 0.295 1.0 | 0.0       | 61.0  | -42.0 48.8 64.4 | 130             | 0.45            | 1.0       | 0.0 |       |       |
| 117        | 124        | 131        | 0.433            | 1.0                        | 0.0               | 67.8                        | -30.6 58.3 65.9   | 117               | 0.354 1.0                   | 0.0               | 64.3         | -35.8 53.3 64.3 | 124             | 0.433     | 1.0  | 0.0   | 0.284 1.0 | 0.0       | 60.4  | -43.0 47.9 64.4 | 131             | 0.433           | 1.0       | 0.0 |       |       |
| 118        | 125        | 133        | 0.416            | 1.0                        | 0.0               | 67.1                        | -31.5 57.3 65.4   | 118               | 0.345 1.0                   | 0.0               | 63.8         | -36.8 52.7 64.3 | 125             | 0.417     | 1.0  | 0.0   | 0.274 1.0 | 0.0       | 59.8  | -43.9 47.1 64.5 | 133             | 0.417           | 1.0       | 0.0 |       |       |
| 119        | 126        | 134        | 0.4              | 1.0                        | 0.0               | 66.4                        | -32.4 56.2 64.9   | 119               | 0.336 1.0                   | 0.0               | 63.3         | -37.7 52.0 64.3 | 126             | 0.4       | 1.0  | 0.0   | 0.264 1.0 | 0.0       | 59.3  | -44.9 46.2 64.5 | 134             | 0.4             | 1.0       | 0.0 |       |       |
| 121        | 127        | 135        | 0.383            | 1.0                        | 0.0               | 65.7                        | -33.2 55.2 64.4   | 121               | 0.328 1.0                   | 0.0               | 62.8         | -38.6 51.4 64.3 | 127             | 0.383     | 1.0  | 0.0   | 0.254 1.0 | 0.0       | 58.7  | -45.9 45.3 64.5 | 135             | 0.383           | 1.0       | 0.0 |       |       |
| 122        | 128        | 136        | 0.366            | 1.0                        | 0.0               | 64.9                        | -34.5 54.1 64.2   | 122               | 0.319 1.0                   | 0.0               | 62.3         | -39.5 50.7 64.4 | 128             | 0.367     | 1.0  | 0.0   | 0.242 1.0 | 0.0       | 58.2  | -46.8 44.3 64.5 | 136             | 0.367           | 1.0       | 0.0 |       |       |
| 124        | 129        | 137        | 0.35             | 1.0                        | 0.0               | 64.0                        | -36.3 53.0 64.2   | 124               | 0.31                        | 1.0               | 0.0          | 61.8            | -40.4 50.0 64.4 | 129       | 0.35 | 1.0   | 0.0       | 0.228 1.0 | 0.0   | 57.7            | -47.6 43.4 64.5 | 137             | 0.35      | 1.0 | 0.0   |       |
| 126        | 130        | 138        | 0.333            | 1.0                        | 0.0               | 63.1                        | -38.1 51.8 64.3   | 126               | 0.301 1.0                   | 0.0               | 61.3         | -41.3 49.3 64.4 | 130             | 0.333     | 1.0  | 0.0   | 0.214 1.0 | 0.0       | 57.3  | -48.5 42.4 64.5 | 138             | 0.333           | 1.0       | 0.0 |       |       |
| 128        | 131        | 140        | 0.316            | 1.0                        | 0.0               | 62.1                        | -39.8 50.5 64.3   | 128               | 0.293 1.0                   | 0.0               | 60.8         | -42.2 48.6 64.4 | 131             | 0.317     | 1.0  | 0.0   | 0.201 1.0 | 0.0       | 56.8  | -49.3 41.4 64.5 | 140             | 0.317           | 1.0       | 0.0 |       |       |
| 130        | 132        | 141        | 0.3              | 1.0                        | 0.0               | 61.2                        | -41.5 49.2 64.4   | 130               | 0.284 1.0                   | 0.0               | 60.4         | -43.0 47.9 64.4 | 132             | 0.3       | 1.0  | 0.0   | 0.187 1.0 | 0.0       | 56.3  | -50.2 40.3 64.4 | 141             | 0.3             | 1.0       | 0.0 |       |       |
| 132        | 133        | 142        | 0.283            | 1.0                        | 0.0               | 60.3                        | -43.1 47.8 64.4   | 132               | 0.275 1.0                   | 0.0               | 59.9         | -43.9 47.2 64.5 | 133             | 0.283     | 1.0  | 0.0   | 0.173 1.0 | 0.0       | 55.9  | -51.0 39.3 64.4 | 142             | 0.283           | 1.0       | 0.0 |       |       |
| 133        | 134        | 143        | 0.266            | 1.0                        | 0.0               | 59.4                        | -44.7 46.4 64.4   | 133               | 0.266 1.0                   | 0.0               | 59.4         | -44.7 46.4 64.5 | 134             | 0.267     | 1.0  | 0.0   | 0.16      | 1.0       | 0.0   | 55.4            | -51.7 38.2 64.4 | 143             | 0.267     | 1.0 | 0.0   |       |
| 135        | 135        | 144        | 0.25             | 1.0                        | 0.0               | 58.4                        | -46.3 44.9 64.5   | 135               | 0.258 1.0                   | 0.0               | 58.9         | -45.5 45.6 64.5 | 135             | 0.25      | 1.0  | 0.0   | 0.146 1.0 | 0.0       | 54.9  | -52.5 37.2 64.4 | 144             | 0.25            | 1.0       | 0.0 |       |       |
| 137        | 136        | 145        | 0.233            | 1.0                        | 0.0               | 57.9                        | -47.3 43.7 64.5   | 137               | 0.248 1.0                   | 0.0               | 58.4         | -46.3 44.8 64.5 | 136             | 0.233     | 1.0  | 0.0   | 0.132 1.0 | 0.0       | 54.5  | -53.2 36.1 64.4 | 145             | 0.233           | 1.0       | 0.0 |       |       |
| 138        | 137        | 147        | 0.216            | 1.0                        | 0.0               | 57.3                        | -48.4 42.5 64.4   | 138               | 0.237 1.0                   | 0.0               | 58.0         | -47.1 44.0 64.5 | 137             | 0.217     | 1.0  | 0.0   | 0.119 1.0 | 0.0       | 54.0  | -54.2 35.2 64.7 | 147             | 0.217           | 1.0       | 0.0 |       |       |
| 140        | 138        | 148        | 0.2              | 1.0                        | 0.0               | 56.7                        | -49.4 41.3 64.4   | 140               | 0.225 1.0                   | 0.0               | 57.6         | -47.8 43.2 64.5 | 138             | 0.2       | 1.0  | 0.0   | 0.105 1.0 | 0.0       | 53.5  | -55.5 34.4 65.4 | 148             | 0.2             | 1.0       | 0.0 |       |       |
| 141        | 139        | 149        | 0.183            | 1.0                        | 0.0               | 56.2                        | -50.4 40.0 64.4   | 141               | 0.213 1.0                   | 0.0               | 57.2         | -48.6 42.3 64.5 | 139             | 0.183     | 1.0  | 0.0   | 0.091 1.0 | 0.0       | 53.0  | -56.8 33.6 66.1 | 149             | 0.183           | 1.0       | 0.0 |       |       |
| 142        | 140        | 150        | 0.166            | 1.0                        | 0.0               | 55.6                        | -51.4 38.7 64.4   | 142               | 0.202 1.0                   | 0.0               | 56.8         | -49.3 41.4 64.5 | 140             | 0.167     | 1.0  | 0.0   | 0.077 1.0 | 0.0       | 52.5  | -58.1 32.8 66.8 | 150             | 0.167           | 1.0       | 0.0 |       |       |
| 144        | 141        | 151        | 0.15             | 1.0                        | 0.0               | 55.0                        | -52.3 37.4 64.3   | 144               | 0.19                        | 1.0               | 0.0          | 56.4            | -50.0 40.6 64.4 | 141       | 0.15 | 1.0   | 0.0       | 0.063 1.0 | 0.0   | 52.0            | -59.4 32.0 67.5 | 151             | 0.15      | 1.0 | 0.0   |       |
| 145        | 142        | 152        | 0.133            | 1.0                        | 0.0               | 54.5                        | -53.2 36.1 64.3   | 145               | 0.178 1.0                   | 0.0               | 56.0         | -50.7 39.7 64.4 | 142             | 0.133     | 1.0  | 0.0   | 0.049 1.0 | 0.0       | 51.5  | -60.6 31.1 68.2 | 152             | 0.133           | 1.0       | 0.0 |       |       |
| 147        | 143        | 154        | 0.116            | 1.0                        | 0.0               | 53.9                        | -54.4 35.0 64.7   | 147               | 0.166 1.0                   | 0.0               | 55.6         | -51.3 38.8 64.4 | 143             | 0.117     | 1.0  | 0.0   | 0.035 1.0 | 0.0       | 51.0  | -61.9 30.1 68.9 | 154             | 0.117           | 1.0       | 0.0 |       |       |
| 148        | 144        | 155        | 0.1              | 1.0                        | 0.0               | 53.3                        | -56.0 34.1 65.6   | 148               | 0.155 1.0                   | 0.0               | 55.2         | -52.0 37.9 64.4 | 144             | 0.1       | 1.0  | 0.0   | 0.021 1.0 | 0.0       | 50.5  | -63.1 29.2 69.6 | 155             | 0.1             | 1.0       | 0.0 |       |       |
| 150        | 145        | 156        | 0.083            | 1.0                        | 0.0               | 52.7                        | -57.5 33.2 66.4   | 150               | 0.143 1.0                   | 0.0               | 54.8         | -52.6 36.9 64.4 | 145             | 0.083     | 1.0  | 0.0   | 0.007 1.0 | 0.0       | 50.0  | -64.3 28.2 70.3 | 156             | 0.083           | 1.0       | 0.0 |       |       |
| 151        | 146        | 157        | 0.066            | 1.0                        | 0.0               | 52.1                        | -59.1 32.1 67.3   | 151               | 0.131 1.0                   | 0.0               | 54.4         | -53.3 36.0 64.4 | 146             | 0.067     | 1.0  | 0.0   | 0.0       | 1.0       | 0.012 | 49.8            | -64.8 26.8 70.2 | 157             | 0.067     | 1.0 | 0.0   |       |
| 152        | 147        | 158        | 0.049            | 1.0                        | 0.0               | 51.5                        | -60.6 31.1 68.1   | 152               | 0.119 1.0                   | 0.0               | 54.0         | -54.1 35.2 64.6 | 147             | 0.05      | 1.0  | 0.0   | 0.0       | 1.0       | 0.037 | 49.9            | -64.3 25.1 69.1 | 158             | 0.05      | 1.0 | 0.0   |       |
| 154        | 148        | 159        | 0.033            | 1.0                        | 0.0               | 50.9                        | -62.1 30.0 69.0   | 154               | 0.108 1.0                   | 0.0               | 53.6         | -55.2 34.6 65.2 | 148             | 0.033     | 1.0  | 0.0   | 0.0       | 1.0       | 0.062 | 50.1            | -63.8 23.4 68.0 | 159             | 0.033     | 1.0 | 0.0   |       |
| 155        | 149        | 161        | 0.016            | 1.0                        | 0.0               | 50.2                        | -63.6 28.8 69.8   | 155               | 0.096 1.0                   | 0.0               | 53.2         | -56.3 33.9 65.8 | 149             | 0.017     | 1.0  | 0.0   | 0.0       | 1.0       | 0.087 | 50.2            | -63.2 21.7 66.9 | 161             | 0.017     | 1.0 | 0.0   |       |
| 157        | 150        | 162        | 0.0              | 1.0                        | 0.0               | 49.6                        | -65.0 27.6 70.6   | 157               | $G_d$ 0.084 1.0             | 0.0               | 52.7         | -57.4 33.2 66.5 | 150             | $G_s$ 0.0 | 1.0  | 0.0   | 0.0       | 1.0       | 0.112 | 50.4            | -62.6 20.1 65.8 | 162             | $G_e$ 0.0 | 1.0 | 0.0   |       |
| 157        | 151        | 163        | 0.0              | 1.0                        | 0.016             | 49.7                        | -64.7 26.4 69.9   | 157               | 0.072 1.0                   | 0.0               | 52.3         | -58.5 32.5 67.1 | 151             | 0.0       | 1.0  | 0.017 | 0.0       | 1.0       | 0.13  | 50.5            | -62.1 18.9 65.0 | 163             | 0.0       | 1.0 | 0.017 |       |
| 158        | 152        | 164        | 0.0              | 1.0                        | 0.033             | 49.8                        | -64.4 25.3 69.2   | 158               | 0.06                        | 1.0               | 0.0          | 51.9            | -59.6 31.8 67.7 | 152       | 0.0  | 1.0   | 0.033     | 0.0       | 1.0   | 0.145           | 50.6            | -61.8 17.7 64.3 | 164       | 0.0 | 1.0   | 0.033 |
| 159        | 153        | 164        | 0.0              | 1.0                        | 0.05              | 50.0                        | -64.1 24.1 68.5   | 159               | 0.048 1.0                   | 0.0               | 51.4         | -60.7 31.0 68.3 | 153             | 0.0       | 1.0  | 0.05  | 0.0       | 1.0       | 0.16  | 50.7            | -61.3 16.5 63.6 | 164             | 0.0       | 1.0 | 0.05  |       |
| 160        | 154        | 165        | 0.0              | 1.0                        | 0.066             | 50.1                        | -63.7 23.0 67.8   | 160               | 0.036 1.0                   | 0.0               | 51.0         | -61.8 30.2 68.9 | 154             | 0.0       | 1.0  | 0.067 | 0.0       | 1.0       | 0.174 | 50.7            | -60.9 15.4 62.9 | 165             | 0.0       | 1.0 | 0.067 |       |
| 160        | 155        | 166        | 0.0              | 1.0                        | 0.083             | 50.2                        | -63.3 21.9 67.0   | 160               | 0.024 1.0                   | 0.0               | 50.6         | -62.9 29.4 69.5 | 155             | 0.0       | 1.0  | 0.083 | 0.0       | 1.0       | 0.189 | 50.8            | -60.5 14.2 62.2 | 166             | 0.0       | 1.0 | 0.083 |       |
| 161        | 156        | 167        | 0.0              | 1.0                        | 0.1               | 50.3                        | -63.0 20.8 66.3   | 161               | 0.012 1.0                   | 0.0               | 50.1         | -63.9 28.5 70.1 | 156             | 0.0       | 1.0  | 0.1   | 0.0       | 1.0       | 0.204 | 50.9            | -60.0 13.1 61.5 | 167             | 0.0       | 1.0 | 0.1   |       |
| 162        | 157        | 168        | 0.0              | 1.0                        | 0.116             | 50.4                        | -62.5 19.8 65.6   | 162               | 0.0                         | 1.0               | 0.0          | 49.7            | -65.0 27.6 70.7 | 157       | 0.0  | 1.0   | 0.117     | 0.0       | 1.0   | 0.218           | 51.0            | -59.5 12.0 60.8 | 168       | 0.0 | 1.0   | 0.117 |
| 163        | 158        | 169        | 0.0              | 1.0                        | 0.133             | 50.5                        | -62.1 18.6 64.8   | 163               | 0.0                         | 1.0               | 0.021        | 49.8            | -64.6 26.1 69.8 | 158       | 0.0  | 1.0   | 0.133     | 0.0       | 1.0   | 0.233           | 51.0            | -59.0 10.9 60.1 | 169       | 0.0 | 1.0   | 0.133 |
| 164        | 159        | 170        | 0.0              | 1.0                        | 0.15              | 50.6                        | -61.7 17.2 64.0   | 164               | 0.0                         | 1.0               | 0.043        | 50.0            | -64.2 24.7 68.8 | 159       | 0.0  | 1.0   | 0.15      | 0.0       | 1.0   | 0.248           | 51.1            | -58.5 9.9 59.4  | 170       | 0.0 | 1.0   | 0.15  |
| 165        | 160        | 171        | 0.0              | 1.0                        | 0.166             | 50.6                        | -61.2 15.9 63.2   | 165               | 0.0                         | 1.0               | 0.064        | 50.1            | -63.7 23.2 67.9 | 160       | 0.0  | 1.0   | 0.167     | 0.0       | 1.0   | 0.26            | 51.2            | -58.1 8.9 58.9  | 171       | 0.0 | 1.0   | 0.167 |
| 166        | 161        | 172        | 0.0              | 1.0                        | 0.183             | 50.7                        | -60.7 14.6 62.4   | 166               | 0.0                         | 1.0               | 0.086        | 50.2            | -63.2 21.8 67.0 | 161       | 0.0  | 1.0   | 0.183     | 0.0       | 1.0   | 0.271           | 51.3            | -57.7 7.9 58.4  | 172       | 0.0 | 1.0   | 0.183 |
| 167        | 162        | 173        | 0.0              | 1.0                        | 0.2               | 50.8                        | -60.2 13.3 61.6   | 167               | 0.0                         | 1.0               | 0.108        | 50.4            | -62.7 20.4 66.0 | 162       | 0.0  | 1.0   | 0.2       | 0.0       | 1.0   | 0.282           | 51.4            | -57.4 6.9 57.9  | 173       | 0.0 | 1.0   | 0.2   |
| 168        | 163        | 174        | 0.0              | 1.0                        | 0.216             | 50.9                        | -59.6 12.1 60.8   | 168               | 0.0                         | 1.0               | 0.128        | 50.5            | -62.2 19.0 65.1 | 163       | 0.0  | 1.0   | 0.217     | 0.0       | 1.0   | 0.293           | 51.4            | -57.0 5.9 57.4  | 174       | 0.0 | 1.0   | 0.217 |
| 169        | 164        | 175        | 0.0              | 1.0                        | 0.233             | 51.0                        | -59.0 10.9 60.0   | 169               | 0.0                         | 1.0               | 0.144        | 50.6            | -61.8 17.7 64.4 | 164       | 0.0  | 1.0   | 0.233     | 0.0       | 1.0   | 0.304           | 51.5            | -56.6 5.0 56.9  | 175       | 0.0 | 1.0   | 0.233 |
| 170        | 165        | 175        | 0                |                            |                   |                             |                   |                   |                             |                   |              |                 |                 |           |      |       |           |           |       |                 |                 |                 |           |     |       |       |



Data of Maximum color M in colorimetric system Offset standard print; separation cmy0\*, D65 for input or output; Six hue angles of the 60 degree standard colours  $RYGCBM_s$ :  $h_{ab,ds} = 30.0, 90.0, 150.0, 210.0, 270.0, 330.0$ ;

Six hue angles of the device colours  $RYGCBM_d$ :  $h_{ab,d} = 32.6, 94.4, 157.0, 233.3, 303.9, 359.5$ ; Six hue angles of the elementary colours  $RYGCBM_e$ :  $h_{ab,e} = 25.5, 92.3, 162.2, 217.0, 271.7, 328.6$

[illegible]

1-0131231-L0

SE180-71

LAB\*la0, YN=0%, XYZnw=3.5, 4.0, 6.0, 86.2, 91.2, 96.3, LAB\*nw=23.6, 0.0, 0.0, 96.5, 0.0, 0.0

Output: Offset standard print; separation cmy0\*, D65, page 13/33

TUB-test chart SE18: 1080 colours, offset standard paper

input:  $rqb/cmvk \rightarrow rqb_e$

48 step hue circles: *rgb-LabCh\** tables, 3D=0, de=1, *cmv0*

output: transfer to  $cmv0_e$

1-0131231-F0

TUB registration: 20130201-SE18/SE18L0NA.TXT /.PS  
application for measurement of offset print output, separ

TUB material: code=rha4ta

Data of Maximum color M in colorimetric system Offset standard print; separation cmy0\*, D65 for input or output; Six hue angles of the 60 degree standard colours  $RYGCBM_s$ :  $h_{ab,ds} = 30.0, 90.0, 150.0, 210.0, 270.0, 330.0$ ;  
Six hue angles of the device colours  $RYGCBM_d$ :  $h_{ab,d} = 32.6, 94.4, 157.0, 233.3, 303.9, 359.5$ ; Six hue angles of the elementary colours  $RYGCBM_e$ :  $h_{ab,e} = 25.5, 92.3, 162.2, 217.0, 271.7, 328.6$

| $h_{ab,d}$ | $h_{ab,s}$ | $h_{ab,e}$ | $rgb^*_{dd361M}$ | $LAB^*_{ddx361Mi}(x=LabCh)$ | $rgb^*_{ds361Mi}$ | $LAB^*_{dsx361Mi}(x=LabCh)$ | $rgb^*_{dd361Mi}$ | $LAB^*_{dex361Mi}(x=LabCh)$ | $rgb^*_{dd361Mi}$ | $LAB^*_{ddx361Mi}(x=LabCh)$ | $rgb^*_{de361Mi}$ | $LAB^*_{dex361Mi}(x=LabCh)$ | $rgb^*_{dd361Mi}$ | $rgb^*_{dd}$ | $rgb^*_{ds}$ | $rgb^*_{de}$ |      |     |       |       |     |       |      |       |       |       |       |       |      |     |       |       |     |
|------------|------------|------------|------------------|-----------------------------|-------------------|-----------------------------|-------------------|-----------------------------|-------------------|-----------------------------|-------------------|-----------------------------|-------------------|--------------|--------------|--------------|------|-----|-------|-------|-----|-------|------|-------|-------|-------|-------|-------|------|-----|-------|-------|-----|
| 233        | 210        | 216        | 0.0              | 1.0                         | 1.0               | 57.0                        | -29.7             | -39.8                       | 49.7              | 233                         | 0.0               | 1.0                         | 0.686             | 54.8         | -41.0        | -23.6        | 47.4 | 210 | $C_s$ | 0.0   | 1.0 | 0.767 | 55.5 | -37.7 | -28.4 | 47.4  | 216   | $C_e$ | 0.0  | 1.0 | 1.0   |       |     |
| 233        | 211        | 217        | 0.0              | 0.983                       | 1.0               | 56.6                        | -29.1             | -39.9                       | 49.4              | 233                         | 0.0               | 1.0                         | 0.697             | 54.9         | -40.5        | -24.3        | 47.4 | 211 | 0.0   | 0.983 | 1.0 | 0.0   | 1.0  | 0.78  | 55.5  | -37.3 | -29.0 | 47.4  | 217  | 0.0 | 0.983 | 1.0   |     |
| 234        | 212        | 218        | 0.0              | 0.966                       | 1.0               | 56.2                        | -28.4             | -39.9                       | 49.0              | 234                         | 0.0               | 1.0                         | 0.708             | 55.0         | -40.1        | -25.0        | 47.3 | 212 | 0.0   | 0.967 | 1.0 | 0.0   | 1.0  | 0.792 | 55.6  | -36.9 | -29.7 | 47.5  | 218  | 0.0 | 0.967 | 1.0   |     |
| 235        | 213        | 219        | 0.0              | 0.95                        | 1.0               | 55.9                        | -27.8             | -39.9                       | 48.7              | 235                         | 0.0               | 1.0                         | 0.72              | 55.1         | -39.6        | -25.7        | 47.3 | 213 | 0.0   | 0.95  | 1.0 | 0.0   | 1.0  | 0.805 | 55.7  | -36.5 | -30.3 | 47.6  | 219  | 0.0 | 0.95  | 1.0   |     |
| 235        | 214        | 220        | 0.0              | 0.933                       | 1.0               | 55.5                        | -27.2             | -39.9                       | 48.3              | 235                         | 0.0               | 1.0                         | 0.731             | 55.2         | -39.1        | -26.3        | 47.3 | 214 | 0.0   | 0.933 | 1.0 | 0.0   | 1.0  | 0.817 | 55.8  | -36.1 | -31.0 | 47.7  | 220  | 0.0 | 0.933 | 1.0   |     |
| 236        | 215        | 221        | 0.0              | 0.916                       | 1.0               | 55.1                        | -26.6             | -39.9                       | 48.0              | 236                         | 0.0               | 1.0                         | 0.742             | 55.3         | -38.6        | -27.0        | 47.2 | 215 | 0.0   | 0.917 | 1.0 | 0.0   | 1.0  | 0.83  | 55.9  | -35.7 | -31.6 | 47.8  | 221  | 0.0 | 0.917 | 1.0   |     |
| 236        | 216        | 222        | 0.0              | 0.9                         | 1.0               | 54.8                        | -26.0             | -39.9                       | 47.6              | 236                         | 0.0               | 1.0                         | 0.754             | 55.4         | -38.1        | -27.7        | 47.3 | 216 | 0.0   | 0.9   | 1.0 | 0.0   | 1.0  | 0.842 | 56.0  | -35.2 | -32.2 | 47.9  | 222  | 0.0 | 0.9   | 1.0   |     |
| 237        | 217        | 223        | 0.0              | 0.883                       | 1.0               | 54.4                        | -25.4             | -39.8                       | 47.3              | 237                         | 0.0               | 1.0                         | 0.768             | 55.5         | -37.7        | -28.4        | 47.4 | 217 | 0.0   | 0.883 | 1.0 | 0.0   | 1.0  | 0.855 | 56.0  | -34.8 | -32.8 | 48.0  | 223  | 0.0 | 0.883 | 1.0   |     |
| 238        | 218        | 224        | 0.0              | 0.866                       | 1.0               | 54.0                        | -24.7             | -39.8                       | 46.9              | 238                         | 0.0               | 1.0                         | 0.781             | 55.6         | -37.3        | -29.1        | 47.5 | 218 | 0.0   | 0.867 | 1.0 | 0.0   | 1.0  | 0.867 | 56.1  | -34.3 | -33.5 | 48.1  | 224  | 0.0 | 0.867 | 1.0   |     |
| 238        | 219        | 225        | 0.0              | 0.85                        | 1.0               | 53.6                        | -24.0             | -39.9                       | 46.5              | 238                         | 0.0               | 1.0                         | 0.795             | 55.6         | -36.9        | -29.8        | 47.5 | 219 | 0.0   | 0.85  | 1.0 | 0.0   | 1.0  | 0.88  | 56.2  | -33.9 | -34.1 | 48.2  | 225  | 0.0 | 0.85  | 1.0   |     |
| 239        | 220        | 226        | 0.0              | 0.833                       | 1.0               | 53.1                        | -23.3             | -39.9                       | 46.2              | 239                         | 0.0               | 1.0                         | 0.809             | 55.7         | -36.4        | -30.5        | 47.6 | 220 | 0.0   | 0.833 | 1.0 | 0.0   | 1.0  | 0.894 | 56.3  | -33.4 | -34.8 | 48.4  | 226  | 0.0 | 0.833 | 1.0   |     |
| 240        | 221        | 227        | 0.0              | 0.816                       | 1.0               | 52.7                        | -22.5             | -39.9                       | 45.8              | 240                         | 0.0               | 1.0                         | 0.822             | 55.8         | -35.9        | -31.2        | 47.7 | 221 | 0.0   | 0.817 | 1.0 | 0.0   | 1.0  | 0.907 | 56.4  | -33.0 | -35.4 | 48.5  | 227  | 0.0 | 0.817 | 1.0   |     |
| 241        | 222        | 227        | 0.0              | 0.8                         | 1.0               | 52.2                        | -21.8             | -39.8                       | 45.4              | 241                         | 0.0               | 1.0                         | 0.836             | 55.9         | -35.5        | -31.9        | 47.8 | 222 | 0.0   | 0.8   | 1.0 | 0.0   | 1.0  | 0.921 | 56.5  | -32.5 | -36.1 | 48.7  | 227  | 0.0 | 0.8   | 1.0   |     |
| 242        | 223        | 228        | 0.0              | 0.783                       | 1.0               | 51.8                        | -21.1             | -39.8                       | 45.1              | 242                         | 0.0               | 1.0                         | 0.85              | 56.0         | -35.0        | -32.6        | 47.9 | 223 | 0.0   | 0.783 | 1.0 | 0.0   | 1.0  | 0.934 | 56.6  | -32.1 | -36.7 | 48.9  | 228  | 0.0 | 0.783 | 1.0   |     |
| 242        | 224        | 229        | 0.0              | 0.766                       | 1.0               | 51.3                        | -20.4             | -39.8                       | 44.7              | 242                         | 0.0               | 1.0                         | 0.863             | 56.1         | -34.5        | -33.3        | 48.0 | 224 | 0.0   | 0.767 | 1.0 | 0.0   | 1.0  | 0.948 | 56.7  | -31.6 | -37.4 | 49.1  | 229  | 0.0 | 0.767 | 1.0   |     |
| 243        | 225        | 230        | 0.0              | 0.75                        | 1.0               | 50.9                        | -19.7             | -39.7                       | 44.3              | 243                         | 0.0               | 1.0                         | 0.877             | 56.2         | -33.9        | -33.9        | 48.2 | 225 | 0.0   | 0.75  | 1.0 | 0.0   | 1.0  | 0.961 | 56.8  | -31.1 | -38.0 | 49.3  | 230  | 0.0 | 0.75  | 1.0   |     |
| 244        | 226        | 231        | 0.0              | 0.733                       | 1.0               | 50.4                        | -19.0             | -39.7                       | 44.0              | 244                         | 0.0               | 1.0                         | 0.892             | 56.3         | -33.5        | -34.7        | 48.3 | 226 | 0.0   | 0.733 | 1.0 | 0.0   | 1.0  | 0.975 | 56.8  | -30.6 | -38.6 | 49.4  | 231  | 0.0 | 0.733 | 1.0   |     |
| 245        | 227        | 232        | 0.0              | 0.716                       | 1.0               | 50.0                        | -18.3             | -39.7                       | 43.7              | 245                         | 0.0               | 1.0                         | 0.907             | 56.4         | -33.0        | -35.4        | 48.5 | 227 | 0.0   | 0.717 | 1.0 | 0.0   | 1.0  | 0.988 | 56.9  | -30.1 | -39.3 | 49.6  | 232  | 0.0 | 0.717 | 1.0   |     |
| 246        | 228        | 233        | 0.0              | 0.7                         | 1.0               | 49.6                        | -17.5             | -39.7                       | 43.4              | 246                         | 0.0               | 1.0                         | 0.922             | 56.5         | -32.5        | -36.1        | 48.7 | 228 | 0.0   | 0.7   | 1.0 | 0.0   | 1.0  | 0.997 | 1.0   | 57.0  | -29.5 | -39.8 | 49.7 | 233 | 0.0   | 0.7   | 1.0 |
| 246        | 229        | 234        | 0.0              | 0.683                       | 1.0               | 49.1                        | -16.8             | -39.6                       | 43.1              | 246                         | 0.0               | 1.0                         | 0.936             | 56.6         | -32.0        | -36.8        | 48.9 | 229 | 0.0   | 0.683 | 1.0 | 0.0   | 1.0  | 0.971 | 1.0   | 56.4  | -28.6 | -39.8 | 49.2 | 234 | 0.0   | 0.683 | 1.0 |
| 247        | 230        | 235        | 0.0              | 0.666                       | 1.0               | 48.7                        | -16.1             | -39.6                       | 42.8              | 247                         | 0.0               | 1.0                         | 0.951             | 56.7         | -31.5        | -37.5        | 49.1 | 230 | 0.0   | 0.667 | 1.0 | 0.0   | 1.0  | 0.946 | 1.0   | 55.8  | -27.6 | -39.8 | 48.6 | 235 | 0.0   | 0.667 | 1.0 |
| 248        | 231        | 236        | 0.0              | 0.65                        | 1.0               | 48.2                        | -15.4             | -39.5                       | 42.4              | 248                         | 0.0               | 1.0                         | 0.966             | 56.8         | -30.9        | -38.2        | 49.3 | 231 | 0.0   | 0.65  | 1.0 | 0.0   | 1.0  | 0.92  | 1.0   | 55.3  | -26.7 | -39.8 | 48.1 | 236 | 0.0   | 0.65  | 1.0 |
| 249        | 232        | 237        | 0.0              | 0.633                       | 1.0               | 47.8                        | -14.7             | -39.5                       | 42.1              | 249                         | 0.0               | 1.0                         | 0.981             | 56.9         | -30.4        | -38.9        | 49.5 | 232 | 0.0   | 0.633 | 1.0 | 0.0   | 1.0  | 0.895 | 1.0   | 54.7  | -25.8 | -39.8 | 47.6 | 237 | 0.0   | 0.633 | 1.0 |
| 250        | 233        | 237        | 0.0              | 0.616                       | 1.0               | 47.3                        | -13.8             | -39.5                       | 41.8              | 250                         | 0.0               | 1.0                         | 0.996             | 57.0         | -29.8        | -39.6        | 49.7 | 233 | 0.0   | 0.617 | 1.0 | 0.0   | 1.0  | 0.871 | 1.0   | 54.2  | -24.8 | -39.8 | 47.0 | 237 | 0.0   | 0.617 | 1.0 |
| 252        | 234        | 238        | 0.0              | 0.6                         | 1.0               | 46.7                        | -12.7             | -39.5                       | 41.5              | 252                         | 0.0               | 0.98                        | 1.0               | 56.6         | -28.9        | -39.8        | 49.4 | 234 | 0.0   | 0.6   | 1.0 | 0.0   | 1.0  | 0.851 | 1.0   | 53.6  | -24.0 | -39.8 | 46.6 | 238 | 0.0   | 0.6   | 1.0 |
| 253        | 235        | 239        | 0.0              | 0.583                       | 1.0               | 46.1                        | -11.6             | -39.6                       | 41.2              | 253                         | 0.0               | 0.952                       | 1.0               | 56.0         | -27.9        | -39.8        | 48.8 | 235 | 0.0   | 0.583 | 1.0 | 0.0   | 1.0  | 0.831 | 1.0   | 53.1  | -23.1 | -39.8 | 46.2 | 239 | 0.0   | 0.583 | 1.0 |
| 255        | 236        | 240        | 0.0              | 0.566                       | 1.0               | 45.5                        | -10.5             | -39.6                       | 40.9              | 255                         | 0.0               | 0.924                       | 1.0               | 55.4         | -26.8        | -39.8        | 48.2 | 236 | 0.0   | 0.567 | 1.0 | 0.0   | 1.0  | 0.812 | 1.0   | 52.6  | -22.3 | -39.8 | 45.7 | 240 | 0.0   | 0.567 | 1.0 |
| 256        | 237        | 241        | 0.0              | 0.55                        | 1.0               | 44.9                        | -9.5              | -39.5                       | 40.7              | 256                         | 0.0               | 0.897                       | 1.0               | 54.7         | -25.8        | -39.8        | 47.6 | 237 | 0.0   | 0.55  | 1.0 | 0.0   | 1.0  | 0.792 | 1.0   | 52.0  | -21.4 | -39.8 | 45.3 | 241 | 0.0   | 0.55  | 1.0 |
| 257        | 238        | 242        | 0.0              | 0.533                       | 1.0               | 44.3                        | -8.4              | -39.5                       | 40.4              | 257                         | 0.0               | 0.87                        | 1.0               | 54.1         | -24.8        | -39.8        | 47.0 | 238 | 0.0   | 0.533 | 1.0 | 0.0   | 1.0  | 0.772 | 1.0   | 51.5  | -20.6 | -39.7 | 44.9 | 242 | 0.0   | 0.533 | 1.0 |
| 259        | 239        | 243        | 0.0              | 0.516                       | 1.0               | 43.7                        | -7.3              | -39.4                       | 40.1              | 259                         | 0.0               | 0.848                       | 1.0               | 53.6         | -23.9        | -39.8        | 46.6 | 239 | 0.0   | 0.517 | 1.0 | 0.0   | 1.0  | 0.753 | 1.0   | 51.0  | -19.8 | -39.7 | 44.4 | 243 | 0.0   | 0.517 | 1.0 |
| 260        | 240        | 244        | 0.0              | 0.5                         | 1.0               | 43.1                        | -6.3              | -39.3                       | 39.8              | 260                         | 0.0               | 0.827                       | 1.0               | 53.0         | -22.9        | -39.8        | 46.1 | 240 | 0.0   | 0.5   | 1.0 | 0.0   | 1.0  | 0.734 | 1.0   | 50.5  | -19.0 | -39.7 | 44.1 | 244 | 0.0   | 0.5   | 1.0 |
| 262        | 241        | 245        | 0.0              | 0.483                       | 1.0               | 42.5                        | -5.2              | -39.3                       | 39.7              | 262                         | 0.0               | 0.805                       | 1.0               | 52.4         | -22.0        | -39.8        | 45.6 | 241 | 0.0   | 0.483 | 1.0 | 0.0   | 1.0  | 0.717 | 1.0   | 50.1  | -18.2 | -39.6 | 43.8 | 245 | 0.0   | 0.483 | 1.0 |
| 263        | 242        | 246        | 0.0              | 0.466                       | 1.0               | 41.9                        | -4.2              | -39.3                       | 39.5              | 263                         | 0.0               | 0.784                       | 1.0               | 51.8         | -21.1        | -39.8        | 45.1 | 242 | 0.0   | 0.467 | 1.0 | 0.0   | 1.0  | 0.699 | 1.0   | 49.6  | -17.4 | -39.6 | 43.4 | 246 | 0.0   | 0.467 | 1.0 |
| 265        | 243        | 247        | 0.0              | 0.45                        | 1.0               | 41.2                        | -3.1              | -39.3                       | 39.4              | 265                         | 0.0               | 0.762                       | 1.0               | 51.3         | -20.2        | -39.7        | 44.7 | 243 | 0.0   | 0.45  | 1.0 | 0.0   | 1.0  | 0.681 | 1.0   | 49.1  | -16.7 | -39.6 | 43.1 | 247 | 0.0   | 0.45  | 1.0 |
| 266        | 244        | 248        | 0.0              | 0.433                       | 1.0               | 40.6                        | -2.0              | -39.2                       | 39.3              | 266                         | 0.0               | 0.741                       | 1.0               | 50.7         | -19.3        | -39.7        | 44.2 | 244 | 0.0   | 0.433 | 1.0 | 0.0   | 1.0  | 0.663 | 1.0   | 48.6  | -15.9 | -39.5 | 42.7 | 248 | 0.0   | 0.433 | 1.0 |
| 268        | 245        | 248        | 0.0              | 0.416                       | 1.0               | 40.0                        | -1.0              | -39.2                       | 39.2              | 268                         | 0.0               | 0.722                       | 1.0               | 50.2         | -18.4        | -39.6        | 43.9 | 245 | 0.0   | 0.417 | 1.0 | 0.0   | 1.0  | 0.645 | 1.0   | 48.2  | -15.1 | -39.5 | 42.4 | 248 | 0.0   | 0.417 | 1.0 |
| 269        | 246        | 249        | 0.0              | 0.4                         | 1.0               | 39.4                        | 0.0               | -39.0                       | 39.0              | 269                         | 0.0               | 0.702                       | 1.0               | 49.7         | -17.6        | -39.6        | 43.5 | 246 | 0.0   | 0.4   | 1.0 | 0.0   | 1.0  | 0.628 | 1.0   | 47.7  | -14.4 | -39.4 | 42.1 | 249 | 0.0   | 0.4   | 1.0 |
| 271        | 247        | 250        | 0.0              | 0.383                       | 1.0               | 38.8                        | 1.0               | -38.9                       | 38.9              | 271                         | 0.0               | 0.683                       | 1.0               | 49.2         | -16.7        | -39.6        | 43.1 | 247 | 0.0   | 0.383 | 1.0 | 0.0   | 1.0  | 0.616 | 1.0   | 47.3  | -13.7 | -39.4 | 41.9 | 250 | 0.0   | 0.383 | 1.0 |
| 273        | 248        | 251        | 0.0              | 0.366                       | 1.0               | 38.2                        | 2.0               | -38.9                       | 38.9              | 273                         | 0.0               | 0.663                       | 1.0               | 48.6         | -15.9        | -39.5        | 42.7 | 248 | 0.0   | 0.367 | 1.0 | 0.0   | 1.0  | 0.606 | 1.0   | 46.9  | -13.0 | -39.5 | 41.7 | 251 | 0.0   | 0.367 | 1.0 |
| 274        | 249        | 252        | 0.0              | 0.35                        | 1.0               | 37.6                        | 3.1               | -39.0                       | 39.1              | 274                         | 0.0               | 0.644                       | 1.0               | 48.1         | -15.1        | -39.5        | 42.4 | 249 | 0.0   | 0.35  | 1.0 | 0.0   | 1.0  | 0.595 | 1.0   | 46.6  | -12.3 |       |      |     |       |       |     |

see similar files: <http://130.149.60.45/~farbmietrik/SE18/SE18.HTM>  
technical information: <http://www.ps.bam.de> or <http://130.149.60.45/~farbmietrik>

Data of Maximum color M in colorimetric system Offset standard print; separation cmy0\*, D65 for input or output; Six hue angles of the 60 degree standard colours *RYGBM*:  $h_{ab,ds} = 30.0, 90.0, 150.0, 210.0, 270.0, 330.0$ ;

Six hue angles of the device colours  $RYGCBM_d$ :  $h_{ab,d} = 32.6, 94.4, 157.0, 233.3, 303.9, 359.5$ ; Six hue angles of the elementary colours  $RYGCBM_e$ :  $h_{ab,e} = 25.5, 92.3, 162.2, 217.0, 271.7, 328.6$

| $h_{ab,d}$ | $h_{ab,s}$ | $h_{ab,e}$ | $rgb^*_{dd361M}$ |       |     |      |      |       |      | $LAB^*_{ddx361Mi} (x=LabCh)$ |           |       |     |      |       |       | $rgb^*_{ds361Mi}$ | $LAB^*_{dsx361Mi} (x=LabCh)$ |           |       |     |     |       |     | $rgb^*_{dd361Mi}$ | $rgb^*_{de361Mi}$ |       |      |     |           |       |     | $LAB^*_{dex361Mi} (x=LabCh)$ |  |  |  |  |  |  | $rgb^*_{dd361Mi}$ |
|------------|------------|------------|------------------|-------|-----|------|------|-------|------|------------------------------|-----------|-------|-----|------|-------|-------|-------------------|------------------------------|-----------|-------|-----|-----|-------|-----|-------------------|-------------------|-------|------|-----|-----------|-------|-----|------------------------------|--|--|--|--|--|--|-------------------|
| 284        | 255        | 258        | 0.0              | 0.25  | 1.0 | 34.1 | 9.8  | -38.8 | 40.0 | 284                          | 0.0       | 0.567 | 1.0 | 45.6 | -10.5 | -39.5 | 41.0              | 255                          | 0.0       | 0.25  | 1.0 | 0.0 | 0.532 | 1.0 | 44.3              | -8.3              | -39.4 | 40.4 | 258 | 0.0       | 0.25  | 1.0 |                              |  |  |  |  |  |  |                   |
| 285        | 256        | 258        | 0.0              | 0.233 | 1.0 | 33.5 | 10.9 | -38.9 | 40.4 | 285                          | 0.0       | 0.556 | 1.0 | 45.1 | -9.8  | -39.5 | 40.8              | 256                          | 0.0       | 0.233 | 1.0 | 0.0 | 0.522 | 1.0 | 43.9              | -7.6              | -39.4 | 40.2 | 258 | 0.0       | 0.233 | 1.0 |                              |  |  |  |  |  |  |                   |
| 287        | 257        | 259        | 0.0              | 0.216 | 1.0 | 32.9 | 12.1 | -39.0 | 40.8 | 287                          | 0.0       | 0.544 | 1.0 | 44.7 | -9.0  | -39.5 | 40.6              | 257                          | 0.0       | 0.217 | 1.0 | 0.0 | 0.511 | 1.0 | 43.5              | -6.9              | -39.3 | 40.0 | 259 | 0.0       | 0.217 | 1.0 |                              |  |  |  |  |  |  |                   |
| 288        | 258        | 260        | 0.0              | 0.2   | 1.0 | 32.2 | 13.2 | -39.0 | 41.2 | 288                          | 0.0       | 0.533 | 1.0 | 44.3 | -8.3  | -39.4 | 40.4              | 258                          | 0.0       | 0.2   | 1.0 | 0.0 | 0.501 | 1.0 | 43.2              | -6.3              | -39.2 | 39.9 | 260 | 0.0       | 0.2   | 1.0 |                              |  |  |  |  |  |  |                   |
| 290        | 259        | 261        | 0.0              | 0.183 | 1.0 | 31.6 | 14.4 | -39.0 | 41.6 | 290                          | 0.0       | 0.521 | 1.0 | 43.9 | -7.6  | -39.4 | 40.2              | 259                          | 0.0       | 0.183 | 1.0 | 0.0 | 0.491 | 1.0 | 42.8              | -5.6              | -39.3 | 39.8 | 261 | 0.0       | 0.183 | 1.0 |                              |  |  |  |  |  |  |                   |
| 291        | 260        | 262        | 0.0              | 0.166 | 1.0 | 31.0 | 15.5 | -39.0 | 42.0 | 291                          | 0.0       | 0.51  | 1.0 | 43.5 | -6.8  | -39.3 | 40.0              | 260                          | 0.0       | 0.167 | 1.0 | 0.0 | 0.481 | 1.0 | 42.4              | -5.0              | -39.3 | 39.7 | 262 | 0.0       | 0.167 | 1.0 |                              |  |  |  |  |  |  |                   |
| 293        | 261        | 263        | 0.0              | 0.15  | 1.0 | 30.4 | 16.7 | -39.0 | 42.4 | 293                          | 0.0       | 0.498 | 1.0 | 43.1 | -6.1  | -39.2 | 39.8              | 261                          | 0.0       | 0.15  | 1.0 | 0.0 | 0.471 | 1.0 | 42.1              | -4.4              | -39.3 | 39.6 | 263 | 0.0       | 0.15  | 1.0 |                              |  |  |  |  |  |  |                   |
| 294        | 262        | 264        | 0.0              | 0.133 | 1.0 | 29.8 | 17.9 | -38.9 | 42.8 | 294                          | 0.0       | 0.487 | 1.0 | 42.7 | -5.4  | -39.3 | 39.7              | 262                          | 0.0       | 0.133 | 1.0 | 0.0 | 0.461 | 1.0 | 41.7              | -3.7              | -39.3 | 39.5 | 264 | 0.0       | 0.133 | 1.0 |                              |  |  |  |  |  |  |                   |
| 296        | 263        | 265        | 0.0              | 0.116 | 1.0 | 29.2 | 19.0 | -38.9 | 43.3 | 296                          | 0.0       | 0.477 | 1.0 | 42.3 | -4.7  | -39.3 | 39.7              | 263                          | 0.0       | 0.117 | 1.0 | 0.0 | 0.451 | 1.0 | 41.3              | -3.1              | -39.2 | 39.5 | 265 | 0.0       | 0.117 | 1.0 |                              |  |  |  |  |  |  |                   |
| 297        | 264        | 266        | 0.0              | 0.1   | 1.0 | 28.7 | 20.0 | -38.9 | 43.8 | 297                          | 0.0       | 0.466 | 1.0 | 41.9 | -4.0  | -39.3 | 39.6              | 264                          | 0.0       | 0.1   | 1.0 | 0.0 | 0.441 | 1.0 | 41.0              | -2.5              | -39.2 | 39.4 | 266 | 0.0       | 0.1   | 1.0 |                              |  |  |  |  |  |  |                   |
| 298        | 265        | 267        | 0.0              | 0.083 | 1.0 | 28.3 | 20.9 | -39.0 | 44.2 | 298                          | 0.0       | 0.455 | 1.0 | 41.5 | -3.3  | -39.3 | 39.5              | 265                          | 0.0       | 0.083 | 1.0 | 0.0 | 0.431 | 1.0 | 40.6              | -1.8              | -39.2 | 39.3 | 267 | 0.0       | 0.083 | 1.0 |                              |  |  |  |  |  |  |                   |
| 299        | 266        | 268        | 0.0              | 0.066 | 1.0 | 27.8 | 21.9 | -39.0 | 44.7 | 299                          | 0.0       | 0.444 | 1.0 | 41.1 | -2.6  | -39.2 | 39.4              | 266                          | 0.0       | 0.067 | 1.0 | 0.0 | 0.421 | 1.0 | 40.2              | -1.2              | -39.1 | 39.2 | 268 | 0.0       | 0.067 | 1.0 |                              |  |  |  |  |  |  |                   |
| 300        | 267        | 269        | 0.0              | 0.049 | 1.0 | 27.3 | 23.0 | -38.9 | 45.2 | 300                          | 0.0       | 0.433 | 1.0 | 40.7 | -2.0  | -39.2 | 39.3              | 267                          | 0.0       | 0.05  | 1.0 | 0.0 | 0.411 | 1.0 | 39.8              | -0.6              | -39.1 | 39.2 | 269 | 0.0       | 0.05  | 1.0 |                              |  |  |  |  |  |  |                   |
| 301        | 268        | 269        | 0.0              | 0.033 | 1.0 | 26.8 | 24.0 | -38.9 | 45.7 | 301                          | 0.0       | 0.422 | 1.0 | 40.3 | -1.3  | -39.1 | 39.3              | 268                          | 0.0       | 0.033 | 1.0 | 0.0 | 0.401 | 1.0 | 39.5              | 0.0               | -39.0 | 39.1 | 269 | 0.0       | 0.033 | 1.0 |                              |  |  |  |  |  |  |                   |
| 302        | 269        | 270        | 0.0              | 0.016 | 1.0 | 26.3 | 25.0 | -38.8 | 46.2 | 302                          | 0.0       | 0.411 | 1.0 | 39.8 | -0.6  | -39.1 | 39.2              | 269                          | 0.0       | 0.017 | 1.0 | 0.0 | 0.391 | 1.0 | 39.1              | 0.6               | -38.9 | 39.0 | 270 | 0.0       | 0.017 | 1.0 |                              |  |  |  |  |  |  |                   |
| 303        | 270        | 271        | 0.0              | 0.0   | 1.0 | 25.8 | 26.0 | -38.7 | 46.7 | 303                          | $B_d$ 0.0 | 0.4   | 1.0 | 39.4 | 0.0   | -39.0 | 39.1              | 270                          | $B_s$ 0.0 | 0.0   | 1.0 | 0.0 | 0.381 | 1.0 | 38.7              | 1.2               | -38.8 | 39.0 | 271 | $B_e$ 0.0 | 0.0   | 1.0 |                              |  |  |  |  |  |  |                   |
| 305        | 271        | 272        | 0.016            | 0.0   | 1.0 | 26.2 | 26.9 | -38.3 | 46.8 | 305                          | 0.0       | 0.389 | 1.0 | 39.0 | 0.7   | -38.9 | 39.0              | 271                          | 0.017     | 0.0   | 1.0 | 0.0 | 0.371 | 1.0 | 38.4              | 1.8               | -38.8 | 38.9 | 272 | 0.017     | 0.0   | 1.0 |                              |  |  |  |  |  |  |                   |
| 306        | 272        | 273        | 0.033            | 0.0   | 1.0 | 26.5 | 27.8 | -37.9 | 47.0 | 306                          | 0.0       | 0.378 | 1.0 | 38.6 | 1.4   | -38.8 | 38.9              | 272                          | 0.033     | 0.0   | 1.0 | 0.0 | 0.361 | 1.0 | 38.0              | 2.5               | -38.9 | 39.0 | 273 | 0.033     | 0.0   | 1.0 |                              |  |  |  |  |  |  |                   |
| 307        | 273        | 274        | 0.05             | 0.0   | 1.0 | 26.9 | 28.7 | -37.4 | 47.2 | 307                          | 0.0       | 0.367 | 1.0 | 38.3 | 2.0   | -38.8 | 39.0              | 273                          | 0.05      | 0.0   | 1.0 | 0.0 | 0.351 | 1.0 | 37.7              | 3.1               | -38.9 | 39.1 | 274 | 0.05      | 0.0   | 1.0 |                              |  |  |  |  |  |  |                   |
| 308        | 274        | 275        | 0.066            | 0.0   | 1.0 | 27.2 | 29.6 | -36.9 | 47.3 | 308                          | 0.0       | 0.357 | 1.0 | 37.9 | 2.7   | -38.9 | 39.1              | 274                          | 0.067     | 0.0   | 1.0 | 0.0 | 0.341 | 1.0 | 37.3              | 3.8               | -38.9 | 39.2 | 275 | 0.067     | 0.0   | 1.0 |                              |  |  |  |  |  |  |                   |
| 309        | 275        | 276        | 0.083            | 0.0   | 1.0 | 27.5 | 30.5 | -36.4 | 47.5 | 309                          | 0.0       | 0.347 | 1.0 | 37.5 | 3.4   | -38.9 | 39.2              | 275                          | 0.083     | 0.0   | 1.0 | 0.0 | 0.331 | 1.0 | 37.0              | 4.4               | -39.0 | 39.3 | 276 | 0.083     | 0.0   | 1.0 |                              |  |  |  |  |  |  |                   |
| 311        | 276        | 277        | 0.1              | 0.0   | 1.0 | 27.9 | 31.3 | -35.9 | 47.6 | 311                          | 0.0       | 0.336 | 1.0 | 37.2 | 4.1   | -39.0 | 39.3              | 276                          | 0.1       | 0.0   | 1.0 | 0.0 | 0.321 | 1.0 | 36.6              | 5.1               | -39.0 | 39.4 | 277 | 0.1       | 0.0   | 1.0 |                              |  |  |  |  |  |  |                   |
| 312        | 277        | 278        | 0.116            | 0.0   | 1.0 | 28.2 | 32.2 | -35.3 | 47.8 | 312                          | 0.0       | 0.326 | 1.0 | 36.8 | 4.8   | -39.0 | 39.4              | 277                          | 0.117     | 0.0   | 1.0 | 0.0 | 0.311 | 1.0 | 36.3              | 5.8               | -39.0 | 39.5 | 278 | 0.117     | 0.0   | 1.0 |                              |  |  |  |  |  |  |                   |
| 313        | 278        | 279        | 0.133            | 0.0   | 1.0 | 28.5 | 33.1 | -34.8 | 48.1 | 313                          | 0.0       | 0.315 | 1.0 | 36.4 | 5.5   | -39.0 | 39.5              | 278                          | 0.133     | 0.0   | 1.0 | 0.0 | 0.302 | 1.0 | 35.9              | 6.4               | -39.0 | 39.6 | 279 | 0.133     | 0.0   | 1.0 |                              |  |  |  |  |  |  |                   |
| 314        | 279        | 280        | 0.15             | 0.0   | 1.0 | 28.6 | 34.1 | -34.4 | 48.4 | 314                          | 0.0       | 0.305 | 1.0 | 36.1 | 6.2   | -39.0 | 39.6              | 279                          | 0.15      | 0.0   | 1.0 | 0.0 | 0.292 | 1.0 | 35.6              | 7.1               | -38.9 | 39.7 | 280 | 0.15      | 0.0   | 1.0 |                              |  |  |  |  |  |  |                   |
| 315        | 280        | 281        | 0.166            | 0.0   | 1.0 | 28.7 | 35.0 | -33.9 | 48.8 | 315                          | 0.0       | 0.294 | 1.0 | 35.7 | 6.9   | -38.9 | 39.7              | 280                          | 0.167     | 0.0   | 1.0 | 0.0 | 0.282 | 1.0 | 35.2              | 7.7               | -38.9 | 39.8 | 281 | 0.167     | 0.0   | 1.0 |                              |  |  |  |  |  |  |                   |
| 317        | 281        | 282        | 0.183            | 0.0   | 1.0 | 28.8 | 36.0 | -33.4 | 49.1 | 317                          | 0.0       | 0.284 | 1.0 | 35.3 | 7.6   | -38.9 | 39.7              | 281                          | 0.183     | 0.0   | 1.0 | 0.0 | 0.272 | 1.0 | 34.9              | 8.4               | -38.9 | 39.9 | 282 | 0.183     | 0.0   | 1.0 |                              |  |  |  |  |  |  |                   |
| 318        | 282        | 283        | 0.2              | 0.0   | 1.0 | 28.9 | 37.0 | -32.9 | 49.5 | 318                          | 0.0       | 0.274 | 1.0 | 35.0 | 8.3   | -38.9 | 39.8              | 282                          | 0.2       | 0.0   | 1.0 | 0.0 | 0.262 | 1.0 | 34.6              | 9.1               | -38.8 | 39.9 | 283 | 0.2       | 0.0   | 1.0 |                              |  |  |  |  |  |  |                   |
| 319        | 283        | 284        | 0.216            | 0.0   | 1.0 | 29.0 | 37.9 | -32.3 | 49.8 | 319                          | 0.0       | 0.263 | 1.0 | 34.6 | 9.0   | -38.8 | 39.9              | 283                          | 0.217     | 0.0   | 1.0 | 0.0 | 0.252 | 1.0 | 34.2              | 9.7               | -38.7 | 40.0 | 284 | 0.217     | 0.0   | 1.0 |                              |  |  |  |  |  |  |                   |
| 320        | 284        | 285        | 0.233            | 0.0   | 1.0 | 29.1 | 38.9 | -31.7 | 50.2 | 320                          | 0.0       | 0.253 | 1.0 | 34.2 | 9.7   | -38.7 | 40.0              | 284                          | 0.233     | 0.0   | 1.0 | 0.0 | 0.242 | 1.0 | 33.8              | 10.4              | -38.8 | 40.3 | 285 | 0.233     | 0.0   | 1.0 |                              |  |  |  |  |  |  |                   |
| 322        | 285        | 285        | 0.25             | 0.0   | 1.0 | 29.2 | 39.8 | -31.1 | 50.6 | 322                          | 0.0       | 0.242 | 1.0 | 33.8 | 10.4  | -38.8 | 40.3              | 285                          | 0.25      | 0.0   | 1.0 | 0.0 | 0.231 | 1.0 | 33.4              | 11.1              | -38.9 | 40.5 | 285 | 0.25      | 0.0   | 1.0 |                              |  |  |  |  |  |  |                   |
| 323        | 286        | 286        | 0.266            | 0.0   | 1.0 | 29.8 | 41.3 | -30.4 | 51.3 | 323                          | 0.0       | 0.231 | 1.0 | 33.4 | 11.2  | -38.9 | 40.5              | 286                          | 0.267     | 0.0   | 1.0 | 0.0 | 0.221 | 1.0 | 33.0              | 11.9              | -38.9 | 40.8 | 286 | 0.267     | 0.0   | 1.0 |                              |  |  |  |  |  |  |                   |
| 325        | 287        | 287        | 0.283            | 0.0   | 1.0 | 30.3 | 42.7 | -29.7 | 52.0 | 325                          | 0.0       | 0.22  | 1.0 | 33.0 | 11.9  | -38.9 | 40.8              | 287                          | 0.283     | 0.0   | 1.0 | 0.0 | 0.21  | 1.0 | 32.7              | 12.6              | -38.9 | 41.0 | 287 | 0.283     | 0.0   | 1.0 |                              |  |  |  |  |  |  |                   |
| 326        | 288        | 288        | 0.3              | 0.0   | 1.0 | 30.9 | 44.1 | -28.9 | 52.7 | 326                          | 0.0       | 0.208 | 1.0 | 32.6 | 12.7  | -39.0 | 41.1              | 288                          | 0.3       | 0.0   | 1.0 | 0.0 | 0.199 | 1.0 | 32.3              | 13.3              | -39.0 | 41.3 | 288 | 0.3       | 0.0   | 1.0 |                              |  |  |  |  |  |  |                   |
| 328        | 289        | 289        | 0.316            | 0.0   | 1.0 | 31.4 | 45.5 | -28.0 | 53.4 | 328                          | 0.0       | 0.197 | 1.0 | 32.2 | 13.5  | -39.0 | 41.3              | 289                          | 0.317     | 0.0   | 1.0 | 0.0 | 0.189 | 1.0 | 31.9              | 14.0              | -39.0 | 41.5 | 289 | 0.317     | 0.0   | 1.0 |                              |  |  |  |  |  |  |                   |
| 329        | 290        | 290        | 0.333            | 0.0   | 1.0 | 31.9 | 46.8 | -27.1 | 54.1 | 329                          | 0.0       | 0.186 | 1.0 | 31.8 | 14.2  | -39.0 | 41.6              | 290                          | 0.333     | 0.0   | 1.0 | 0.0 | 0.178 | 1.0 | 31.5              | 14.8              | -39.0 | 41.8 | 290 | 0.333     | 0.0   | 1.0 |                              |  |  |  |  |  |  |                   |
| 331        | 291        | 291        | 0.35             | 0.0   | 1.0 | 32.5 | 48.2 | -26.1 | 54.9 | 331                          | 0.0       | 0.175 | 1.0 | 31.4 | 15.0  | -39.0 | 41.9              | 291                          | 0.35      | 0.0   | 1.0 | 0.0 | 0.168 | 1.0 | 31.1              | 15.5              | -39.0 | 42.0 | 291 | 0.35      | 0.0   | 1.0 |                              |  |  |  |  |  |  |                   |
| 333        | 292        | 292        | 0.366            | 0.0   | 1.0 | 33.0 | 49.6 | -25.1 | 55.6 | 333                          | 0.0       | 0.164 | 1.0 | 31.0 | 15.8  | -39.0 | 42.1              | 292                          | 0.367     | 0.0   | 1.0 | 0.0 | 0.157 | 1.0 | 30.7              | 16.2              | -38.9 | 42.3 | 292 | 0.367     | 0.0   | 1.0 |                              |  |  |  |  |  |  |                   |
| 334        | 293        | 293        | 0.383            | 0.0   | 1.0 | 33.5 | 50.6 | -24.3 | 56.2 | 334                          | 0.0       | 0.153 | 1.0 | 30.5 | 16.6  | -38.9 | 42.4              | 293                          | 0.383     | 0.0   | 1.0 | 0.0 | 0.147 | 1.0 | 30.3              | 17.0              | -38.9 | 42.5 | 293 | 0.383     | 0.0   | 1.0 |                              |  |  |  |  |  |  |                   |
| 335        | 294        | 294        | 0.4              | 0.0   | 1.0 | 34.0 | 51.5 | -23.7 | 56.7 | 335                          | 0.0       | 0.142 | 1.0 | 30.1 | 17.4  | -38.9 | 42.7              | 294                          | 0.4       | 0.0   | 1.0 | 0.0 | 0.136 | 1.0 | 29.9              | 17.7              | -38.9 | 42.8 | 294 | 0.4       | 0.0   | 1.0 |                              |  |  |  |  |  |  |                   |
| 336        | 295        | 295        | 0.416            | 0.0   | 1.0 | 34.4 | 52.4 | -23.1 | 57.3 | 336                          | 0.0       | 0.13  | 1.0 | 29.7 | 18.1  | -38.8 | 42.9              | 295                          | 0.417     | 0.0   | 1.0 | 0.0 | 0.126 | 1.0 | 29.6              | 18.5              | -38.8 | 43.1 | 295 | 0.417     | 0.0   | 1.0 |                              |  |  |  |  |  |  |                   |
| 337        | 296        | 296        | 0.433            | 0.0   | 1.0 | 34.9 | 53.2 | -22.5 | 57.8 | 337                          | 0.0       | 0.117 | 1.0 | 29.3 | 19.0  | -38.8 | 43.3              | 296                          | 0.433     | 0.0   | 1.0 | 0.0 | 0.112 | 1.0 | 29.1              | 19.3              | -38.8 | 43.5 | 296 | 0.433     | 0.0   | 1.0 |                              |  |  |  |  |  |  |                   |
| 337        | 297        | 297        | 0.45             | 0.0   | 1.0 | 35.4 | 54.0 | -21.9 | 58.3 |                              |           |       |     |      |       |       |                   |                              |           |       |     |     |       |     |                   |                   |       |      |     |           |       |     |                              |  |  |  |  |  |  |                   |

1-0131431-L0

SE180-71

LAB\*la0, YN=0%, XYZnw=3.5, 4.0, 6.0, 86.2, 91.2, 96.3, LAB\*nw=23.6, 0.0, 0.0, 96.5, 0.0, 0.0

Output: Offset standard print; separation cmy0\*, D65, page 15/33

TUB-test chart SE18: 1080 colours, offset standard paper

input:  $rqb/cmvk \rightarrow rqbe$

48 step hue circles: *rgb-LabCh\** tables, 3D=0, de=1, cmv0

output: transfer to *cmv0*.

1-0131431-F0

TUB registration: 20130201-SE18/SE18L0NA.TXT /.PS  
application for measurement of offset print output, separations

TUB material: code=rha4ta  
y0 (CMY0)

Data of Maximum color M in colorimetric system Offset standard print; separation cmy0\*, D65 for input or output; Six hue angles of the 60 degree standard colours  $RYGCBM_s$ :  $h_{ab,ds} = 30.0, 90.0, 150.0, 210.0, 270.0, 330.0$ ;  
Six hue angles of the device colours  $RYGCBM_d$ :  $h_{ab,d} = 32.6, 94.4, 157.0, 233.3, 303.9, 359.5$ ; Six hue angles of the elementary colours  $RYGCBM_e$ :  $h_{ab,e} = 25.5, 92.3, 162.2, 217.0, 271.7, 328.6$

| $h_{ab,d}$ | $h_{ab,s}$ | $h_{ab,e}$ | $rgb^*_{dd361M}$ | $LAB^*_{d361Mi}$ | $LAB^*_{ds361Mi}$ | $LAB^*_{ds361Mi}$ | $rgb^*_{dd361Mi}$ | $LAB^*_{de361Mi}$ | $LAB^*_{dex361Mi}$ | $rgb^*_{dd361Mi}$ | $rgb^*_{dd361Mi}$ | $rgb^*_{dd361Mi}$ | $rgb^*_{dd361Mi}$ |      |      |       |      |     |       |     |       |       |       |     |      |      |       |      |     |       |     |       |
|------------|------------|------------|------------------|------------------|-------------------|-------------------|-------------------|-------------------|--------------------|-------------------|-------------------|-------------------|-------------------|------|------|-------|------|-----|-------|-----|-------|-------|-------|-----|------|------|-------|------|-----|-------|-----|-------|
| 340        | 300        | 300        | 0.5              | 0.0              | 1.0               | 36.7              | 56.5              | -19.8             | 59.9               | 340               | 0.0               | 0.058             | 1.0               | 27.6 | 22.5 | -38.9 | 45.0 | 300 | 0.5   | 0.0 | 1.0   | 0.0   | 0.055 | 1.0 | 27.5 | 22.7 | -38.9 | 45.1 | 300 | 0.5   | 0.0 | 1.0   |
| 341        | 301        | 301        | 0.516            | 0.0              | 1.0               | 37.1              | 57.6              | -19.0             | 60.7               | 341               | 0.0               | 0.043             | 1.0               | 27.1 | 23.4 | -38.9 | 45.5 | 301 | 0.517 | 0.0 | 1.0   | 0.0   | 0.041 | 1.0 | 27.1 | 23.5 | -38.9 | 45.5 | 301 | 0.517 | 0.0 | 1.0   |
| 342        | 302        | 302        | 0.533            | 0.0              | 1.0               | 37.4              | 58.7              | -18.2             | 61.5               | 342               | 0.0               | 0.028             | 1.0               | 26.7 | 24.3 | -38.8 | 45.9 | 302 | 0.533 | 0.0 | 1.0   | 0.0   | 0.027 | 1.0 | 26.7 | 24.4 | -38.8 | 45.9 | 302 | 0.533 | 0.0 | 1.0   |
| 343        | 303        | 303        | 0.55             | 0.0              | 1.0               | 37.7              | 59.8              | -17.3             | 62.2               | 343               | 0.0               | 0.014             | 1.0               | 26.3 | 25.2 | -38.8 | 46.3 | 303 | 0.55  | 0.0 | 1.0   | 0.0   | 0.013 | 1.0 | 26.3 | 25.3 | -38.8 | 46.3 | 303 | 0.55  | 0.0 | 1.0   |
| 344        | 304        | 303        | 0.566            | 0.0              | 1.0               | 38.0              | 60.8              | -16.5             | 63.0               | 344               | 0.001             | 0.0               | 1.0               | 25.9 | 26.1 | -38.7 | 46.8 | 304 | 0.567 | 0.0 | 1.0   | 0.001 | 0.0   | 1.0 | 25.9 | 26.1 | -38.7 | 46.7 | 303 | 0.567 | 0.0 | 1.0   |
| 345        | 305        | 304        | 0.583            | 0.0              | 1.0               | 38.3              | 61.9              | -15.5             | 63.8               | 345               | 0.015             | 0.0               | 1.0               | 26.2 | 26.9 | -38.3 | 46.9 | 305 | 0.583 | 0.0 | 1.0   | 0.014 | 0.0   | 1.0 | 26.2 | 26.8 | -38.3 | 46.9 | 304 | 0.583 | 0.0 | 1.0   |
| 346        | 306        | 305        | 0.6              | 0.0              | 1.0               | 38.7              | 62.9              | -14.6             | 64.6               | 346               | 0.029             | 0.0               | 1.0               | 26.5 | 27.6 | -37.9 | 47.0 | 306 | 0.6   | 0.0 | 1.0   | 0.027 | 0.0   | 1.0 | 26.4 | 27.5 | -38.0 | 47.0 | 305 | 0.6   | 0.0 | 1.0   |
| 347        | 307        | 306        | 0.616            | 0.0              | 1.0               | 39.0              | 63.9              | -13.6             | 65.3               | 347               | 0.043             | 0.0               | 1.0               | 26.8 | 28.4 | -37.6 | 47.1 | 307 | 0.617 | 0.0 | 1.0   | 0.04  | 0.0   | 1.0 | 26.7 | 28.2 | -37.6 | 47.1 | 306 | 0.617 | 0.0 | 1.0   |
| 348        | 308        | 307        | 0.633            | 0.0              | 1.0               | 39.4              | 64.8              | -12.8             | 66.1               | 348               | 0.057             | 0.0               | 1.0               | 27.0 | 29.1 | -37.2 | 47.3 | 308 | 0.633 | 0.0 | 1.0   | 0.053 | 0.0   | 1.0 | 27.0 | 28.9 | -37.3 | 47.2 | 307 | 0.633 | 0.0 | 1.0   |
| 349        | 309        | 308        | 0.65             | 0.0              | 1.0               | 39.8              | 65.6              | -12.2             | 66.7               | 349               | 0.071             | 0.0               | 1.0               | 27.3 | 29.8 | -36.7 | 47.4 | 309 | 0.65  | 0.0 | 1.0   | 0.066 | 0.0   | 1.0 | 27.2 | 29.6 | -36.9 | 47.4 | 308 | 0.65  | 0.0 | 1.0   |
| 350        | 310        | 309        | 0.666            | 0.0              | 1.0               | 40.3              | 66.3              | -11.6             | 67.3               | 350               | 0.084             | 0.0               | 1.0               | 27.6 | 30.6 | -36.3 | 47.5 | 310 | 0.667 | 0.0 | 1.0   | 0.08  | 0.0   | 1.0 | 27.5 | 30.3 | -36.5 | 47.5 | 309 | 0.667 | 0.0 | 1.0   |
| 350        | 311        | 310        | 0.683            | 0.0              | 1.0               | 40.8              | 67.1              | -11.0             | 68.0               | 350               | 0.098             | 0.0               | 1.0               | 27.9 | 31.3 | -35.9 | 47.7 | 311 | 0.683 | 0.0 | 1.0   | 0.093 | 0.0   | 1.0 | 27.8 | 31.0 | -36.1 | 47.6 | 310 | 0.683 | 0.0 | 1.0   |
| 351        | 312        | 311        | 0.7              | 0.0              | 1.0               | 41.3              | 67.8              | -10.4             | 68.6               | 351               | 0.112             | 0.0               | 1.0               | 28.2 | 32.0 | -35.4 | 47.8 | 312 | 0.7   | 0.0 | 1.0   | 0.106 | 0.0   | 1.0 | 28.1 | 31.7 | -35.6 | 47.7 | 311 | 0.7   | 0.0 | 1.0   |
| 351        | 313        | 312        | 0.716            | 0.0              | 1.0               | 41.8              | 68.5              | -9.7              | 69.2               | 351               | 0.126             | 0.0               | 1.0               | 28.5 | 32.7 | -35.0 | 47.9 | 313 | 0.717 | 0.0 | 1.0   | 0.119 | 0.0   | 1.0 | 28.3 | 32.3 | -35.2 | 47.9 | 312 | 0.717 | 0.0 | 1.0   |
| 352        | 314        | 313        | 0.733            | 0.0              | 1.0               | 42.2              | 69.3              | -9.1              | 69.9               | 352               | 0.14              | 0.0               | 1.0               | 28.6 | 33.5 | -34.6 | 48.2 | 314 | 0.733 | 0.0 | 1.0   | 0.132 | 0.0   | 1.0 | 28.5 | 33.1 | -34.8 | 48.1 | 313 | 0.733 | 0.0 | 1.0   |
| 353        | 315        | 314        | 0.75             | 0.0              | 1.0               | 42.7              | 70.0              | -8.4              | 70.5               | 353               | 0.154             | 0.0               | 1.0               | 28.7 | 34.3 | -34.2 | 48.5 | 315 | 0.75  | 0.0 | 1.0   | 0.145 | 0.0   | 1.0 | 28.6 | 33.8 | -34.5 | 48.4 | 314 | 0.75  | 0.0 | 1.0   |
| 353        | 316        | 315        | 0.766            | 0.0              | 1.0               | 43.1              | 70.5              | -8.0              | 71.0               | 353               | 0.167             | 0.0               | 1.0               | 28.7 | 35.1 | -33.8 | 48.8 | 316 | 0.767 | 0.0 | 1.0   | 0.158 | 0.0   | 1.0 | 28.7 | 34.6 | -34.1 | 48.6 | 315 | 0.767 | 0.0 | 1.0   |
| 353        | 317        | 316        | 0.783            | 0.0              | 1.0               | 43.4              | 71.0              | -7.5              | 71.4               | 353               | 0.181             | 0.0               | 1.0               | 28.8 | 35.9 | -33.4 | 49.1 | 317 | 0.783 | 0.0 | 1.0   | 0.171 | 0.0   | 1.0 | 28.8 | 35.4 | -33.7 | 48.9 | 316 | 0.783 | 0.0 | 1.0   |
| 354        | 318        | 317        | 0.8              | 0.0              | 1.0               | 43.8              | 71.5              | -7.1              | 71.9               | 354               | 0.195             | 0.0               | 1.0               | 28.9 | 36.7 | -33.0 | 49.4 | 318 | 0.8   | 0.0 | 1.0   | 0.184 | 0.0   | 1.0 | 28.9 | 36.1 | -33.3 | 49.2 | 317 | 0.8   | 0.0 | 1.0   |
| 354        | 319        | 318        | 0.816            | 0.0              | 1.0               | 44.1              | 72.1              | -6.7              | 72.4               | 354               | 0.209             | 0.0               | 1.0               | 29.0 | 37.5 | -32.5 | 49.7 | 319 | 0.817 | 0.0 | 1.0   | 0.197 | 0.0   | 1.0 | 28.9 | 36.9 | -32.9 | 49.5 | 318 | 0.817 | 0.0 | 1.0   |
| 355        | 320        | 319        | 0.833            | 0.0              | 1.0               | 44.5              | 72.6              | -6.2              | 72.8               | 355               | 0.222             | 0.0               | 1.0               | 29.1 | 38.3 | -32.1 | 50.0 | 320 | 0.833 | 0.0 | 1.0   | 0.21  | 0.0   | 1.0 | 29.0 | 37.6 | -32.5 | 49.8 | 319 | 0.833 | 0.0 | 1.0   |
| 355        | 321        | 320        | 0.85             | 0.0              | 1.0               | 44.9              | 73.1              | -5.8              | 73.3               | 355               | 0.236             | 0.0               | 1.0               | 29.2 | 39.1 | -31.6 | 50.3 | 321 | 0.85  | 0.0 | 1.0   | 0.223 | 0.0   | 1.0 | 29.1 | 38.4 | -32.0 | 50.0 | 320 | 0.85  | 0.0 | 1.0   |
| 355        | 322        | 321        | 0.866            | 0.0              | 1.0               | 45.2              | 73.6              | -5.3              | 73.8               | 355               | 0.25              | 0.0               | 1.0               | 29.3 | 39.9 | -31.1 | 50.6 | 322 | 0.867 | 0.0 | 1.0   | 0.236 | 0.0   | 1.0 | 29.2 | 39.1 | -31.6 | 50.3 | 321 | 0.867 | 0.0 | 1.0   |
| 356        | 323        | 321        | 0.883            | 0.0              | 1.0               | 45.5              | 74.1              | -4.8              | 74.3               | 356               | 0.26              | 0.0               | 1.0               | 29.6 | 40.8 | -30.6 | 51.1 | 323 | 0.883 | 0.0 | 1.0   | 0.25  | 0.0   | 1.0 | 29.3 | 39.9 | -31.1 | 50.6 | 321 | 0.883 | 0.0 | 1.0   |
| 356        | 324        | 322        | 0.9              | 0.0              | 1.0               | 45.7              | 74.8              | -4.2              | 74.9               | 356               | 0.271             | 0.0               | 1.0               | 30.0 | 41.7 | -30.2 | 51.5 | 324 | 0.9   | 0.0 | 1.0   | 0.26  | 0.0   | 1.0 | 29.6 | 40.7 | -30.7 | 51.0 | 322 | 0.9   | 0.0 | 1.0   |
| 357        | 325        | 323        | 0.916            | 0.0              | 1.0               | 46.0              | 75.4              | -3.6              | 75.4               | 357               | 0.281             | 0.0               | 1.0               | 30.3 | 42.6 | -29.7 | 52.0 | 325 | 0.917 | 0.0 | 1.0   | 0.27  | 0.0   | 1.0 | 29.9 | 41.6 | -30.2 | 51.5 | 323 | 0.917 | 0.0 | 1.0   |
| 357        | 326        | 324        | 0.933            | 0.0              | 1.0               | 46.2              | 76.0              | -3.1              | 76.0               | 357               | 0.292             | 0.0               | 1.0               | 30.6 | 43.5 | -29.2 | 52.4 | 326 | 0.933 | 0.0 | 1.0   | 0.28  | 0.0   | 1.0 | 30.2 | 42.4 | -29.8 | 51.9 | 324 | 0.933 | 0.0 | 1.0   |
| 358        | 327        | 325        | 0.95             | 0.0              | 1.0               | 46.5              | 76.5              | -2.5              | 76.6               | 358               | 0.303             | 0.0               | 1.0               | 31.0 | 44.3 | -28.7 | 52.9 | 327 | 0.95  | 0.0 | 1.0   | 0.29  | 0.0   | 1.0 | 30.6 | 43.2 | -29.3 | 52.3 | 325 | 0.95  | 0.0 | 1.0   |
| 358        | 328        | 326        | 0.966            | 0.0              | 1.0               | 46.7              | 77.1              | -1.8              | 77.2               | 358               | 0.313             | 0.0               | 1.0               | 31.3 | 45.2 | -28.2 | 53.3 | 328 | 0.967 | 0.0 | 1.0   | 0.299 | 0.0   | 1.0 | 30.9 | 44.1 | -28.8 | 52.7 | 326 | 0.967 | 0.0 | 1.0   |
| 359        | 329        | 327        | 0.983            | 0.0              | 1.0               | 46.9              | 77.7              | -1.2              | 77.7               | 359               | 0.324             | 0.0               | 1.0               | 31.7 | 46.1 | -27.6 | 53.8 | 329 | 0.983 | 0.0 | 1.0   | 0.309 | 0.0   | 1.0 | 31.2 | 44.9 | -28.3 | 53.2 | 327 | 0.983 | 0.0 | 1.0   |
| 359        | 330        | 328        | 1.0              | 0.0              | 1.0               | 47.2              | 78.3              | -0.6              | 78.3               | 359               | 0.334             | 0.0               | 1.0               | 32.0 | 47.0 | -27.0 | 54.2 | 330 | 1.0   | 0.0 | 1.0   | 0.319 | 0.0   | 1.0 | 31.5 | 45.7 | -27.8 | 53.6 | 328 | 1.0   | 0.0 | 1.0   |
| 359        | 331        | 329        | 1.0              | 0.0              | 0.983             | 47.1              | 78.2              | 0.0               | 78.2               | 359               | 0.345             | 0.0               | 1.0               | 32.3 | 47.8 | -26.4 | 54.7 | 331 | 1.0   | 0.0 | 0.983 | 0.329 | 0.0   | 1.0 | 31.9 | 46.6 | -27.3 | 54.0 | 329 | 1.0   | 0.0 | 0.983 |
| 360        | 332        | 330        | 1.0              | 0.0              | 0.966             | 47.1              | 78.1              | 0.4               | 78.1               | 360               | 0.355             | 0.0               | 1.0               | 32.7 | 48.7 | -25.8 | 55.1 | 332 | 1.0   | 0.0 | 0.967 | 0.339 | 0.0   | 1.0 | 32.2 | 47.4 | -26.7 | 54.5 | 330 | 1.0   | 0.0 | 0.967 |
| 360        | 333        | 331        | 1.0              | 0.0              | 0.95              | 47.1              | 77.9              | 1.0               | 78.0               | 360               | 0.366             | 0.0               | 1.0               | 33.0 | 49.5 | -25.1 | 55.6 | 333 | 1.0   | 0.0 | 0.95  | 0.349 | 0.0   | 1.0 | 32.5 | 48.2 | -26.1 | 54.9 | 331 | 1.0   | 0.0 | 0.95  |
| 361        | 334        | 332        | 1.0              | 0.0              | 0.933             | 47.1              | 77.8              | 1.5               | 77.8               | 361               | 0.377             | 0.0               | 1.0               | 33.4 | 50.4 | -24.5 | 56.0 | 334 | 1.0   | 0.0 | 0.933 | 0.359 | 0.0   | 1.0 | 32.8 | 49.0 | -25.5 | 55.3 | 332 | 1.0   | 0.0 | 0.933 |
| 361        | 335        | 333        | 1.0              | 0.0              | 0.916             | 47.1              | 77.7              | 2.1               | 77.7               | 361               | 0.396             | 0.0               | 1.0               | 33.9 | 51.3 | -23.8 | 56.6 | 335 | 1.0   | 0.0 | 0.917 | 0.369 | 0.0   | 1.0 | 33.1 | 49.8 | -24.9 | 55.7 | 333 | 1.0   | 0.0 | 0.917 |
| 361        | 336        | 334        | 1.0              | 0.0              | 0.9               | 47.1              | 77.6              | 2.7               | 77.6               | 361               | 0.414             | 0.0               | 1.0               | 34.4 | 52.3 | -23.2 | 57.2 | 336 | 1.0   | 0.0 | 0.9   | 0.383 | 0.0   | 1.0 | 33.5 | 50.7 | -24.3 | 56.2 | 334 | 1.0   | 0.0 | 0.9   |
| 362        | 337        | 335        | 1.0              | 0.0              | 0.883             | 47.1              | 77.4              | 3.2               | 77.5               | 362               | 0.433             | 0.0               | 1.0               | 34.9 | 53.2 | -22.5 | 57.8 | 337 | 1.0   | 0.0 | 0.883 | 0.4   | 0.0   | 1.0 | 34.0 | 51.6 | -23.7 | 56.8 | 335 | 1.0   | 0.0 | 0.883 |
| 362        | 338        | 336        | 1.0              | 0.0              | 0.866             | 47.0              | 77.3              | 3.8               | 77.4               | 362               | 0.451             | 0.0               | 1.0               | 35.4 | 54.2 | -21.8 | 58.4 | 338 | 1.0   | 0.0 | 0.867 | 0.418 | 0.0   | 1.0 | 34.5 | 52.5 | -23.0 | 57.3 | 336 | 1.0   | 0.0 | 0.867 |
| 363        | 339        | 337        | 1.0              | 0.0              | 0.85              | 47.0              | 77.2              | 4.4               | 77.3               | 363               | 0.47              | 0.0               | 1.0               | 35.9 | 55.1 | -21.0 | 59.0 | 339 | 1.0   | 0.0 | 0.85  | 0.435 | 0.0   | 1.0 | 35.0 | 53.3 | -22.4 | 57.9 | 337 | 1.0   | 0.0 | 0.85  |
| 363        | 340        | 338        | 1.0              | 0.0              | 0.833             | 47.0              | 77.0              | 4.9               | 77.2               | 363               | 0.488             | 0.0               | 1.0               | 36.5 | 56.0 | -20.3 | 59.6 | 340 | 1.0   | 0.0 | 0.833 | 0.453 | 0.0   |     |      |      |       |      |     |       |     |       |



see similar files: <http://130.149.60.45/~farbmeterik/SE18/SE18.HTM>  
technical information: <http://www.ps.bam.de> or <http://130.149.60.45/~farbmeterik>

Data of Maximum color M in colorimetric system Offset standard print; separation cmy0\*, D65 for input or output; Six hue angles of the 60 degree standard colours *RYGBM*:  $h_{ab,ds} = 30.0, 90.0, 150.0, 210.0, 270.0, 330.0$ ;

Six hue angles of the device colours  $RYGCBM_d$ :  $h_{ab,d} = 32.6, 94.4, 157.0, 233.3, 303.9, 359.5$ ; Six hue angles of the elementary colours  $RYGCBM_e$ :  $h_{ab,e} = 25.5, 92.3, 162.2, 217.0, 271.7, 328.6$

|     | $\text{rgb}^*\text{*}_{\text{d}}$ | $\text{hab}_s$ | $\text{hab}_e$ | $\text{rgb}^*\text{*}_{\text{dd}}$ | $\text{dex361M}$ | $\text{LAB}^*\text{*}_{\text{dsx361MI}} (\text{x=LabCh})$ |      |      |      |     |       |     | $\text{rgb}^*\text{*}_{\text{ds}}$ | $\text{361Mi}$ | $\text{LAB}^*\text{*}_{\text{dsx361MI}} (\text{x=LabCh})$ |       |      |     |     |     |       | $\text{rgb}^*\text{*}_{\text{dd}}$ | $\text{361Mi}$ | $\text{rgb}^*\text{*}_{\text{de}}$ | $\text{361Mi}$ | $\text{LAB}^*\text{*}_{\text{dex361MI}} (\text{x=LabCh})$ |       |      |     |     |     |       | $\text{rgb}^*\text{*}_{\text{dd}}$ | $\text{361Mi}$ | $\text{rgb}^*\text{*}_{\text{ds}}$ | $\text{361Mi}$ | $\text{rgb}^*\text{*}_{\text{de}}$ | $\text{361Mi}$ |
|-----|-----------------------------------|----------------|----------------|------------------------------------|------------------|-----------------------------------------------------------|------|------|------|-----|-------|-----|------------------------------------|----------------|-----------------------------------------------------------|-------|------|-----|-----|-----|-------|------------------------------------|----------------|------------------------------------|----------------|-----------------------------------------------------------|-------|------|-----|-----|-----|-------|------------------------------------|----------------|------------------------------------|----------------|------------------------------------|----------------|
| 365 | 345                               | 342            | 1.0            | 0.0                                | 0.75             | 46.9                                                      | 76.3 | 7.8  | 76.7 | 365 | 0.569 | 0.0 | 1.0                                | 38.1           | 61.0                                                      | -16.3 | 63.2 | 345 | 1.0 | 0.0 | 0.75  | 0.535                              | 0.0            | 1.0                                | 37.5           | 58.8                                                      | -18.1 | 61.6 | 342 | 1.0 | 0.0 | 0.75  |                                    |                |                                    |                |                                    |                |
| 366 | 346                               | 343            | 1.0            | 0.0                                | 0.733            | 46.9                                                      | 76.2 | 8.5  | 76.7 | 366 | 0.585 | 0.0 | 1.0                                | 38.4           | 62.0                                                      | -15.4 | 63.9 | 346 | 1.0 | 0.0 | 0.733 | 0.55                               | 0.0            | 1.0                                | 37.7           | 59.8                                                      | -17.3 | 62.3 | 343 | 1.0 | 0.0 | 0.733 |                                    |                |                                    |                |                                    |                |
| 366 | 347                               | 344            | 1.0            | 0.0                                | 0.716            | 46.9                                                      | 76.0 | 9.3  | 76.6 | 366 | 0.601 | 0.0 | 1.0                                | 38.7           | 63.0                                                      | -14.4 | 64.7 | 347 | 1.0 | 0.0 | 0.717 | 0.565                              | 0.0            | 1.0                                | 38.0           | 60.8                                                      | -16.5 | 63.0 | 344 | 1.0 | 0.0 | 0.717 |                                    |                |                                    |                |                                    |                |
| 367 | 348                               | 345            | 1.0            | 0.0                                | 0.7              | 46.9                                                      | 75.9 | 10.0 | 76.5 | 367 | 0.617 | 0.0 | 1.0                                | 39.0           | 64.0                                                      | -13.5 | 65.4 | 348 | 1.0 | 0.0 | 0.7   | 0.58                               | 0.0            | 1.0                                | 38.3           | 61.7                                                      | -15.7 | 63.7 | 345 | 1.0 | 0.0 | 0.7   |                                    |                |                                    |                |                                    |                |
| 368 | 349                               | 346            | 1.0            | 0.0                                | 0.683            | 46.9                                                      | 75.7 | 10.7 | 76.5 | 368 | 0.639 | 0.0 | 1.0                                | 39.6           | 65.1                                                      | -12.6 | 66.3 | 349 | 1.0 | 0.0 | 0.683 | 0.595                              | 0.0            | 1.0                                | 38.6           | 62.6                                                      | -14.8 | 64.4 | 346 | 1.0 | 0.0 | 0.683 |                                    |                |                                    |                |                                    |                |
| 368 | 350                               | 347            | 1.0            | 0.0                                | 0.666            | 46.9                                                      | 75.5 | 11.4 | 76.4 | 368 | 0.666 | 0.0 | 1.0                                | 40.3           | 66.3                                                      | -11.6 | 67.3 | 350 | 1.0 | 0.0 | 0.667 | 0.61                               | 0.0            | 1.0                                | 38.9           | 63.6                                                      | -13.9 | 65.1 | 347 | 1.0 | 0.0 | 0.667 |                                    |                |                                    |                |                                    |                |
| 369 | 351                               | 348            | 1.0            | 0.0                                | 0.65             | 46.9                                                      | 75.3 | 12.1 | 76.3 | 369 | 0.692 | 0.0 | 1.0                                | 41.1           | 67.5                                                      | -10.6 | 68.4 | 351 | 1.0 | 0.0 | 0.65  | 0.625                              | 0.0            | 1.0                                | 39.2           | 64.5                                                      | -13.0 | 65.8 | 348 | 1.0 | 0.0 | 0.65  |                                    |                |                                    |                |                                    |                |
| 369 | 352                               | 349            | 1.0            | 0.0                                | 0.633            | 46.9                                                      | 75.2 | 12.9 | 76.3 | 369 | 0.719 | 0.0 | 1.0                                | 41.9           | 68.7                                                      | -9.6  | 69.4 | 352 | 1.0 | 0.0 | 0.633 | 0.651                              | 0.0            | 1.0                                | 39.9           | 65.6                                                      | -12.1 | 66.8 | 349 | 1.0 | 0.0 | 0.633 |                                    |                |                                    |                |                                    |                |
| 370 | 353                               | 350            | 1.0            | 0.0                                | 0.616            | 46.9                                                      | 75.0 | 13.6 | 76.2 | 370 | 0.746 | 0.0 | 1.0                                | 42.7           | 69.9                                                      | -8.5  | 70.4 | 353 | 1.0 | 0.0 | 0.617 | 0.677                              | 0.0            | 1.0                                | 40.7           | 66.8                                                      | -11.2 | 67.7 | 350 | 1.0 | 0.0 | 0.617 |                                    |                |                                    |                |                                    |                |
| 370 | 354                               | 351            | 1.0            | 0.0                                | 0.6              | 46.9                                                      | 74.9 | 14.4 | 76.3 | 370 | 0.787 | 0.0 | 1.0                                | 43.6           | 71.2                                                      | -7.4  | 71.6 | 354 | 1.0 | 0.0 | 0.6   | 0.702                              | 0.0            | 1.0                                | 41.4           | 67.9                                                      | -10.2 | 68.7 | 351 | 1.0 | 0.0 | 0.6   |                                    |                |                                    |                |                                    |                |
| 371 | 355                               | 352            | 1.0            | 0.0                                | 0.583            | 46.8                                                      | 74.7 | 15.1 | 76.3 | 371 | 0.83  | 0.0 | 1.0                                | 44.5           | 72.5                                                      | -6.2  | 72.8 | 355 | 1.0 | 0.0 | 0.583 | 0.728                              | 0.0            | 1.0                                | 42.1           | 69.1                                                      | -9.2  | 69.7 | 352 | 1.0 | 0.0 | 0.583 |                                    |                |                                    |                |                                    |                |
| 372 | 356                               | 353            | 1.0            | 0.0                                | 0.566            | 46.8                                                      | 74.6 | 15.9 | 76.3 | 372 | 0.874 | 0.0 | 1.0                                | 45.4           | 73.8                                                      | -5.1  | 74.0 | 356 | 1.0 | 0.0 | 0.567 | 0.755                              | 0.0            | 1.0                                | 42.9           | 70.2                                                      | -8.2  | 70.7 | 353 | 1.0 | 0.0 | 0.567 |                                    |                |                                    |                |                                    |                |
| 372 | 357                               | 354            |                |                                    |                  |                                                           |      |      |      |     |       |     |                                    |                |                                                           |       |      |     |     |     |       |                                    |                |                                    |                |                                                           |       |      |     |     |     |       |                                    |                |                                    |                |                                    |                |

TUB registration: 20130201-SE18/SE18L0NA.TXT /.PS  
 application for measurement of offset print output, separations

TUB material: code=rh4ta

Output: Offset standard print; separation cmy0\*, D65, page 17/33

TUB-test chart SE18; 1080 colours, offset standard paper  
48 step hue circles: *rgb-LabCh\** tables, 3D=0, de=1, *cmv*

input:  $rgb/cmyk \rightarrow rgb_e$   
output: transfer to  $cmy0_o$

http://130.149.60.45/~farbmetrik/SE18/SE18L0NA.TXT /.PS; transfer output  
N: no 3D-linearization (OL) in file (F) or PS-startup (S), page 18/33

SE1801A

TUB registration: 20130201-SE18/SE18L0NA.TXT /.PS  
application for measurement of offset print output, separationcnmy0 (CMY0)

TUB material: code=rha4ta

| n/j    | HIC*Fe        | rgb_Fe            | ict_Fe          | hsi_Fe | rgb*Fe            | LabCh*Fe         | rgb*Fe     | LabCh*Fe          | DE**Fe           | hsi_Me          | rgb*Me | LabCh*Me          |
|--------|---------------|-------------------|-----------------|--------|-------------------|------------------|------------|-------------------|------------------|-----------------|--------|-------------------|
| 0/648  | R00Y_100_100e | 1.0 0.0 0.0       | 1.0 1.0 0.5     | 390    | 1.0 0.0 0.219     | 46.6 71.5 34.1   | 79.2 25.4  | 1.0 0.0 0.0       | 46.4 70.3 44.9   | 83.4 32.5 10.9  | 377    | 46.6 71.5 34.1    |
| 1/657  | R13Y_100_100e | 1.0 0.125 0.0     | 1.0 1.0 0.5     | 37     | 1.0 0.015 0.0     | 46.8 69.2 45.4   | 82.8 33.2  | 1.0 0.125 0.0     | 49.9 62.1 48.7   | 79.0 38.1 8.4   | 30     | 46.8 69.2 45.4    |
| 2/666  | R25Y_100_100e | 1.0 0.25 0.0      | 1.0 1.0 0.5     | 44     | 1.0 0.168 0.0     | 51.6 58.4 50.9   | 77.5 41.0  | 1.0 0.25 0.0      | 54.8 51.4 54.3   | 74.8 46.5 8.4   | 39     | 51.6 58.4 50.9    |
| 3/675  | R38Y_100_100e | 1.0 0.375 0.0     | 1.0 1.0 0.5     | 52     | 1.0 0.291 0.0     | 56.7 47.5 56.6   | 73.9 49.9  | 1.0 0.375 0.0     | 60.5 39.6 60.5   | 72.3 56.7 9.6   | 46     | 56.7 47.5 56.6    |
| 4/684  | R50Y_100_100e | 1.0 0.5 0.0       | 1.0 1.0 0.5     | 60     | 1.0 0.401 0.0     | 61.7 37.4 61.9   | 72.4 58.8  | 1.0 0.5 0.0       | 66.4 28.5 66.7   | 72.5 66.8 11.0  | 53     | 61.7 37.4 61.9    |
| 5/693  | R63Y_100_100e | 1.0 0.625 0.0     | 1.0 1.0 0.5     | 68     | 1.0 0.51 0.0      | 67.0 27.5 67.4   | 72.8 67.8  | 1.0 0.625 0.0     | 73.5 15.9 74.3   | 76.0 77.9 15.0  | 60     | 67.0 27.5 67.4    |
| 6/702  | R75Y_100_100e | 1.0 0.75 0.0      | 1.0 1.0 0.5     | 76     | 1.0 0.611 0.0     | 72.7 17.3 73.6   | 75.6 76.7  | 1.0 0.75 0.0      | 79.1 6.8 80.2    | 80.5 85.1 14.0  | 67     | 72.7 17.3 73.6    |
| 7/711  | R88Y_100_100e | 1.0 0.875 0.0     | 1.0 1.0 0.5     | 83     | 1.0 0.738 0.0     | 78.6 7.6 79.7    | 80.1 84.5  | 1.0 0.875 0.0     | 84.1 -0.9 85.5   | 85.5 90.6 11.7  | 75     | 78.6 7.6 79.7     |
| 8/720  | Y00G_100_100e | 1.0 1.0 0.0       | 1.0 1.0 0.5     | 90     | 1.0 0.93 0.0      | 85.8 -3.5 87.4   | 87.5 92.3  | 1.0 1.0 0.0       | 88.0 -6.8 89.7   | 90.0 94.3 4.6   | 86     | 85.8 -3.5 87.4    |
| 9/639  | Y13G_100_100e | 0.875 1.0 0.0     | 1.0 1.0 0.5     | 97     | 0.745 1.0 0.0     | 80.3 -14.3 77.4  | 78.7 100.4 | 0.875 1.0 0.0     | 84.5 -10.3 82.8  | 83.5 97.1 7.9   | 104    | 80.3 -14.3 77.4   |
| 10/558 | Y25G_100_100e | 0.75 1.0 0.0      | 1.0 1.0 0.5     | 104    | 0.58 1.0 0.0      | 74.0 -23.2 68.9  | 72.7 108.6 | 0.75 1.0 0.0      | 80.5 -14.0 77.6  | 78.9 100.2 14.2 | 114    | 74.0 -23.2 68.9   |
| 11/477 | Y38G_100_100e | 0.625 1.0 0.0     | 1.0 1.0 0.5     | 112    | 0.43 1.0 0.0      | 67.7 -30.8 58.1  | 65.8 117.9 | 0.625 1.0 0.0     | 75.9 -20.8 72.5  | 75.5 106.0 19.3 | 124    | 67.7 -30.8 58.1   |
| 12/396 | Y50G_100_100e | 0.5 1.0 0.0       | 1.0 1.0 0.5     | 120    | 0.325 1.0 0.0     | 62.6 -38.9 51.2  | 64.3 127.2 | 0.5 1.0 0.0       | 70.6 -26.9 62.2  | 67.8 113.3 18.2 | 131    | 62.6 -38.9 51.2   |
| 13/315 | Y63G_100_100e | 0.375 1.0 0.0     | 1.0 1.0 0.5     | 128    | 0.241 1.0 0.0     | 58.1 -46.8 44.3  | 64.5 136.5 | 0.375 1.0 0.0     | 65.4 -33.6 54.7  | 64.2 121.5 18.3 | 136    | 58.1 -46.8 44.3   |
| 14/234 | Y75G_100_100e | 0.25 1.0 0.0      | 1.0 1.0 0.5     | 136    | 0.132 1.0 0.0     | 54.4 -53.3 36.0  | 64.3 145.9 | 0.25 1.0 0.0      | 58.4 -46.3 44.9  | 64.5 135.8 11.9 | 142    | 54.4 -53.3 36.0   |
| 15/153 | Y88G_100_100e | 0.125 1.0 0.0     | 1.0 1.0 0.5     | 143    | 0.035 1.0 0.0     | 50.9 -61.9 30.1  | 68.9 154.0 | 0.125 1.0 0.0     | 54.2 -53.6 35.4  | 64.3 146.5 10.3 | 148    | 50.9 -61.9 30.1   |
| 16/72  | G00C_100_100e | 0.0 1.0 0.0       | 1.0 1.0 0.5     | 150    | 0.0 1.0 0.112     | 50.3 -62.6 20.1  | 65.8 162.2 | 0.0 1.0 0.0       | 49.6 -65.0 27.6  | 70.6 157.0 7.9  | 155    | 0.0 1.0 0.112     |
| 17/73  | G13C_100_100e | 0.0 1.0 0.125     | 1.0 1.0 0.5     | 157    | 0.0 1.0 0.218     | 50.9 -59.6 12.0  | 60.8 168.6 | 0.0 1.0 0.125     | 50.4 -62.3 19.2  | 65.2 162.8 7.8  | 161    | 0.0 1.0 0.218     |
| 18/74  | G25C_100_100e | 0.0 1.0 0.25      | 1.0 1.0 0.5     | 164    | 0.0 1.0 0.304     | 51.5 -56.6 4.9   | 56.8 175.0 | 0.0 1.0 0.25      | 51.1 -58.4 9.7   | 59.2 170.5 5.1  | 167    | 0.0 1.0 0.304     |
| 19/75  | G38C_100_100e | 0.0 1.0 0.375     | 1.0 1.0 0.5     | 172    | 0.0 1.0 0.391     | 52.1 -53.1 -2.1  | 53.1 182.3 | 0.0 1.0 0.375     | 52.0 -53.7 -0.7  | 53.7 180.7 1.5  | 172    | 0.0 1.0 0.391     |
| 20/76  | G50C_100_100e | 0.0 1.0 0.5       | 1.0 1.0 0.5     | 180    | 0.0 1.0 0.468     | 52.7 -49.8 -8.4  | 50.5 189.6 | 0.0 1.0 0.5       | 53.0 -48.2 -10.8 | 49.4 192.6 2.8  | 177    | 0.0 1.0 0.468     |
| 21/77  | G63C_100_100e | 0.0 1.0 0.625     | 1.0 1.0 0.5     | 188    | 0.0 1.0 0.544     | 53.4 -46.6 -14.1 | 48.7 196.9 | 0.0 1.0 0.625     | 54.2 -43.2 -19.8 | 47.5 204.6 6.6  | 182    | 0.0 1.0 0.544     |
| 22/78  | G75C_100_100e | 0.0 1.0 0.75      | 1.0 1.0 0.5     | 196    | 0.0 1.0 0.62      | 54.1 -43.4 -19.5 | 47.6 204.2 | 0.0 1.0 0.75      | 55.3 -38.3 -27.5 | 47.2 215.7 9.5  | 187    | 0.0 1.0 0.62      |
| 23/79  | G88C_100_100e | 0.0 1.0 0.875     | 1.0 1.0 0.5     | 203    | 0.0 1.0 0.692     | 54.8 -40.7 -24.1 | 47.3 210.5 | 0.0 1.0 0.875     | 56.1 -34.1 -33.9 | 48.1 224.8 11.9 | 192    | 0.0 1.0 0.692     |
| 24/80  | C00B_100_100e | 0.0 1.0 1.0       | 1.0 1.0 0.5     | 210    | 0.0 1.0 0.767     | 55.4 -37.8 -28.4 | 47.3 216.9 | 0.0 1.0 1.0       | 57.0 -29.7 -39.8 | 49.7 233.2 14.0 | 197    | 0.0 1.0 0.767     |
| 25/71  | C13B_100_100e | 0.0 0.875 1.0     | 1.0 1.0 0.5     | 217    | 0.0 1.0 0.854     | 56.0 -34.8 -32.9 | 47.9 223.3 | 0.0 0.875 1.0     | 54.2 -25.1 -39.8 | 47.1 237.7 12.0 | 202    | 0.0 1.0 0.854     |
| 26/62  | C25B_100_100e | 0.0 0.75 1.0      | 1.0 1.0 0.5     | 224    | 0.0 1.0 0.947     | 56.6 -31.7 -37.4 | 49.0 229.7 | 0.0 0.75 1.0      | 50.9 -19.7 -39.7 | 44.3 243.5 13.4 | 207    | 0.0 1.0 0.947     |
| 27/53  | C38B_100_100e | 0.0 0.625 1.0     | 1.0 1.0 0.5     | 232    | 0.0 0.894 1.0     | 54.7 -25.8 -39.9 | 47.5 237.0 | 0.0 0.625 1.0     | 47.6 -14.3 -39.4 | 42.0 249.9 13.4 | 215    | 0.0 0.894 1.0     |
| 28/44  | C50B_100_100e | 0.0 0.5 1.0       | 1.0 1.0 0.5     | 240    | 0.0 0.734 1.0     | 50.5 -19.0 -39.7 | 44.0 244.3 | 0.0 0.5 1.0       | 43.1 -6.3 -39.3  | 39.8 260.8 14.7 | 224    | 0.0 0.734 1.0     |
| 29/35  | C63B_100_100e | 0.0 0.375 1.0     | 1.0 1.0 0.5     | 248    | 0.0 0.606 1.0     | 46.9 -13.1 -39.5 | 41.6 251.6 | 0.0 0.375 1.0     | 38.5 1.5 -38.8   | 38.9 272.2 16.9 | 233    | 0.0 0.606 1.0     |
| 30/26  | C75B_100_100e | 0.0 0.25 1.0      | 1.0 1.0 0.5     | 256    | 0.0 0.521 1.0     | 43.9 -7.7 -39.4  | 40.2 258.9 | 0.0 0.25 1.0      | 34.1 9.8 -38.8   | 40.0 284.2 20.1 | 238    | 0.0 0.521 1.0     |
| 31/17  | C88B_100_100e | 0.0 0.125 1.0     | 1.0 1.0 0.5     | 263    | 0.0 0.45 1.0      | 41.3 -3.2 -39.3  | 39.4 265.3 | 0.0 0.125 1.0     | 29.5 18.5 -38.8  | 43.0 295.4 24.7 | 243    | 0.0 0.45 1.0      |
| 32/8   | B00M_100_100e | 0.0 0.0 1.0       | 1.0 1.0 0.5     | 270    | 0.0 0.38 1.0      | 38.7 1.1 -38.9   | 38.9 271.7 | 0.0 0.0 1.0       | 25.8 26.0 -38.7  | 46.7 303.9 28.0 | 247    | 0.0 0.38 1.0      |
| 33/89  | B13M_100_100e | 0.125 0.0 1.0     | 1.0 1.0 0.5     | 277    | 0.0 0.311 1.0     | 36.2 5.7 -39.0   | 39.4 278.3 | 0.125 0.0 1.0     | 28.4 32.6 -35.0  | 47.9 312.9 28.2 | 252    | 0.0 0.311 1.0     |
| 34/170 | B25M_100_100e | 0.25 0.0 1.0      | 1.0 1.0 0.5     | 284    | 0.0 0.241 1.0     | 33.8 10.4 -38.8  | 40.2 285.0 | 0.25 0.0 1.0      | 29.2 39.8 -31.1  | 50.6 322.0 30.7 | 256    | 0.0 0.241 1.0     |
| 35/251 | B38M_100_100e | 0.375 0.0 1.0     | 1.0 1.0 0.5     | 292    | 0.0 0.157 1.0     | 30.7 16.2 -39.0  | 42.2 292.5 | 0.375 0.0 1.0     | 33.3 50.2 -24.6  | 55.9 333.8 37.0 | 261    | 0.0 0.157 1.0     |
| 36/332 | B50M_100_100e | 0.5 0.0 1.0       | 1.0 1.0 0.5     | 300    | 0.0 0.055 1.0     | 27.4 22.6 -38.9  | 45.1 300.1 | 0.5 0.0 1.0       | 36.7 56.5 -19.8  | 59.9 340.6 40.0 | 267    | 0.0 0.055 1.0     |
| 37/413 | B63M_100_100e | 0.625 0.0 1.0     | 1.0 1.0 0.5     | 308    | 0.053 0.0 1.0     | 26.9 28.9 -37.3  | 47.2 307.7 | 0.625 0.0 1.0     | 39.1 64.4 -13.1  | 65.7 348.4 44.7 | 272    | 0.053 0.0 1.0     |
| 38/494 | B75M_100_100e | 0.75 0.0 1.0      | 1.0 1.0 0.5     | 316    | 0.158 0.0 1.0     | 28.6 34.5 -34.1  | 48.6 315.3 | 0.75 0.0 1.0      | 42.7 70.0 -8.4   | 70.5 353.1 46.0 | 278    | 0.158 0.0 1.0     |
| 39/575 | B88M_100_100e | 0.875 0.0 1.0     | 1.0 1.0 0.5     | 323    | 0.249 0.0 1.0     | 29.2 39.8 -31.1  | 50.6 321.9 | 0.875 0.0 1.0     | 45.4 73.8 -5.1   | 74.0 356.0 45.7 | 283    | 0.249 0.0 1.0     |
| 40/656 | M00R_100_100e | 1.0 0.0 1.0       | 1.0 1.0 0.5     | 330    | 0.319 0.0 1.0     | 31.5 45.7 -27.9  | 53.5 328.6 | 1.0 0.0 1.0       | 47.2 78.3 -0.6   | 78.3 359.5 45.3 | 288    | 0.319 0.0 1.0     |
| 41/655 | M13R_100_100e | 1.0 0.0 0.875     | 1.0 1.0 0.5     | 337    | 0.4 0.0 1.0       | 34.0 51.5 -23.7  | 56.7 335.2 | 1.0 0.0 0.875     | 47.0 77.4 3.5    | 77.4 362.6 39.8 | 293    | 0.4 0.0 1.0       |
| 42/654 | M25R_100_100e | 1.0 0.0 0.75      | 1.0 1.0 0.5     | 344    | 0.519 0.0 1.0     | 37.1 57.8 -18.9  | 60.8 341.8 | 1.0 0.0 0.75      | 46.9 76.3 7.8    | 76.7 365.8 34.0 | 301    | 0.519 0.0 1.0     |
| 43/653 | M38R_100_100e | 1.0 0.0 0.625     | 1.0 1.0 0.5     | 352    | 0.619 0.0 1.0     | 39.9 65.6 -12.2  | 66.7 349.4 | 1.0 0.0 0.625     | 46.9 75.1 13.2   | 76.2 370.0 28.0 | 309    | 0.619 0.0 1.0     |
| 44/652 | M50R_100_100e | 1.0 0.0 0.5       | 1.0 1.0 0.5     | 360    | 0.721 0.0 1.0     | 41.9 68.7 -9.5   | 69.4 352.0 | 1.0 0.0 0.5       | 46.7 74.0 19.0   | 76.4 374.4 29.4 | 314    | 0.721 0.0 1.0     |
| 45/651 | M63R_100_100e | 1.0 0.0 0.375     | 1.0 1.0 0.5     | 368    | 1.0 0.0 0.941     | 47.1 77.9 1.3    | 77.9 0.9   | 1.0 0.0 0.375     | 46.9 72.4 25.6   | 76.8 379.4 24.9 | 332    | 1.0 0.0 0.941     |
| 46/650 | M75R_100_100e | 1.0 0.0 0.25      | 1.0 1.0 0.5     | 376    | 1.0 0.0 0.628     | 46.9 75.1 13.0   | 76.2 9.8   | 1.0 0.0 0.25      | 46.6 71.6 32.5   | 78.7 384.4 19.7 | 351    | 1.0 0.0 0.628     |
| 47/649 | M88R_100_100e | 1.0 0.0 0.125     | 1.0 1.0 0.5     | 383    | 1.0 0.0 0.419     | 46.8 73.0 23.2   | 76.7 17.6  | 1.0 0.0 0.125     | 46.5 70.9 38.9   | 80.9 388.7 15.7 | 365    | 1.0 0.0 0.419     |
| 48/648 | R00Y_100_100e | 1.0 0.0 0.0       | 1.0 1.0 0.5     | 390    | 1.0 0.0 0.219     | 46.6 71.5 34.1   | 79.2 25.4  | 1.0 0.0 0.0       | 46.4 70.3 44.9   | 83.4 392.5 10.9 | 377    | 46.6 71.5 34.1    |
| 49/0   | NW_000e       | 0.0 0.0 0.0       | 0.0 0.0 0.0     | 360    | 0.0 0.0 0.0       | 23.6 0.0 0.0     | 0.0 0.0    | 0.0 0.0 0.0       | 49.9 62.1 48.7   | 79.0 398.1 83.2 | 360    | 0.0 0.0 0.0       |
| 50/91  | NW_013e       | 0.125 0.125 0.125 | 0.125 0.0 0.125 | 360    | 0.125 0.125 0.125 | 32.7 0.0 0.0     | 0.0 0.0    | 0.125 0.125 0.125 | 23.6 0.0 0.0     | 0.0 9.1 360     | 0.0    | 0.125 0.125 0.125 |
| 51/182 | NW_025e       | 0.25 0.25 0.25    | 0.25 0.0 0.25   | 360    | 0.25 0.25 0.25    | 41.8 0.0 0.0     | 0.0 0.0    | 0.25 0.25 0.25    | 30.1 5.2 2.9     | 6.0 29.1 13.1   | 360    | 0.25 0.25 0.25    |
| 52/273 | NW_038e       | 0.375 0.375 0.375 | 0.375 0.0 0.375 | 360    | 0.375 0.375 0.375 | 50.9 0.0 0.0     | 0.0 0.0    | 0.375 0.375 0.375 | 36.9 6.3 5.2     | 8.2 39.4 16.1   | 360    | 0.375 0.375 0.375 |
| 53/364 | NW_050e       | 0.5 0.5 0.5       | 0.5 0.0 0.5     | 360    | 0.5 0.5 0.5       | 60.0 0.0 0.0     | 0.0 0.0    | 0.5 0.5 0.5       | 46.5 9.0 9.2     | 12.9 45.3 18.6  | 360    | 0.5 0.5 0.5       |
| 54/455 | NW_063e       | 0.625 0.625 0.625 | 0.625 0.0 0.625 | 360    | 0.625 0.625 0.625 | 69.1 0.0 0.0     | 0.0 0.0    | 0.625 0.625 0.625 | 56.1 7.9 7.5     | 10.9 43.3 17.0  | 360    | 0.625 0.625 0.625 |
| 55/546 | NW_075e       | 0.75 0.75 0.75    | 0.75 0.0 0.75   | 360    | 0.75 0.75 0.75    | 78.2 0.0 0.0     | 0.0 0.0    | 0.75 0.75 0.75    | 66.2 6.3 7.3     | 9.7 49.3 15.4   | 360    | 0.75 0.75 0.75    |
| 56/637 | NW_088e       | 0.875 0.875 0.875 | 0.875 0.0 0.875 | 360    | 0.875 0.875 0.875 | 87.3 0.0 0.0     | 0.0 0.0    | 0.875 0.875 0.875 | 77.0 4.8 4.7     | 6.7 44.2 12.3   | 360    | 0.875 0.875 0.875 |
| 57/728 | NW_100e       | 1.0 1.0 1.0       | 1.0 0.0 1.0     | 360    | 1.0 1.0 1.0       | 96.4 0.0 0.0     | 0.0 0.0    | 1.0 1.0 1.0       | 87.6 1.8 2.2     | 2.9 51.0 9.2    | 360    | 1.0 1.0 1.0       |

Mean color difference of this page: delta E\* = 19.3

TUB-test chart SE18; 1080 colours, offset standard paper  
colors and differences,  $\Delta E^*$ ,

http://130.149.60.45/~farbmetrik/SE18/SE18L0NA.TXT /.PS; transfer output

N: no 3D-linearization (OL) in file (F) or PS-startup (S), page 19/33

see similar files: <http://130.149.60.45/~farbmetrik/SE18/SE18L0NA.TXT> / .PS  
technical information: <http://www.ps.bam.de> or <http://130.149.60.45/~farbmetrik>

| n/j    | HIC*Fe        | rgb_Fe         | ict_Fe       | hsi_Fe | rgb*Fe          | LabCh*Fe         | rgb**Fe    | LabCh**Fe      | DE**Fe           | hsi_Me          | rgb*Me | LabCh*Me      |                  |            |
|--------|---------------|----------------|--------------|--------|-----------------|------------------|------------|----------------|------------------|-----------------|--------|---------------|------------------|------------|
| 0/648  | R00Y_100_100e | 1.0 0.0 0.0    | 1.0 1.0 0.5  | 390    | 1.0 0.0 0.219   | 46.6 71.5 34.1   | 79.2 25.4  | 1.0 0.0 0.0    | 46.4 70.3 44.9   | 83.4 32.5 10.9  | 377    | 1.0 0.0 0.219 | 46.6 71.5 34.1   | 79.2 25.4  |
| 1/666  | R25Y_100_100e | 1.0 0.25 0.0   | 1.0 1.0 0.5  | 44     | 1.0 0.168 0.0   | 51.6 58.4 50.9   | 77.5 41.0  | 1.0 0.25 0.0   | 54.8 51.4 54.3   | 74.8 46.5 8.4   | 39     | 1.0 0.168 0.0 | 51.6 58.4 50.9   | 77.5 41.0  |
| 2/684  | R50Y_100_100e | 1.0 0.5 0.0    | 1.0 1.0 0.5  | 60     | 1.0 0.401 0.0   | 61.7 37.4 61.9   | 72.4 58.8  | 1.0 0.5 0.0    | 66.4 28.5 66.7   | 72.5 66.8 11.0  | 53     | 1.0 0.401 0.0 | 61.7 37.4 61.9   | 72.4 58.8  |
| 3/702  | R75Y_100_100e | 1.0 0.75 0.0   | 1.0 1.0 0.5  | 76     | 1.0 0.611 0.0   | 72.7 17.3 73.6   | 75.6 76.7  | 1.0 0.75 0.0   | 79.1 6.8 80.2    | 80.5 85.1 14.0  | 67     | 1.0 0.611 0.0 | 72.7 17.3 73.6   | 75.6 76.7  |
| 4/720  | Y00G_100_100e | 1.0 1.0 0.0    | 1.0 1.0 0.5  | 90     | 1.0 0.93 0.0    | 85.8 -3.5 87.4   | 87.5 92.3  | 1.0 1.0 0.0    | 88.0 -6.8 89.7   | 90.0 94.3 4.6   | 86     | 1.0 0.93 0.0  | 85.8 -3.5 87.4   | 87.5 92.3  |
| 5/558  | Y25G_100_100e | 0.75 1.0 0.0   | 1.0 1.0 0.5  | 104    | 0.58 1.0 0.0    | 74.0 -23.2 68.9  | 72.7 108.6 | 0.75 1.0 0.0   | 80.5 -14.0 77.6  | 78.9 100.2 14.2 | 114    | 0.58 1.0 0.0  | 74.0 -23.2 68.9  | 72.7 108.6 |
| 6/396  | Y50G_100_100e | 0.5 1.0 0.0    | 1.0 1.0 0.5  | 120    | 0.325 1.0 0.0   | 62.6 -38.9 51.2  | 64.3 127.2 | 0.5 1.0 0.0    | 70.6 -26.9 62.2  | 67.8 113.3 18.2 | 131    | 0.325 1.0 0.0 | 62.6 -38.9 51.2  | 64.3 127.2 |
| 7/234  | Y75G_100_100e | 0.25 1.0 0.0   | 1.0 1.0 0.5  | 136    | 0.132 1.0 0.0   | 54.4 -53.3 36.0  | 64.3 145.9 | 0.25 1.0 0.0   | 58.4 -46.3 44.5  | 64.5 135.8 11.9 | 142    | 0.132 1.0 0.0 | 54.4 -53.3 36.0  | 64.3 145.9 |
| 8/72   | G00B_100_100e | 0.0 1.0 0.0    | 1.0 1.0 0.5  | 150    | 0.0 1.0 0.112   | 50.3 -62.6 20.1  | 65.8 162.2 | 0.0 1.0 0.0    | 49.6 -65.0 27.6  | 70.6 157.0 7.9  | 155    | 0.0 1.0 0.112 | 50.3 -62.6 20.1  | 65.8 162.2 |
| 9/72   | G00B_100_100e | 0.0 1.0 0.0    | 1.0 1.0 0.5  | 150    | 0.0 1.0 0.112   | 50.3 -62.6 20.1  | 65.8 162.2 | 0.0 1.0 0.0    | 49.6 -65.0 27.6  | 70.6 157.0 7.9  | 155    | 0.0 1.0 0.112 | 50.3 -62.6 20.1  | 65.8 162.2 |
| 10/76  | G25B_100_100e | 0.0 1.0 0.5    | 1.0 1.0 0.5  | 180    | 0.0 1.0 0.468   | 52.7 -49.8 -8.4  | 50.5 189.6 | 0.0 1.0 0.5    | 53.0 -48.2 -10.8 | 49.4 192.6 2.8  | 177    | 0.0 1.0 0.468 | 52.7 -49.8 -8.4  | 50.5 189.6 |
| 11/80  | G50B_100_100e | 0.0 1.0 1.0    | 1.0 1.0 0.5  | 210    | 0.0 1.0 0.767   | 55.4 -37.8 -28.4 | 47.3 216.9 | 0.0 1.0 1.0    | 57.0 -29.7 -39.8 | 49.7 233.2 14.0 | 197    | 0.0 1.0 0.767 | 55.4 -37.8 -28.4 | 47.3 216.9 |
| 12/44  | G75B_100_100e | 0.0 0.5 1.0    | 1.0 1.0 0.5  | 240    | 0.0 0.734 1.0   | 50.5 -19.0 -39.7 | 44.0 244.3 | 0.0 0.5 1.0    | 43.1 -6.3 -39.3  | 39.8 260.8 14.7 | 224    | 0.0 0.734 1.0 | 50.5 -19.0 -39.7 | 44.0 244.3 |
| 13/8   | B00M_100_100e | 0.0 0.0 1.0    | 1.0 1.0 0.5  | 270    | 0.0 0.38 1.0    | 38.7 1.1 -38.9   | 38.9 271.7 | 0.0 0.0 1.0    | 25.8 26.0 -38.7  | 46.7 303.9 28.0 | 247    | 0.0 0.38 1.0  | 38.7 1.1 -38.9   | 38.9 271.7 |
| 14/332 | B25R_100_100e | 0.5 0.0 1.0    | 1.0 1.0 0.5  | 300    | 0.0 0.055 1.0   | 27.4 22.6 -38.9  | 45.1 300.1 | 0.5 0.0 1.0    | 36.7 56.5 -19.8  | 59.9 340.6 40.0 | 267    | 0.0 0.055 1.0 | 27.4 22.6 -38.9  | 45.1 300.1 |
| 15/656 | B50R_100_100e | 1.0 0.0 1.0    | 1.0 1.0 0.5  | 330    | 0.319 0.0 1.0   | 31.5 45.7 -27.9  | 53.5 328.6 | 1.0 0.0 1.0    | 47.2 78.3 -0.6   | 78.3 359.5 45.3 | 288    | 0.319 0.0 1.0 | 31.5 45.7 -27.9  | 53.5 328.6 |
| 16/652 | B75R_100_100e | 1.0 0.0 0.5    | 1.0 1.0 0.5  | 360    | 0.721 0.0 1.0   | 41.9 68.7 -9.5   | 69.4 352.0 | 1.0 0.0 0.5    | 46.7 74.0 19.0   | 76.4 14.4 29.4  | 314    | 0.721 0.0 1.0 | 41.9 68.7 -9.5   | 69.4 352.0 |
| 17/648 | R00Y_100_100e | 1.0 0.0 0.0    | 1.0 1.0 0.5  | 390    | 1.0 0.0 0.219   | 46.6 71.5 34.1   | 79.2 25.4  | 1.0 0.0 0.0    | 46.4 70.3 44.9   | 83.4 32.5 10.9  | 377    | 1.0 0.0 0.219 | 46.6 71.5 34.1   | 79.2 25.4  |
| 18/688 | R00Y_100_050e | 1.0 0.5 0.5    | 1.0 0.5 0.75 | 390    | 1.0 0.5 0.609   | 71.5 35.7 17.0   | 39.6 25.4  | 1.0 0.5 0.5    | 69.5 29.5 25.7   | 39.2 41.0 10.8  | 377    | 1.0 0.0 0.219 | 46.6 71.5 34.1   | 79.2 25.4  |
| 19/706 | R50Y_100_050e | 1.0 0.75 0.5   | 1.0 0.5 0.75 | 60     | 1.0 0.7 0.5     | 79.1 18.7 30.9   | 36.2 58.8  | 1.0 0.75 0.5   | 81.8 9.9 31.4    | 32.9 72.4 9.2   | 53     | 1.0 0.401 0.0 | 61.7 37.4 61.9   | 72.4 58.8  |
| 20/724 | Y00G_100_050e | 1.0 1.0 0.5    | 1.0 0.5 0.75 | 90     | 1.0 0.965 0.5   | 91.1 -1.7 43.7   | 43.7 92.3  | 1.0 1.0 0.5    | 92.2 -5.1 37.4   | 37.8 97.7 7.1   | 86     | 1.0 0.93 0.0  | 85.8 -3.5 87.4   | 87.5 92.3  |
| 21/562 | Y50G_100_050e | 0.75 1.0 0.5   | 1.0 0.5 0.75 | 120    | 0.662 1.0 0.5   | 79.5 -19.4 25.6  | 32.1 127.2 | 0.75 1.0 0.5   | 84.5 -11.7 27.5  | 29.9 113.1 9.3  | 131    | 0.325 1.0 0.0 | 62.6 -38.9 51.2  | 64.3 127.2 |
| 22/400 | G00B_100_050e | 0.5 1.0 0.5    | 1.0 0.5 0.75 | 150    | 0.5 1.0 0.556   | 73.4 -31.3 10.0  | 32.9 162.2 | 0.5 1.0 0.5    | 74.3 -22.0 15.9  | 27.2 144.2 11.0 | 155    | 0.0 1.0 0.112 | 50.3 -62.6 20.1  | 65.8 162.2 |
| 23/404 | G50B_100_050e | 0.5 1.0 1.0    | 1.0 0.5 0.75 | 210    | 0.5 1.0 0.883   | 75.9 -18.9 -14.2 | 23.6 216.9 | 0.5 1.0 1.0    | 79.1 -12.5 -17.7 | 21.7 234.6 7.9  | 197    | 0.0 1.0 0.767 | 55.4 -37.8 -28.4 | 47.3 216.9 |
| 24/368 | B00R_100_050e | 0.5 0.5 1.0    | 1.0 0.5 0.75 | 270    | 0.5 0.69 1.0    | 67.6 0.5 -19.4   | 19.4 271.7 | 0.5 0.5 1.0    | 59.3 15.8 -19.5  | 25.1 309.1 17.4 | 247    | 0.0 0.38 1.0  | 38.7 1.1 -38.9   | 38.9 271.7 |
| 25/692 | B50R_100_050e | 1.0 0.5 1.0    | 1.0 0.5 0.75 | 330    | 0.659 0.5 1.0   | 64.0 22.8 -13.9  | 26.7 328.6 | 1.0 0.5 1.0    | 72.2 33.6 -3.5   | 33.8 353.9 17.0 | 288    | 0.319 0.0 1.0 | 31.5 45.7 -27.9  | 53.5 328.6 |
| 26/688 | R00Y_100_050e | 1.0 0.5 0.5    | 1.0 0.5 0.75 | 390    | 1.0 0.5 0.609   | 71.5 35.7 17.0   | 39.6 25.4  | 1.0 0.5 0.5    | 69.5 29.5 25.7   | 39.2 41.0 10.8  | 377    | 1.0 0.0 0.219 | 46.6 71.5 34.1   | 79.2 25.4  |
| 27/506 | R00Y_075_050e | 0.75 0.25 0.25 | 0.75 0.5 0.5 | 390    | 0.75 0.25 0.359 | 53.3 35.7 17.0   | 39.6 25.4  | 0.75 0.25 0.25 | 51.4 39.0 30.3   | 49.5 37.8 13.8  | 377    | 1.0 0.0 0.219 | 46.6 71.5 34.1   | 79.2 25.4  |
| 28/524 | R50Y_075_050e | 0.75 0.5 0.25  | 0.75 0.5 0.5 | 60     | 0.75 0.45 0.25  | 60.8 18.7 30.9   | 36.2 58.8  | 0.75 0.5 0.25  | 62.5 18.2 36.9   | 41.2 63.7 6.2   | 53     | 1.0 0.401 0.0 | 61.7 37.4 61.9   | 72.4 58.8  |
| 29/542 | Y00G_075_050e | 0.75 0.75 0.25 | 0.75 0.5 0.5 | 90     | 0.75 0.715 0.25 | 72.9 -1.7 43.7   | 43.7 92.3  | 0.75 0.75 0.25 | 73.0 0.1 44.0    | 44.0 89.8 1.9   | 86     | 1.0 0.93 0.0  | 85.8 -3.5 87.4   | 87.5 92.3  |
| 30/380 | Y50G_075_050e | 0.5 0.75 0.25  | 0.75 0.5 0.5 | 120    | 0.412 0.75 0.25 | 61.3 -19.4 25.6  | 32.1 127.2 | 0.5 0.75 0.25  | 64.0 -11.6 32.1  | 34.1 109.9 10.5 | 131    | 0.325 1.0 0.0 | 62.6 -38.9 51.2  | 64.3 127.2 |
| 31/218 | G00B_075_050e | 0.25 0.75 0.25 | 0.75 0.5 0.5 | 150    | 0.25 0.75 0.306 | 55.2 -31.3 10.0  | 32.9 162.2 | 0.25 0.75 0.25 | 54.1 -27.6 18.3  | 33.1 146.4 9.1  | 155    | 0.0 1.0 0.112 | 50.3 -62.6 20.1  | 65.8 162.2 |
| 32/222 | G50B_075_050e | 0.25 0.75 0.75 | 0.75 0.5 0.5 | 210    | 0.25 0.75 0.633 | 57.7 -18.9 -14.2 | 23.6 216.9 | 0.25 0.75 0.75 | 57.1 -15.7 -16.9 | 23.0 227.1 4.2  | 197    | 0.0 1.0 0.767 | 55.4 -37.8 -28.4 | 47.3 216.9 |
| 33/186 | B00R_075_050e | 0.25 0.25 0.75 | 0.75 0.5 0.5 | 270    | 0.25 0.44 0.75  | 49.3 0.5 -19.4   | 19.4 271.7 | 0.25 0.25 0.75 | 38.8 16.1 -20.2  | 25.9 308.6 18.8 | 247    | 0.0 0.38 1.0  | 38.7 1.1 -38.9   | 38.9 271.7 |
| 34/510 | B50R_075_050e | 0.75 0.25 0.75 | 0.75 0.5 0.5 | 330    | 0.409 0.25 0.75 | 45.7 22.8 -13.9  | 26.7 328.6 | 0.75 0.25 0.75 | 53.8 42.9 0.3    | 42.9 0.4 25.9   | 288    | 0.319 0.0 1.0 | 31.5 45.7 -27.9  | 53.5 328.6 |
| 35/506 | R00Y_075_050e | 0.75 0.25 0.25 | 0.75 0.5 0.5 | 390    | 0.75 0.25 0.359 | 53.3 35.7 17.0   | 39.6 25.4  | 0.75 0.25 0.25 | 51.4 39.0 30.3   | 49.5 37.8 13.8  | 377    | 1.0 0.0 0.219 | 46.6 71.5 34.1   | 79.2 25.4  |
| 36/324 | R00Y_050_050e | 0.5 0.0 0.0    | 0.5 0.5 0.25 | 390    | 0.5 0.0 0.109   | 35.1 35.7 17.0   | 39.6 25.4  | 0.5 0.0 0.0    | 35.3 44.4 23.5   | 50.3 27.9 10.8  | 377    | 1.0 0.0 0.219 | 46.6 71.5 34.1   | 79.2 25.4  |
| 37/342 | R50Y_050_050e | 0.5 0.25 0.0   | 0.5 0.5 0.25 | 60     | 0.5 0.2 0.0     | 42.6 18.7 30.9   | 36.2 58.8  | 0.5 0.25 0.0   | 44.3 23.4 33.7   | 41.0 55.1 5.7   | 53     | 1.0 0.401 0.0 | 61.7 37.4 61.9   | 72.4 58.8  |
| 38/360 | Y00G_050_050e | 0.5 0.5 0.0    | 0.5 0.5 0.25 | 90     | 0.5 0.465 0.0   | 54.7 -1.7 43.7   | 43.7 92.3  | 0.5 0.5 0.0    | 53.8 3.3 43.7    | 43.8 85.6 5.1   | 86     | 1.0 0.93 0.0  | 85.8 -3.5 87.4   | 87.5 92.3  |
| 39/198 | Y50G_050_050e | 0.25 0.5 0.0   | 0.5 0.5 0.25 | 120    | 0.162 0.5 0.0   | 43.1 -19.4 25.6  | 32.1 127.2 | 0.25 0.5 0.0   | 44.3 -15.5 28.9  | 32.8 118.3 5.2  | 131    | 0.325 1.0 0.0 | 62.6 -38.9 51.2  | 64.3 127.2 |
| 40/36  | G00B_050_050e | 0.0 0.5 0.0    | 0.5 0.5 0.25 | 150    | 0.0 0.5 0.056   | 36.9 -31.3 10.0  | 32.9 162.2 | 0.0 0.5 0.0    | 37.8 -38.1 15.3  | 41.1 158.0 8.6  | 155    | 0.0 1.0 0.112 | 50.3 -62.6 20.1  | 65.8 162.2 |
| 41/40  | G50B_050_050e | 0.0 0.5 0.5    | 0.5 0.5 0.25 | 210    | 0.0 0.5 0.383   | 39.5 -18.9 -14.2 | 23.6 216.9 | 0.0 0.5 0.5    | 40.3 -22.8 -14.8 | 27.1 212.9 4.0  | 197    | 0.0 1.0 0.767 | 55.4 -37.8 -28.4 | 47.3 216.9 |
| 42/4   | B00R_050_050e | 0.0 0.0 0.5    | 0.5 0.5 0.25 | 270    | 0.0 0.19 0.5    | 31.1 0.5 -19.4   | 19.4 271.7 | 0.0 0.0 0.5    | 24.6 11.7 -20.3  | 23.5 300.0 12.9 | 247    | 0.0 0.38 1.0  | 38.7 1.1 -38.9   | 38.9 271.7 |
| 43/328 | B50R_050_050e | 0.5 0.0 0.5    | 0.5 0.5 0.25 | 330    | 0.159 0.0 0.5   | 27.5 22.8 -13.9  | 26.7 328.6 | 0.5 0.0 0.5    | 35.8 49.8 0.0    | 49.8 359.9 31.4 | 288    | 0.319 0.0 1.0 | 31.5 45.7 -27.9  | 53.5 328.6 |
| 44/324 | R00Y_050_050e | 0.5 0.0 0.0    | 0.5 0.5 0.25 | 390    | 0.5 0.0 0.109   | 35.1 35.         |            |                |                  |                 |        |               |                  |            |

http://130.149.60.45/~farbmetrik/SE18/SE18L0NA.TXT /.PS; transfer output  
N: no 3D-linearization (OL) in file (F) or PS-startup (S), page 20/33

SE1801A

TUB registration: 20130201-SE18/SE18L0NA.TXT /.PS  
application for measurement of offset print output, separationcnmy0 (CMY0)

TUB material: code=rha4ta

| n=j | HIC*Fe        | rgb_Fe | ict_Fe | hsi_Fe | rgb*Fe | LabCh*Fe | rgb*Fe | LabCh*Fe | DE**Fe | hsi_Me | rgb*Me | LabCh*Me |
|-----|---------------|--------|--------|--------|--------|----------|--------|----------|--------|--------|--------|----------|
| 0   | NW_000e       | 0.0    | 0.0    | 0.0    | 0.0    | 0.0      | 0.0    | 0.0      | 0.0    | 0.0    | 1.0    | 1.0      |
| 1   | B00R_012_012e | 0.0    | 0.125  | 0.125  | 0.062  | 0.062    | 0.0047 | 0.125    | 2.36   | 2.7    | 0.38   | 1.0      |
| 2   | B00R_025_025e | 0.0    | 0.25   | 0.25   | 0.125  | 0.125    | 0.0095 | 0.25     | 2.72   | 5.0    | 0.38   | 1.0      |
| 3   | B00R_037_037e | 0.0    | 0.375  | 0.375  | 0.187  | 0.187    | 0.0142 | 0.375    | 2.44   | 8.1    | 0.38   | 1.0      |
| 4   | B00R_050_050e | 0.0    | 0.5    | 0.5    | 0.25   | 0.25     | 0.019  | 0.5      | 2.46   | 11.7   | 0.38   | 1.0      |
| 5   | B00R_062_062e | 0.0    | 0.625  | 0.625  | 0.312  | 0.312    | 0.0238 | 0.625    | 2.47   | 15.7   | 0.38   | 1.0      |
| 6   | B00R_075_075e | 0.0    | 0.75   | 0.75   | 0.375  | 0.375    | 0.0285 | 0.75     | 25.1   | 19.2   | 0.38   | 1.0      |
| 7   | B00R_087_087e | 0.0    | 0.875  | 0.875  | 0.437  | 0.437    | 0.0333 | 0.875    | 25.4   | 22.9   | 0.38   | 1.0      |
| 8   | B00R_100_100e | 0.0    | 1.0    | 1.0    | 0.5    | 0.5      | 0.038  | 1.0      | 25.8   | 26.0   | 0.38   | 1.0      |
| 9   | G00B_012_012e | 0.0    | 0.125  | 0.125  | 0.062  | 0.062    | 0.0125 | 0.014    | 26.9   | -7.8   | 0.112  | 50.3     |
| 10  | G50B_012_012e | 0.0    | 0.125  | 0.125  | 0.062  | 0.062    | 0.0125 | 0.095    | 27.5   | -4.7   | 0.767  | 55.4     |
| 11  | G75B_025_025e | 0.0    | 0.25   | 0.25   | 0.125  | 0.125    | 0.0183 | 0.25     | 30.3   | -4.7   | 0.734  | 50.5     |
| 12  | G84B_037_037e | 0.0    | 0.375  | 0.375  | 0.187  | 0.187    | 0.0215 | 0.375    | 31.9   | -4.1   | 0.574  | 45.8     |
| 13  | G88B_050_050e | 0.0    | 0.5    | 0.5    | 0.25   | 0.25     | 0.026  | 0.5      | 33.7   | -3.8   | 0.521  | 43.9     |
| 14  | G90B_062_062e | 0.0    | 0.625  | 0.625  | 0.312  | 0.312    | 0.0306 | 0.625    | 35.6   | -3.5   | 0.49   | 42.7     |
| 15  | G92B_075_075e | 0.0    | 0.75   | 0.75   | 0.375  | 0.375    | 0.0353 | 0.75     | 37.4   | -3.3   | 0.47   | 42.0     |
| 16  | G93B_087_087e | 0.0    | 0.875  | 0.875  | 0.437  | 0.437    | 0.0403 | 0.875    | 39.4   | -3.3   | 0.46   | 41.6     |
| 17  | G94B_100_100e | 0.0    | 1.0    | 1.0    | 0.5    | 0.5      | 0.045  | 1.0      | 41.3   | -3.2   | 0.45   | 41.3     |
| 18  | G00B_025_025e | 0.0    | 0.25   | 0.25   | 0.125  | 0.125    | 0.025  | 0.028    | 30.3   | -15.6  | 0.112  | 50.3     |
| 19  | G25B_025_025e | 0.0    | 0.25   | 0.25   | 0.125  | 0.125    | 0.025  | 0.117    | 30.9   | -12.4  | 0.468  | 52.7     |
| 20  | G50B_025_025e | 0.0    | 0.25   | 0.25   | 0.125  | 0.125    | 0.025  | 0.191    | 31.5   | -9.4   | 0.767  | 55.4     |
| 21  | G65B_037_037e | 0.0    | 0.375  | 0.375  | 0.187  | 0.187    | 0.0364 | 0.375    | 35.9   | -10.7  | 0.971  | 56.3     |
| 22  | G75B_050_050e | 0.0    | 0.5    | 0.5    | 0.25   | 0.25     | 0.0367 | 0.5      | 37.0   | -9.5   | 0.734  | 50.5     |
| 23  | G80B_062_062e | 0.0    | 0.625  | 0.625  | 0.312  | 0.312    | 0.0385 | 0.625    | 38.4   | -8.6   | 0.616  | 47.3     |
| 24  | G84B_075_075e | 0.0    | 0.75   | 0.75   | 0.375  | 0.375    | 0.043  | 0.75     | 40.2   | -8.2   | 0.574  | 45.8     |
| 25  | G86B_087_087e | 0.0    | 0.875  | 0.875  | 0.437  | 0.437    | 0.0474 | 0.875    | 42.0   | -7.9   | 0.542  | 44.6     |
| 26  | G88B_100_100e | 0.0    | 1.0    | 1.0    | 0.5    | 0.5      | 0.0521 | 1.0      | 43.9   | -7.7   | 0.521  | 43.9     |
| 27  | G00B_037_037e | 0.0    | 0.375  | 0.375  | 0.187  | 0.187    | 0.0375 | 0.042    | 33.6   | -23.5  | 0.112  | 50.3     |
| 28  | G15B_037_037e | 0.0    | 0.375  | 0.375  | 0.187  | 0.187    | 0.0375 | 0.135    | 34.2   | -20.3  | 0.1    | 50.3     |
| 29  | G34B_037_037e | 0.0    | 0.375  | 0.375  | 0.187  | 0.187    | 0.0375 | 0.214    | 34.9   | -17.0  | 0.573  | 53.7     |
| 30  | G50B_037_037e | 0.0    | 0.375  | 0.375  | 0.187  | 0.187    | 0.0375 | 0.287    | 35.5   | -14.1  | 0.767  | 55.4     |
| 31  | G61B_050_050e | 0.0    | 0.5    | 0.5    | 0.25   | 0.25     | 0.05   | 0.473    | 40.1   | -15.8  | 0.947  | 56.6     |
| 32  | G69B_062_062e | 0.0    | 0.625  | 0.625  | 0.312  | 0.312    | 0.0544 | 0.625    | 42.6   | -15.5  | 0.87   | 54.1     |
| 33  | G75B_075_075e | 0.0    | 0.75   | 0.75   | 0.375  | 0.375    | 0.055  | 0.75     | 43.7   | -14.3  | 0.734  | 50.5     |
| 34  | G79B_087_087e | 0.0    | 0.875  | 0.875  | 0.437  | 0.437    | 0.0564 | 0.875    | 45.1   | -13.3  | 0.645  | 48.1     |
| 35  | G81B_100_100e | 0.0    | 1.0    | 1.0    | 0.5    | 0.5      | 0.0605 | 1.0      | 46.9   | -13.1  | 0.605  | 46.9     |
| 36  | G00B_050_050e | 0.0    | 0.5    | 0.5    | 0.25   | 0.25     | 0.05   | 0.056    | 36.9   | -31.3  | 0.112  | 50.3     |
| 37  | G11B_050_050e | 0.0    | 0.5    | 0.5    | 0.25   | 0.25     | 0.05   | 0.152    | 37.5   | -28.3  | 0.304  | 51.5     |
| 38  | G25B_050_050e | 0.0    | 0.5    | 0.5    | 0.25   | 0.25     | 0.05   | 0.234    | 38.2   | -24.9  | 0.468  | 52.7     |
| 39  | G38B_050_050e | 0.0    | 0.5    | 0.5    | 0.25   | 0.25     | 0.05   | 0.31     | 38.8   | -21.7  | 0.62   | 54.1     |
| 40  | G50B_050_050e | 0.0    | 0.5    | 0.5    | 0.25   | 0.25     | 0.05   | 0.383    | 39.5   | -18.9  | 0.767  | 55.4     |
| 41  | G59B_062_062e | 0.0    | 0.625  | 0.625  | 0.312  | 0.312    | 0.0625 | 0.566    | 44.0   | -20.6  | 0.907  | 56.3     |
| 42  | G65B_075_075e | 0.0    | 0.75   | 0.75   | 0.375  | 0.375    | 0.0728 | 0.75     | 48.1   | -21.5  | 0.971  | 56.3     |
| 43  | G70B_087_087e | 0.0    | 0.875  | 0.875  | 0.437  | 0.437    | 0.0727 | 0.875    | 49.4   | -20.3  | 0.831  | 53.1     |
| 44  | G75B_100_100e | 0.0    | 1.0    | 1.0    | 0.5    | 0.5      | 0.0734 | 1.0      | 50.5   | -19.0  | 0.734  | 50.5     |
| 45  | G00B_062_062e | 0.0    | 0.625  | 0.625  | 0.312  | 0.312    | 0.0625 | 0.07     | 40.3   | -39.1  | 0.112  | 50.3     |
| 46  | G09B_062_062e | 0.0    | 0.625  | 0.625  | 0.312  | 0.312    | 0.0625 | 0.169    | 40.9   | -36.1  | 0.1    | 50.3     |
| 47  | G19B_062_062e | 0.0    | 0.625  | 0.625  | 0.312  | 0.312    | 0.0625 | 0.25     | 41.5   | -32.9  | 0.4    | 52.2     |
| 48  | G30B_062_062e | 0.0    | 0.625  | 0.625  | 0.312  | 0.312    | 0.0625 | 0.334    | 42.2   | -29.3  | 0.535  | 53.3     |
| 49  | G40B_062_062e | 0.0    | 0.625  | 0.625  | 0.312  | 0.312    | 0.0625 | 0.407    | 42.8   | -26.4  | 0.651  | 54.4     |
| 50  | G50B_062_062e | 0.0    | 0.625  | 0.625  | 0.312  | 0.312    | 0.0625 | 0.479    | 43.5   | -23.6  | 0.767  | 55.4     |
| 51  | G57B_075_075e | 0.0    | 0.75   | 0.75   | 0.375  | 0.375    | 0.075  | 0.66     | 48.0   | -25.4  | 0.88   | 56.1     |
| 52  | G63B_087_087e | 0.0    | 0.875  | 0.875  | 0.437  | 0.437    | 0.0875 | 0.852    | 52.6   | -26.8  | 0.974  | 56.8     |
| 53  | G68B_100_100e | 0.0    | 1.0    | 1.0    | 0.5    | 0.5      | 0.0894 | 1.0      | 54.7   | -25.8  | 0.894  | 54.7     |
| 54  | G00B_075_075e | 0.0    | 0.75   | 0.75   | 0.375  | 0.375    | 0.075  | 0.084    | 43.6   | -47.0  | 0.112  | 50.3     |
| 55  | G07B_075_075e | 0.0    | 0.75   | 0.75   | 0.375  | 0.375    | 0.075  | 0.185    | 44.2   | -43.9  | 0.247  | 51.1     |
| 56  | G15B_075_075e | 0.0    | 0.75   | 0.75   | 0.375  | 0.375    | 0.075  | 0.27     | 44.8   | -40.7  | 0.36   | 51.9     |
| 57  | G25B_075_075e | 0.0    | 0.75   | 0.75   | 0.375  | 0.375    | 0.075  | 0.351    | 45.5   | -37.3  | 0.468  | 52.7     |
| 58  | G34B_075_075e | 0.0    | 0.75   | 0.75   | 0.375  | 0.375    | 0.075  | 0.429    | 46.2   | -34.1  | 0.573  | 53.7     |
| 59  | G42B_075_075e | 0.0    | 0.75   | 0.75   | 0.375  | 0.375    | 0.075  | 0.503    | 46.8   | -31.1  | 0.671  | 54.6     |
| 60  | G50B_075_075e | 0.0    | 0.75   | 0.75   | 0.375  | 0.375    | 0.075  | 0.575    | 47.5   | -28.3  | 0.767  | 55.4     |
| 61  | G56B_087_087e | 0.0    | 0.875  | 0.875  | 0.437  | 0.437    | 0.0875 | 0.578    | 52.0   | -30.1  | 0.867  | 56.1     |
| 62  | G61B_100_100e | 0.0    | 1.0    | 1.0    | 0.5    | 0.5      | 0.109  | 0.947    | 56.6   | -31.7  | 0.947  | 56.6     |
| 63  | G00B_087_087e | 0.0    | 0.875  | 0.875  | 0.437  | 0.437    | 0.0875 | 0.098    | 47.0   | -54.8  | 0.112  | 50.3     |
| 64  | G06B_087_087e | 0.0    | 0.875  | 0.875  | 0.437  | 0.437    | 0.0875 | 0.204    | 47.6   | -51.7  | 0.233  | 51.0     |
| 65  | G13B_087_087e | 0.0    | 0.875  | 0.875  | 0.437  | 0.437    | 0.0875 | 0.285    | 48.1   | -48.8  | 0.326  | 51.6     |
| 66  | G20B_087_087e | 0.0    | 0.875  | 0.875  | 0.437  | 0.437    | 0.0875 | 0.367    | 48.8   | -45.4  | 0.42   | 52.4     |
| 67  | G29B_087_087e | 0.0    | 0.875  | 0.875  | 0.437  | 0.437    | 0.0875 | 0.451    | 49.5   | -41.7  | 0.516  | 53.2     |
| 68  | G36B_087_087e | 0.0    | 0.875  | 0.875  | 0.437  | 0.437    | 0.0875 | 0.526    | 50.1   | -38.7  | 0.601  | 53.9     |
| 69  | G43B_087_087e | 0.0    | 0.875  | 0.875  | 0.437  | 0.437    | 0.0875 | 0.596    | 50.8   | -36.0  | 0.682  | 54.7     |
| 70  | G50B_087_087e | 0.0    | 0.875  | 0.875  | 0.437  | 0.437    | 0.0875 | 0.671    | 51.4   | -33.0  | 0.767  | 55.4     |
| 71  | G55B_100_100e | 0.0    | 1.0    | 1.0    | 0.5    | 0.5      | 0.1085 | 0.854    | 56.0   | -34.8  | 0.854  | 56.0     |
| 72  | G00B_100_100e | 0.0    | 1.0    | 1.0    | 0.5    | 0.5      | 0.112  | 0.503    | 62.6   | -20.1  | 0.112  | 50.3     |
| 73  | G05B_100_100e | 0.0    | 1.0    | 1.0    | 0.5    | 0.5      | 0.1218 | 0.509    | 59.6   | -12.0  | 0.218  | 50.9     |
| 74  | G11B_100_100e | 0.0    | 1.0    | 1.0    | 0.5    | 0.5      | 0.1304 | 0.515    | 56.6   | -4.9   | 0.304  | 51.5     |
| 75  | G18B_100_100e | 0.0    | 1.0    | 1.0    | 0.5    | 0.5      | 0.1391 | 0.521    | 53.1   | -2.1   | 0.391  | 52.1     |
| 76  | G25B_100_100e | 0.0    | 1.0    | 1.0    | 0.5    | 0.5      | 0.1468 | 0.527    | 49.8   | -8.4   | 0.468  | 52.7     |
| 77  | G31B_100_100e | 0.0    | 1.0    | 1.0    | 0.5    | 0.5      | 0.1544 | 0.534    | 46.6   | -14.1  | 0.544  | 53.4     |
| 78  | G38B_100_100e | 0.0    | 1.0    | 1.0    | 0.5    | 0.5      | 0.162  | 0.541    | 43.4   | -19.5  | 0.62   | 54.1     |
| 79  | G44B_100_100e | 0.0    | 1.0    | 1.0    | 0.5    | 0.5      | 0.1692 | 0.548    | 40.7   | -24.1  | 0.692  | 54.8     |
| 80  | G50B_100_100e | 0.0    | 1.0    | 1.0    | 0.5    | 0.5      | 0.1767 | 0.554    | 37.8   | -28.4  | 0.767  | 55.4     |

Mean color difference of this page: delta E\* = 1.1

TUB-test chart SE18; 1080 colours, offset standard paper  
colors and differences,  $\Delta E^*$ , 3D=0, de=1, cmY0

input:  $rgb/cmyk \rightarrow rgb_e$   
output: transfer to  $cmy0_e$



http://130.149.60.45/~farbmetrik/SE18/SE18L0NA.TXT /.PS; transfer output  
N: no 3D-linearization (OL) in file (F) or PS-startup (S), page 21/33

SE1801A

TUB registration: 20130201-SE18/SE18L0NA.TXT /.PS  
application for measurement of offset print output, separationcnmy0 (CMY0)  
TUB material: code=rh4ta

| n   | HIC*Fe        | rgb_Fe            | ict_Fe            | hsi_Fe | rgb*Fe            | LabCh*Fe   | rgb*Fe     | LabCh*Fe | DE*Fe             | hsi_Me     | rgb*Me     | LabCh*Me   |     |
|-----|---------------|-------------------|-------------------|--------|-------------------|------------|------------|----------|-------------------|------------|------------|------------|-----|
| 81  | R00Y_012_012a | 0.125 0.0 0.0     | 0.125 0.125 0.062 | 390    | 0.125 0.0 0.027   | 26.4 8.9   | 4.2 9.9    | 25.4     | 0.125 0.0 0.0     | 26.5 13.7  | 4.2 14.3   | 17.0 4.7   | 377 |
| 82  | B50R_012_012a | 0.125 0.0 0.125   | 0.125 0.125 0.062 | 330    | 0.039 0.0 0.125   | 24.5 5.7   | -3.4 6.6   | 328.6    | 0.125 0.0 0.125   | 26.6 14.9  | -0.8 14.9  | 356.7 9.8  | 288 |
| 83  | B25R_025_025a | 0.125 0.0 0.25    | 0.25 0.25 0.125   | 300    | 0.0 0.013 0.25    | 24.5 5.6   | -9.7 11.2  | 300.1    | 0.125 0.0 0.25    | 27.0 17.2  | -6.2 18.3  | 340.1 12.3 | 267 |
| 84  | B15R_037_037a | 0.125 0.0 0.375   | 0.375 0.375 0.187 | 289    | 0.0 0.07 0.375    | 26.7 5.2   | -14.6 15.5 | 289.7    | 0.125 0.0 0.375   | 27.0 19.0  | -11.5 22.3 | 328.8 14.1 | 259 |
| 85  | B11R_050_050a | 0.125 0.0 0.5     | 0.5 0.5 0.25      | 284    | 0.0 0.12 0.5      | 28.7 5.2   | -19.4 20.1 | 285.0    | 0.125 0.0 0.5     | 27.2 21.5  | -17.0 27.4 | 321.6 16.5 | 256 |
| 86  | B09R_062_062a | 0.125 0.0 0.625   | 0.625 0.625 0.312 | 281    | 0.0 0.169 0.625   | 30.6 5.2   | -24.3 24.9 | 282.1    | 0.125 0.0 0.625   | 27.3 24.6  | -22.0 33.0 | 318.2 19.8 | 254 |
| 87  | B07R_075_075a | 0.125 0.0 0.75    | 0.75 0.75 0.375   | 279    | 0.0 0.218 0.75    | 32.5 5.3   | -29.2 29.7 | 280.2    | 0.125 0.0 0.75    | 27.6 27.5  | -26.7 38.3 | 315.8 22.8 | 253 |
| 88  | B06R_087_087a | 0.125 0.0 0.875   | 0.875 0.875 0.437 | 278    | 0.0 0.263 0.875   | 34.3 5.6   | -34.1 34.6 | 279.3    | 0.125 0.0 0.875   | 27.9 30.0  | -31.1 43.5 | 314.2 25.7 | 252 |
| 89  | B05R_100_100a | 0.125 0.0 1.0     | 1.0 1.0 0.5       | 277    | 0.0 0.311 1.0     | 36.2 5.7   | -39.0 39.4 | 278.3    | 0.125 0.0 1.0     | 28.4 32.6  | -35.0 47.9 | 312.9 28.2 | 252 |
| 90  | Y00G_012_012a | 0.125 0.125 0.0   | 0.125 0.125 0.062 | 90     | 0.125 0.116 0.0   | 31.3 -0.4  | 10.9 10.9  | 92.3     | 0.125 0.125 0.0   | 29.7 3.8   | 7.9 8.8    | 64.1 5.4   | 86  |
| 91  | NW_012a       | 0.125 0.125 0.125 | 0.125 0.0 0.125   | 360    | 0.125 0.125 0.125 | 32.7 0.0   | 0.0 0.0    | 0.0      | 0.125 0.125 0.125 | 30.1 5.2   | 2.9 6.0    | 29.1 6.5   | 360 |
| 92  | B00R_025_012a | 0.125 0.125 0.25  | 0.25 0.125 0.187  | 270    | 0.124 0.172 0.25  | 34.6 0.1   | -4.8 4.8   | 271.7    | 0.125 0.125 0.25  | 30.6 7.3   | -3.4 8.0   | 334.9 8.3  | 247 |
| 93  | B00R_037_025a | 0.125 0.125 0.375 | 0.375 0.25 0.25   | 270    | 0.124 0.22 0.375  | 36.5 0.2   | -9.7 9.7   | 271.7    | 0.125 0.125 0.375 | 30.9 10.2  | -9.8 14.2  | 316.0 11.3 | 247 |
| 94  | B00R_050_037a | 0.125 0.125 0.5   | 0.5 0.375 0.312   | 270    | 0.124 0.267 0.5   | 38.3 0.4   | -14.5 14.6 | 271.7    | 0.125 0.125 0.5   | 31.0 12.6  | -15.5 20.0 | 309.0 14.2 | 247 |
| 95  | B00R_062_050a | 0.125 0.125 0.625 | 0.625 0.5 0.375   | 270    | 0.125 0.315 0.625 | 40.2 0.5   | -19.4 19.4 | 271.7    | 0.125 0.125 0.625 | 31.5 15.9  | -20.9 26.3 | 307.3 17.7 | 247 |
| 96  | B00R_075_062a | 0.125 0.125 0.75  | 0.75 0.625 0.437  | 270    | 0.125 0.363 0.75  | 42.1 0.7   | -24.3 24.3 | 271.7    | 0.125 0.125 0.75  | 32.0 18.3  | -26.0 31.8 | 305.2 20.4 | 247 |
| 97  | B00R_087_075a | 0.125 0.125 0.875 | 0.875 0.75 0.5    | 270    | 0.125 0.41 0.875  | 44.0 0.8   | -29.1 29.2 | 271.7    | 0.125 0.125 0.875 | 32.3 21.7  | -30.7 37.6 | 305.2 23.9 | 247 |
| 98  | B00R_100_087a | 0.125 0.125 1.0   | 1.0 0.875 0.562   | 270    | 0.125 0.458 1.0   | 45.9 1.0   | -34.0 34.0 | 271.7    | 0.125 0.125 1.0   | 32.9 24.1  | -35.3 42.7 | 304.2 26.4 | 247 |
| 99  | Y50G_025_025a | 0.125 0.25 0.0    | 0.25 0.25 0.125   | 120    | 0.081 0.25 0.0    | 33.3 -9.7  | 12.8 16.0  | 127.2    | 0.125 0.25 0.0    | 34.1 -7.0  | 13.3 15.0  | 118.0 2.8  | 131 |
| 100 | G00B_025_012a | 0.125 0.25 0.125  | 0.25 0.125 0.187  | 150    | 0.124 0.25 0.139  | 36.0 -7.8  | 2.5 8.2    | 162.2    | 0.125 0.25 0.125  | 34.4 -5.6  | 7.2 9.2    | 127.8 5.4  | 155 |
| 101 | G50B_025_012a | 0.125 0.25 0.25   | 0.25 0.125 0.187  | 210    | 0.124 0.25 0.22   | 36.6 -4.7  | -3.5 5.9   | 216.9    | 0.125 0.25 0.25   | 35.0 -2.8  | -0.1 2.8   | 183.5 4.2  | 197 |
| 102 | G75B_037_025a | 0.125 0.25 0.375  | 0.375 0.25 0.25   | 240    | 0.124 0.308 0.375 | 39.4 -4.7  | -9.9 11.0  | 244.3    | 0.125 0.25 0.375  | 35.5 -0.4  | -7.1 7.1   | 266.6 6.5  | 224 |
| 103 | G84B_050_037a | 0.125 0.25 0.5    | 0.5 0.375 0.312   | 251    | 0.124 0.34 0.5    | 41.0 -4.1  | -14.8 15.4 | 254.3    | 0.125 0.25 0.5    | 35.6 2.4   | -13.2 13.4 | 280.3 8.6  | 235 |
| 104 | G88B_062_050a | 0.125 0.25 0.625  | 0.625 0.5 0.375   | 256    | 0.125 0.385 0.625 | 42.8 -3.8  | -19.7 20.1 | 259.9    | 0.125 0.25 0.625  | 35.9 6.3   | -19.2 20.2 | 288.2 12.3 | 238 |
| 105 | G90B_075_062a | 0.125 0.25 0.75   | 0.75 0.625 0.437  | 259    | 0.125 0.431 0.75  | 44.7 -3.5  | -24.5 24.8 | 261.6    | 0.125 0.25 0.75   | 36.5 9.0   | -24.7 36.3 | 290.1 15.0 | 240 |
| 106 | G92B_087_075a | 0.125 0.25 0.875  | 0.875 0.75 0.5    | 261    | 0.125 0.478 0.875 | 46.5 -3.3  | -29.5 29.7 | 263.5    | 0.125 0.25 0.875  | 36.6 12.6  | -30.1 32.7 | 292.8 18.8 | 241 |
| 107 | G93B_100_087a | 0.125 0.25 1.0    | 1.0 0.875 0.562   | 262    | 0.125 0.528 1.0   | 48.5 -3.3  | -34.4 34.6 | 264.4    | 0.125 0.25 1.0    | 37.5 15.1  | -34.9 38.0 | 293.4 21.5 | 242 |
| 108 | Y68G_037_037a | 0.125 0.375 0.0   | 0.375 0.375 0.187 | 131    | 0.075 0.375 0.0   | 36.0 -18.5 | 15.5 24.1  | 140.0    | 0.125 0.375 0.0   | 37.7 -17.2 | 17.1 24.3  | 135.0 2.7  | 139 |
| 109 | G00B_037_025a | 0.125 0.375 0.125 | 0.375 0.25 0.25   | 150    | 0.124 0.375 0.153 | 39.4 -15.6 | 5.0 16.4   | 162.2    | 0.125 0.375 0.125 | 38.5 -15.2 | 10.5 18.5  | 145.1 5.6  | 155 |
| 110 | G25B_037_025a | 0.125 0.375 0.25  | 0.375 0.25 0.25   | 180    | 0.124 0.375 0.242 | 40.0 -12.4 | -2.1 12.6  | 189.6    | 0.125 0.375 0.25  | 38.9 -12.4 | 3.2 12.8   | 165.1 5.5  | 177 |
| 111 | G50B_037_025a | 0.125 0.375 0.375 | 0.375 0.25 0.25   | 210    | 0.124 0.375 0.316 | 40.6 -9.4  | -7.1 11.8  | 216.9    | 0.125 0.375 0.375 | 39.5 -9.3  | -4.1 10.2  | 204.0 3.1  | 197 |
| 112 | G65B_050_037a | 0.125 0.375 0.5   | 0.5 0.375 0.312   | 229    | 0.124 0.489 0.5   | 45.0 -10.7 | -14.9 18.4 | 234.3    | 0.125 0.375 0.5   | 40.4 -7.5  | -11.2 13.4 | 236.1 6.7  | 211 |
| 113 | G75B_062_050a | 0.125 0.375 0.625 | 0.625 0.5 0.375   | 240    | 0.125 0.492 0.625 | 46.1 -9.5  | -19.8 22.0 | 244.3    | 0.125 0.375 0.625 | 40.5 -3.1  | -17.7 18.0 | 259.9 8.7  | 224 |
| 114 | G80B_075_062a | 0.125 0.375 0.75  | 0.75 0.625 0.437  | 247    | 0.125 0.51 0.75   | 47.5 -8.6  | -24.6 26.1 | 250.7    | 0.125 0.375 0.75  | 40.6 1.2   | -24.1 24.2 | 273.0 12.0 | 232 |
| 115 | G84B_087_075a | 0.125 0.375 0.875 | 0.875 0.75 0.5    | 251    | 0.125 0.555 0.875 | 49.3 -8.2  | -29.7 30.8 | 254.3    | 0.125 0.375 0.875 | 41.2 4.4   | -29.6 29.9 | 278.4 15.1 | 235 |
| 116 | G86B_100_087a | 0.125 0.375 1.0   | 1.0 0.875 0.562   | 254    | 0.125 0.599 1.0   | 51.1 -7.9  | -34.6 35.5 | 257.1    | 0.125 0.375 1.0   | 41.4 7.9   | -34.8 35.7 | 282.8 18.5 | 237 |
| 117 | Y76G_050_050a | 0.125 0.5 0.0     | 0.5 0.5 0.25      | 136    | 0.066 0.5 0.0     | 39.0 -26.6 | 18.0 32.1  | 145.9    | 0.125 0.5 0.0     | 41.3 -26.0 | 21.1 33.5  | 140.8 3.9  | 142 |
| 118 | G00B_050_037a | 0.125 0.5 0.125   | 0.5 0.375 0.312   | 150    | 0.124 0.5 0.167   | 42.7 -23.5 | 7.5 24.6   | 162.2    | 0.125 0.5 0.125   | 42.1 -23.3 | 13.7 27.0  | 149.4 6.2  | 155 |
| 119 | G15B_050_037a | 0.125 0.5 0.25    | 0.5 0.375 0.312   | 169    | 0.124 0.5 0.26    | 43.3 -20.3 | 0.1 20.3   | 179.5    | 0.125 0.5 0.25    | 42.7 -20.8 | 5.8 21.6   | 164.2 5.7  | 170 |
| 120 | G34B_050_037a | 0.125 0.5 0.375   | 0.5 0.375 0.312   | 191    | 0.124 0.5 0.339   | 44.0 -17.0 | -6.0 18.1  | 199.6    | 0.125 0.5 0.375   | 43.4 -17.4 | -2.8 17.6  | 189.2 3.3  | 184 |
| 121 | G50B_050_037a | 0.125 0.5 0.5     | 0.5 0.375 0.312   | 210    | 0.124 0.5 0.412   | 44.6 -14.1 | -10.6 17.7 | 216.9    | 0.125 0.5 0.5     | 44.0 -14.8 | -9.8 17.8  | 213.6 1.2  | 197 |
| 122 | G61B_062_050a | 0.125 0.5 0.625   | 0.625 0.5 0.375   | 224    | 0.125 0.625 0.598 | 49.2 -15.8 | -18.7 24.5 | 229.7    | 0.125 0.5 0.625   | 45.2 -11.9 | -16.6 20.4 | 234.3 5.9  | 207 |
| 123 | G69B_075_062a | 0.125 0.5 0.75    | 0.75 0.625 0.437  | 233    | 0.125 0.669 0.75  | 51.8 -15.5 | -24.9 29.4 | 237.9    | 0.125 0.5 0.75    | 45.9 -8.5  | -23.2 24.8 | 249.7 9.2  | 216 |
| 124 | G75B_087_075a | 0.125 0.5 0.875   | 0.875 0.75 0.5    | 240    | 0.125 0.675 0.875 | 52.9 -14.3 | -29.8 33.0 | 244.3    | 0.125 0.5 0.875   | 45.9 -4.3  | -29.3 29.6 | 261.6 12.1 | 224 |
| 125 | G79B_100_087a | 0.125 0.5 1.0     | 1.0 0.875 0.562   | 245    | 0.125 0.689 1.0   | 54.2 -13.3 | -34.6 37.1 | 248.9    | 0.125 0.5 1.0     | 46.3 -0.5  | -34.8 34.8 | 269.1 15.0 | 230 |
| 126 | Y81G_062_062a | 0.125 0.625 0.0   | 0.625 0.625 0.312 | 139    | 0.056 0.625 0.0   | 41.9 -35.5 | 21.0 41.3  | 149.4    | 0.125 0.625 0.0   | 45.3 -34.9 | 25.8 43.4  | 143.5 5.8  | 145 |
| 127 | G00B_062_050a | 0.125 0.625 0.125 | 0.625 0.5 0.375   | 150    | 0.125 0.625 0.181 | 46.1 -31.3 | 10.0 32.9  | 162.2    | 0.125 0.625 0.125 | 46.4 -32.2 | 18.1 37.0  | 150.6 8.1  | 155 |
| 128 | G11B_062_050a | 0.125 0.625 0.25  | 0.625 0.5 0.375   | 164    | 0.125 0.625 0.277 | 46.6 -28.3 | 2.4 28.4   | 175.0    | 0.125 0.625 0.25  | 47.0 -29.8 | 9.2 31.1   | 162.8 6.8  | 167 |
| 129 | G25B_062_050a | 0.125 0.625 0.375 | 0.625 0.5 0.375   | 180    | 0.125 0.625 0.359 | 47.3 -24.9 | -4.2 25.2  | 189.6    | 0.125 0.625 0.375 | 47.8 -26.2 | -0.2 26.2  | 180.5 4.2  | 177 |
| 130 | G38B_062_050a | 0.125 0.625 0.5   | 0.625 0.5 0.375   | 196    | 0.125 0.625 0.435 | 47.9 -21.7 | -9.7 23.8  | 204.2    | 0.125 0.625 0.5   | 48.5 -22.9 | -8.9 24.5  | 201.2 1.5  | 187 |
| 131 | G50B_062_050a | 0.125 0.625 0.625 | 0.625 0.5 0.375   | 210    | 0.125 0.625 0.508 | 48.6 -18.9 | -14.2 23.6 | 216.9    | 0.125 0.625 0.625 | 49.2 -19.3 | -15.6 24.8 | 219.0 1.5  | 197 |
| 132 | G59B_075_062a | 0.125 0.625 0.75  | 0.75 0.625 0.437  | 221    | 0.125 0.75 0.691  | 53.2 -20.6 | -22.1 30.3 | 227.0    | 0.125 0.625 0.75  | 50.2 -16.4 | -22.4 27.8 | 233.7 5.1  | 205 |
| 133 | G65B_087_075a | 0.125 0.625 0.875 | 0.875 0.75 0.5    | 229    | 0.125 0.853 0.875 | 57.3 -21.5 | -29.9 36.8 | 234.3    | 0.125 0.625 0.875 | 51.0 -12.9 | -28.8 31.6 | 245.7 10.5 | 211 |
| 134 | G70B_100_087a | 0.125 0.625 1.0   | 1.0 0.875 0.562   | 235    | 0.125 0.852 1.0   | 58.5 -20.3 | -34.9 40.4 | 239.7    | 0.125 0.625 1.0   | 51.7 -9.6  | -34.9 36.3 | 254.5 12.6 | 219 |
| 135 | Y85G_075_075a | 0.125 0.75 0.0    | 0.75 0.75 0.375   | 141    | 0.047 0.75 0.0    | 44.8 -44.5 | 23.9 50.6  | 151.7    | 0.125 0.75 0.0    | 48.3 -41.6 | 29.0 50.7  | 145.1 6.7  | 146 |
| 136 | G00B_075_062a | 0.125 0.75 0.125  | 0.75 0.625 0.437  | 150    | 0.125 0.75 0.195  | 49.4 -39.1 | 12.5 41.1  | 162.2    | 0.125 0.75 0.125  | 49.3 -38.9 | 20.7 44.1  | 151.8 8.2  | 155 |
| 137 | G09B_075_062a | 0.125 0.75 0.25   | 0.75 0.625 0.437  | 161    | 0.125 0.75 0.294  | 50.6 -36.1 | 4.9 36.4   | 172.2    | 0.125 0.75 0.25   | 50.0 -35.8 | 12.0 37.8  | 161.3 7.1  | 165 |
| 138 | G19B_075_062a | 0.125 0.75 0.375  | 0.75 0.625 0.437  | 173    | 0.125 0.75 0.375  | 50.6 -32.9 | -1.8 33.0  | 183.2    | 0.125 0.75 0.375  | 50.7 -32.5 | 2.2 32.6   | 176.0 4.1  | 173 |
| 139 | G30B_075_062a | 0.125 0.75 0.5    | 0.75 0.625 0.437  | 187    | 0.125 0.75 0.459  | 51.3 -29.3 | -8.4 30.5  | 195.9    | 0.125 0.75 0.5    | 51.5 -28.9 |            |            |     |

http://130.149.60.45/~farbmetrik/SE18/SE18L0NA.TXT /.PS; transfer output  
N: no 3D-linearization (OL) in file (F) or PS-startup (S), page 22/33

SE1801A

see similar files: <http://130.149.60.45/~farbmetrik/SE18/SE18L0NA.TXT> / .PS  
technical information: <http://www.ps.bam.de> or <http://130.149.60.45/~farbmetrik>

TUB registration: 20130201-SE18/SE18L0NA.TXT /.PS  
application for measurement of offset print output, separationcnmy0 (CMY0)

TUB material: code=rh4ta

| n   | HIC*Fe        | rgb_Fe           | ict_Fe            | hsi_Fe | rgb*Fe            | LabCh*Fe         | rgb*Fe     | LabCh*Fe         | DE*Fe              | hsiMe               | rgb*Me        | LabCh*Me                    |
|-----|---------------|------------------|-------------------|--------|-------------------|------------------|------------|------------------|--------------------|---------------------|---------------|-----------------------------|
| 162 | R00Y_025_025e | 0.25 0.0 0.0     | 0.25 0.25 0.125   | 390    | 0.25 0.0 0.054    | 29.3 17.8 8.5    | 19.8 25.4  | 0.25 0.0 0.0     | 28.1 24.1 8.6      | 19.6 6.3 377        | 1.0 0.0 0.219 | 46.6 71.5 34.1 79.2 25.4    |
| 163 | R00Y_025_025e | 0.25 0.0 0.125   | 0.25 0.25 0.125   | 360    | 0.18 0.0 0.25     | 28.1 17.1 -2.3   | 17.3 352.0 | 0.25 0.0 0.125   | 28.3 25.5 3.9      | 25.8 8.8 10.5 314   | 0.721 0.0 1.0 | 41.9 68.7 -9.5 69.4 352.0   |
| 164 | B50R_025_025e | 0.25 0.0 0.25    | 0.25 0.25 0.125   | 330    | 0.079 0.0 0.25    | 25.5 11.4 -6.9   | 13.3 328.6 | 0.25 0.0 0.25    | 28.6 27.2 -1.6     | 27.2 356.6 16.9 288 | 0.319 0.0 1.0 | 31.5 45.7 -27.9 53.5 328.6  |
| 165 | B34R_037_037e | 0.25 0.0 0.375   | 0.375 0.375 0.187 | 311    | 0.034 0.0 0.375   | 25.1 11.6 -13.5  | 17.8 310.5 | 0.25 0.0 0.375   | 28.9 29.7 -6.4     | 30.4 347.7 19.8 274 | 0.092 0.0 1.0 | 27.7 30.9 -36.1 47.6 310.5  |
| 166 | B25R_050_050e | 0.25 0.0 0.5     | 0.5 0.5 0.25      | 300    | 0.0 0.027 0.5     | 25.5 11.3 -19.4  | 22.5 300.1 | 0.25 0.0 0.5     | 28.9 30.6 -12.2    | 33.0 338.2 20.9 267 | 0.0 0.055 1.0 | 27.4 22.6 -38.9 45.1 300.1  |
| 167 | B19R_062_062e | 0.25 0.0 0.625   | 0.625 0.625 0.312 | 293    | 0.0 0.091 0.625   | 27.8 10.6 -24.3  | 26.5 293.5 | 0.25 0.0 0.625   | 28.7 32.2 -17.7    | 36.8 331.1 22.6 262 | 0.0 0.146 1.0 | 30.3 16.9 -39.0 42.5 293.5  |
| 168 | B15R_075_075e | 0.25 0.0 0.75    | 0.75 0.75 0.375   | 289    | 0.0 0.141 0.75    | 29.8 10.5 -29.3  | 31.1 289.7 | 0.25 0.0 0.75    | 28.7 34.8 -22.6    | 41.6 326.9 25.2 259 | 0.0 0.188 1.0 | 31.8 14.0 -39.0 41.5 289.7  |
| 169 | B13R_087_087e | 0.25 0.0 0.875   | 0.875 0.875 0.437 | 286    | 0.0 0.193 0.875   | 31.8 10.3 -34.1  | 35.6 289.7 | 0.25 0.0 0.875   | 29.0 37.5 -27.1    | 46.3 324.1 28.2 257 | 0.0 0.22 1.0  | 33.0 11.8 -39.0 40.7 286.9  |
| 170 | B11R_100_100e | 0.25 0.0 1.0     | 1.0 1.0 0.5       | 284    | 0.0 0.241 1.0     | 33.8 10.4 -38.8  | 40.2 285.0 | 0.25 0.0 1.0     | 29.2 39.8 -31.1    | 50.6 322.0 30.7 256 | 0.0 0.241 1.0 | 33.8 10.4 -38.8 40.2 285.0  |
| 171 | R50Y_025_025e | 0.25 0.125 0.0   | 0.25 0.25 0.125   | 60     | 0.25 0.1 0.0      | 33.1 9.3 15.4    | 18.1 58.8  | 0.25 0.125 0.0   | 31.6 14.6 12.9     | 19.5 4.4 6.0 53     | 1.0 0.401 0.0 | 61.7 37.4 61.9 72.4 58.8    |
| 172 | R00Y_025_012e | 0.25 0.125 0.125 | 0.25 0.125 0.187  | 390    | 0.25 0.124 0.152  | 35.5 8.9 4.2     | 9.9 25.4   | 0.25 0.125 0.125 | 31.8 16.2 7.4 17.8 | 24.7 8.8 377        | 1.0 0.0 0.219 | 46.6 71.5 34.1 79.2 25.4    |
| 173 | B50R_025_012e | 0.25 0.125 0.25  | 0.25 0.125 0.187  | 330    | 0.164 0.124 0.25  | 33.7 5.7 -3.4    | 6.6 328.6  | 0.25 0.125 0.25  | 32.1 17.6 1.4 17.7 | 4.7 1.0 28.0 138    | 0.319 0.0 1.0 | 31.5 45.7 -27.9 53.5 328.6  |
| 174 | B25R_037_025e | 0.25 0.125 0.375 | 0.375 0.25 0.25   | 300    | 0.124 0.138 0.375 | 33.6 5.6 -9.7    | 11.2 300.1 | 0.25 0.125 0.375 | 32.4 19.2 -4.6     | 19.7 346.4 14.5 267 | 0.0 0.055 1.0 | 27.4 22.6 -38.9 45.1 300.1  |
| 175 | B15R_050_037e | 0.25 0.125 0.5   | 0.5 0.375 0.312   | 289    | 0.124 0.195 0.5   | 35.8 5.2 -14.6   | 15.5 289.7 | 0.25 0.125 0.5   | 32.4 21.4 -11.0    | 24.1 332.7 16.9 259 | 0.0 0.188 1.0 | 31.8 14.0 -39.0 41.5 289.7  |
| 176 | B11R_062_050e | 0.25 0.125 0.625 | 0.625 0.5 0.375   | 284    | 0.125 0.245 0.625 | 37.8 5.2 -19.4   | 20.1 285.0 | 0.25 0.125 0.625 | 32.8 23.2 -16.5    | 28.5 324.4 18.9 256 | 0.0 0.241 1.0 | 33.8 10.4 -38.8 40.2 285.0  |
| 177 | B09R_075_062e | 0.25 0.125 0.75  | 0.75 0.625 0.437  | 281    | 0.125 0.294 0.75  | 39.7 5.2 -24.3   | 24.9 282.1 | 0.25 0.125 0.75  | 33.2 26.2 -21.7    | 34.1 320.3 22.1 254 | 0.0 0.271 1.0 | 34.8 8.3 -38.9 39.8 282.1   |
| 178 | B07R_087_075e | 0.25 0.125 0.875 | 0.875 0.75 0.5    | 279    | 0.125 0.343 0.875 | 41.7 5.3 -29.2   | 29.7 280.2 | 0.25 0.125 0.875 | 33.4 28.6 -26.9    | 39.2 316.7 24.8 253 | 0.0 0.291 1.0 | 35.5 7.0 -39.0 39.6 280.2   |
| 179 | B06R_100_087e | 0.25 0.125 1.0   | 1.0 0.875 0.562   | 278    | 0.125 0.388 1.0   | 43.5 5.6 -34.1   | 34.6 279.3 | 0.25 0.125 1.0   | 33.6 31.3 -31.2    | 44.2 315.0 27.6 252 | 0.0 0.301 1.0 | 35.9 6.4 -39.0 39.5 279.3   |
| 180 | Y00G_025_025e | 0.25 0.25 0.0    | 0.25 0.25 0.125   | 90     | 0.25 0.232 0.0    | 39.1 -0.8 21.8   | 21.8 92.3  | 0.25 0.25 0.0    | 36.0 3.6 18.5      | 18.9 78.8 6.4 86    | 1.0 0.93 0.0  | 85.8 -3.5 87.4 87.5 92.3    |
| 181 | Y00G_025_012e | 0.25 0.25 0.125  | 0.25 0.125 0.187  | 90     | 0.25 0.241 0.124  | 40.5 -0.4 10.9   | 10.9 92.3  | 0.25 0.25 0.125  | 36.4 4.5 12.3      | 13.2 69.6 6.6 86    | 1.0 0.93 0.0  | 85.8 -3.5 87.4 87.5 92.3    |
| 182 | NW_025e       | 0.25 0.25 0.25   | 0.25 0.0 0.25     | 360    | 0.25 0.25 0.25    | 41.8 0.0 0.0     | 0.0 0.0    | 0.25 0.25 0.25   | 36.9 6.3 5.2       | 8.2 39.4 9.5 360    | 1.0 1.0 1.0   | 96.4 0.0 0.0 0.0 0.0        |
| 183 | B00R_037_012e | 0.25 0.25 0.375  | 0.375 0.125 0.312 | 270    | 0.249 0.297 0.375 | 43.7 0.1 -4.8    | 4.8 271.7  | 0.25 0.25 0.375  | 37.3 8.5 -1.6      | 8.7 349.2 11.0 247  | 0.0 0.38 1.0  | 38.7 1.1 -38.9 38.9 271.7   |
| 184 | B00R_050_025e | 0.25 0.25 0.5    | 0.5 0.25 0.375    | 270    | 0.249 0.345 0.5   | 45.6 0.2 -9.7    | 9.7 271.7  | 0.25 0.25 0.5    | 37.8 10.5 -8.3     | 13.4 321.7 12.9 247 | 0.0 0.38 1.0  | 38.7 1.1 -38.9 38.9 271.7   |
| 185 | B00R_062_037e | 0.25 0.25 0.625  | 0.625 0.375 0.437 | 270    | 0.25 0.392 0.625  | 47.5 0.4 -14.5   | 14.6 271.7 | 0.25 0.25 0.625  | 38.1 13.6 -14.5    | 19.9 313.1 16.1 247 | 0.0 0.38 1.0  | 38.7 1.1 -38.9 38.9 271.7   |
| 186 | B00R_075_050e | 0.25 0.25 0.75   | 0.75 0.5 0.5      | 270    | 0.25 0.44 0.75    | 49.3 0.5 -19.4   | 19.4 271.7 | 0.25 0.25 0.75   | 38.8 16.1 -20.2    | 25.9 308.6 18.8 247 | 0.0 0.38 1.0  | 38.7 1.1 -38.9 38.9 271.7   |
| 187 | B00R_087_062e | 0.25 0.25 0.875  | 0.875 0.625 0.562 | 270    | 0.25 0.488 0.875  | 51.2 0.7 -24.3   | 24.3 271.7 | 0.25 0.25 0.875  | 39.2 19.0 -25.4    | 31.7 306.8 21.9 247 | 0.0 0.38 1.0  | 38.7 1.1 -38.9 38.9 271.7   |
| 188 | B00R_100_075e | 0.25 0.25 1.0    | 1.0 0.75 0.625    | 270    | 0.25 0.535 1.0    | 53.1 0.8 -29.1   | 29.2 271.7 | 0.25 0.25 1.0    | 39.5 21.5 -30.4    | 37.3 305.2 24.7 247 | 0.0 0.38 1.0  | 38.7 1.1 -38.9 38.9 271.7   |
| 189 | Y31G_037_037e | 0.25 0.375 0.0   | 0.375 0.375 0.187 | 109    | 0.181 0.375 0.0   | 41.0 -10.4 22.9  | 25.2 114.4 | 0.25 0.375 0.0   | 40.4 -5.4 24.2     | 24.8 102.5 5.2 121  | 0.483 1.0 0.0 | 69.9 -27.8 61.3 67.3 114.4  |
| 190 | Y50G_037_025e | 0.25 0.375 0.125 | 0.375 0.25 0.25   | 120    | 0.267 0.375 0.124 | 42.4 -9.7 12.8   | 16.0 127.2 | 0.25 0.375 0.125 | 40.6 -4.8 16.5     | 17.2 106.2 6.4 131  | 0.325 1.0 0.0 | 62.6 -38.9 51.2 64.3 127.2  |
| 191 | G00B_037_012e | 0.25 0.375 0.25  | 0.375 0.125 0.312 | 150    | 0.249 0.375 0.264 | 45.1 -7.8 2.5    | 8.2 162.2  | 0.25 0.375 0.25  | 41.0 -2.7 8.6      | 9.1 107.5 9.0 155   | 0.0 1.0 0.112 | 50.3 -62.6 20.1 65.8 162.2  |
| 192 | G50B_037_012e | 0.25 0.375 0.375 | 0.375 0.125 0.312 | 210    | 0.249 0.375 0.345 | 45.8 -4.7 -3.5   | 5.9 216.9  | 0.25 0.375 0.375 | 41.6 -0.9 0.8      | 1.3 137.6 7.1 197   | 0.0 1.0 0.767 | 55.4 -37.8 -28.4 47.3 216.9 |
| 193 | G75B_050_025e | 0.25 0.375 0.5   | 0.5 0.25 0.375    | 240    | 0.249 0.433 0.5   | 48.5 -4.7 -9.9   | 11.0 244.3 | 0.25 0.375 0.5   | 42.2 1.5 -6.3      | 6.5 283.9 9.6 224   | 0.0 0.734 1.0 | 50.5 -19.0 -39.7 44.0 244.3 |
| 194 | G84B_062_037e | 0.25 0.375 0.625 | 0.625 0.375 0.437 | 251    | 0.25 0.465 0.625  | 50.1 -4.1 -14.8  | 15.4 254.3 | 0.25 0.375 0.625 | 42.3 5.0 -13.1     | 14.0 291.2 12.2 235 | 0.0 0.574 1.0 | 45.8 -11.0 -39.6 41.1 254.3 |
| 195 | G88B_075_050e | 0.25 0.375 0.75  | 0.75 0.5 0.5      | 256    | 0.25 0.51 0.75    | 51.9 -3.8 -19.7  | 20.1 258.9 | 0.25 0.375 0.75  | 43.1 7.9 -19.4     | 21.0 292.2 14.7 238 | 0.0 0.521 1.0 | 43.9 -7.7 -39.4 40.2 258.9  |
| 196 | G90B_087_062e | 0.25 0.375 0.875 | 0.875 0.625 0.562 | 259    | 0.25 0.556 0.875  | 53.8 -3.5 -24.5  | 24.8 261.6 | 0.25 0.375 0.875 | 43.0 11.5 -25.2    | 27.7 294.6 18.6 240 | 0.0 0.49 1.0  | 42.7 -5.7 -39.3 39.7 261.6  |
| 197 | G92B_100_075e | 0.25 0.375 1.0   | 1.0 0.75 0.625    | 261    | 0.25 0.603 1.0    | 55.6 -3.3 -29.5  | 29.7 263.5 | 0.25 0.375 1.0   | 43.7 14.2 -30.4    | 33.5 295.0 21.2 241 | 0.0 0.47 1.0  | 42.0 -4.4 -39.3 39.6 263.5  |
| 198 | Y50G_050_050e | 0.25 0.5 0.0     | 0.5 0.5 0.25      | 120    | 0.162 0.5 0.0     | 43.1 -19.4 25.6  | 32.1 127.2 | 0.25 0.5 0.0     | 44.3 -15.5 28.9    | 32.8 118.3 5.2 131  | 0.325 1.0 0.0 | 62.6 -38.9 51.2 64.3 127.2  |
| 199 | Y68G_050_037e | 0.25 0.5 0.125   | 0.5 0.375 0.312   | 131    | 0.2 0.5 0.124     | 45.1 -18.5 15.5  | 24.1 140.0 | 0.25 0.5 0.125   | 44.6 -14.8 20.4    | 25.2 126.1 6.1 139  | 0.2 1.0 0.0   | 56.7 -49.4 41.3 64.4 140.0  |
| 200 | G00B_050_025e | 0.25 0.5 0.25    | 0.5 0.25 0.375    | 150    | 0.249 0.5 0.278   | 48.5 -15.6 5.0   | 16.4 162.2 | 0.25 0.5 0.25    | 45.5 -11.8 11.6    | 16.7 135.0 8.3 155  | 0.0 1.0 0.112 | 50.3 -62.6 20.1 65.8 162.2  |
| 201 | G25B_050_025e | 0.25 0.5 0.375   | 0.5 0.25 0.375    | 180    | 0.249 0.5 0.367   | 49.1 -12.4 -2.1  | 12.6 189.6 | 0.25 0.5 0.375   | 46.2 -9.6 3.6      | 10.3 159.0 7.0 177  | 0.0 1.0 0.468 | 52.7 -49.8 -8.4 50.5 189.6  |
| 202 | G50B_050_025e | 0.25 0.5 0.5     | 0.5 0.25 0.375    | 210    | 0.249 0.5 0.441   | 49.7 -9.4 -7.1   | 11.8 216.9 | 0.25 0.5 0.5     | 46.6 -7.2 -4.5     | 8.5 212.3 4.5 197   | 0.0 1.0 0.767 | 55.4 -37.8 -28.4 47.3 216.9 |
| 203 | G65B_062_037e | 0.25 0.5 0.625   | 0.625 0.375 0.437 | 229    | 0.25 0.614 0.625  | 54.1 -10.7 -14.9 | 18.4 234.3 | 0.25 0.5 0.625   | 47.8 -4.7 -11.6    | 12.5 248.0 9.3 211  | 0.0 0.971 1.0 | 56.3 -28.6 -39.9 49.1 234.3 |
| 204 | G75B_075_050e | 0.25 0.5 0.75    | 0.75 0.5 0.5      | 240    | 0.25 0.617 0.75   | 55.2 -9.5 -19.8  | 22.0 244.3 | 0.25 0.5 0.75    | 48.2 -1.3 -18.7    | 18.7 265.7 10.8 224 | 0.0 0.73      |                             |



http://130.149.60.45/~farbmetrik/SE18/SE18L0NA.TXT /.PS; transfer output  
N: no 3D-linearization (OL) in file (F) or PS-startup (S), page 23/33

see similar files: <http://130.149.60.45/~farbmetrik/SE18/SE18L0NA.TXT> / .PS  
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| n   | HIC*Fe        | rgb_Fe            | ict_Fe            | hsi_Fe | rgb*Fe            | LabCh*Fe        | rgb*Fe     | LabCh*Fe          | DE*Fe           | hsi_Me          | rgb*Me | LabCh*Me         |
|-----|---------------|-------------------|-------------------|--------|-------------------|-----------------|------------|-------------------|-----------------|-----------------|--------|------------------|
| 243 | R00Y_037_037* | 0.375 0.0 0.0     | 0.375 0.375 0.187 | 390    | 0.375 0.0 0.082   | 32.2 26.8 12.7  | 29.7 25.4  | 0.375 0.0 0.0     | 31.8 36.2 19.0  | 40.9 27.7 11.3  | 377    | 46.6 71.5 34.1   |
| 244 | R18Y_037_037* | 0.375 0.0 0.125   | 0.375 0.375 0.187 | 371    | 0.375 0.0 0.303   | 32.3 28.8 2.1   | 28.9 4.3   | 0.375 0.0 0.125   | 31.9 36.8 13.9  | 39.4 20.6 14.2  | 340    | 76.8 5.8 77.1    |
| 245 | B65R_037_037* | 0.375 0.0 0.25    | 0.375 0.375 0.187 | 349    | 0.223 0.0 0.375   | 29.2 23.4 -5.5  | 24.1 346.6 | 0.375 0.0 0.25    | 32.1 38.7 7.1   | 39.4 10.4 20.0  | 306    | 38.6 62.6 -14.9  |
| 246 | B50R_037_037* | 0.375 0.0 0.375   | 0.375 0.375 0.187 | 330    | 0.119 0.0 0.375   | 26.5 17.1 -10.4 | 20.0 328.6 | 0.375 0.0 0.375   | 32.3 40.1 1.3   | 40.1 1.9 26.4   | 288    | 65.3 -27.9 53.5  |
| 247 | B38R_050_050* | 0.375 0.0 0.5     | 0.5 0.5 0.25      | 316    | 0.079 0.0 0.5     | 26.1 17.2 -17.0 | 24.3 315.3 | 0.375 0.0 0.5     | 32.6 42.8 -4.0  | 43.0 354.5 29.3 | 278    | 28.6 34.5 -34.1  |
| 248 | B30R_062_062* | 0.375 0.0 0.625   | 0.625 0.625 0.312 | 307    | 0.025 0.0 0.625   | 25.5 17.6 -23.5 | 29.4 306.8 | 0.375 0.0 0.625   | 33.0 44.8 -9.6  | 45.8 347.9 31.5 | 272    | 34.5 -37.7 47.1  |
| 249 | B25R_075_075* | 0.375 0.0 0.75    | 0.75 0.75 0.375   | 300    | 0.0 0.041 0.75    | 26.5 17.0 -29.2 | 33.8 300.1 | 0.375 0.0 0.75    | 32.9 46.1 -15.1 | 48.6 341.8 33.0 | 267    | 27.4 -38.9 45.1  |
| 250 | B20R_087_087* | 0.375 0.0 0.875   | 0.875 0.875 0.437 | 295    | 0.0 0.109 0.875   | 28.8 16.1 -34.0 | 37.6 295.4 | 0.375 0.0 0.875   | 33.0 48.2 -20.3 | 52.3 337.1 35.1 | 263    | 18.6 -38.8 43.0  |
| 251 | B18R_100_100* | 0.375 0.0 1.0     | 1.0 1.0 0.5       | 292    | 0.0 0.157 1.0     | 30.7 16.2 -39.0 | 42.2 292.5 | 0.375 0.0 1.0     | 33.3 50.2 -24.6 | 55.9 333.8 37.0 | 261    | 30.7 16.2 -39.0  |
| 252 | R31Y_037_037* | 0.375 0.125 0.0   | 0.375 0.375 0.187 | 49     | 0.375 0.093 0.0   | 35.3 19.2 20.3  | 28.0 46.6  | 0.375 0.125 0.0   | 35.4 27.1 23.0  | 35.5 40.2 8.3   | 43     | 51.3 54.3 74.8   |
| 253 | R00Y_037_025* | 0.375 0.125 0.125 | 0.375 0.25 0.25   | 390    | 0.375 0.124 0.179 | 38.4 17.8 8.5   | 19.8 25.4  | 0.375 0.125 0.125 | 35.7 27.7 16.8  | 32.4 31.2 13.1  | 377    | 71.5 34.1 79.2   |
| 254 | R00Y_037_025* | 0.375 0.125 0.25  | 0.375 0.25 0.25   | 360    | 0.305 0.124 0.375 | 37.2 17.1 -2.3  | 17.3 352.0 | 0.375 0.125 0.25  | 35.9 29.0 9.8   | 30.7 18.7 17.1  | 314    | 68.7 -9.5 69.4   |
| 255 | B50R_037_025* | 0.375 0.125 0.375 | 0.375 0.25 0.25   | 330    | 0.204 0.124 0.375 | 34.6 11.4 -6.9  | 13.3 328.6 | 0.375 0.125 0.375 | 36.1 30.9 2.9   | 31.1 5.4 21.9   | 288    | 35.7 -27.9 53.5  |
| 256 | B34R_050_037* | 0.375 0.125 0.5   | 0.5 0.375 0.312   | 311    | 0.159 0.124 0.5   | 34.2 11.6 -13.5 | 17.8 310.5 | 0.375 0.125 0.5   | 36.8 33.0 -3.0  | 33.2 354.6 24.0 | 274    | 40.9 -36.1 47.6  |
| 257 | B25R_062_050* | 0.375 0.125 0.625 | 0.625 0.5 0.375   | 300    | 0.125 0.152 0.625 | 34.6 11.3 -19.4 | 22.5 300.1 | 0.375 0.125 0.625 | 36.7 34.5 -9.1  | 35.7 345.1 25.5 | 267    | 27.4 -38.9 45.1  |
| 258 | B19R_075_062* | 0.375 0.125 0.75  | 0.75 0.625 0.437  | 293    | 0.125 0.216 0.75  | 36.9 10.6 -24.3 | 26.5 391.5 | 0.375 0.125 0.75  | 37.1 36.1 -15.0 | 39.1 337.4 27.1 | 262    | 33.0 16.9 -39.0  |
| 259 | B15R_087_075* | 0.375 0.125 0.875 | 0.875 0.75 0.5    | 289    | 0.125 0.266 0.875 | 38.9 10.5 -29.3 | 31.1 289.7 | 0.375 0.125 0.875 | 37.6 37.9 -20.1 | 43.0 332.0 28.9 | 259    | 31.8 14.0 -39.0  |
| 260 | B13R_100_087* | 0.375 0.125 1.0   | 1.0 0.875 0.562   | 286    | 0.125 0.318 1.0   | 40.9 10.3 -34.1 | 35.6 286.9 | 0.375 0.125 1.0   | 37.5 39.8 -25.5 | 47.3 327.3 30.8 | 257    | 33.0 11.8 -39.0  |
| 261 | R68Y_037_037* | 0.375 0.25 0.0    | 0.375 0.375 0.187 | 71     | 0.375 0.205 0.0   | 40.6 8.9 26.2   | 27.7 71.1  | 0.375 0.25 0.0    | 40.7 15.0 28.9  | 32.5 6.6 6.3    | 63     | 69.1 23.8 69.9   |
| 262 | R50Y_037_025* | 0.375 0.25 0.125  | 0.375 0.25 0.25   | 60     | 0.375 0.225 0.124 | 42.2 9.3 15.4   | 18.1 58.8  | 0.375 0.25 0.125  | 40.8 16.0 21.5  | 26.9 53.3 9.1   | 53     | 37.4 61.9 72.4   |
| 263 | R00Y_037_012* | 0.375 0.25 0.25   | 0.375 0.125 0.312 | 390    | 0.375 0.249 0.277 | 44.7 8.9 4.2    | 9.9 52.4   | 0.375 0.25 0.25   | 40.8 17.6 13.6  | 22.3 37.7 13.3  | 377    | 71.5 34.1 79.2   |
| 264 | B50R_037_012* | 0.375 0.25 0.375  | 0.375 0.125 0.312 | 330    | 0.289 0.249 0.375 | 42.8 5.7 -3.4   | 6.6 328.6  | 0.375 0.25 0.375  | 41.5 19.0 6.0   | 20.0 17.6 16.4  | 288    | 45.7 -27.9 53.5  |
| 265 | B25R_050_025* | 0.375 0.25 0.5    | 0.5 0.25 0.375    | 300    | 0.249 0.263 0.5   | 42.7 5.6 -9.7   | 11.2 300.1 | 0.375 0.25 0.5    | 42.2 20.9 -1.2  | 20.9 356.6 17.4 | 267    | 27.4 -38.9 45.1  |
| 266 | B15R_062_037* | 0.375 0.25 0.625  | 0.625 0.375 0.437 | 289    | 0.25 0.32 0.625   | 44.9 5.2 -14.6  | 15.5 289.7 | 0.375 0.25 0.625  | 42.6 22.5 -7.5  | 23.8 341.4 18.8 | 259    | 22.6 -39.0 45.1  |
| 267 | B11R_075_050* | 0.375 0.25 0.75   | 0.75 0.5 0.5      | 284    | 0.25 0.37 0.75    | 46.9 5.2 -19.4  | 20.1 285.0 | 0.375 0.25 0.75   | 43.1 24.4 -13.7 | 28.0 330.5 20.3 | 256    | 33.8 10.4 -38.8  |
| 268 | B09R_087_062* | 0.375 0.25 0.875  | 0.875 0.625 0.562 | 281    | 0.25 0.419 0.875  | 48.8 5.2 -24.3  | 24.9 282.1 | 0.375 0.25 0.875  | 43.5 26.8 -19.8 | 33.3 323.5 22.6 | 254    | 34.3 -38.9 39.8  |
| 269 | B07R_100_075* | 0.375 0.25 1.0    | 1.0 0.75 0.625    | 279    | 0.2 0.468 1.0     | 50.8 5.3 -29.2  | 29.7 280.2 | 0.375 0.25 1.0    | 44.0 28.8 -25.0 | 38.2 319.1 24.8 | 253    | 35.5 7.0 -39.0   |
| 270 | Y00G_037_037* | 0.375 0.375 0.0   | 0.375 0.375 0.187 | 90     | 0.375 0.348 0.0   | 46.9 -1.3 32.7  | 32.8 92.3  | 0.375 0.375 0.0   | 44.7 5.6 33.6   | 34.0 80.3 7.3   | 86     | 85.8 -3.5 87.4   |
| 271 | Y00G_037_025* | 0.375 0.375 0.125 | 0.375 0.25 0.25   | 90     | 0.375 0.357 0.124 | 48.2 -0.8 21.8  | 21.8 92.3  | 0.375 0.375 0.125 | 45.3 6.2 25.9   | 26.7 76.4 8.7   | 86     | 85.8 -3.5 87.4   |
| 272 | Y00G_037_012* | 0.375 0.375 0.25  | 0.375 0.125 0.312 | 90     | 0.375 0.366 0.249 | 49.6 -0.4 10.9  | 10.9 92.3  | 0.375 0.375 0.25  | 45.6 7.7 17.2   | 18.8 65.8 11.0  | 86     | 85.8 -3.5 87.4   |
| 273 | NW_037*       | 0.375 0.375 0.375 | 0.375 0.0 0.375   | 360    | 0.375 0.375 0.375 | 50.9 0.0 0.0    | 0.0 0.0    | 0.375 0.375 0.375 | 46.5 9.0 9.2    | 12.9 45.3 13.6  | 360    | 96.4 0.0 0.0     |
| 274 | B00R_050_012* | 0.375 0.375 0.5   | 0.5 0.125 0.437   | 270    | 0.375 0.422 0.5   | 52.8 0.1 -4.8   | 4.8 271.7  | 0.375 0.375 0.5   | 47.0 11.1 0.9   | 11.1 4.7 13.7   | 247    | 38.7 1.1 -38.9   |
| 275 | B00R_062_025* | 0.375 0.375 0.625 | 0.625 0.25 0.5    | 270    | 0.375 0.47 0.625  | 54.7 0.2 -9.7   | 9.7 271.7  | 0.375 0.375 0.625 | 47.6 13.4 -6.0  | 14.7 335.9 15.4 | 247    | 38.7 1.1 -38.9   |
| 276 | B00R_075_037* | 0.375 0.375 0.75  | 0.75 0.375 0.562  | 270    | 0.375 0.517 0.75  | 56.6 0.4 -14.5  | 14.6 271.7 | 0.375 0.375 0.75  | 48.4 15.6 -12.4 | 19.9 321.5 17.3 | 247    | 38.7 1.1 -38.9   |
| 277 | B00R_087_050* | 0.375 0.375 0.875 | 0.875 0.5 0.625   | 270    | 0.375 0.565 0.875 | 58.5 0.5 -19.4  | 19.4 271.7 | 0.375 0.375 0.875 | 49.0 18.0 -18.6 | 25.9 314.0 19.8 | 247    | 38.7 1.1 -38.9   |
| 278 | B00R_100_062* | 0.375 0.375 1.0   | 1.0 0.625 0.687   | 270    | 0.375 0.613 1.0   | 60.3 0.7 -24.3  | 24.3 271.7 | 0.375 0.375 1.0   | 49.7 20.2 -24.2 | 31.5 309.8 22.2 | 247    | 38.7 1.1 -38.9   |
| 279 | Y23G_050_050* | 0.375 0.5 0.0     | 0.5 0.5 0.25      | 104    | 0.29 0.5 0.0      | 48.8 -11.6 34.4 | 36.3 108.6 | 0.375 0.5 0.0     | 50.1 -2.7 39.1  | 39.2 93.9 10.1  | 114    | 58.1 0.0 74.0    |
| 280 | Y31G_050_037* | 0.375 0.5 0.125   | 0.5 0.375 0.312   | 109    | 0.306 0.5 0.124   | 50.1 -10.4 22.9 | 25.2 114.4 | 0.375 0.5 0.125   | 50.4 -2.5 30.2  | 30.3 94.7 10.7  | 121    | 69.9 -27.8 61.3  |
| 281 | Y50G_050_025* | 0.375 0.5 0.25    | 0.5 0.25 0.375    | 120    | 0.331 0.5 0.249   | 51.5 -9.7 12.8  | 16.0 127.2 | 0.375 0.5 0.25    | 50.8 -1.6 20.3  | 20.4 94.6 11.1  | 131    | 62.6 -38.9 51.2  |
| 282 | G00B_050_012* | 0.375 0.5 0.375   | 0.5 0.125 0.437   | 150    | 0.375 0.5 0.389   | 54.2 -7.8 2.5   | 8.2 162.2  | 0.375 0.5 0.375   | 51.5 0.0 11.4   | 11.4 90.3 12.1  | 155    | 50.3 -62.6 20.1  |
| 283 | G50B_050_012* | 0.375 0.5 0.5     | 0.5 0.125 0.437   | 210    | 0.375 0.5 0.47    | 54.9 -4.7 -3.5  | 5.9 216.9  | 0.375 0.5 0.5     | 52.1 2.0 2.8    | 3.4 54.5 9.6    | 197    | 55.4 -37.8 -28.4 |
| 284 | G75B_062_025* | 0.375 0.5 0.625   | 0.625 0.25 0.5    | 240    | 0.375 0.558 0.625 | 57.6 -4.7 -9.9  | 11.0 244.3 | 0.375 0.5 0.625   | 52.7 4.5 -4.9   | 6.7 312.5 11.6  | 224    | 50.5 -19.0 -39.7 |
| 285 | G84B_075_037* | 0.375 0.5 0.75    | 0.75 0.375 0.562  | 251    | 0.375 0.59 0.75   | 59.2 -4.1 -14.8 | 15.4 254.3 | 0.375 0.5 0.75    | 53.5 7.1 -11.8  | 13.8 300.8 12.9 | 235    | 45.8 -11.0 -39.6 |
| 286 | G88B_087_050* | 0.375 0.5 0.875   | 0.875 0.5 0.625   | 256    | 0.375 0.635 0.875 | 61.0 -3.8 -19.7 | 20.1 258.9 | 0.375 0.5 0.875   | 54.3 9.9 -18.1  | 20.6 298.6 15.4 | 238    | 43.9 -7.7 -39.4  |
| 287 | G90B_100_062* | 0.375 0.5 1.0     | 1.0 0.625 0.687   | 259    | 0.375 0.681 1.0   | 62.9 -3.5 -24.5 | 24.8 261.6 | 0.375 0.5 1.0     | 54.7 12.2 -24.2 | 27.1 296.8 17.8 | 240    | 42.7 -5.7 -39.3  |
| 288 | Y38G_062_062* | 0.375 0.625 0.0   | 0.625 0.625 0.312 | 113    | 0.257 0.625 0.0   | 50.7 -19.8 35.6 | 40.8 119.1 | 0.375 0.625 0.0   | 54.8 -12.9 44.1 | 46.0 106.2 11.7 | 125    | 67.0 -31.7 57.0  |
| 289 | Y50G_062_050* | 0.375 0.625 0.125 | 0.625 0.5 0.375   | 120    | 0.287 0.625 0.125 | 52.2 -19.4 25.6 | 32.1 127.2 | 0.3               |                 |                 |        |                  |

http://130.149.60.45/~farbmetrik/SE18/SE18L0NA.TXT /.PS; transfer output  
N: no 3D-linearization (OL) in file (F) or PS-startup (S), page 24/33

see similar files: <http://130.149.60.45/~farbmetrik/SE18/SE18.HTM>  
technical information: <http://www.ps.bam.de> or <http://130.149.60.45/~farbmetrik>

| n   | HIC*Fe        | rgb_Fe | ict_Fe | hsi_Fe | rgb*Fe | LabCh*Fe | rgb*Fe | LabCh*Fe | DE*Fe | hsi_Me | rgb*Me | LabCh*Me |
|-----|---------------|--------|--------|--------|--------|----------|--------|----------|-------|--------|--------|----------|
| 324 | R00Y_050_050a | 0.5    | 0.0    | 0.0    | 0.5    | 0.5      | 0.109  | 35.1     | 35.7  | 17.0   | 39.6   | 25.4     |
| 325 | R26Y_050_050a | 0.5    | 0.0    | 0.125  | 0.5    | 0.5      | 0.314  | 35.2     | 37.5  | 6.5    | 38.1   | 9.8      |
| 326 | R00Y_050_050a | 0.5    | 0.0    | 0.25   | 0.5    | 0.5      | 0.25   | 36.7     | 34.3  | -4.7   | 34.7   | 352.0    |
| 327 | B61R_050_050a | 0.5    | 0.0    | 0.375  | 0.5    | 0.5      | 0.375  | 30.3     | 28.9  | -9.4   | 30.4   | 341.8    |
| 328 | B50R_050_050a | 0.5    | 0.0    | 0.5    | 0.5    | 0.5      | 0.5    | 27.5     | 22.8  | -13.9  | 26.7   | 328.6    |
| 329 | B40R_062_062a | 0.5    | 0.0    | 0.625  | 0.625  | 0.625    | 0.312  | 31.9     | 20.3  | -20.6  | 30.9   | 318.1    |
| 330 | B34R_075_075a | 0.5    | 0.0    | 0.75   | 0.75   | 0.75     | 0.375  | 31.1     | 20.7  | -23.2  | 27.1   | 310.5    |
| 331 | B29R_087_087a | 0.5    | 0.0    | 0.875  | 0.875  | 0.875    | 0.437  | 30.5     | 0.012 | 0.0    | 0.875  | 25.8     |
| 332 | B25R_100_100a | 0.5    | 0.0    | 1.0    | 1.0    | 1.0      | 0.5    | 30.0     | 0.0   | 0.055  | 1.0    | 27.4     |
| 333 | R23Y_050_050a | 0.5    | 0.125  | 0.0    | 0.5    | 0.5      | 0.25   | 44       | 0.5   | 0.084  | 0.0    | 37.3     |
| 334 | R00Y_050_037a | 0.5    | 0.125  | 0.125  | 0.5    | 0.375    | 0.312  | 390      | 0.5   | 0.124  | 0.207  | 41.3     |
| 335 | R18Y_050_037a | 0.5    | 0.125  | 0.25   | 0.5    | 0.375    | 0.312  | 371      | 0.5   | 0.124  | 0.428  | 41.5     |
| 336 | B65R_050_037a | 0.5    | 0.125  | 0.375  | 0.5    | 0.375    | 0.312  | 349      | 0.348 | 0.124  | 0.5    | 38.3     |
| 337 | B50R_050_037a | 0.5    | 0.125  | 0.5    | 0.5    | 0.375    | 0.312  | 330      | 0.244 | 0.124  | 0.5    | 35.6     |
| 338 | B38R_062_050a | 0.5    | 0.125  | 0.625  | 0.625  | 0.5      | 0.375  | 316      | 0.204 | 0.125  | 0.625  | 35.2     |
| 339 | B30R_075_062a | 0.5    | 0.125  | 0.75   | 0.75   | 0.625    | 0.437  | 307      | 0.15  | 0.125  | 0.75   | 34.6     |
| 340 | B25R_087_075a | 0.5    | 0.125  | 0.875  | 0.875  | 0.75     | 0.5    | 300      | 0.125 | 0.166  | 0.875  | 35.6     |
| 341 | B20R_100_087a | 0.5    | 0.125  | 1.0    | 1.0    | 0.875    | 0.562  | 295      | 0.125 | 0.234  | 1.0    | 37.9     |
| 342 | R50Y_050_050a | 0.5    | 0.25   | 0.0    | 0.5    | 0.5      | 0.25   | 60       | 0.5   | 0.2    | 0.0    | 42.6     |
| 343 | R31Y_050_037a | 0.5    | 0.25   | 0.125  | 0.5    | 0.375    | 0.312  | 49       | 0.5   | 0.218  | 0.124  | 44.4     |
| 344 | R00Y_050_025a | 0.5    | 0.25   | 0.25   | 0.5    | 0.25     | 0.375  | 390      | 0.5   | 0.249  | 0.304  | 47.5     |
| 345 | R00Y_050_025a | 0.5    | 0.25   | 0.375  | 0.5    | 0.25     | 0.375  | 360      | 0.43  | 0.249  | 0.5    | 46.4     |
| 346 | B50R_050_025a | 0.5    | 0.25   | 0.5    | 0.5    | 0.25     | 0.375  | 330      | 0.329 | 0.249  | 0.5    | 43.8     |
| 347 | B34R_062_037a | 0.5    | 0.25   | 0.625  | 0.625  | 0.375    | 0.437  | 311      | 0.084 | 0.25   | 0.625  | 43.3     |
| 348 | B25R_075_050a | 0.5    | 0.25   | 0.75   | 0.75   | 0.5      | 0.5    | 300      | 0.25  | 0.277  | 0.75   | 43.7     |
| 349 | B19R_087_062a | 0.5    | 0.25   | 0.875  | 0.875  | 0.625    | 0.562  | 293      | 0.25  | 0.277  | 0.875  | 46.0     |
| 350 | B15R_100_075a | 0.5    | 0.25   | 1.0    | 1.0    | 0.75     | 0.625  | 289      | 0.25  | 0.391  | 1.0    | 48.0     |
| 351 | R76Y_050_050a | 0.5    | 0.375  | 0.0    | 0.5    | 0.5      | 0.25   | 76       | 0.5   | 0.305  | 0.0    | 48.1     |
| 352 | R68Y_050_037a | 0.5    | 0.375  | 0.125  | 0.5    | 0.375    | 0.312  | 71       | 0.5   | 0.33   | 0.124  | 49.8     |
| 353 | R50Y_050_025a | 0.5    | 0.375  | 0.25   | 0.5    | 0.25     | 0.375  | 60       | 0.5   | 0.35   | 0.249  | 51.3     |
| 354 | R00Y_050_012a | 0.5    | 0.375  | 0.375  | 0.5    | 0.125    | 0.437  | 390      | 0.5   | 0.375  | 0.402  | 53.8     |
| 355 | B50R_050_012a | 0.5    | 0.375  | 0.5    | 0.5    | 0.125    | 0.437  | 330      | 0.414 | 0.375  | 0.5    | 51.9     |
| 356 | B25R_062_025a | 0.5    | 0.375  | 0.625  | 0.625  | 0.25     | 0.5    | 300      | 0.375 | 0.388  | 0.625  | 51.9     |
| 357 | B15R_075_037a | 0.5    | 0.375  | 0.75   | 0.75   | 0.375    | 0.562  | 289      | 0.375 | 0.445  | 0.75   | 54.0     |
| 358 | B11R_087_050a | 0.5    | 0.375  | 0.875  | 0.875  | 0.5      | 0.625  | 284      | 0.375 | 0.495  | 0.875  | 56.0     |
| 359 | B09R_100_062a | 0.5    | 0.375  | 1.0    | 1.0    | 0.625    | 0.687  | 281      | 0.375 | 0.544  | 1.0    | 57.9     |
| 360 | Y00G_050_050a | 0.5    | 0.5    | 0.0    | 0.5    | 0.5      | 0.25   | 90       | 0.5   | 0.465  | 0.0    | 54.7     |
| 361 | Y00G_050_037a | 0.5    | 0.5    | 0.125  | 0.5    | 0.375    | 0.312  | 90       | 0.5   | 0.473  | 0.124  | 56.0     |
| 362 | Y00G_050_025a | 0.5    | 0.5    | 0.25   | 0.5    | 0.25     | 0.375  | 90       | 0.5   | 0.482  | 0.249  | 57.3     |
| 363 | Y00G_050_012a | 0.5    | 0.5    | 0.375  | 0.5    | 0.125    | 0.437  | 90       | 0.5   | 0.491  | 0.375  | 58.7     |
| 364 | NW_050a       | 0.5    | 0.5    | 0.5    | 0.5    | 0.0      | 0.5    | 360      | 0.5   | 0.5    | 0.5    | 60.0     |
| 365 | B00R_062_012a | 0.5    | 0.5    | 0.625  | 0.625  | 0.125    | 0.562  | 270      | 0.5   | 0.547  | 0.625  | 61.9     |
| 366 | B00R_075_025a | 0.5    | 0.5    | 0.75   | 0.75   | 0.25     | 0.625  | 270      | 0.5   | 0.595  | 0.75   | 63.8     |
| 367 | B00R_087_037a | 0.5    | 0.5    | 0.875  | 0.875  | 0.375    | 0.687  | 270      | 0.5   | 0.642  | 0.875  | 65.7     |
| 368 | B00R_100_050a | 0.5    | 0.5    | 1.0    | 1.0    | 0.5      | 0.75   | 270      | 0.5   | 0.69   | 1.0    | 67.6     |
| 369 | Y18G_062_062a | 0.5    | 0.625  | 0.0    | 0.625  | 0.625    | 0.312  | 101      | 0.402 | 0.625  | 0.0    | 56.7     |
| 370 | Y23G_062_050a | 0.5    | 0.625  | 0.125  | 0.625  | 0.5      | 0.375  | 104      | 0.415 | 0.625  | 0.125  | 57.9     |
| 371 | Y31G_062_037a | 0.5    | 0.625  | 0.25   | 0.625  | 0.375    | 0.437  | 109      | 0.431 | 0.625  | 0.25   | 59.2     |
| 372 | Y50G_062_025a | 0.5    | 0.625  | 0.375  | 0.625  | 0.25     | 0.5    | 120      | 0.456 | 0.625  | 0.375  | 60.6     |
| 373 | G00B_062_012a | 0.5    | 0.625  | 0.5    | 0.625  | 0.125    | 0.562  | 150      | 0.5   | 0.625  | 0.514  | 63.3     |
| 374 | G50B_062_012a | 0.5    | 0.625  | 0.625  | 0.625  | 0.125    | 0.562  | 210      | 0.5   | 0.625  | 0.595  | 64.0     |
| 375 | G75B_075_025a | 0.5    | 0.625  | 0.75   | 0.75   | 0.25     | 0.625  | 240      | 0.5   | 0.683  | 0.75   | 66.7     |
| 376 | G84B_087_037a | 0.5    | 0.625  | 0.875  | 0.875  | 0.375    | 0.687  | 251      | 0.5   | 0.715  | 0.875  | 68.3     |
| 377 | G88B_100_050a | 0.5    | 0.625  | 1.0    | 1.0    | 0.5      | 0.75   | 256      | 0.5   | 0.76   | 1.0    | 70.2     |
| 378 | Y31G_075_075a | 0.5    | 0.75   | 0.0    | 0.75   | 0.75     | 0.375  | 109      | 0.362 | 0.75   | 0.0    | 58.3     |
| 379 | Y38G_075_062a | 0.5    | 0.75   | 0.125  | 0.75   | 0.625    | 0.437  | 113      | 0.382 | 0.75   | 0.125  | 59.8     |
| 380 | Y50G_075_050a | 0.5    | 0.75   | 0.25   | 0.75   | 0.5      | 0.5    | 120      | 0.412 | 0.75   | 0.25   | 61.3     |
| 381 | Y68G_075_037a | 0.5    | 0.75   | 0.375  | 0.75   | 0.375    | 0.562  | 131      | 0.45  | 0.75   | 0.375  | 63.3     |
| 382 | G00B_075_025a | 0.5    | 0.75   | 0.5    | 0.75   | 0.25     | 0.625  | 150      | 0.5   | 0.75   | 0.528  | 66.7     |
| 383 | G25B_075_025a | 0.5    | 0.75   | 0.625  | 0.75   | 0.25     | 0.625  | 180      | 0.5   | 0.75   | 0.617  | 67.3     |
| 384 | G50B_075_025a | 0.5    | 0.75   | 0.75   | 0.75   | 0.25     | 0.625  | 210      | 0.5   | 0.75   | 0.691  | 68.0     |
| 385 | G65B_087_037a | 0.5    | 0.75   | 0.875  | 0.875  | 0.375    | 0.687  | 229      | 0.5   | 0.864  | 0.875  | 72.3     |
| 386 | G75B_100_050a | 0.5    | 0.75   | 1.0    | 1.0    | 0.5      | 0.75   | 240      | 0.5   | 0.867  | 1.0    | 73.4     |
| 387 | Y41G_087_087a | 0.5    | 0.875  | 0.0    | 0.875  | 0.875    | 0.437  | 115      | 0.33  | 0.875  | 0.0    | 60.2     |
| 388 | Y50G_087_075a | 0.5    | 0.875  | 0.125  | 0.875  | 0.75     | 0.5    | 120      | 0.368 | 0.875  | 0.125  | 62.0     |
| 389 | Y61G_087_062a | 0.5    | 0.875  | 0.25   | 0.875  | 0.625    | 0.562  | 127      | 0.402 | 0.875  | 0.25   | 63.7     |
| 390 | Y76G_087_050a | 0.5    | 0.875  | 0.375  | 0.875  | 0.5      | 0.625  | 136      | 0.441 | 0.875  | 0.375  | 66.3     |
| 391 | G00B_087_037a | 0.5    | 0.875  | 0.5    | 0.875  | 0.375    | 0.687  | 150      | 0.5   | 0.875  | 0.542  | 70.0     |
| 392 | G15B_087_037a | 0.5    | 0.875  | 0.625  | 0.875  | 0.375    | 0.687  | 169      | 0.5   | 0.875  | 0.635  | 70.6     |
| 393 | G34B_087_037a | 0.5    | 0.875  | 0.75   | 0.875  | 0.375    | 0.687  | 191      | 0.5   | 0.875  | 0.714  | 71.3     |
| 394 | G50B_087_037a | 0.5    | 0.875  | 0.875  | 0.875  | 0.375    | 0.687  | 210      | 0.5   | 0.875  | 0.787  | 71.9     |
| 395 | G61B_100_050a | 0.5    | 0.875  | 1.0    | 1.0    | 0.5      | 0.75   | 224      | 0.5   | 1.0    | 0.973  | 76.5     |
| 396 | Y50G_100_100a | 0.5    | 1.0    | 0.0    | 1.0    | 1.0      | 0.5    | 120      | 0.325 | 1.0    | 0.0    | 62.6     |
| 397 | Y58G_100_087a | 0.5    | 1.0    | 0.125  | 1.0    | 0.875    | 0.562  | 125      | 0.364 | 1.0    | 0.125  | 64.4     |
| 398 | Y68G_100_075a | 0.5    | 1.0    | 0.25   | 1.0    | 0.75     | 0.625  | 131      | 0.4   | 1.0    | 0.25   | 66.7     |
| 399 | Y81G_100_062a | 0.5    | 1.0    | 0.375  | 1.0    | 0.625    | 0.687  | 139      | 0.431 | 1.0    | 0.375  | 69.2     |
| 400 | G00B_100_050a | 0.5    | 1.0    | 0.5    | 1.0    | 0.5      | 0.75   | 150      | 0.5   | 1.0    | 0.556  | 73.4     |
| 401 | G11B_100_050a | 0.5    | 1.0    | 0.625  | 1.0    | 0.5      | 0.75   | 164      | 0.5   | 1.0    | 0.652  | 73.9     |
| 402 | G25B_100_050a | 0.5    | 1.0    | 0.75   | 1.0    | 0.5      | 0.75   | 186      | 0.5   | 1.0    | 0.734  | 74.6     |
| 403 | G38B_100_050a | 0.5    | 1.0    | 0.875  | 1.0    | 0.5      | 0.75   | 196      | 0.5   | 1.0    | 0.81   | 75.3     |
| 404 | G50B_100_050a | 0.5    | 1.0    | 1.0    | 1.0    | 0.5      | 0.75   | 210      | 0.5   | 1.0    | 0.883  | 75.9     |

1-0132331-F0

SE180-7N, Page 24/33-F

TUB-test chart SE18; 1080 colours, offset standard paper  
colors and differences,  $\Delta E^*$ , 3D=0, de=1, *cmY0*

input: *rgb/cmyk* -> *rgb*<sub>e</sub>  
output: transfer to *cmY0*<sub>e</sub>

1-0132331-F0

TUB registration: 20130201-SE18/SE18L0NA.TXT /.PS  
application for measurement of offset print output, separation<sub>cmY0</sub> (CMY0)

TUB material: code=rha4ta

Mean color difference of this page:  $\Delta E^* = 14.7$

http://130.149.60.45/~farbmetrik/SE18/SE18L0NA.TXT /.PS; transfer output  
N: no 3D-linearization (OL) in file (F) or PS-startup (S), page 25/33

see similar files: <http://130.149.60.45/~farbmetrik/SE18/SE18L0NA.TXT> /.PS  
technical information: <http://www.ps.bam.de> or <http://130.149.60.45/~farbmetrik>

| n   | HIC* <sub>Fe</sub> | rgb_Fe            | ict_Fe            | hsi_Fe | rgb* <sub>Fe</sub> | LabCh* <sub>Fe</sub> | rgb** <sub>Fe</sub> | LabCh** <sub>Fe</sub> | DE** <sub>Fe</sub> | hsi <sub>Me</sub> | rgb* <sub>Me</sub> | LabCh* <sub>Me</sub> |
|-----|--------------------|-------------------|-------------------|--------|--------------------|----------------------|---------------------|-----------------------|--------------------|-------------------|--------------------|----------------------|
| 405 | R00Y_062_062a      | 0.625 0.0 0.0     | 0.625 0.625 0.312 | 390    | 0.625 0.0 0.137    | 37.9 44.7 21.3       | 0.625 0.0 0.0       | 38.2 53.2 29.9        | 61.1 29.3 12.1     | 377               | 1.0 0.0 0.219      | 46.6 71.5 34.1       |
| 406 | R31Y_062_062a      | 0.625 0.0 0.125   | 0.625 0.625 0.312 | 379    | 0.625 0.0 0.333    | 38.1 46.4 10.9       | 0.625 0.0 0.125     | 38.2 53.9 24.8        | 59.3 24.6 15.7     | 357               | 1.0 0.0 0.533      | 46.8 74.3 17.4       |
| 407 | R11Y_062_062a      | 0.625 0.0 0.25    | 0.625 0.625 0.312 | 367    | 0.625 0.0 0.616    | 38.3 48.9 -0.1       | 0.625 0.0 0.25      | 38.2 54.9 18.6        | 58.0 18.7 19.7     | 330               | 1.0 0.0 0.986      | 47.1 78.2 -0.1       |
| 408 | B69R_062_062a      | 0.625 0.0 0.375   | 0.625 0.625 0.312 | 353    | 0.422 0.0 0.625    | 34.2 -4.7 -7.0       | 0.625 0.0 0.375     | 38.3 56.3 11.5        | 57.5 11.5 24.0     | 311               | 0.676 0.0 1.0      | 40.6 66.7 -11.2      |
| 409 | B59R_062_062a      | 0.625 0.0 0.5     | 0.625 0.625 0.312 | 341    | 0.293 0.0 0.625    | 31.3 34.4 -13.1      | 0.625 0.0 0.5       | 38.4 57.9 5.7         | 58.2 5.7 31.0      | 298               | 0.47 0.0 1.0       | 35.9 55.1 -21.1      |
| 410 | B50R_062_062a      | 0.625 0.0 0.625   | 0.625 0.625 0.312 | 330    | 0.199 0.0 0.625    | 28.5 28.5 -17.4      | 0.625 0.0 0.625     | 38.5 59.4 0.5         | 59.4 0.5 37.1      | 288               | 0.319 0.0 1.0      | 31.5 45.7 -27.9      |
| 411 | B42R_075_075a      | 0.625 0.0 0.75    | 0.75 0.75 0.375   | 321    | 0.167 0.0 0.75     | 27.7 28.7 -24.0      | 0.625 0.0 0.75      | 39.0 61.4 -4.0        | 61.5 356.2 39.9    | 282               | 0.223 0.0 1.0      | 29.1 38.3 -32.1      |
| 412 | B36R_087_087a      | 0.625 0.0 0.875   | 0.875 0.875 0.375 | 314    | 0.115 0.0 0.875    | 27.8 28.9 -30.5      | 0.625 0.0 0.875     | 39.2 63.4 -8.4        | 64.0 352.3 42.5    | 276               | 0.132 0.0 1.0      | 28.5 33.0 -34.9      |
| 413 | B31R_100_100a      | 0.625 0.0 1.0     | 1.0 1.0 0.5       | 308    | 0.053 0.0 1.0      | 26.9 28.9 -37.3      | 0.625 0.0 1.0       | 39.1 64.4 -13.1       | 65.7 348.4 44.7    | 272               | 0.053 0.0 1.0      | 26.9 28.9 -37.3      |
| 414 | R18Y_062_062a      | 0.625 0.125 0.0   | 0.625 0.625 0.312 | 41     | 0.625 0.072 0.0    | 39.9 39.2 30.3       | 0.625 0.125 0.0     | 41.6 44.9 33.9        | 56.2 37.0 6.9      | 36                | 1.0 0.115 0.0      | 49.7 62.7 48.5       |
| 415 | R00Y_062_050a      | 0.625 0.125 0.125 | 0.625 0.5 0.375   | 390    | 0.625 0.125 0.234  | 44.2 35.7 17.0       | 0.625 0.125 0.125   | 42.2 44.7 27.6        | 52.5 31.7 14.0     | 377               | 1.0 0.0 0.219      | 46.6 71.5 34.1       |
| 416 | R26Y_062_050a      | 0.625 0.125 0.25  | 0.625 0.5 0.375   | 376    | 0.625 0.125 0.439  | 44.3 37.5 6.5        | 0.625 0.125 0.25    | 42.2 45.9 20.9        | 50.5 24.4 16.7     | 351               | 1.0 0.0 0.628      | 46.9 75.1 13.0       |
| 417 | R00Y_062_050a      | 0.625 0.125 0.375 | 0.625 0.5 0.375   | 360    | 0.485 0.125 0.625  | 41.8 34.3 -4.7       | 0.625 0.125 0.375   | 42.5 47.0 13.4        | 48.9 15.9 22.2     | 314               | 0.721 0.0 1.0      | 41.9 68.7 -9.5       |
| 418 | B61R_062_050a      | 0.625 0.125 0.5   | 0.625 0.5 0.375   | 344    | 0.384 0.125 0.625  | 39.4 28.9 -9.4       | 0.625 0.125 0.5     | 42.7 48.3 6.6         | 48.7 7.8 25.4      | 301               | 0.519 0.0 1.0      | 37.1 57.8 -18.9      |
| 419 | B50R_062_050a      | 0.625 0.125 0.625 | 0.625 0.5 0.375   | 330    | 0.284 0.125 0.625  | 36.6 22.8 -13.9      | 0.625 0.125 0.625   | 43.0 49.9 1.0         | 49.9 1.2 31.6      | 288               | 0.319 0.0 1.0      | 31.5 45.7 -27.9      |
| 420 | B40R_075_062a      | 0.625 0.125 0.75  | 0.75 0.625 0.437  | 319    | 0.248 0.125 0.75   | 36.0 23.0 -20.6      | 0.625 0.125 0.75    | 43.9 51.3 -4.0        | 51.5 355.5 33.7    | 280               | 0.197 0.0 1.0      | 28.9 36.8 -32.9      |
| 421 | B34R_087_075a      | 0.625 0.125 0.875 | 0.875 0.75 0.5    | 311    | 0.194 0.125 0.875  | 35.8 23.2 -27.1      | 0.625 0.125 0.875   | 43.9 53.3 -9.5        | 54.2 349.8 35.8    | 274               | 0.092 0.0 1.0      | 27.7 30.9 -36.1      |
| 422 | B29R_100_087a      | 0.625 0.125 1.0   | 1.0 0.875 0.562   | 305    | 0.137 0.125 1.0    | 34.9 23.4 -33.6      | 0.625 0.125 1.0     | 44.3 54.7 -14.1       | 56.5 345.5 38.0    | 270               | 0.013 0.0 1.0      | 26.1 26.8 -38.4      |
| 423 | R38Y_062_062a      | 0.625 0.25 0.0    | 0.625 0.625 0.312 | 53     | 0.625 0.19 0.0     | 44.6 28.9 35.8       | 0.625 0.25 0.0      | 46.5 33.3 39.4        | 51.7 49.8 6.0      | 47                | 1.0 0.305 0.0      | 57.3 46.3 57.3       |
| 424 | R23Y_062_050a      | 0.625 0.25 0.125  | 0.625 0.5 0.375   | 44     | 0.625 0.209 0.125  | 46.7 29.2 25.4       | 0.625 0.25 0.125    | 47.1 33.3 32.3        | 46.5 44.1 8.0      | 39                | 1.0 0.168 0.0      | 51.6 58.4 50.9       |
| 425 | R00Y_062_037a      | 0.625 0.25 0.25   | 0.625 0.375 0.437 | 390    | 0.625 0.25 0.332   | 50.4 26.8 12.7       | 0.625 0.25 0.25     | 47.8 33.6 24.3        | 41.5 35.8 13.6     | 377               | 1.0 0.0 0.219      | 46.6 71.5 34.1       |
| 426 | R18Y_062_037a      | 0.625 0.25 0.375  | 0.625 0.375 0.437 | 371    | 0.625 0.25 0.553   | 50.6 28.8 2.1        | 0.625 0.25 0.375    | 48.1 34.7 16.6        | 38.5 25.6 15.8     | 340               | 1.0 0.0 0.809      | 47.0 76.8 5.8        |
| 427 | B65R_062_037a      | 0.625 0.25 0.5    | 0.625 0.375 0.437 | 349    | 0.473 0.25 0.625   | 47.4 23.4 -5.5       | 0.625 0.25 0.5      | 48.5 36.2 8.9         | 37.3 13.8 19.3     | 306               | 0.595 0.0 1.0      | 38.6 62.6 -14.9      |
| 428 | B50R_062_037a      | 0.625 0.25 0.625  | 0.625 0.375 0.437 | 330    | 0.369 0.25 0.625   | 44.7 17.1 -10.4      | 0.625 0.25 0.625    | 48.9 37.3 2.4         | 37.4 3.7 24.3      | 288               | 0.319 0.0 1.0      | 31.5 45.7 -27.9      |
| 429 | B38R_075_050a      | 0.625 0.25 0.75   | 0.75 0.5 0.5      | 316    | 0.329 0.25 0.75    | 44.3 17.2 -17.0      | 0.625 0.25 0.75     | 50.0 38.3 -3.6        | 38.4 354.6 25.6    | 278               | 0.158 0.0 1.0      | 28.6 34.5 -34.1      |
| 430 | B30R_087_062a      | 0.625 0.25 0.875  | 0.875 0.625 0.562 | 307    | 0.275 0.25 0.875   | 43.7 17.6 -23.5      | 0.625 0.25 0.875    | 50.6 40.5 -8.9        | 41.5 347.5 28.0    | 272               | 0.04 0.0 1.0       | 26.6 28.2 -37.7      |
| 431 | B25R_100_075a      | 0.625 0.25 1.0    | 1.0 0.75 0.625    | 300    | 0.25 0.291 1.0     | 44.7 17.0 -29.2      | 0.625 0.25 1.0      | 50.7 41.7 -14.5       | 44.1 340.7 29.3    | 267               | 0.0 0.055 1.0      | 27.4 22.6 -38.9      |
| 432 | R61Y_062_062a      | 0.625 0.375 0.0   | 0.625 0.625 0.312 | 67     | 0.625 0.311 0.0    | 50.2 17.9 41.6       | 0.625 0.375 0.0     | 52.3 20.6 46.2        | 50.6 65.9 5.7      | 59                | 1.0 0.497 0.0      | 66.3 28.7 66.6       |
| 433 | R50Y_062_050a      | 0.625 0.375 0.125 | 0.625 0.5 0.375   | 60     | 0.625 0.325 0.125  | 51.7 18.7 30.9       | 0.625 0.375 0.125   | 52.4 22.1 37.4        | 43.4 59.3 7.2      | 53                | 1.0 0.401 0.0      | 61.7 37.4 61.9       |
| 434 | R31Y_062_037a      | 0.625 0.375 0.25  | 0.625 0.375 0.437 | 49     | 0.625 0.343 0.25   | 53.5 19.2 20.3       | 0.625 0.375 0.25    | 52.5 23.6 28.1        | 36.7 49.9 8.9      | 43                | 1.0 0.25 0.0       | 54.8 51.3 54.3       |
| 435 | R00Y_062_025a      | 0.625 0.375 0.375 | 0.625 0.25 0.5    | 390    | 0.625 0.375 0.429  | 56.6 17.8 8.5        | 0.625 0.375 0.375   | 53.3 24.0 19.4        | 30.9 38.9 13.0     | 377               | 1.0 0.0 0.219      | 46.6 71.5 34.1       |
| 436 | R00Y_062_025a      | 0.625 0.375 0.5   | 0.625 0.25 0.5    | 360    | 0.555 0.375 0.625  | 55.5 17.1 -2.3       | 0.625 0.375 0.5     | 53.7 25.4 11.2        | 27.8 23.8 16.0     | 314               | 0.721 0.0 1.0      | 41.9 68.7 -9.5       |
| 437 | B50R_062_025a      | 0.625 0.375 0.625 | 0.625 0.25 0.5    | 330    | 0.454 0.375 0.625  | 52.9 11.4 -6.9       | 0.625 0.375 0.625   | 54.1 27.2 3.7         | 27.5 7.8 19.1      | 288               | 0.319 0.0 1.0      | 31.5 45.7 -27.9      |
| 438 | B34R_075_037a      | 0.625 0.375 0.75  | 0.75 0.375 0.562  | 311    | 0.409 0.375 0.75   | 52.5 11.6 -13.5      | 0.625 0.375 0.75    | 55.2 28.9 -2.8        | 29.0 354.3 20.5    | 274               | 0.092 0.0 1.0      | 27.7 30.9 -36.1      |
| 439 | B25R_087_050a      | 0.625 0.375 0.875 | 0.875 0.5 0.625   | 300    | 0.375 0.402 0.875  | 52.8 11.3 -19.4      | 0.625 0.375 0.875   | 55.7 30.0 -9.2        | 31.4 342.9 21.5    | 267               | 0.0 0.055 1.0      | 27.4 22.6 -38.9      |
| 440 | B19R_100_062a      | 0.625 0.375 1.0   | 1.0 0.625 0.687   | 293    | 0.375 0.466 1.0    | 55.1 10.6 -24.3      | 0.625 0.375 1.0     | 56.0 30.5 -15.3       | 34.2 333.4 21.9    | 262               | 0.0 0.146 1.0      | 30.3 16.9 -39.0      |
| 441 | R81Y_062_062a      | 0.625 0.5 0.0     | 0.625 0.625 0.312 | 79     | 0.625 0.413 0.0    | 55.8 8.3 47.6        | 0.625 0.5 0.0       | 57.5 10.6 52.2        | 53.2 78.5 5.3      | 70                | 1.0 0.661 0.0      | 75.1 13.3 76.2       |
| 442 | R76Y_062_050a      | 0.625 0.5 0.125   | 0.625 0.5 0.375   | 76     | 0.625 0.43 0.125   | 57.2 8.6 36.8        | 0.625 0.5 0.125     | 58.0 10.9 42.5        | 43.9 75.5 6.2      | 67                | 1.0 0.611 0.0      | 72.7 17.3 73.6       |
| 443 | R68Y_062_037a      | 0.625 0.5 0.25    | 0.625 0.375 0.437 | 71     | 0.625 0.455 0.25   | 58.9 8.9 26.2        | 0.625 0.5 0.25      | 58.4 12.1 32.4        | 34.6 69.4 6.9      | 63                | 1.0 0.548 0.0      | 69.1 23.8 69.9       |
| 444 | R50Y_062_025a      | 0.625 0.5 0.375   | 0.625 0.25 0.5    | 60     | 0.625 0.475 0.375  | 60.4 9.3 15.4        | 0.625 0.5 0.375     | 58.8 14.0 22.1        | 26.2 57.6 8.3      | 53                | 1.0 0.401 0.0      | 61.7 37.4 61.9       |
| 445 | R00Y_062_012a      | 0.625 0.5 0.5     | 0.625 0.125 0.562 | 390    | 0.625 0.5 0.527    | 62.9 8.9 4.2         | 0.625 0.5 0.5       | 59.4 15.3 13.3        | 20.3 41.0 11.7     | 377               | 1.0 0.0 0.219      | 46.6 71.5 34.1       |
| 446 | B50R_062_012a      | 0.625 0.5 0.625   | 0.625 0.125 0.562 | 330    | 0.539 0.5 0.625    | 61.0 5.7 -3.4        | 0.625 0.5 0.625     | 59.7 17.5 5.2         | 18.2 16.6 14.7     | 288               | 0.319 0.0 1.0      | 31.5 45.7 -27.9      |
| 447 | B25R_075_025a      | 0.625 0.5 0.75    | 0.75 0.25 0.625   | 300    | 0.5 0.513 0.75     | 61.0 5.6 -9.7        | 0.625 0.5 0.75      | 60.7 18.9 -2.3        | 19.1 352.8 15.2    | 267               | 0.0 0.055 1.0      | 27.4 22.6 -38.9      |
| 448 | B15R_087_037a      | 0.625 0.5 0.875   | 0.875 0.375 0.687 | 289    | 0.5 0.57 0.875     | 63.1 5.2 -14.6       | 0.625 0.5 0.875     | 61.3 20.0 -9.1        | 22.0 335.5 15.8    | 259               | 0.0 0.188 1.0      | 31.8 14.0 -39.0      |
| 449 | B11R_100_050a      | 0.625 0.5 1.0     | 1.0 0.5 0.75      | 284    | 0.5 0.62 1.0       | 65.1 5.2 -19.4       | 0.625 0.5 1.0       | 61.8 21.8 -15.1       | 26.5 325.2 17.4    | 256               | 0.0 0.241 1.0      | 33.8 10.4 -38.8      |
| 450 | Y00G_062_062a      | 0.625 0.625 0.0   | 0.625 0.625 0.312 | 90     | 0                  |                      |                     |                       |                    |                   |                    |                      |

http://130.149.60.45/~farbmetrik/SE18/SE18L0NA.TXT /.PS; transfer output  
N: no 3D-linearization (OL) in file (F) or PS-startup (S), page 26/33

SE1801A

TUB registration: 20130201-SE18/SE18L0NA.TXT /.PS  
application for measurement of offset print output, separationcnmy0 (CMY0)

TUB material: code=rha4ta

| n   | HIC*Fe        | rgb_Fe           | ict_Fe            | hsi_Fe | rgb*Fe            | LabCh*Fe        | rgb**Fe    | LabCh**Fe        | DE**Fe          | hsiMe           | rgb*Me | LabCh*Me      |                 |            |
|-----|---------------|------------------|-------------------|--------|-------------------|-----------------|------------|------------------|-----------------|-----------------|--------|---------------|-----------------|------------|
| 486 | R00Y_075_075a | 0.75 0.0 0.0     | 0.75 0.75 0.375   | 390    | 0.75 0.0 0.164    | 40.8 53.6 25.5  | 59.4 25.4  | 0.75 0.0 0.0     | 41.3 59.2 37.0  | 69.8 32.0 12.7  | 377    | 1.0 0.0 0.219 | 46.6 71.5 34.1  | 79.2 25.4  |
| 487 | R35Y_075_075a | 0.75 0.0 0.125   | 0.75 0.75 0.375   | 381    | 0.75 0.0 0.355    | 41.0 55.3 15.2  | 57.3 15.4  | 0.75 0.0 0.125   | 41.5 60.0 31.5  | 67.8 27.7 16.9  | 361    | 1.0 0.0 0.474 | 46.8 73.7 20.3  | 76.5 15.4  |
| 488 | R18Y_075_075a | 0.75 0.0 0.25    | 0.75 0.75 0.375   | 371    | 0.75 0.0 0.607    | 41.1 57.6 4.3   | 57.8 4.3   | 0.75 0.0 0.25    | 41.7 60.9 24.6  | 65.7 22.0 20.5  | 340    | 1.0 0.0 0.809 | 47.0 76.8 5.8   | 77.1 4.3   |
| 489 | R00Y_075_075a | 0.75 0.0 0.375   | 0.75 0.75 0.375   | 360    | 0.54 0.0 0.75     | 37.3 51.5 -7.1  | 52.0 352.0 | 0.75 0.0 0.375   | 41.8 62.3 17.6  | 64.7 15.7 27.3  | 314    | 0.721 0.0 1.0 | 41.9 68.7 -9.5  | 69.4 352.0 |
| 490 | B65R_075_075a | 0.75 0.0 0.5     | 0.75 0.75 0.375   | 349    | 0.446 0.0 0.75    | 34.8 46.9 -11.1 | 48.2 346.6 | 0.75 0.0 0.5     | 41.7 63.7 10.7  | 64.6 9.5 28.4   | 306    | 0.595 0.0 1.0 | 38.6 62.6 -14.9 | 64.3 346.6 |
| 491 | B57R_075_075a | 0.75 0.0 0.625   | 0.75 0.75 0.375   | 339    | 0.326 0.0 0.75    | 32.1 40.0 -16.8 | 43.4 337.1 | 0.75 0.0 0.625   | 41.9 65.2 4.7   | 65.3 4.1 34.6   | 295    | 0.435 0.0 1.0 | 34.9 53.3 -22.4 | 57.8 337.1 |
| 492 | B50R_075_075a | 0.75 0.0 0.75    | 0.75 0.75 0.375   | 330    | 0.239 0.0 0.75    | 29.5 34.3 -20.9 | 40.1 328.6 | 0.75 0.0 0.75    | 42.0 66.4 0.2   | 66.4 0.2 40.4   | 288    | 0.319 0.0 1.0 | 31.5 45.7 -27.9 | 53.5 328.6 |
| 493 | B43R_087_087a | 0.75 0.0 0.875   | 0.875 0.875 0.375 | 322    | 0.206 0.0 0.875   | 28.5 34.2 -27.6 | 44.0 321.0 | 0.75 0.0 0.875   | 42.5 68.2 -4.2  | 68.4 356.4 43.6 | 283    | 0.236 0.0 1.0 | 29.2 39.1 -31.6 | 50.3 321.0 |
| 494 | B38R_100_100a | 0.75 0.0 1.0     | 1.0 1.0 0.5       | 316    | 0.158 0.0 1.0     | 28.6 34.5 -34.1 | 48.6 315.3 | 0.75 0.0 1.0     | 42.7 70.0 -8.4  | 70.5 353.1 46.0 | 278    | 0.158 0.0 1.0 | 28.6 34.5 -34.1 | 48.6 315.3 |
| 495 | R15Y_075_075a | 0.75 0.125 0.0   | 0.75 0.75 0.375   | 39     | 0.75 0.049 0.0    | 42.1 49.5 35.3  | 68.6 35.5  | 0.75 0.125 0.0   | 44.5 50.9 40.7  | 65.2 38.6 6.1   | 33     | 1.0 0.065 0.0 | 48.2 66.0 47.1  | 81.1 35.5  |
| 496 | R00Y_075_062a | 0.75 0.125 0.125 | 0.75 0.625 0.437  | 390    | 0.75 0.125 0.262  | 47.1 44.7 21.3  | 49.5 25.4  | 0.75 0.125 0.125 | 45.5 50.0 34.3  | 60.7 34.4 14.1  | 377    | 1.0 0.0 0.219 | 46.6 71.5 34.1  | 79.2 25.4  |
| 497 | R31Y_075_062a | 0.75 0.125 0.25  | 0.75 0.625 0.437  | 379    | 0.75 0.125 0.458  | 47.2 46.4 10.9  | 47.7 13.2  | 0.75 0.125 0.25  | 45.8 51.1 27.1  | 57.8 27.9 16.9  | 357    | 1.0 0.0 0.533 | 46.8 74.3 17.4  | 76.3 13.2  |
| 498 | R11Y_075_062a | 0.75 0.125 0.375 | 0.75 0.625 0.437  | 367    | 0.75 0.125 0.741  | 47.4 48.9 -0.1  | 48.9 359.8 | 0.75 0.125 0.375 | 46.1 52.1 19.2  | 55.5 20.3 19.7  | 330    | 1.0 0.0 0.986 | 47.1 78.2 -0.1  | 78.2 359.8 |
| 499 | B69R_075_062a | 0.75 0.125 0.5   | 0.75 0.625 0.437  | 353    | 0.547 0.125 0.75  | 43.3 41.7 -7.0  | 42.3 350.4 | 0.75 0.125 0.5   | 46.4 53.4 11.2  | 54.5 11.9 21.9  | 311    | 0.676 0.0 1.0 | 40.6 66.7 -11.2 | 67.7 350.4 |
| 500 | B59R_075_062a | 0.75 0.125 0.625 | 0.75 0.625 0.437  | 341    | 0.418 0.125 0.75  | 40.4 34.4 -13.1 | 36.8 339.0 | 0.75 0.125 0.625 | 46.9 54.2 5.1   | 54.4 5.3 27.7   | 298    | 0.47 0.0 1.0  | 35.9 55.1 -21.1 | 59.0 339.0 |
| 501 | B50R_075_062a | 0.75 0.125 0.75  | 0.75 0.625 0.437  | 330    | 0.324 0.125 0.75  | 37.6 28.5 -17.4 | 33.4 328.6 | 0.75 0.125 0.75  | 47.1 55.5 -0.2  | 55.5 359.7 33.3 | 288    | 0.319 0.0 1.0 | 31.5 45.7 -27.9 | 53.5 328.6 |
| 502 | B42R_087_075a | 0.75 0.125 0.875 | 0.875 0.75 0.5    | 321    | 0.292 0.125 0.875 | 36.8 28.7 -24.0 | 37.5 320.0 | 0.75 0.125 0.875 | 47.6 57.5 -5.0  | 57.7 354.9 36.0 | 282    | 0.223 0.0 1.0 | 29.1 38.3 -32.1 | 50.0 320.0 |
| 503 | B36R_100_087a | 0.75 0.125 1.0   | 1.0 0.875 0.562   | 314    | 0.24 0.125 1.0    | 37.0 28.9 -30.5 | 42.0 313.4 | 0.75 0.125 1.0   | 47.9 59.1 -9.8  | 59.9 350.5 38.2 | 276    | 0.132 0.0 1.0 | 28.5 33.0 -34.9 | 48.0 313.4 |
| 504 | R31Y_075_075a | 0.75 0.25 0.0    | 0.75 0.75 0.375   | 49     | 0.75 0.187 0.0    | 47.0 38.5 40.7  | 56.1 46.6  | 0.75 0.25 0.0    | 49.9 39.3 46.3  | 60.8 49.6 6.2   | 43     | 1.0 0.25 0.0  | 54.8 51.3 54.3  | 74.8 46.6  |
| 505 | R18Y_075_062a | 0.75 0.25 0.125  | 0.75 0.625 0.437  | 41     | 0.75 0.197 0.125  | 49.0 39.2 30.3  | 49.5 37.7  | 0.75 0.25 0.125  | 50.5 39.4 38.4  | 55.0 44.2 8.2   | 36     | 1.0 0.115 0.0 | 49.7 62.7 48.5  | 79.3 37.7  |
| 506 | R00Y_075_050a | 0.75 0.25 0.25   | 0.75 0.5 0.5      | 390    | 0.75 0.25 0.359   | 53.3 35.7 17.0  | 39.6 25.4  | 0.75 0.25 0.25   | 51.4 39.0 30.3  | 49.5 37.8 13.8  | 377    | 1.0 0.0 0.219 | 46.6 71.5 34.1  | 79.2 25.4  |
| 507 | R26Y_075_050a | 0.75 0.25 0.375  | 0.75 0.5 0.5      | 376    | 0.75 0.25 0.564   | 53.4 37.5 6.5   | 38.1 9.8   | 0.75 0.25 0.375  | 52.1 39.7 22.4  | 45.6 29.4 16.0  | 351    | 1.0 0.0 0.628 | 46.9 75.1 13.0  | 76.2 9.8   |
| 508 | R00Y_075_050a | 0.75 0.25 0.5    | 0.75 0.5 0.5      | 360    | 0.61 0.25 0.75    | 50.9 34.3 -9.7  | 34.7 352.0 | 0.75 0.25 0.5    | 52.6 40.9 13.6  | 43.1 18.4 19.6  | 314    | 0.721 0.0 1.0 | 41.9 68.7 -9.5  | 69.4 352.0 |
| 509 | B61R_075_050a | 0.75 0.25 0.625  | 0.75 0.5 0.5      | 344    | 0.509 0.25 0.75   | 48.6 28.9 -9.4  | 30.4 341.8 | 0.75 0.25 0.625  | 53.3 41.8 6.0   | 42.2 8.2 20.7   | 301    | 0.519 0.0 1.0 | 37.1 57.8 -18.9 | 60.8 341.8 |
| 510 | B50R_075_050a | 0.75 0.25 0.75   | 0.75 0.5 0.5      | 330    | 0.409 0.25 0.75   | 45.7 22.8 -13.9 | 26.7 328.6 | 0.75 0.25 0.75   | 53.8 42.9 0.3   | 42.9 0.4 25.9   | 288    | 0.319 0.0 1.0 | 31.5 45.7 -27.9 | 53.5 328.6 |
| 511 | B40R_087_062a | 0.75 0.25 0.875  | 0.875 0.625 0.562 | 319    | 0.373 0.25 0.875  | 45.1 23.0 -20.6 | 30.9 318.1 | 0.75 0.25 0.875  | 54.4 44.9 -5.0  | 45.1 353.6 28.4 | 280    | 0.197 0.0 1.0 | 28.9 36.8 -32.9 | 49.4 318.1 |
| 512 | B34R_100_075a | 0.75 0.25 1.0    | 1.0 0.75 0.625    | 311    | 0.319 0.25 1.0    | 44.9 23.2 -27.1 | 35.7 310.5 | 0.75 0.25 1.0    | 54.8 46.2 -10.2 | 47.3 347.4 30.1 | 274    | 0.092 0.0 1.0 | 27.7 30.9 -36.1 | 47.6 310.5 |
| 513 | R50Y_075_075a | 0.75 0.375 0.0   | 0.75 0.75 0.375   | 60     | 0.75 0.3 0.0      | 52.2 28.0 46.4  | 54.3 58.8  | 0.75 0.375 0.0   | 55.3 28.0 52.1  | 59.1 61.7 6.4   | 53     | 1.0 0.401 0.0 | 61.7 37.4 61.9  | 72.4 58.8  |
| 514 | R38Y_075_062a | 0.75 0.375 0.125 | 0.75 0.625 0.437  | 53     | 0.75 0.315 0.125  | 53.8 28.9 35.8  | 46.0 51.0  | 0.75 0.375 0.125 | 55.7 28.7 42.7  | 51.5 56.1 7.1   | 47     | 1.0 0.305 0.0 | 57.3 46.3 57.3  | 73.7 51.0  |
| 515 | R23Y_075_050a | 0.75 0.375 0.25  | 0.75 0.5 0.5      | 44     | 0.75 0.334 0.25   | 55.8 29.2 25.4  | 38.7 41.0  | 0.75 0.375 0.25  | 56.3 29.4 33.4  | 44.5 48.6 7.9   | 39     | 1.0 0.168 0.0 | 51.6 58.4 50.9  | 77.5 41.0  |
| 516 | R00Y_075_037a | 0.75 0.375 0.375 | 0.75 0.375 0.562  | 390    | 0.75 0.375 0.457  | 59.5 26.8 12.7  | 29.7 25.4  | 0.75 0.375 0.375 | 57.6 29.1 24.0  | 37.8 39.5 11.6  | 377    | 1.0 0.0 0.219 | 46.6 71.5 34.1  | 79.2 25.4  |
| 517 | R18Y_075_037a | 0.75 0.375 0.5   | 0.75 0.375 0.562  | 371    | 0.75 0.375 0.678  | 59.7 28.8 2.1   | 28.9 4.3   | 0.75 0.375 0.5   | 58.2 29.9 16.1  | 34.0 28.2 14.0  | 340    | 1.0 0.0 0.809 | 47.0 76.8 5.8   | 77.1 4.3   |
| 518 | B65R_075_037a | 0.75 0.375 0.625 | 0.75 0.375 0.562  | 349    | 0.598 0.375 0.75  | 56.5 23.4 -5.5  | 24.1 346.6 | 0.75 0.375 0.625 | 59.0 31.1 7.2   | 31.9 13.0 15.1  | 306    | 0.595 0.0 1.0 | 38.6 62.6 -14.9 | 64.3 346.6 |
| 519 | B50R_075_037a | 0.75 0.375 0.75  | 0.75 0.375 0.562  | 330    | 0.494 0.375 0.75  | 53.9 17.1 -10.4 | 20.0 328.6 | 0.75 0.375 0.75  | 59.5 32.3 1.1   | 32.3 2.0 19.9   | 288    | 0.319 0.0 1.0 | 31.5 45.7 -27.9 | 53.5 328.6 |
| 520 | B38R_087_050a | 0.75 0.375 0.875 | 0.875 0.5 0.625   | 316    | 0.454 0.375 0.875 | 53.4 17.2 -17.0 | 24.3 315.3 | 0.75 0.375 0.875 | 60.1 34.6 -4.6  | 34.9 352.2 22.3 | 278    | 0.158 0.0 1.0 | 28.6 34.5 -34.1 | 48.6 315.3 |
| 521 | B30R_100_062a | 0.75 0.375 1.0   | 1.0 0.625 0.687   | 307    | 0.4 0.375 1.0     | 52.8 17.6 -23.5 | 29.4 306.8 | 0.75 0.375 1.0   | 61.0 35.6 -10.2 | 37.0 343.9 23.8 | 272    | 0.04 0.0 1.0  | 26.6 28.2 -37.7 | 47.1 306.8 |
| 522 | R68Y_075_075a | 0.75 0.5 0.0     | 0.75 0.75 0.375   | 71     | 0.75 0.41 0.0     | 57.7 17.9 52.4  | 55.4 71.1  | 0.75 0.5 0.0     | 61.6 16.2 58.4  | 60.6 74.4 7.2   | 63     | 1.0 0.548 0.0 | 69.1 23.8 69.9  | 73.9 71.1  |
| 523 | R61Y_075_062a | 0.75 0.5 0.125   | 0.75 0.625 0.437  | 67     | 0.75 0.436 0.125  | 59.4 17.9 41.6  | 45.3 66.6  | 0.75 0.5 0.125   | 62.3 16.6 48.4  | 51.2 71.0 7.5   | 59     | 1.0 0.497 0.0 | 66.3 28.7 66.6  | 72.5 66.6  |
| 524 | R50Y_075_050a | 0.75 0.5 0.25    | 0.75 0.5 0.5      | 60     | 0.75 0.45 0.25    | 60.8 18.7 30.9  | 36.2 58.8  | 0.75 0.5 0.25    | 62.5 18.2 36.9  | 41.2 63.7 6.2   | 53     | 1.0 0.401 0.0 | 61.7 37.4 61.9  | 72.4 58.8  |
| 525 | R31Y_075_037a | 0.75 0.5 0.375   | 0.75 0.375 0.562  | 49     | 0.75 0.468 0.375  | 62.6 19.2 20.3  | 28.0 46.6  | 0.75 0.5 0.375   | 63.1 19.4 26.9  | 33.1 54.1 6.5   | 43     | 1.0 0.25 0.0  | 54.8 51.3 54.3  | 74.8 46.6  |
| 526 | R00Y_075_025a | 0.75 0.5 0.5     | 0.75 0.25 0.625   | 390    | 0.75 0.5 0.554    | 65.7 17.8 8.5   | 19.8 25.4  | 0.75 0.5 0.5     | 64.3 19.7 17.8  | 26.6 41.9 9.5   | 377    | 1.0 0.0 0.219 | 46.6 71.5 34.1  | 79.2 25.4  |
| 527 | R00Y_075_025a | 0.75 0.5 0.625   | 0.75 0.25 0.625   | 360    | 0.68 0.5 0.75     | 64.6 17.1 -2.3  | 17.3 352.0 | 0.75 0.5 0.625   | 65.0 21.2 9.2   | 23.1 23.5 12.3  | 314    | 0.721 0.0 1.0 | 41.9 68.7 -9.5  | 69.4 352.0 |
| 528 | B50R_075_025a | 0.75 0.5 0.75    | 0.75 0.25 0.625   | 330    | 0.579 0.5 0.75    | 62.0 11.4 -6.9  | 13.3 328.6 | 0.75 0.5 0.75    | 65.5 22.7 2.0   | 22.8 5.0 14.9   | 288    | 0.319 0.0 1.0 | 31.5 45.7 -27.9 | 53.5 328.6 |
| 529 | B34R_087_037a | 0.75 0.5 0.875   | 0.875 0.375 0.687 | 311    | 0.534 0.5 0.875   | 61.6 11.6 -13.5 | 17.8 310.5 | 0.75 0.5 0.875   | 66.5 24.3 -4.4  | 24.7 349.7 16.4 | 274    | 0.092 0.0 1.0 | 27.7 30.9 -36.1 | 47.6 310.5 |
| 530 | B25R_100_050a | 0.75 0.5 1.0     | 1.0 0.5 0.75      | 300    | 0.5 0.527 1.0     | 61.9 11.3 -19.4 | 22.5 300.1 | 0.75 0.5 1.0     | 67.0 25.5 -10.6 | 27.6 337.4 17.5 | 267    | 0.0 0.055 1.0 | 27.4 22.6 -38.9 | 45.1 300.1 |
| 531 | R85Y_075_075a | 0.75 0.625 0.0   | 0.75 0.75 0.375   | 81     | 0.75 0.525 0.0    | 63.5 7.9 58.5   | 59.0 82.2  | 0.75 0.625 0.0   | 67.4 5.6 64.1   | 64.3 84.9 7.1   | 73     | 1.0 0.7 0.0   | 76.9 10.5 78.0  | 78.7 82.2  |
| 532 | R81Y_075_062a | 0.75 0.625 0.125 | 0.75 0.625 0.437  | 79     | 0.75 0.538 0.125  | 64.9 8.3 47.6   | 48.3 80.0  | 0.75 0.625 0.125 | 68.3 5.9 53.2   | 53.5 83.6 6.9   | 70     | 1.0 0.661 0.0 | 75.1 10.3 76.2  | 77.3 80.0  |
| 533 | R76Y_075_050a | 0.75 0.625 0.25  | 0.75 0.5 0.5      | 76     | 0.75 0.555 0.25   | 66.4 8.6 36.8   | 37.8 71.7  | 0.75 0.625 0.25  | 69.0 6.7 41.4   | 42.0 80.7 5.7   | 67     | 1.0 0.511 0.0 | 72.7 17.3 73.6  | 75.6 76.7  |
| 534 | R68Y_075_037a | 0.75 0.625 0.375 | 0.75 0.375 0.562  | 71     | 0.75 0.58 0.375   | 68.0 8.9 26.2   | 27.7 76.1  | 0.75 0.625 0.375 | 69.7 7.9 30.8   | 31.8 75.5 4.9   | 63     | 1.0 0.648 0.0 | 69.1 23.8 69.9  | 73.9 71.1  |
| 535 | R50Y_075_025a | 0.75 0.62        |                   |        |                   |                 |            |                  |                 |                 |        |               |                 |            |



http://130.149.60.45/~farbmetrik/SE18/SE18L0NA.TXT /.PS; transfer output  
N: no 3D-linearization (OL) in file (F) or PS-startup (S), page 27/33

SE1801A

see similar files: <http://130.149.60.45/~farbmetrik/SE18/SE18L0NA.TXT> /.PS  
technical information: <http://www.ps.bam.de> or <http://130.149.60.45/~farbmetrik>

TUB registration: 20130201-SE18/SE18L0NA.TXT /.PS  
application for measurement of offset print output, separationcnmy0 (CMY0)  
TUB material: code=rha4ta

| n   | HIC*Fe        | rgb_Fe            | ict_Fe            | hsi_Fe | rgb*Fe            | LabCh*Fe        | rgb**Fe    | LabCh**Fe         | DE**Fe         | hsi_Me          | rgb*Me | LabCh*Me      |                 |            |
|-----|---------------|-------------------|-------------------|--------|-------------------|-----------------|------------|-------------------|----------------|-----------------|--------|---------------|-----------------|------------|
| 567 | R00Y_087_087_ | 0.875 0.0 0.0     | 0.875 0.875 0.437 | 390    | 0.875 0.0 0.192   | 43.7 62.6 29.8  | 69.3 25.4  | 0.875 0.0 0.0     | 44.1 64.7 40.6 | 76.4 32.1 10.9  | 377    | 1.0 0.0 0.219 | 46.6 71.5 34.1  | 79.2 25.4  |
| 568 | R36Y_087_087_ | 0.875 0.0 0.125   | 0.875 0.875 0.437 | 382    | 0.875 0.0 0.39    | 43.9 64.2 19.1  | 67.0 16.5  | 0.875 0.0 0.125   | 44.4 65.2 35.0 | 74.0 28.2 15.9  | 363    | 1.0 0.0 0.446 | 46.8 73.4 21.8  | 76.6 16.5  |
| 569 | R23Y_087_087_ | 0.875 0.0 0.25    | 0.875 0.875 0.437 | 374    | 0.875 0.0 0.609   | 44.0 66.3 8.9   | 66.9 7.6   | 0.875 0.0 0.25    | 44.7 66.0 28.2 | 71.8 23.1 19.3  | 347    | 1.0 0.0 0.696 | 46.9 75.8 10.1  | 76.5 7.6   |
| 570 | R08Y_087_087_ | 0.875 0.0 0.375   | 0.875 0.875 0.437 | 365    | 0.815 0.0 0.875   | 43.4 66.4 -2.7  | 66.5 357.6 | 0.875 0.0 0.375   | 44.7 67.1 21.5 | 70.5 17.7 24.3  | 326    | 0.932 0.0 1.0 | 46.2 75.9 -3.1  | 76.0 357.6 |
| 571 | B70R_087_087_ | 0.875 0.0 0.5     | 0.875 0.875 0.437 | 355    | 0.636 0.0 0.875   | 39.8 60.4 -8.1  | 60.9 352.3 | 0.875 0.0 0.5     | 44.8 68.8 14.5 | 70.3 11.9 24.7  | 314    | 0.727 0.0 1.0 | 42.1 69.0 -9.3  | 69.6 352.3 |
| 572 | B63R_087_087_ | 0.875 0.0 0.625   | 0.875 0.875 0.437 | 346    | 0.481 0.0 0.875   | 35.9 52.3 -15.2 | 54.4 343.7 | 0.875 0.0 0.625   | 44.9 70.0 8.3  | 70.5 6.8 30.8   | 303    | 0.549 0.0 1.0 | 37.7 59.8 -17.4 | 62.2 343.7 |
| 573 | B56R_087_087_ | 0.875 0.0 0.75    | 0.875 0.875 0.437 | 338    | 0.365 0.0 0.875   | 33.1 45.8 -20.2 | 50.1 336.1 | 0.875 0.0 0.75    | 45.0 71.3 3.4  | 71.4 2.7 36.7   | 294    | 0.417 0.0 1.0 | 34.5 52.4 -23.1 | 57.3 336.1 |
| 574 | B50R_087_087_ | 0.875 0.0 0.875   | 0.875 0.875 0.437 | 330    | 0.279 0.0 0.875   | 30.5 40.0 -24.4 | 46.8 328.6 | 0.875 0.0 0.875   | 45.2 72.4 -0.9 | 72.4 359.2 42.6 | 288    | 0.319 0.0 1.0 | 31.5 45.7 -27.9 | 53.5 328.6 |
| 575 | B44R_100_100_ | 0.875 0.0 1.0     | 1.0 1.0 0.5       | 323    | 0.249 0.0 1.0     | 29.2 39.8 -31.1 | 50.6 321.9 | 0.875 0.0 1.0     | 45.4 73.8 -5.1 | 74.0 356.0 45.7 | 283    | 0.249 0.0 1.0 | 29.2 39.8 -31.1 | 50.6 321.9 |
| 576 | R13Y_087_087_ | 0.875 0.125 0.0   | 0.875 0.875 0.437 | 38     | 0.875 0.035 0.0   | 44.5 59.2 40.5  | 71.7 34.3  | 0.875 0.125 0.0   | 47.9 56.1 44.5 | 71.6 38.4 6.0   | 32     | 1.0 0.04 0.0  | 47.5 67.6 46.3  | 81.9 34.3  |
| 577 | R00Y_087_075_ | 0.875 0.125 0.125 | 0.875 0.75 0.5    | 390    | 0.875 0.125 0.289 | 49.9 53.6 25.5  | 59.4 25.4  | 0.875 0.125 0.125 | 48.7 55.5 37.7 | 67.2 34.2 12.4  | 377    | 1.0 0.0 0.219 | 46.6 71.5 34.1  | 79.2 25.4  |
| 578 | R35Y_087_075_ | 0.875 0.125 0.25  | 0.875 0.75 0.5    | 381    | 0.875 0.125 0.48  | 50.1 55.3 15.2  | 57.3 15.4  | 0.875 0.125 0.25  | 49.1 56.2 30.6 | 64.0 28.6 15.4  | 361    | 1.0 0.0 0.474 | 46.8 73.7 20.3  | 76.5 15.4  |
| 579 | R18Y_087_075_ | 0.875 0.125 0.375 | 0.875 0.75 0.5    | 371    | 0.875 0.125 0.732 | 50.2 57.6 4.3   | 57.8 4.3   | 0.875 0.125 0.375 | 49.2 57.0 22.9 | 61.4 21.8 18.6  | 340    | 1.0 0.0 0.809 | 47.0 68.8 5.8   | 77.1 4.3   |
| 580 | R00Y_087_075_ | 0.875 0.125 0.5   | 0.875 0.75 0.5    | 360    | 0.665 0.125 0.875 | 46.4 51.5 -7.1  | 52.0 352.0 | 0.875 0.125 0.5   | 49.6 58.4 15.1 | 60.4 14.5 23.6  | 314    | 0.721 0.0 1.0 | 41.9 68.7 -9.5  | 69.4 352.0 |
| 581 | B65R_087_075_ | 0.875 0.125 0.625 | 0.875 0.75 0.5    | 349    | 0.571 0.125 0.875 | 43.9 46.9 -11.1 | 48.2 346.6 | 0.875 0.125 0.625 | 50.0 59.4 8.2  | 60.0 7.8 23.8   | 306    | 0.595 0.0 1.0 | 38.6 62.6 -14.9 | 64.3 346.6 |
| 582 | B57R_087_075_ | 0.875 0.125 0.75  | 0.875 0.75 0.5    | 339    | 0.451 0.125 0.875 | 41.2 40.0 -16.8 | 43.4 337.1 | 0.875 0.125 0.75  | 50.3 60.8 2.5  | 60.8 2.3 29.8   | 295    | 0.435 0.0 1.0 | 34.9 53.3 -22.4 | 57.8 337.1 |
| 583 | B50R_087_075_ | 0.875 0.125 0.875 | 0.875 0.75 0.5    | 330    | 0.364 0.125 0.875 | 38.6 34.3 -20.9 | 40.1 328.6 | 0.875 0.125 0.875 | 50.4 61.7 -2.0 | 61.8 358.0 35.3 | 288    | 0.319 0.0 1.0 | 31.5 45.7 -27.9 | 53.5 328.6 |
| 584 | B43R_100_087_ | 0.875 0.125 1.0   | 1.0 0.875 0.562   | 322    | 0.331 0.125 1.0   | 37.6 34.2 -27.6 | 44.0 321.0 | 0.875 0.125 1.0   | 50.8 63.0 -6.4 | 63.4 354.1 38.2 | 283    | 0.236 0.0 1.0 | 29.2 39.1 -31.6 | 50.3 321.0 |
| 585 | R26Y_087_087_ | 0.875 0.25 0.0    | 0.875 0.875 0.437 | 46     | 0.875 0.176 0.0   | 49.2 48.6 45.8  | 66.8 43.3  | 0.875 0.25 0.0    | 52.9 44.9 49.6 | 66.9 47.8 6.4   | 40     | 1.0 0.201 0.0 | 52.9 55.6 52.4  | 76.4 43.3  |
| 586 | R15Y_087_075_ | 0.875 0.25 0.125  | 0.875 0.75 0.5    | 39     | 0.875 0.174 0.125 | 51.2 49.5 35.3  | 60.8 35.5  | 0.875 0.25 0.125  | 53.7 44.5 42.1 | 61.2 43.4 8.8   | 33     | 1.0 0.065 0.0 | 48.2 66.0 47.1  | 81.1 35.5  |
| 587 | R00Y_087_062_ | 0.875 0.25 0.25   | 0.875 0.625 0.562 | 390    | 0.875 0.25 0.387  | 56.2 44.7 21.3  | 49.5 25.4  | 0.875 0.25 0.25   | 54.7 44.0 33.6 | 55.4 37.3 12.4  | 377    | 1.0 0.0 0.219 | 46.6 71.5 34.1  | 79.2 25.4  |
| 588 | R31Y_087_062_ | 0.875 0.25 0.375  | 0.875 0.625 0.562 | 379    | 0.875 0.25 0.583  | 56.3 46.4 10.9  | 47.7 13.2  | 0.875 0.25 0.375  | 55.3 44.4 25.6 | 51.3 30.0 14.9  | 357    | 1.0 0.0 0.533 | 46.8 74.3 17.4  | 76.3 13.2  |
| 589 | R11Y_087_062_ | 0.875 0.25 0.5    | 0.875 0.625 0.562 | 367    | 0.875 0.25 0.866  | 56.5 48.9 -0.1  | 48.9 359.8 | 0.875 0.25 0.5    | 55.7 45.6 18.0 | 49.0 21.5 18.4  | 330    | 1.0 0.0 0.986 | 47.1 78.2 -0.1  | 78.2 359.8 |
| 590 | B69R_087_062_ | 0.875 0.25 0.625  | 0.875 0.625 0.562 | 353    | 0.672 0.25 0.875  | 52.4 41.7 -7.0  | 42.3 350.4 | 0.875 0.25 0.625  | 56.4 46.4 9.4  | 47.4 11.5 17.6  | 311    | 0.676 0.0 1.0 | 40.6 66.7 -11.2 | 67.7 350.4 |
| 591 | B59R_087_062_ | 0.875 0.25 0.75   | 0.875 0.625 0.562 | 341    | 0.543 0.25 0.875  | 49.5 34.4 -13.1 | 36.8 339.0 | 0.875 0.25 0.75   | 56.7 47.5 3.3  | 47.6 4.0 22.3   | 298    | 0.47 0.0 1.0  | 35.9 55.1 -21.1 | 59.0 339.0 |
| 592 | B50R_087_062_ | 0.875 0.25 0.875  | 0.875 0.625 0.562 | 330    | 0.449 0.25 0.875  | 46.7 28.5 -17.4 | 33.4 328.6 | 0.875 0.25 0.875  | 57.0 48.8 -1.9 | 48.9 357.7 27.5 | 288    | 0.319 0.0 1.0 | 31.5 45.7 -27.9 | 53.5 328.6 |
| 593 | B42R_100_075_ | 0.875 0.25 1.0    | 1.0 0.75 0.625    | 321    | 0.417 0.25 1.0    | 45.9 28.7 -24.0 | 37.5 320.0 | 0.875 0.25 1.0    | 57.8 50.4 -6.5 | 50.9 35.9 30.3  | 282    | 0.223 0.0 1.0 | 29.1 38.3 -32.1 | 50.0 320.0 |
| 594 | R41Y_087_087_ | 0.875 0.375 0.0   | 0.875 0.875 0.437 | 55     | 0.875 0.29 0.0    | 54.2 38.2 51.3  | 64.0 53.3  | 0.875 0.375 0.0   | 58.6 33.4 55.6 | 64.9 59.0 7.8   | 49     | 1.0 0.332 0.0 | 58.5 43.7 58.7  | 73.1 53.3  |
| 595 | R31Y_087_075_ | 0.875 0.375 0.125 | 0.875 0.75 0.5    | 49     | 0.875 0.312 0.125 | 56.1 38.5 40.7  | 56.1 46.6  | 0.875 0.375 0.125 | 59.2 33.4 46.5 | 57.3 54.3 8.2   | 43     | 1.0 0.25 0.0  | 54.8 51.3 54.3  | 74.8 46.6  |
| 596 | R18Y_087_062_ | 0.875 0.375 0.25  | 0.875 0.625 0.562 | 41     | 0.875 0.322 0.25  | 58.1 39.2 30.3  | 49.5 37.7  | 0.875 0.375 0.25  | 59.8 34.0 36.5 | 49.8 47.0 8.2   | 36     | 1.0 0.115 0.0 | 49.7 62.7 48.5  | 79.3 37.7  |
| 597 | R00Y_087_050_ | 0.875 0.375 0.375 | 0.875 0.5 0.625   | 390    | 0.875 0.375 0.484 | 62.4 35.7 17.0  | 39.6 25.4  | 0.875 0.375 0.375 | 61.1 33.4 27.6 | 43.3 39.6 10.9  | 377    | 1.0 0.0 0.219 | 46.6 71.5 34.1  | 79.2 25.4  |
| 598 | R26Y_087_050_ | 0.875 0.375 0.5   | 0.875 0.5 0.625   | 376    | 0.875 0.375 0.689 | 62.6 37.5 6.5   | 38.1 9.8   | 0.875 0.375 0.5   | 61.9 34.1 19.6 | 39.4 29.9 13.5  | 351    | 1.0 0.0 0.628 | 46.9 67.1 13.0  | 76.2 9.8   |
| 599 | R00Y_087_050_ | 0.875 0.375 0.625 | 0.875 0.5 0.625   | 360    | 0.735 0.375 0.875 | 60.0 34.3 -4.7  | 34.7 352.0 | 0.875 0.375 0.625 | 62.3 35.4 11.3 | 37.1 17.7 16.3  | 314    | 0.721 0.0 1.0 | 41.9 68.7 -9.5  | 69.4 352.0 |
| 600 | B61R_087_050_ | 0.875 0.375 0.75  | 0.875 0.5 0.625   | 344    | 0.634 0.375 0.875 | 57.7 28.9 -9.4  | 30.4 341.8 | 0.875 0.375 0.75  | 62.9 36.7 3.9  | 36.9 6.1 16.3   | 301    | 0.519 0.0 1.0 | 37.1 57.8 -18.9 | 60.8 341.8 |
| 601 | B50R_087_050_ | 0.875 0.375 0.875 | 0.875 0.5 0.625   | 330    | 0.534 0.375 0.875 | 54.8 22.8 -13.9 | 26.7 328.6 | 0.875 0.375 0.875 | 63.5 37.6 -1.5 | 37.6 35.7 21.1  | 288    | 0.319 0.0 1.0 | 31.5 45.7 -27.9 | 53.5 328.6 |
| 602 | B40R_100_062_ | 0.875 0.375 1.0   | 1.0 0.625 0.687   | 319    | 0.498 0.375 1.0   | 54.2 23.0 -20.6 | 30.9 318.1 | 0.875 0.375 1.0   | 64.2 38.9 -6.9 | 39.5 349.8 23.2 | 280    | 0.197 0.0 1.0 | 28.9 36.8 -32.9 | 49.4 318.1 |
| 603 | R58Y_087_087_ | 0.875 0.5 0.0     | 0.875 0.875 0.437 | 65     | 0.875 0.411 0.0   | 59.8 27.3 57.2  | 63.4 64.4  | 0.875 0.5 0.0     | 64.8 21.3 62.0 | 65.6 71.0 9.2   | 58     | 1.0 0.47 0.0  | 65.0 31.2 65.4  | 72.5 64.4  |
| 604 | R50Y_087_075_ | 0.875 0.5 0.125   | 0.875 0.75 0.5    | 60     | 0.875 0.425 0.125 | 61.3 28.0 46.4  | 54.3 58.8  | 0.875 0.5 0.125   | 65.0 22.4 51.0 | 55.7 66.2 8.1   | 53     | 1.0 0.401 0.0 | 61.7 37.4 61.9  | 72.4 58.8  |
| 605 | R38Y_087_062_ | 0.875 0.5 0.25    | 0.875 0.625 0.562 | 53     | 0.875 0.44 0.25   | 62.9 28.9 35.8  | 46.0 51.0  | 0.875 0.5 0.25    | 65.2 23.9 40.1 | 46.7 59.2 7.0   | 47     | 1.0 0.305 0.0 | 57.3 46.3 57.3  | 73.7 51.0  |
| 606 | R23Y_087_050_ | 0.875 0.5 0.375   | 0.875 0.5 0.625   | 44     | 0.875 0.459 0.375 | 64.9 29.2 25.4  | 38.7 41.0  | 0.875 0.5 0.375   | 65.9 24.7 30.0 | 38.9 50.5 6.5   | 39     | 1.0 0.168 0.0 | 51.6 58.4 50.9  | 77.5 41.0  |
| 607 | R00Y_087_037_ | 0.875 0.5 0.5     | 0.875 0.375 0.687 | 390    | 0.875 0.5 0.582   | 68.6 26.8 12.7  | 29.7 25.4  |                   |                |                 |        |               |                 |            |



http://130.149.60.45/~farbmetrik/SE18/SE18L0NA.TXT /.PS; transfer output

N: no 3D-linearization (OL) in file (F) or PS-startup (S), page 28/33

see similar files: <http://130.149.60.45/~farbmetrik/SE18/SE18L0NA.TXT> /.PS  
 technical information: <http://www.ps.bam.de> or <http://130.149.60.45/~farbmetrik>

| n   | HIC*Fe        | rgb_Fe | ict_Fe | hsi_Fe | rgb*Fe | LabCh*Fe | rgb**Fe | LabCh**Fe | DE**Fe | hsiMe | rgb*Me | LabCh*Me |
|-----|---------------|--------|--------|--------|--------|----------|---------|-----------|--------|-------|--------|----------|
| 648 | R00Y_100_100a | 1.0    | 0.0    | 0.0    | 1.0    | 0.5      | 390     | 1.0       | 0.0    | 0.219 | 46.6   | 71.5     |
| 649 | R38Y_100_100a | 1.0    | 0.0    | 0.125  | 1.0    | 0.5      | 383     | 1.0       | 0.0    | 0.419 | 46.8   | 73.0     |
| 650 | R26Y_100_100a | 1.0    | 0.0    | 0.25   | 1.0    | 0.5      | 376     | 1.0       | 0.0    | 0.628 | 46.9   | 75.1     |
| 651 | R13Y_100_100a | 1.0    | 0.0    | 0.375  | 1.0    | 0.5      | 368     | 1.0       | 0.0    | 0.941 | 47.1   | 77.9     |
| 652 | R00Y_100_100a | 1.0    | 0.0    | 0.5    | 1.0    | 0.5      | 360     | 0.721     | 0.0    | 1.0   | 41.9   | 68.7     |
| 653 | B68R_100_100a | 1.0    | 0.0    | 0.625  | 1.0    | 0.5      | 352     | 0.651     | 0.0    | 1.0   | 39.9   | 65.6     |
| 654 | B61R_100_100a | 1.0    | 0.0    | 0.75   | 1.0    | 0.5      | 344     | 0.519     | 0.0    | 1.0   | 37.1   | 57.8     |
| 655 | B55R_100_100a | 1.0    | 0.0    | 0.875  | 1.0    | 0.5      | 337     | 0.4       | 0.0    | 1.0   | 34.0   | 51.5     |
| 656 | B50R_100_100a | 1.0    | 0.0    | 1.0    | 1.0    | 0.5      | 330     | 0.319     | 0.0    | 1.0   | 31.5   | 45.7     |
| 657 | R11Y_100_100a | 1.0    | 0.125  | 0.0    | 1.0    | 0.5      | 37      | 1.0       | 0.015  | 0.0   | 1.0    | 68.2     |
| 658 | R00Y_100_087e | 1.0    | 0.125  | 0.125  | 1.0    | 0.875    | 0.562   | 390       | 1.0    | 0.125 | 0.219  | 46.6     |
| 659 | R36Y_100_087e | 1.0    | 0.125  | 0.25   | 1.0    | 0.875    | 0.562   | 382       | 1.0    | 0.0   | 0.446  | 46.8     |
| 660 | R23Y_100_087e | 1.0    | 0.125  | 0.375  | 1.0    | 0.875    | 0.562   | 374       | 1.0    | 0.0   | 0.696  | 46.9     |
| 661 | R08Y_100_087e | 1.0    | 0.125  | 0.5    | 1.0    | 0.875    | 0.562   | 365       | 0.94   | 0.125 | 1.0    | 46.2     |
| 662 | B70R_100_087e | 1.0    | 0.125  | 0.625  | 1.0    | 0.875    | 0.562   | 355       | 0.761  | 0.125 | 1.0    | 42.1     |
| 663 | B63R_100_087e | 1.0    | 0.125  | 0.75   | 1.0    | 0.875    | 0.562   | 346       | 0.606  | 0.125 | 1.0    | 37.7     |
| 664 | B56R_100_087e | 1.0    | 0.125  | 0.875  | 1.0    | 0.875    | 0.562   | 338       | 0.49   | 0.125 | 1.0    | 34.5     |
| 665 | B50R_100_087e | 1.0    | 0.125  | 1.0    | 1.0    | 0.875    | 0.562   | 330       | 0.404  | 0.125 | 1.0    | 31.5     |
| 666 | R23Y_100_100a | 1.0    | 0.25   | 0.0    | 1.0    | 0.5      | 44      | 1.0       | 0.168  | 0.0   | 0.516  | 58.4     |
| 667 | R13Y_100_087e | 1.0    | 0.25   | 0.125  | 1.0    | 0.875    | 0.562   | 38        | 1.0    | 0.16  | 0.125  | 53.6     |
| 668 | R00Y_100_075e | 1.0    | 0.25   | 0.25   | 1.0    | 0.75     | 0.625   | 390       | 1.0    | 0.25  | 0.414  | 59.0     |
| 669 | R35Y_100_075e | 1.0    | 0.25   | 0.375  | 1.0    | 0.75     | 0.625   | 381       | 1.0    | 0.25  | 0.605  | 59.2     |
| 670 | R18Y_100_075e | 1.0    | 0.25   | 0.5    | 1.0    | 0.75     | 0.625   | 371       | 1.0    | 0.25  | 0.857  | 59.3     |
| 671 | R00Y_100_075e | 1.0    | 0.25   | 0.625  | 1.0    | 0.75     | 0.625   | 360       | 0.79   | 0.25  | 1.0    | 55.5     |
| 672 | B65R_100_075e | 1.0    | 0.25   | 0.75   | 1.0    | 0.75     | 0.625   | 349       | 0.696  | 0.25  | 1.0    | 53.0     |
| 673 | B57R_100_075e | 1.0    | 0.25   | 0.875  | 1.0    | 0.75     | 0.625   | 339       | 0.576  | 0.25  | 1.0    | 50.3     |
| 674 | B50R_100_075e | 1.0    | 0.25   | 1.0    | 1.0    | 0.75     | 0.625   | 330       | 0.489  | 0.25  | 1.0    | 47.7     |
| 675 | R36Y_100_100a | 1.0    | 0.375  | 0.0    | 1.0    | 0.5      | 52      | 1.0       | 0.291  | 0.0   | 0.567  | 47.5     |
| 676 | R26Y_100_087e | 1.0    | 0.375  | 0.125  | 1.0    | 0.875    | 0.562   | 46        | 1.0    | 0.301 | 0.125  | 58.3     |
| 677 | R15Y_100_075e | 1.0    | 0.375  | 0.25   | 1.0    | 0.75     | 0.625   | 39        | 1.0    | 0.299 | 0.25   | 60.3     |
| 678 | R00Y_100_062a | 1.0    | 0.375  | 0.375  | 1.0    | 0.625    | 0.687   | 390       | 1.0    | 0.375 | 0.512  | 65.3     |
| 679 | R31Y_100_062a | 1.0    | 0.375  | 0.5    | 1.0    | 0.625    | 0.687   | 379       | 1.0    | 0.375 | 0.708  | 65.4     |
| 680 | R11Y_100_062a | 1.0    | 0.375  | 0.625  | 1.0    | 0.625    | 0.687   | 367       | 1.0    | 0.375 | 0.991  | 65.6     |
| 681 | B69R_100_062a | 1.0    | 0.375  | 0.75   | 1.0    | 0.625    | 0.687   | 353       | 0.797  | 0.375 | 1.0    | 61.5     |
| 682 | B59R_100_062a | 1.0    | 0.375  | 0.875  | 1.0    | 0.625    | 0.687   | 341       | 0.668  | 0.375 | 1.0    | 58.6     |
| 683 | B50R_100_062a | 1.0    | 0.375  | 1.0    | 1.0    | 0.625    | 0.687   | 330       | 0.574  | 0.375 | 1.0    | 55.8     |
| 684 | R50Y_100_100a | 1.0    | 0.5    | 0.0    | 1.0    | 0.5      | 60      | 1.0       | 0.401  | 0.0   | 0.617  | 37.4     |
| 685 | R41Y_100_087e | 1.0    | 0.5    | 0.125  | 1.0    | 0.875    | 0.562   | 55        | 1.0    | 0.415 | 0.125  | 63.3     |
| 686 | R31Y_100_075e | 1.0    | 0.5    | 0.25   | 1.0    | 0.75     | 0.625   | 49        | 1.0    | 0.437 | 0.25   | 65.2     |
| 687 | R18Y_100_062a | 1.0    | 0.5    | 0.375  | 1.0    | 0.625    | 0.687   | 41        | 1.0    | 0.447 | 0.375  | 67.2     |
| 688 | R00Y_100_050a | 1.0    | 0.5    | 0.5    | 1.0    | 0.5      | 0.75    | 390       | 1.0    | 0.5   | 0.609  | 71.5     |
| 689 | R26Y_100_050a | 1.0    | 0.5    | 0.625  | 1.0    | 0.5      | 0.75    | 376       | 1.0    | 0.5   | 0.814  | 71.7     |
| 690 | R00Y_100_050a | 1.0    | 0.5    | 0.75   | 1.0    | 0.5      | 0.75    | 360       | 0.86   | 0.5   | 1.0    | 69.2     |
| 691 | B61R_100_050a | 1.0    | 0.5    | 0.875  | 1.0    | 0.5      | 0.75    | 344       | 0.759  | 0.5   | 1.0    | 66.8     |
| 692 | B50R_100_050a | 1.0    | 0.5    | 1.0    | 1.0    | 0.5      | 0.75    | 330       | 0.659  | 0.5   | 1.0    | 64.0     |
| 693 | R63Y_100_100a | 1.0    | 0.625  | 0.0    | 1.0    | 0.5      | 68      | 1.0       | 0.51   | 0.0   | 0.670  | 27.5     |
| 694 | R58Y_100_087e | 1.0    | 0.625  | 0.125  | 1.0    | 0.875    | 0.562   | 65        | 1.0    | 0.536 | 0.125  | 68.9     |
| 695 | R50Y_100_075e | 1.0    | 0.625  | 0.25   | 1.0    | 0.75     | 0.625   | 60        | 1.0    | 0.55  | 0.25   | 70.4     |
| 696 | R38Y_100_062a | 1.0    | 0.625  | 0.375  | 1.0    | 0.625    | 0.687   | 53        | 1.0    | 0.565 | 0.375  | 72.0     |
| 697 | R23Y_100_050a | 1.0    | 0.625  | 0.5    | 1.0    | 0.5      | 0.75    | 44        | 1.0    | 0.584 | 0.5    | 74.0     |
| 698 | R00Y_100_037e | 1.0    | 0.625  | 0.625  | 1.0    | 0.375    | 0.812   | 390       | 1.0    | 0.625 | 0.707  | 77.7     |
| 699 | R18Y_100_037e | 1.0    | 0.625  | 0.75   | 1.0    | 0.375    | 0.812   | 371       | 1.0    | 0.625 | 0.928  | 77.9     |
| 700 | B65R_100_037e | 1.0    | 0.625  | 0.875  | 1.0    | 0.375    | 0.812   | 349       | 0.848  | 0.625 | 1.0    | 74.7     |
| 701 | B50R_100_037e | 1.0    | 0.625  | 1.0    | 1.0    | 0.375    | 0.812   | 330       | 0.744  | 0.625 | 1.0    | 72.1     |
| 702 | R76Y_100_100a | 1.0    | 0.75   | 0.0    | 1.0    | 0.5      | 76      | 1.0       | 0.611  | 0.0   | 0.727  | 17.3     |
| 703 | R73Y_100_087e | 1.0    | 0.75   | 0.125  | 1.0    | 0.875    | 0.562   | 74        | 1.0    | 0.637 | 0.125  | 74.4     |
| 704 | R68Y_100_075e | 1.0    | 0.75   | 0.25   | 1.0    | 0.75     | 0.625   | 71        | 1.0    | 0.665 | 0.25   | 76.0     |
| 705 | R61Y_100_062a | 1.0    | 0.75   | 0.375  | 1.0    | 0.625    | 0.687   | 67        | 1.0    | 0.686 | 0.375  | 77.6     |
| 706 | R50Y_100_050a | 1.0    | 0.75   | 0.5    | 1.0    | 0.5      | 0.75    | 60        | 1.0    | 0.7   | 0.5    | 79.1     |
| 707 | R31Y_100_037e | 1.0    | 0.75   | 0.625  | 1.0    | 0.375    | 0.812   | 49        | 1.0    | 0.718 | 0.625  | 80.8     |
| 708 | R00Y_100_025e | 1.0    | 0.75   | 0.75   | 1.0    | 0.25     | 0.875   | 390       | 1.0    | 0.75  | 0.804  | 84.0     |
| 709 | R00Y_100_025e | 1.0    | 0.75   | 0.875  | 1.0    | 0.25     | 0.875   | 360       | 0.93   | 0.75  | 1.0    | 82.8     |
| 710 | B50R_100_025e | 1.0    | 0.75   | 1.0    | 1.0    | 0.25     | 0.875   | 330       | 0.829  | 0.75  | 1.0    | 80.2     |
| 711 | R88Y_100_100a | 1.0    | 0.875  | 0.0    | 1.0    | 0.5      | 83      | 1.0       | 0.738  | 0.0   | 0.786  | 76       |
| 712 | R86Y_100_087e | 1.0    | 0.875  | 0.125  | 1.0    | 0.875    | 0.562   | 82        | 1.0    | 0.754 | 0.125  | 80.1     |
| 713 | R85Y_100_075e | 1.0    | 0.875  | 0.25   | 1.0    | 0.75     | 0.625   | 81        | 1.0    | 0.775 | 0.25   | 81.7     |
| 714 | R81Y_100_062a | 1.0    | 0.875  | 0.375  | 1.0    | 0.625    | 0.687   | 79        | 1.0    | 0.788 | 0.375  | 83.1     |
| 715 | R76Y_100_050a | 1.0    | 0.875  | 0.5    | 1.0    | 0.5      | 0.75    | 76        | 1.0    | 0.805 | 0.5    | 84.6     |
| 716 | R68Y_100_037e | 1.0    | 0.875  | 0.625  | 1.0    | 0.375    | 0.812   | 71        | 1.0    | 0.83  | 0.625  | 86.9     |
| 717 | R50Y_100_025e | 1.0    | 0.875  | 0.75   | 1.0    | 0.25     | 0.875   | 60        | 1.0    | 0.85  | 0.75   | 87.7     |
| 718 | R00Y_100_012a | 1.0    | 0.875  | 0.875  | 1.0    | 0.125    | 0.937   | 390       | 1.0    | 0.875 | 0.902  | 90.2     |
| 719 | B50R_100_012a | 1.0    | 0.875  | 1.0    | 1.0    | 0.125    | 0.937   | 330       | 0.914  | 0.875 | 1.0    | 88.3     |
| 720 | Y00G_100_100a | 1.0    | 1.0    | 0.0    | 1.0    | 0.5      | 90      | 1.0       | 0.93   | 0.0   | 0.8    | -3.5     |
| 721 | Y00G_100_087e | 1.0    | 1.0    | 0.125  | 1.0    | 0.875    | 0.562   | 90        | 1.0    | 0.939 | 0.125  | 87.2     |
| 722 | Y00G_100_075e | 1.0    | 1.0    | 0.25   | 1.0    | 0.75     | 0.625   | 90        | 1.0    | 0.947 | 0.25   | 88.5     |
| 723 | Y00G_100_062a | 1.0    | 1.0    | 0.375  | 1.0    | 0.625    | 0.687   | 90        | 1.0    | 0.956 | 0.375  | 89.8     |
| 724 | Y00G_100_050a | 1.0    | 1.0    | 0.5    | 1.0    | 0.5      | 0.75    | 90        | 1.0    | 0.965 | 0.5    | 91.1     |
| 725 | Y00G_100_037e | 1.0    | 1.0    | 0.625  | 1.0    | 0.375    | 0.812   | 90        | 1.0    | 0.973 | 0.625  | 92.5     |
| 726 | Y00G_100_025e | 1.0    | 1.0    | 0.75   | 1.0    | 0.25     | 0.875   | 90        | 1.0    | 0.982 | 0.75   | 93.8     |
| 727 | Y00G_100_012a | 1.0    | 1.0    | 0.875  | 1.0    | 0.125    | 0.937   | 90        | 1.0    | 0.991 | 0.875  | 95.1     |
| 728 | NW_100e       | 1.0    | 1.0    | 1.0    | 1.0    | 0.0      | 1.0     | 360       | 1.0    | 1.0   | 1.0    | 96.4     |

Mean color difference of this page:

delta E\* = 14.3

TUB-test chart SE18; 1080 colours, offset standard paper  
 colors and differences,  $\Delta E^*$ , 3D=0, de=1, *cmY0*

input: *rgb/cmyk* -> *rgb*<sub>e</sub>  
 output: transfer to *cmY0*<sub>e</sub>

TUB registration: 20130201-SE18/SE18L0NA.TXT /.PS  
 application for measurement of offset print output, separationcmy0 (CMY0)

TUB material: code=rha4ta

http://130.149.60.45/~farbmetrik/SE18/SE18L0NA.TXT /.PS; transfer output  
N: no 3D-linearization (OL) in file (F) or PS-startup (S), page 29/33

SE1801A

see similar files: <http://130.149.60.45/~farbmetrik/SE18/SE18L0NA.TXT> /.PS  
technical information: <http://www.ps.bam.de> or <http://130.149.60.45/~farbmetrik>

TUB registration: 20130201-SE18/SE18L0NA.TXT /.PS  
application for measurement of offset print output, separationcnmy0 (CMY0)

TUB material: code=rh4ta

| n   | HIC*Fe        | rgb_Fe            | ict_Fe            | hsi_Fe      | rgb*Fe            | LabCh*Fe         | rgb**Fe      | LabCh**Fe         | DE**Fe           | hsiMe           | rgb*Me | LabCh*Me      |                  |
|-----|---------------|-------------------|-------------------|-------------|-------------------|------------------|--------------|-------------------|------------------|-----------------|--------|---------------|------------------|
| 729 | NW_100e       | 1.0 1.0 1.0       | 1.0 0.0 1.0       | 1.0 0.0 1.0 | 360               | 1.0 1.0 1.0      | 96.4 0.0 0.0 | 0.0 0.0 0.0       | 1.0 1.0 1.0      | 96.4 0.0 0.0    | 360    | 1.0 1.0 1.0   | 96.4 0.0 0.0     |
| 730 | G50B_100_012e | 0.875 1.0 1.0     | 1.0 0.125 0.937   | 210         | 0.875 1.0 0.97    | 91.3 -4.7 -3.5   | 5.9 216.9    | 0.875 1.0 1.0     | 93.0 -2.8 -3.8   | 4.8 234.9 2.5   | 197    | 0.0 1.0 0.767 | 55.4 -37.8 -28.4 |
| 731 | G50B_100_025e | 0.75 1.0 1.0      | 1.0 0.25 0.875    | 210         | 0.75 1.0 0.941    | 86.2 -9.4 -7.1   | 11.8 216.9   | 0.75 1.0 1.0      | 89.0 -5.8 -8.1   | 9.9 234.3 4.6   | 197    | 0.0 1.0 0.767 | 55.4 -37.8 -28.4 |
| 732 | G50B_100_037e | 0.625 1.0 1.0     | 1.0 0.375 0.812   | 210         | 0.625 1.0 0.912   | 81.1 -14.1 -10.6 | 17.7 216.9   | 0.625 1.0 1.0     | 84.2 -8.9 -12.7  | 15.5 235.0 6.4  | 197    | 0.0 1.0 0.767 | 55.4 -37.8 -28.4 |
| 733 | G50B_100_050e | 0.5 1.0 1.0       | 1.0 0.5 0.75      | 210         | 0.5 1.0 0.883     | 75.9 -18.9 -14.2 | 23.6 216.9   | 0.5 1.0 1.0       | 78.7 -12.9 -18.5 | 22.5 235.1 7.8  | 197    | 0.0 1.0 0.767 | 55.4 -37.8 -28.4 |
| 734 | G50B_100_062e | 0.375 1.0 1.0     | 1.0 0.625 0.687   | 210         | 0.375 1.0 0.854   | 70.8 -23.6 -17.8 | 29.5 216.9   | 0.375 1.0 1.0     | 73.3 -16.5 -23.9 | 29.1 235.4 9.7  | 197    | 0.0 1.0 0.767 | 55.4 -37.8 -28.4 |
| 735 | G50B_100_075e | 0.25 1.0 1.0      | 1.0 0.75 0.625    | 210         | 0.25 1.0 0.825    | 65.7 -28.3 -21.3 | 35.5 216.9   | 0.25 1.0 1.0      | 66.9 -21.4 -30.4 | 37.3 234.8 11.5 | 197    | 0.0 1.0 0.767 | 55.4 -37.8 -28.4 |
| 736 | G50B_100_087e | 0.125 1.0 1.0     | 1.0 0.875 0.562   | 210         | 0.125 1.0 0.796   | 60.5 -33.0 -24.9 | 41.4 216.9   | 0.125 1.0 1.0     | 61.4 -25.1 -35.9 | 43.8 235.0 13.6 | 197    | 0.0 1.0 0.767 | 55.4 -37.8 -28.4 |
| 737 | G50B_100_100e | 0.0 1.0 1.0       | 1.0 1.0 0.5       | 210         | 0.0 1.0 0.767     | 55.4 -37.8 -28.4 | 47.3 216.9   | 0.0 1.0 1.0       | 55.9 -28.8 -41.3 | 50.3 235.1 15.7 | 197    | 0.0 1.0 0.767 | 55.4 -37.8 -28.4 |
| 738 | RO0Y_100_012e | 1.0 0.875 0.875   | 1.0 0.125 0.937   | 390         | 1.0 0.875 0.902   | 90.2 8.9 4.2     | 9.9 25.4     | 1.0 0.875 0.875   | 90.9 4.5 6.8     | 8.2 56.2 5.1    | 377    | 1.0 0.0 0.219 | 46.6 71.5 34.1   |
| 739 | NW_087e       | 0.875 0.875 0.875 | 0.875 0.0 0.875   | 360         | 0.875 0.875 0.875 | 87.3 0.0 0.0     | 0.0 0.0      | 0.875 0.875 0.875 | 87.7 1.3 2.8     | 3.1 64.7 3.2    | 360    | 1.0 1.0 1.0   | 96.4 0.0 0.0     |
| 740 | G50B_087_012e | 0.75 0.875 0.875  | 0.875 0.125 0.812 | 210         | 0.75 0.875 0.845  | 82.2 -4.7 -3.5   | 5.9 216.9    | 0.75 0.875 0.875  | 83.7 -1.9 -1.3   | 2.3 214.2 3.9   | 197    | 0.0 1.0 0.767 | 55.4 -37.8 -28.4 |
| 741 | G50B_087_025e | 0.625 0.875 0.875 | 0.875 0.25 0.75   | 210         | 0.625 0.875 0.816 | 77.1 -9.4 -7.1   | 11.8 216.9   | 0.625 0.875 0.875 | 79.3 -5.5 -5.9   | 8.0 226.9 4.6   | 197    | 0.0 1.0 0.767 | 55.4 -37.8 -28.4 |
| 742 | G50B_087_037e | 0.5 0.875 0.875   | 0.875 0.375 0.687 | 210         | 0.5 0.875 0.787   | 71.9 -14.1 -10.6 | 17.7 216.9   | 0.5 0.875 0.875   | 74.1 -9.8 -11.5  | 15.1 229.4 4.9  | 197    | 0.0 1.0 0.767 | 55.4 -37.8 -28.4 |
| 743 | G50B_087_050e | 0.375 0.875 0.875 | 0.875 0.5 0.625   | 210         | 0.375 0.875 0.758 | 66.8 -18.9 -14.2 | 23.6 216.9   | 0.375 0.875 0.875 | 68.7 -14.4 -17.1 | 22.4 229.8 5.6  | 197    | 0.0 1.0 0.767 | 55.4 -37.8 -28.4 |
| 744 | G50B_087_062e | 0.25 0.875 0.875  | 0.875 0.625 0.562 | 210         | 0.25 0.875 0.729  | 61.7 -23.6 -17.8 | 29.5 216.9   | 0.25 0.875 0.875  | 63.0 -19.9 -23.3 | 30.6 229.5 6.7  | 197    | 0.0 1.0 0.767 | 55.4 -37.8 -28.4 |
| 745 | G50B_087_075e | 0.125 0.875 0.875 | 0.875 0.75 0.5    | 210         | 0.125 0.875 0.7   | 56.6 -28.3 -21.3 | 35.5 216.9   | 0.125 0.875 0.875 | 57.5 -24.5 -29.0 | 37.9 229.8 8.6  | 197    | 0.0 1.0 0.767 | 55.4 -37.8 -28.4 |
| 746 | G50B_087_087e | 0.0 0.875 0.875   | 0.875 0.875 0.437 | 210         | 0.0 0.875 0.671   | 51.4 -33.0 -24.9 | 41.4 216.9   | 0.0 0.875 0.875   | 52.4 -29.2 -34.8 | 45.4 230.0 10.6 | 197    | 0.0 1.0 0.767 | 55.4 -37.8 -28.4 |
| 747 | RO0Y_100_025e | 1.0 0.75 0.75     | 1.0 0.25 0.875    | 390         | 1.0 0.75 0.804    | 84.0 17.8 8.5    | 19.8 25.4    | 1.0 0.75 0.75     | 83.9 11.6 13.1   | 17.5 48.5 7.7   | 377    | 1.0 0.0 0.219 | 46.6 71.5 34.1   |
| 748 | RO0Y_087_012e | 0.875 0.75 0.75   | 0.75 0.875 0.125  | 812         | 0.875 0.75 0.777  | 81.1 8.9 4.2     | 9.9 25.4     | 0.875 0.75 0.75   | 80.9 7.9 9.4     | 12.3 49.8 5.2   | 377    | 1.0 0.0 0.219 | 46.6 71.5 34.1   |
| 749 | NW_075e       | 0.75 0.75 0.75    | 0.75 0.0 0.75     | 360         | 0.75 0.75 0.75    | 78.2 0.0 0.0     | 0.0 0.0      | 0.75 0.75 0.75    | 77.1 4.3 5.4     | 6.9 51.0 7.0    | 360    | 1.0 1.0 1.0   | 96.4 0.0 0.0     |
| 750 | G50B_075_012e | 0.625 0.75 0.75   | 0.75 0.125 0.687  | 210         | 0.625 0.75 0.72   | 73.1 -4.7 -3.5   | 5.9 216.9    | 0.625 0.75 0.75   | 73.1 0.2 0.9     | 0.9 74.4 6.7    | 197    | 0.0 1.0 0.767 | 55.4 -37.8 -28.4 |
| 751 | G50B_075_025e | 0.5 0.75 0.75     | 0.75 0.25 0.625   | 210         | 0.5 0.75 0.691    | 68.0 -9.4 -7.1   | 11.8 216.9   | 0.5 0.75 0.75     | 68.0 -4.8 -4.6   | 6.6 223.9 5.2   | 197    | 0.0 1.0 0.767 | 55.4 -37.8 -28.4 |
| 752 | G50B_075_037e | 0.375 0.75 0.75   | 0.75 0.375 0.562  | 210         | 0.375 0.75 0.662  | 62.8 -14.1 -10.6 | 17.7 216.9   | 0.375 0.75 0.75   | 63.3 -9.8 -10.2  | 14.2 226.2 4.3  | 197    | 0.0 1.0 0.767 | 55.4 -37.8 -28.4 |
| 753 | G50B_075_050e | 0.25 0.75 0.75    | 0.75 0.5 0.5      | 210         | 0.25 0.75 0.633   | 57.7 -18.9 -14.2 | 23.6 216.9   | 0.25 0.75 0.75    | 57.8 -16.2 -16.6 | 23.2 225.7 3.6  | 197    | 0.0 1.0 0.767 | 55.4 -37.8 -28.4 |
| 754 | G50B_075_062e | 0.125 0.75 0.75   | 0.75 0.625 0.437  | 210         | 0.125 0.75 0.604  | 52.6 -23.6 -17.8 | 29.5 216.9   | 0.125 0.75 0.75   | 52.9 -21.7 -21.9 | 30.8 225.1 4.5  | 197    | 0.0 1.0 0.767 | 55.4 -37.8 -28.4 |
| 755 | G50B_075_075e | 0.0 0.75 0.75     | 0.75 0.75 0.375   | 210         | 0.0 0.75 0.575    | 47.5 -28.3 -21.3 | 35.5 216.9   | 0.0 0.75 0.75     | 47.9 -28.0 -28.0 | 39.6 224.9 6.6  | 197    | 0.0 1.0 0.767 | 55.4 -37.8 -28.4 |
| 756 | RO0Y_100_037e | 1.0 0.625 0.625   | 1.0 0.375 0.812   | 390         | 1.0 0.625 0.707   | 77.7 26.8 12.7   | 29.7 25.4    | 1.0 0.625 0.625   | 77.8 17.9 20.2   | 27.0 48.3 11.5  | 377    | 1.0 0.0 0.219 | 46.6 71.5 34.1   |
| 757 | RO0Y_087_025e | 0.875 0.625 0.625 | 0.875 0.25 0.75   | 390         | 0.875 0.625 0.679 | 74.9 17.8 8.5    | 19.8 25.4    | 0.875 0.625 0.625 | 74.9 14.2 16.2   | 11.6 48.7 8.5   | 377    | 1.0 0.0 0.219 | 46.6 71.5 34.1   |
| 758 | RO0Y_075_012e | 0.75 0.625 0.625  | 0.75 0.125 0.687  | 390         | 0.75 0.625 0.652  | 72.0 8.9 4.2     | 9.9 25.4     | 0.75 0.625 0.625  | 71.5 10.1 12.2   | 15.8 50.3 8.0   | 377    | 1.0 0.0 0.219 | 46.6 71.5 34.1   |
| 759 | NW_062e       | 0.625 0.625 0.625 | 0.625 0.0 0.625   | 360         | 0.625 0.625 0.625 | 69.1 0.0 0.0     | 0.0 0.0      | 0.625 0.625 0.625 | 67.6 5.5 7.6     | 9.4 53.7 9.5    | 360    | 1.0 1.0 1.0   | 96.4 0.0 0.0     |
| 760 | G50B_062_012e | 0.5 0.625 0.625   | 0.625 0.125 0.562 | 210         | 0.5 0.625 0.595   | 64.0 -4.7 -3.5   | 5.9 216.9    | 0.5 0.625 0.625   | 63.1 0.0 2.5     | 2.5 90.3 7.7    | 197    | 0.0 1.0 0.767 | 55.4 -37.8 -28.4 |
| 761 | G50B_062_025e | 0.375 0.625 0.625 | 0.625 0.25 0.5    | 210         | 0.375 0.625 0.566 | 58.9 -9.4 -7.1   | 11.8 216.9   | 0.375 0.625 0.625 | 58.5 -5.7 -3.1   | 6.5 208.4 5.4   | 197    | 0.0 1.0 0.767 | 55.4 -37.8 -28.4 |
| 762 | G50B_062_037e | 0.25 0.625 0.625  | 0.625 0.375 0.437 | 210         | 0.25 0.625 0.537  | 53.7 -14.1 -10.6 | 17.7 216.9   | 0.25 0.625 0.625  | 53.4 -13.2 -9.3  | 16.2 215.2 1.6  | 197    | 0.0 1.0 0.767 | 55.4 -37.8 -28.4 |
| 763 | G50B_062_050e | 0.125 0.625 0.625 | 0.625 0.5 0.375   | 210         | 0.125 0.625 0.508 | 48.6 -18.9 -14.2 | 23.6 216.9   | 0.125 0.625 0.625 | 48.8 -18.8 -15.0 | 24.8 217.1 1.2  | 197    | 0.0 1.0 0.767 | 55.4 -37.8 -28.4 |
| 764 | G50B_062_062e | 0.0 0.625 0.625   | 0.625 0.625 0.312 | 210         | 0.0 0.625 0.479   | 43.5 -23.6 -17.8 | 29.5 216.9   | 0.0 0.625 0.625   | 44.2 -27.0 -21.2 | 34.4 218.1 4.9  | 197    | 0.0 1.0 0.767 | 55.4 -37.8 -28.4 |
| 765 | RO0Y_100_050e | 1.0 0.5 0.5       | 1.0 0.5 0.75      | 390         | 1.0 0.5 0.609     | 71.5 35.7 17.0   | 39.6 25.4    | 1.0 0.5 0.5       | 70.0 28.2 26.4   | 38.7 43.1 12.1  | 377    | 1.0 0.0 0.219 | 46.6 71.5 34.1   |
| 766 | RO0Y_087_037e | 0.875 0.5 0.5     | 0.875 0.375 0.687 | 390         | 0.875 0.5 0.582   | 68.6 26.8 12.7   | 29.7 25.4    | 0.875 0.5 0.5     | 67.4 23.8 22.7   | 32.9 43.6 10.4  | 377    | 1.0 0.0 0.219 | 46.6 71.5 34.1   |
| 767 | RO0Y_075_025e | 0.75 0.5 0.5      | 0.75 0.25 0.625   | 390         | 0.75 0.5 0.554    | 65.7 17.8 8.5    | 19.8 25.4    | 0.75 0.5 0.5      | 64.2 19.3 18.4   | 26.7 43.5 10.1  | 377    | 1.0 0.0 0.219 | 46.6 71.5 34.1   |
| 768 | RO0Y_062_012e | 0.625 0.5 0.5     | 0.625 0.125 0.562 | 390         | 0.625 0.5 0.527   | 62.9 8.9 4.2     | 9.9 25.4     | 0.625 0.5 0.5     | 60.8 14.2 14.2   | 20.1 45.0 11.5  | 377    | 1.0 0.0 0.219 | 46.6 71.5 34.1   |
| 769 | NW_050e       | 0.5 0.5 0.5       | 0.5 0.0 0.5       | 360         | 0.5 0.5 0.5       | 60.0 0.0 0.0     | 0.0 0.0      | 0.5 0.5 0.5       | 56.5 8.0 9.3     | 12.3 49.0 12.7  | 360    | 1.0 1.0 1.0   | 96.4 0.0 0.0     |
| 770 | G50B_050_012e | 0.375 0.5 0.5     | 0.5 0.125 0.437   | 210         | 0.375 0.5 0.47    | 54.9 -4.7 -3.5   | 5.9 216.9    | 0.375 0.5 0.5     | 52.4 1.1 3.5     | 3.6 72.5 9.4    | 197    | 0.0 1.0 0.767 | 55.4 -37.8 -28.4 |
| 771 | G50B_050_025e | 0.25 0.5 0.5      | 0.5 0.25 0.375    | 210         | 0.249 0.5 0.441   | 49.7 -9.4 -7.1   | 11.8 216.9   | 0.25 0.5 0.5      | 47.7 -6.6 -2.8   | 7.2 203.5 5.4   | 197    | 0.0 1.0 0.767 | 55.4 -37.8 -28.4 |
| 772 | G50B_050_037e | 0.125 0.5 0.5     | 0.5 0.375 0.312   | 210         | 0.124 0.5 0.412   | 44.6 -14.1 -10.6 | 17.7 216.9   | 0.125 0.5 0.5     | 43.5 -14.4 -8.9  | 16.9 211.8 2.0  | 197    | 0.0 1.0 0.767 | 55.4 -37.8 -28.4 |
| 773 | G50B_050_050e | 0.0 0.5 0.5       | 0.5 0.5 0.25      | 210         | 0.0 0.5 0.383     | 39.5 -3          |              |                   |                  |                 |        |               |                  |

http://130.149.60.45/~farbmetrik/SE18/SE18L0NA.TXT /.PS; transfer output  
N: no 3D-linearization (OL) in file (F) or PS-startup (S), page 30/33

SE1801A

TUB registration: 20130201-SE18/SE18L0NA.TXT /.PS  
application for measurement of offset print output, separationcnmy0 (CMY0)

TUB material: code=rha4ta

| n   | HIC*Fe        | rgb_Fe            | ict_Fe            | hsi_Fe | rgb*Fe            | LabCh*Fe       | rgb**Fe     | LabCh**Fe         | DE**Fe          | hsi_Me                | rgb*Me       | LabCh*Me       |
|-----|---------------|-------------------|-------------------|--------|-------------------|----------------|-------------|-------------------|-----------------|-----------------------|--------------|----------------|
| 810 | NW_100e       | 1.0 1.0 1.0       | 1.0 0.0 1.0       | 360    | 1.0 1.0 1.0       | 96.4 0.0 0.0   | 0.0 0.0 0.0 | 1.0 1.0 1.0       | 96.5 0.0 0.0    | 179.2 0.1 360         | 1.0 1.0 1.0  | 96.4 0.0 0.0   |
| 811 | B00R_100_012e | 0.875 0.875 1.0   | 1.0 0.125 0.937   | 270    | 0.875 0.922 1.0   | 89.2 0.1 -4.8  | 4.8 271.7   | 0.875 0.875 1.0   | 88.5 3.2 -4.8   | 5.8 303.7 3.2 247     | 0.0 0.38 1.0 | 38.7 1.1 -38.9 |
| 812 | B00R_100_025e | 0.75 0.75 1.0     | 1.0 0.25 0.875    | 270    | 0.75 0.845 1.0    | 82.0 0.2 -9.7  | 9.7 271.7   | 0.75 0.75 1.0     | 78.5 8.0 -9.7   | 12.6 309.6 8.4 247    | 0.0 0.38 1.0 | 38.7 1.1 -38.9 |
| 813 | B00R_100_037e | 0.625 0.625 1.0   | 1.0 0.375 0.812   | 270    | 0.625 0.767 1.0   | 74.8 0.4 -14.5 | 14.6 271.7  | 0.625 0.625 1.0   | 69.0 11.4 -14.7 | 18.6 307.9 12.4 247   | 0.0 0.38 1.0 | 38.7 1.1 -38.9 |
| 814 | B00R_100_050e | 0.5 0.5 1.0       | 1.0 0.5 0.75      | 270    | 0.5 0.69 1.0      | 67.6 0.5 -19.4 | 19.4 271.7  | 0.5 0.5 1.0       | 57.6 16.8 -20.1 | 26.2 309.9 19.0 247   | 0.0 0.38 1.0 | 38.7 1.1 -38.9 |
| 815 | B00R_100_062e | 0.375 0.375 1.0   | 1.0 0.625 0.687   | 270    | 0.375 0.613 1.0   | 60.3 0.7 -24.3 | 24.3 271.7  | 0.375 0.375 1.0   | 47.3 21.2 -25.0 | 32.8 310.3 24.3 247   | 0.0 0.38 1.0 | 38.7 1.1 -38.9 |
| 816 | B00R_100_075e | 0.25 0.25 1.0     | 1.0 0.75 0.625    | 270    | 0.25 0.535 1.0    | 53.1 0.8 -29.1 | 29.2 271.7  | 0.25 0.25 1.0     | 38.4 23.4 -30.1 | 38.1 307.8 26.9 247   | 0.0 0.38 1.0 | 38.7 1.1 -38.9 |
| 817 | B00R_100_087e | 0.125 0.125 1.0   | 1.0 0.875 0.562   | 270    | 0.125 0.458 1.0   | 45.9 1.0 -34.0 | 34.0 271.7  | 0.125 0.125 1.0   | 29.6 27.6 -34.5 | 44.2 308.7 31.2 247   | 0.0 0.38 1.0 | 38.7 1.1 -38.9 |
| 818 | B00R_100_100e | 0.0 0.0 1.0       | 1.0 1.0 0.5       | 270    | 0.0 0.38 1.0      | 38.7 1.1 -38.9 | 38.9 271.7  | 0.0 0.0 1.0       | 23.9 27.3 -37.8 | 46.6 305.8 30.0 247   | 0.0 0.38 1.0 | 38.7 1.1 -38.9 |
| 819 | Y00G_100_012e | 1.0 1.0 0.875     | 1.0 0.125 0.937   | 90     | 1.0 0.991 0.875   | 95.1 -0.4 10.9 | 10.9 92.3   | 1.0 1.0 0.875     | 95.5 -1.6 8.3   | 8.4 100.9 2.8 86      | 1.0 0.93 0.0 | 85.8 -3.5 87.4 |
| 820 | NW_087e       | 0.875 0.875 0.875 | 0.875 0.0 0.875   | 360    | 0.875 0.875 0.875 | 87.3 0.0 0.0   | 0.0 0.0     | 0.875 0.875 0.875 | 87.5 1.5 2.9    | 3.3 61.8 3.3 360      | 1.0 1.0 1.0  | 96.4 0.0 0.0   |
| 821 | B00R_087_012e | 0.75 0.75 0.875   | 0.875 0.125 0.812 | 270    | 0.75 0.797 0.875  | 80.1 0.1 -4.8  | 4.8 271.7   | 0.75 0.75 0.875   | 77.6 6.1 -2.5   | 6.6 337.3 6.8 247     | 0.0 0.38 1.0 | 38.7 1.1 -38.9 |
| 822 | B00R_087_025e | 0.625 0.625 0.875 | 0.875 0.25 0.75   | 270    | 0.625 0.72 0.875  | 72.9 0.2 -9.7  | 9.7 271.7   | 0.625 0.625 0.875 | 68.5 9.4 -7.7   | 12.1 320.7 10.3 247   | 0.0 0.38 1.0 | 38.7 1.1 -38.9 |
| 823 | B00R_087_037e | 0.5 0.5 0.875     | 0.875 0.375 0.687 | 270    | 0.5 0.642 0.875   | 65.7 0.4 -14.5 | 14.6 271.7  | 0.5 0.5 0.875     | 57.5 14.4 -13.6 | 19.8 316.6 16.2 247   | 0.0 0.38 1.0 | 38.7 1.1 -38.9 |
| 824 | B00R_087_050e | 0.375 0.375 0.875 | 0.875 0.5 0.625   | 270    | 0.375 0.565 0.875 | 58.5 0.5 -19.4 | 19.4 271.7  | 0.375 0.375 0.875 | 47.4 18.4 -19.1 | 26.5 313.9 20.9 247   | 0.0 0.38 1.0 | 38.7 1.1 -38.9 |
| 825 | B00R_087_062e | 0.25 0.25 0.875   | 0.875 0.625 0.562 | 270    | 0.25 0.488 0.875  | 51.2 0.7 -24.3 | 24.3 271.7  | 0.25 0.25 0.875   | 38.2 20.4 -24.7 | 32.0 309.4 23.5 247   | 0.0 0.38 1.0 | 38.7 1.1 -38.9 |
| 826 | B00R_087_075e | 0.125 0.125 0.875 | 0.875 0.75 0.5    | 270    | 0.125 0.41 0.875  | 44.0 0.8 -29.1 | 29.2 271.7  | 0.125 0.125 0.875 | 29.8 24.1 -29.8 | 38.4 308.9 27.2 247   | 0.0 0.38 1.0 | 38.7 1.1 -38.9 |
| 827 | B00R_087_087e | 0.0 0.0 0.875     | 0.875 0.875 0.437 | 270    | 0.0 0.333 0.875   | 36.8 1.0 -34.0 | 34.0 271.7  | 0.0 0.0 0.875     | 23.9 23.6 -33.7 | 41.1 305.0 26.0 247   | 0.0 0.38 1.0 | 38.7 1.1 -38.9 |
| 828 | Y00G_100_025e | 1.0 1.0 0.75      | 1.0 0.25 0.875    | 90     | 1.0 0.982 0.75    | 93.8 -0.8 21.8 | 21.8 92.3   | 1.0 1.0 0.75      | 94.3 -2.7 16.9  | 17.1 99.2 5.2 86      | 1.0 0.93 0.0 | 85.8 -3.5 87.4 |
| 829 | Y00G_087_012e | 0.875 0.875 0.75  | 0.875 0.125 0.812 | 90     | 0.875 0.866 0.75  | 86.0 -0.4 10.9 | 10.9 92.3   | 0.875 0.875 0.75  | 86.5 0.2 11.2   | 11.2 88.8 0.8 86      | 1.0 0.93 0.0 | 85.8 -3.5 87.4 |
| 830 | NW_075e       | 0.75 0.75 0.75    | 0.75 0.0 0.75     | 360    | 0.75 0.75 0.75    | 78.0 0.0 0.0   | 0.0 0.0     | 0.75 0.75 0.75    | 76.9 4.5 5.4    | 7.0 49.9 7.1 360      | 1.0 1.0 1.0  | 96.4 0.0 0.0   |
| 831 | B00R_075_012e | 0.625 0.625 0.75  | 0.75 0.125 0.687  | 270    | 0.625 0.672 0.75  | 71.0 0.1 -4.8  | 4.8 271.7   | 0.625 0.625 0.75  | 67.9 7.5 -0.3   | 7.5 357.1 9.1 247     | 0.0 0.38 1.0 | 38.7 1.1 -38.9 |
| 832 | B00R_075_025e | 0.5 0.5 0.75      | 0.75 0.25 0.625   | 270    | 0.5 0.595 0.75    | 63.8 0.2 -9.7  | 9.7 271.7   | 0.5 0.5 0.75      | 56.9 12.3 -6.7  | 14.0 331.1 14.1 247   | 0.0 0.38 1.0 | 38.7 1.1 -38.9 |
| 833 | B00R_075_037e | 0.375 0.375 0.75  | 0.75 0.375 0.562  | 270    | 0.375 0.517 0.75  | 56.6 0.4 -14.5 | 14.6 271.7  | 0.375 0.375 0.75  | 47.1 15.6 -12.7 | 20.2 320.8 18.0 247   | 0.0 0.38 1.0 | 38.7 1.1 -38.9 |
| 834 | B00R_075_050e | 0.25 0.25 0.75    | 0.75 0.5 0.5      | 270    | 0.25 0.44 0.75    | 49.3 0.5 -19.4 | 19.4 271.7  | 0.25 0.25 0.75    | 38.3 17.2 -18.9 | 25.6 312.2 19.9 247   | 0.0 0.38 1.0 | 38.7 1.1 -38.9 |
| 835 | B00R_075_062e | 0.125 0.125 0.75  | 0.75 0.625 0.437  | 270    | 0.125 0.363 0.75  | 42.1 0.7 -24.3 | 24.3 271.7  | 0.125 0.125 0.75  | 29.9 20.4 -24.7 | 32.0 309.5 23.1 247   | 0.0 0.38 1.0 | 38.7 1.1 -38.9 |
| 836 | B00R_075_075e | 0.0 0.0 0.75      | 0.75 0.75 0.375   | 270    | 0.0 0.285 0.75    | 34.9 0.8 -29.1 | 29.2 271.7  | 0.0 0.0 0.75      | 23.9 19.6 -29.2 | 35.2 303.8 21.7 247   | 0.0 0.38 1.0 | 38.7 1.1 -38.9 |
| 837 | Y00G_100_037e | 1.0 1.0 0.625     | 1.0 0.375 0.812   | 90     | 1.0 0.973 0.625   | 92.5 -1.3 32.7 | 32.8 92.3   | 1.0 1.0 0.625     | 93.0 -3.9 27.2  | 27.5 98.2 6.1 86      | 1.0 0.93 0.0 | 85.8 -3.5 87.4 |
| 838 | Y00G_087_025e | 0.875 0.875 0.625 | 0.875 0.25 0.75   | 90     | 0.875 0.857 0.625 | 84.7 -0.8 21.8 | 21.8 92.3   | 0.875 0.875 0.625 | 85.5 -1.1 20.4  | 20.4 93.1 1.6 86      | 1.0 0.93 0.0 | 85.8 -3.5 87.4 |
| 839 | Y00G_075_012e | 0.75 0.75 0.625   | 0.75 0.125 0.687  | 90     | 0.75 0.741 0.625  | 76.9 -0.4 10.9 | 10.9 92.3   | 0.75 0.75 0.625   | 76.0 2.9 13.9   | 14.2 78.0 4.6 86      | 1.0 0.93 0.0 | 85.8 -3.5 87.4 |
| 840 | NW_062e       | 0.625 0.625 0.625 | 0.625 0.0 0.625   | 360    | 0.625 0.625 0.625 | 69.1 0.0 0.0   | 0.0 0.0     | 0.625 0.625 0.625 | 67.5 5.7 7.9    | 9.8 53.8 9.9 360      | 1.0 1.0 1.0  | 96.4 0.0 0.0   |
| 841 | B00R_062_012e | 0.5 0.5 0.625     | 0.625 0.125 0.562 | 270    | 0.5 0.547 0.625   | 61.9 0.1 -4.8  | 4.8 271.7   | 0.5 0.5 0.625     | 56.3 10.4 0.4   | 10.4 25 12.8 247      | 0.0 0.38 1.0 | 38.7 1.1 -38.9 |
| 842 | B00R_062_025e | 0.375 0.375 0.625 | 0.625 0.25 0.5    | 270    | 0.375 0.47 0.625  | 54.9 0.2 -9.7  | 9.7 271.7   | 0.375 0.375 0.625 | 46.9 13.1 -6.2  | 14.5 334.7 15.4 247   | 0.0 0.38 1.0 | 38.7 1.1 -38.9 |
| 843 | B00R_062_037e | 0.25 0.25 0.625   | 0.625 0.375 0.437 | 270    | 0.25 0.392 0.625  | 47.5 0.4 -14.5 | 14.6 271.7  | 0.25 0.25 0.625   | 38.2 15.0 -13.0 | 19.9 318.9 17.3 247   | 0.0 0.38 1.0 | 38.7 1.1 -38.9 |
| 844 | B00R_062_050e | 0.125 0.125 0.625 | 0.625 0.5 0.375   | 270    | 0.125 0.315 0.625 | 40.2 0.5 -19.4 | 19.4 271.7  | 0.125 0.125 0.625 | 29.8 18.0 -19.9 | 26.8 312.0 20.2 247   | 0.0 0.38 1.0 | 38.7 1.1 -38.9 |
| 845 | B00R_062_062e | 0.0 0.0 0.625     | 0.625 0.625 0.312 | 270    | 0.0 0.238 0.625   | 33.0 0.7 -24.3 | 24.3 271.7  | 0.0 0.0 0.625     | 23.8 16.1 -25.0 | 29.7 302.7 17.9 247   | 0.0 0.38 1.0 | 38.7 1.1 -38.9 |
| 846 | Y00G_100_050e | 1.0 1.0 0.5       | 1.0 0.5 0.75      | 90     | 1.0 0.965 0.5     | 91.1 -1.7 43.7 | 43.7 92.3   | 1.0 1.0 0.5       | 91.8 -4.7       | 38.1 38.4 97.1 6.3 86 | 1.0 0.93 0.0 | 85.8 -3.5 87.4 |
| 847 | Y00G_087_037e | 0.875 0.875 0.5   | 0.875 0.375 0.687 | 90     | 0.875 0.848 0.5   | 83.3 -1.3 32.7 | 32.8 92.3   | 0.875 0.875 0.5   | 84.2 -2.3       | 31.2 31.3 94.2 2.0 86 | 1.0 0.93 0.0 | 85.8 -3.5 87.4 |
| 848 | Y00G_075_025e | 0.75 0.75 0.5     | 0.75 0.25 0.625   | 90     | 0.75 0.732 0.5    | 75.6 -0.8 21.8 | 21.8 92.3   | 0.75 0.75 0.5     | 75.2 1.5 24.0   | 24.0 86.3 3.2 86      | 1.0 0.93 0.0 | 85.8 -3.5 87.4 |
| 849 | Y00G_062_012e | 0.625 0.625 0.5   | 0.625 0.125 0.562 | 90     | 0.625 0.616 0.5   | 67.8 -0.4 10.9 | 10.9 92.3   | 0.625 0.625 0.5   | 66.8 4.2 16.7   | 17.3 75.6 7.5 86      | 1.0 0.93 0.0 | 85.8 -3.5 87.4 |
| 850 | NW_050e       | 0.5 0.5 0.5       | 0.5 0.0 0.5       | 360    | 0.5 0.5 0.5       | 60.0 0.0 0.0   | 0.0 0.0     | 0.5 0.5 0.5       | 56.1 8.4 8.5    | 11.9 45.4 12.6 360    | 1.0 1.0 1.0  | 96.4 0.0 0.0   |
| 851 | B00R_050_012e | 0.375 0.375 0.5   | 0.5 0.125 0.437   | 270    | 0.375 0.422 0.5   | 52.8 0.1 -4.8  | 4.8 271.7   | 0.375 0.375 0.5   | 46.6 11.1 1.0   | 11.1 5.5 13.9 247     | 0.0 0.38 1.0 | 38.7 1.1 -38.9 |
| 852 | B00R_050_025e | 0.25 0.25 0.5     | 0.5 0.25 0.375    | 270    | 0.249 0.345 0.5   | 45.6 0.2 -9.7  | 9.7 271.7   | 0.25 0.25 0.5     | 37.9 12.5 -6.7  | 14.2 331.8 14.7 247   | 0.0 0.38 1.0 | 38.7 1.1 -38.9 |
| 853 | B00R_050_037e | 0.125 0.125 0.5   | 0.5 0.375 0.312   | 270    | 0.124 0.267 0.5   | 38.3 0.4 -14.5 | 14.6 271.7  | 0.125 0.125 0.5   | 29.8 14.8 -14.5 | 20.7 315.5 16.7 247   | 0.0 0.38 1.0 | 38.7 1.1 -38.9 |
| 854 | B00R_050_050e | 0.0 0.0 0.5       | 0.5 0.5 0.25      | 270    | 0.0 0.19 0.5      | 31.1 0.5 -19.4 | 19.4 271.7  | 0.0 0.0 0.5       | 23.9 12.4 -20.2 | 23.7 301.6 13.9 247   | 0.0 0.38 1.0 | 38.7 1.1 -38.9 |
| 855 | Y00G_100_062e | 1.0 1.0 0.375     | 1.0 0.625 0.687   | 90     | 1.0 0.956 0.375   | 89.8 -2.2 54.6 | 54.7 92.3   | 1.0 1.0 0.375     | 90.5 -5.3       | 49.5 49.8 96.1 6.0 86 | 1.0 0.93 0.0 | 85.8 -3.5 87.4 |
| 856 | Y00G_087_050e | 0.875 0.875 0.375 | 0.875 0.5 0.625   | 90     | 0.875 0.84 0.375  | 82.0 -1.7 43.7 | 43.7 92.3   | 0.875 0.875 0.375 | 83.2 -2.9       | 42.1 42.2 94.0 2.3 86 | 1.0 0.93 0.0 | 85.8 -3.5 87.4 |
| 857 | Y00G_075_037e | 0.75 0.75 0.375   | 0.75 0.375 0.562  | 90     | 0.75 0.723 0.375  | 74.2 -1.3 32.7 | 32.8 92.3   | 0.75 0.75 0.375   | 74.2 0.5 34.3   | 34.3 89.0 2.4 86      | 1.0 0.93 0.0 | 85.8 -3.5 87.4 |
| 858 | Y00G_062_025e | 0.625 0.625 0.375 | 0.625 0.25 0.5    | 90     | 0.625 0.607 0.375 | 66.5 -0.8 21.8 | 21.8 92.3   | 0.625 0.625 0.375 | 65.9 2.9 26.5   | 26.7 83.7 6.0 86      | 1.0 0.93 0.0 | 85.8 -3.5 87.4 |
| 859 | Y00G_050_012e | 0.5 0.5 0.375     | 0.5 0.125 0.437   | 90     | 0.5 0.491 0.375   | 58.7 -0.4 10.9 | 10.9 92.3   | 0.5 0.5 0.375     | 55.7 6.6 17.3   | 18.5 69.0 9.9 86      | 1.0 0.93 0.0 | 85.8 -3.5 87.4 |
| 860 | NW_037e       | 0.375 0.375 0.375 | 0.375 0.0 0.375   | 360    | 0.375 0.375 0.375 | 50.9 0.0 0.0   | 0.0 0.0     | 0.375 0.375 0.375 | 46.3 9.5 8.4    | 12.8 41.5 13.6 360    | 1.0 1.0 1.0  | 96.4 0.0 0.0   |
| 861 | B00R_037_012e | 0.25 0.25 0.375   | 0.375 0.125 0.312 | 270    | 0.249 0.297 0.375 | 43.7 0.1 -4.8  | 4.8 271.7   | 0.25 0.25 0.375   | 38.1 10.2 0.0   | 10.2 0.2 12.5 247     | 0.0 0.38 1.0 | 38.7 1.1 -38.9 |
| 862 | B00R_037_025e | 0.125 0.125 0.375 | 0.375 0.25 0.25   | 270    | 0.124 0.22 0.375  | 36.5 0.2 -9.7  | 9.7 271.7   | 0.125 0.125 0.375 | 29.7 11.7 -8.9  | 14.7 322.7 13.3 247   | 0.0 0.38 1.0 | 38.7 1.1 -38.9 |
| 863 | B00R_037_037e | 0.0 0.0 0.375     | 0.375 0.375 0.187 | 270    | 0.0 0.142 0.375   | 29.2 0.4 -14.5 | 14.6 271.7  | 0.0 0.0 0.375     | 24.0 8.3 -15.4  | 17.5 298.3 9.4 247    | 0.0 0.38 1.0 |                |

http://130.149.60.45/~farbmetrik/SE18/SE18L0NA.TXT /.PS; transfer output  
N: no 3D-linearization (OL) in file (F) or PS-startup (S), page 31/33

SE1801A

TUB registration: 20130201-SE18/SE18L0NA.TXT /.PS  
application for measurement of offset print output, separationcnmy0 (CMY0)

TUB material: code=rh4ta

| n   | HIC*Fe        | rgb_Fe            | ict_Fe            | hsi_Fe | rgb*Fe            | LabCh*Fe        | rgb**Fe     | LabCh**Fe         | DE**Fe          | hsiMe           | rgb*Me      | LabCh*Me      |                 |                 |            |
|-----|---------------|-------------------|-------------------|--------|-------------------|-----------------|-------------|-------------------|-----------------|-----------------|-------------|---------------|-----------------|-----------------|------------|
| 891 | NW_100e       | 1.0 1.0 1.0       | 1.0 0.0 1.0       | 360    | 1.0 1.0 1.0       | 96.4 0.0 0.0    | 0.0 0.0 0.0 | 1.0 1.0 1.0       | 96.5 0.0 0.1    | 0.1 113.9 0.1   | 360         | 1.0 1.0 1.0   | 96.4 0.0 0.0    | 0.0 0.0         |            |
| 892 | B50R_100_012e | 1.0 0.875 1.0     | 1.0 0.125 0.937   | 330    | 0.914 0.875 1.0   | 88.3 5.7 -3.4   | 6.6 328.6   | 1.0 0.875 1.0     | 91.8 6.1 -1.1   | 6.2 349.5 4.2   | 288         | 0.319 0.0 1.0 | 31.5 45.7 -27.9 | 53.5 328.6      |            |
| 893 | B50R_100_025e | 1.0 0.75 1.0      | 1.0 0.25 0.875    | 330    | 0.829 0.75 1.0    | 80.2 11.4 -6.9  | 13.3 328.6  | 1.0 0.75 1.0      | 85.8 14.1 -2.1  | 14.2 351.5 7.8  | 288         | 0.319 0.0 1.0 | 31.5 45.7 -27.9 | 53.5 328.6      |            |
| 894 | B50R_100_037e | 1.0 0.625 1.0     | 1.0 0.375 0.812   | 330    | 0.744 0.625 1.0   | 72.1 17.1 -10.4 | 20.0 328.6  | 1.0 0.625 1.0     | 80.1 21.9 -2.7  | 22.1 352.7 12.0 | 288         | 0.319 0.0 1.0 | 31.5 45.7 -27.9 | 53.5 328.6      |            |
| 895 | B50R_100_050e | 1.0 0.5 1.0       | 1.0 0.5 0.75      | 330    | 0.659 0.5 1.0     | 64.0 22.8 -13.9 | 26.7 328.6  | 1.0 0.5 1.0       | 72.2 33.4 -3.4  | 33.6 354.1 17.0 | 288         | 0.319 0.0 1.0 | 31.5 45.7 -27.9 | 53.5 328.6      |            |
| 896 | B50R_100_062e | 1.0 0.375 1.0     | 1.0 0.625 0.687   | 330    | 0.574 0.375 1.0   | 55.8 28.5 -17.4 | 33.4 328.6  | 1.0 0.375 1.0     | 65.2 44.4 -3.3  | 44.5 355.7 23.2 | 288         | 0.319 0.0 1.0 | 31.5 45.7 -27.9 | 53.5 328.6      |            |
| 897 | B50R_100_075e | 1.0 0.25 1.0      | 1.0 0.75 0.625    | 330    | 0.489 0.25 1.0    | 47.7 34.3 -20.9 | 40.1 328.6  | 1.0 0.25 1.0      | 58.3 56.5 -2.6  | 56.5 357.2 30.6 | 288         | 0.319 0.0 1.0 | 31.5 45.7 -27.9 | 53.5 328.6      |            |
| 898 | B50R_100_087e | 1.0 0.125 1.0     | 1.0 0.875 0.562   | 330    | 0.404 0.125 1.0   | 39.6 40.0 -24.4 | 46.8 328.6  | 1.0 0.125 1.0     | 51.3 69.4 -1.3  | 69.4 358.8 39.1 | 288         | 0.319 0.0 1.0 | 31.5 45.7 -27.9 | 53.5 328.6      |            |
| 899 | B50R_100_100e | 1.0 0.0 1.0       | 1.0 1.0 0.5       | 330    | 0.319 0.0 1.0     | 31.5 45.7 -27.9 | 53.5 328.6  | 1.0 0.0 1.0       | 46.3 79.0 0.7   | 79.0 0.5 46.3   | 288         | 0.319 0.0 1.0 | 31.5 45.7 -27.9 | 53.5 328.6      |            |
| 900 | GO0B_100_012e | 0.875 1.0 0.875   | 1.0 0.125 0.937   | 150    | 0.875 1.0 0.889   | 90.7 -7.8 2.5   | 8.2 162.2   | 0.875 1.0 0.875   | 91.9 -7.4 6.4   | 136.6 3.8 155   | 0.0 1.0 1.0 | 1.0 1.0 1.0   | 50.3 -62.6 20.1 | 65.8 162.2      |            |
| 901 | NW_087e       | 0.875 0.875 0.875 | 0.875 0.0 0.875   | 360    | 0.875 0.875 0.875 | 87.3 0.0 0.0    | 0.0 0.0     | 0.875 0.875 0.875 | 87.6 1.4 2.8    | 3.1 63.4 3.1    | 360         | 1.0 1.0 1.0   | 96.4 0.0 0.0    | 0.0 0.0         |            |
| 902 | B50R_087_012e | 0.875 0.75 0.875  | 0.875 0.125 0.812 | 330    | 0.789 0.75 0.875  | 79.2 5.7 -3.4   | 6.6 328.6   | 0.875 0.75 0.875  | 81.8 9.4 1.5    | 9.6 9.3 6.8     | 288         | 0.319 0.0 1.0 | 31.5 45.7 -27.9 | 53.5 328.6      |            |
| 903 | B50R_087_025e | 0.875 0.625 0.875 | 0.875 0.25 0.75   | 330    | 0.704 0.625 0.875 | 71.1 11.4 -6.9  | 13.3 328.6  | 0.875 0.625 0.875 | 76.4 16.9 0.7   | 16.9 2.3 10.8   | 288         | 0.319 0.0 1.0 | 31.5 45.7 -27.9 | 53.5 328.6      |            |
| 904 | B50R_087_037e | 0.875 0.5 0.875   | 0.875 0.375 0.687 | 330    | 0.619 0.5 0.875   | 63.0 17.1 -10.4 | 20.0 328.6  | 0.875 0.5 0.875   | 69.1 28.3 -0.3  | 28.3 359.2 16.2 | 288         | 0.319 0.0 1.0 | 31.5 45.7 -27.9 | 53.5 328.6      |            |
| 905 | B50R_087_050e | 0.875 0.375 0.875 | 0.875 0.5 0.625   | 330    | 0.534 0.375 0.875 | 54.8 22.8 -13.9 | 26.7 328.6  | 0.875 0.375 0.875 | 62.4 39.0 -0.7  | 39.0 358.8 22.1 | 288         | 0.319 0.0 1.0 | 31.5 45.7 -27.9 | 53.5 328.6      |            |
| 906 | B50R_087_062e | 0.875 0.25 0.875  | 0.875 0.625 0.562 | 330    | 0.449 0.25 0.875  | 46.7 28.5 -17.4 | 33.4 328.6  | 0.875 0.25 0.875  | 55.8 50.5 -0.8  | 50.5 359.0 29.0 | 288         | 0.319 0.0 1.0 | 31.5 45.7 -27.9 | 53.5 328.6      |            |
| 907 | B50R_087_075e | 0.875 0.125 0.875 | 0.875 0.75 0.5    | 330    | 0.364 0.125 0.875 | 38.6 34.3 -20.9 | 40.1 328.6  | 0.875 0.125 0.875 | 48.9 63.6 -0.3  | 63.6 359.7 37.3 | 288         | 0.319 0.0 1.0 | 31.5 45.7 -27.9 | 53.5 328.6      |            |
| 908 | B50R_087_087e | 0.875 0.0 0.875   | 0.875 0.875 0.437 | 330    | 0.279 0.0 0.875   | 30.5 40.0 -24.4 | 46.8 328.6  | 0.875 0.0 0.875   | 43.9 73.6 1.1   | 73.6 0.9 44.3   | 288         | 0.319 0.0 1.0 | 31.5 45.7 -27.9 | 53.5 328.6      |            |
| 909 | GO0B_100_025e | 0.75 1.0 0.75     | 1.0 0.25 0.875    | 150    | 0.75 1.0 0.778    | 84.9 -15.6 5.0  | 16.4 162.2  | 0.75 1.0 0.75     | 86.7 -9.3 8.2   | 12.4 138.6 7.3  | 155         | 0.0 1.0 1.0   | 1.0 1.0 1.0     | 50.3 -62.6 20.1 | 65.8 162.2 |
| 910 | GO0B_087_012e | 0.75 0.875 0.75   | 0.875 0.125 0.812 | 150    | 0.75 0.875 0.764  | 81.6 -7.8 2.5   | 8.2 162.2   | 0.75 0.875 0.75   | 82.6 -3.4 6.6   | 7.4 117.5 6.1   | 155         | 0.0 1.0 1.0   | 1.0 1.0 1.0     | 50.3 -62.6 20.1 | 65.8 162.2 |
| 911 | NW_075e       | 0.75 0.75 0.75    | 0.75 0.0 0.75     | 360    | 0.75 0.75 0.75    | 78.2 0.0 0.0    | 0.0 0.0     | 0.75 0.75 0.75    | 77.4 4.1 5.2    | 6.6 51.3 6.7    | 360         | 1.0 1.0 1.0   | 96.4 0.0 0.0    | 0.0 0.0         |            |
| 912 | B50R_075_012e | 0.75 0.625 0.75   | 0.75 0.125 0.687  | 330    | 0.664 0.625 0.75  | 70.1 5.7 -3.4   | 6.6 328.6   | 0.75 0.625 0.75   | 72.4 11.4 3.9   | 12.1 19.2 9.6   | 288         | 0.319 0.0 1.0 | 31.5 45.7 -27.9 | 53.5 328.6      |            |
| 913 | B50R_075_025e | 0.75 0.5 0.75     | 0.75 0.25 0.625   | 330    | 0.579 0.5 0.75    | 62.0 11.4 -6.9  | 13.3 328.6  | 0.75 0.5 0.75     | 65.4 22.3 2.4   | 22.4 6.1 14.7   | 288         | 0.319 0.0 1.0 | 31.5 45.7 -27.9 | 53.5 328.6      |            |
| 914 | B50R_075_037e | 0.75 0.375 0.75   | 0.75 0.375 0.562  | 330    | 0.494 0.375 0.75  | 53.9 17.1 -10.4 | 20.0 328.6  | 0.75 0.375 0.75   | 59.2 32.7 1.5   | 32.8 2.6 20.4   | 288         | 0.319 0.0 1.0 | 31.5 45.7 -27.9 | 53.5 328.6      |            |
| 915 | B50R_075_050e | 0.75 0.25 0.75    | 0.75 0.5 0.5      | 330    | 0.409 0.25 0.75   | 45.7 22.8 -13.9 | 26.7 328.6  | 0.75 0.25 0.75    | 52.6 44.2 0.8   | 44.2 1.1 26.9   | 288         | 0.319 0.0 1.0 | 31.5 45.7 -27.9 | 53.5 328.6      |            |
| 916 | B50R_075_062e | 0.75 0.125 0.75   | 0.75 0.625 0.437  | 330    | 0.324 0.125 0.75  | 37.6 28.5 -17.4 | 33.4 328.6  | 0.75 0.125 0.75   | 45.3 56.9 0.6   | 56.9 0.6 34.7   | 288         | 0.319 0.0 1.0 | 31.5 45.7 -27.9 | 53.5 328.6      |            |
| 917 | B50R_075_075e | 0.75 0.0 0.75     | 0.75 0.75 0.375   | 330    | 0.239 0.0 0.75    | 29.5 33.3 -20.9 | 40.1 328.6  | 0.75 0.0 0.75     | 41.3 67.2 1.1   | 67.2 0.9 41.3   | 288         | 0.319 0.0 1.0 | 31.5 45.7 -27.9 | 53.5 328.6      |            |
| 918 | GO0B_100_037e | 0.625 1.0 0.625   | 1.0 0.375 0.812   | 150    | 0.625 1.0 0.667   | 79.1 -23.5 7.5  | 24.6 162.2  | 0.625 1.0 0.625   | 81.0 -14.8 12.4 | 19.3 140.0 10.1 | 155         | 0.0 1.0 1.0   | 1.0 1.0 1.0     | 50.3 -62.6 20.1 | 65.8 162.2 |
| 919 | GO0B_087_025e | 0.625 0.875 0.625 | 0.875 0.25 0.75   | 150    | 0.625 0.875 0.653 | 75.8 -15.6 5.0  | 16.4 162.2  | 0.625 0.875 0.625 | 77.3 -9.0 10.4  | 13.8 130.7 8.7  | 155         | 0.0 1.0 1.0   | 1.0 1.0 1.0     | 50.3 -62.6 20.1 | 65.8 162.2 |
| 920 | GO0B_075_012e | 0.625 0.75 0.625  | 0.75 0.125 0.687  | 150    | 0.625 0.75 0.639  | 72.5 -7.8 2.5   | 8.2 162.2   | 0.625 0.75 0.625  | 72.5 -1.4 8.9   | 9.0 98.9 9.0    | 155         | 0.0 1.0 1.0   | 1.0 1.0 1.0     | 50.3 -62.6 20.1 | 65.8 162.2 |
| 921 | NW_062e       | 0.625 0.625 0.625 | 0.625 0.0 0.625   | 360    | 0.625 0.625 0.625 | 69.1 0.0 0.0    | 0.0 0.0     | 0.625 0.625 0.625 | 67.8 5.4 7.2    | 9.1 52.9 9.1    | 360         | 1.0 1.0 1.0   | 96.4 0.0 0.0    | 0.0 0.0         |            |
| 922 | B50R_062_012e | 0.625 0.5 0.625   | 0.625 0.125 0.562 | 330    | 0.539 0.5 0.625   | 61.0 5.7 -3.4   | 6.6 328.6   | 0.625 0.5 0.625   | 61.4 15.9 5.3   | 16.8 18.4 13.5  | 288         | 0.319 0.0 1.0 | 31.5 45.7 -27.9 | 53.5 328.6      |            |
| 923 | B50R_062_025e | 0.625 0.375 0.625 | 0.625 0.25 0.5    | 330    | 0.454 0.375 0.625 | 52.9 11.4 -6.9  | 13.3 328.6  | 0.625 0.375 0.625 | 55.6 26.0 3.8   | 26.3 8.4 18.3   | 288         | 0.319 0.0 1.0 | 31.5 45.7 -27.9 | 53.5 328.6      |            |
| 924 | B50R_062_037e | 0.625 0.25 0.625  | 0.625 0.375 0.437 | 330    | 0.369 0.25 0.625  | 44.7 17.1 -10.4 | 20.0 328.6  | 0.625 0.25 0.625  | 49.4 37.4 2.5   | 37.5 3.8 24.5   | 288         | 0.319 0.0 1.0 | 31.5 45.7 -27.9 | 53.5 328.6      |            |
| 925 | B50R_062_050e | 0.625 0.125 0.625 | 0.625 0.5 0.375   | 330    | 0.284 0.125 0.625 | 36.6 22.8 -13.9 | 26.7 328.6  | 0.625 0.125 0.625 | 43.2 49.9 1.4   | 49.9 1.6 31.8   | 288         | 0.319 0.0 1.0 | 31.5 45.7 -27.9 | 53.5 328.6      |            |
| 926 | B50R_062_062e | 0.625 0.0 0.625   | 0.625 0.625 0.312 | 330    | 0.199 0.0 0.625   | 28.5 28.5 -17.4 | 33.4 328.6  | 0.625 0.0 0.625   | 38.6 59.8 1.2   | 59.8 1.2 37.8   | 288         | 0.319 0.0 1.0 | 31.5 45.7 -27.9 | 53.5 328.6      |            |
| 927 | GO0B_100_050e | 0.5 1.0 0.5       | 1.0 0.5 0.75      | 150    | 0.5 1.0 0.556     | 73.4 -31.3 10.0 | 32.9 162.2  | 0.5 1.0 0.5       | 74.9 -21.3 16.1 | 26.7 142.8 11.8 | 155         | 0.0 1.0 1.0   | 1.0 1.0 1.0     | 50.3 -62.6 20.1 | 65.8 162.2 |
| 928 | GO0B_087_037e | 0.5 0.875 0.5     | 0.875 0.375 0.687 | 150    | 0.5 0.875 0.542   | 70.0 -23.5 7.5  | 24.6 162.2  | 0.5 0.875 0.5     | 71.5 -15.9 14.0 | 21.2 138.6 10.0 | 155         | 0.0 1.0 1.0   | 1.0 1.0 1.0     | 50.3 -62.6 20.1 | 65.8 162.2 |
| 929 | GO0B_075_025e | 0.5 0.75 0.5      | 0.75 0.25 0.625   | 150    | 0.5 0.75 0.528    | 66.7 -15.6 5.0  | 16.4 162.2  | 0.5 0.75 0.5      | 67.0 -8.4 12.4  | 15.0 124.1 10.3 | 155         | 0.0 1.0 1.0   | 1.0 1.0 1.0     | 50.3 -62.6 20.1 | 65.8 162.2 |
| 930 | GO0B_062_012e | 0.5 0.625 0.5     | 0.625 0.125 0.562 | 150    | 0.5 0.625 0.514   | 63.3 -7.8 2.5   | 8.2 162.2   | 0.5 0.625 0.5     | 62.8 -2.1 10.4  | 10.6 101.6 9.7  | 155         | 0.0 1.0 1.0   | 1.0 1.0 1.0     | 50.3 -62.6 20.1 | 65.8 162.2 |
| 931 | NW_050e       | 0.5 0.5 0.5       | 0.5 0.0 0.5       | 360    | 0.5 0.5 0.5       | 60.0 0.0 0.0    | 0.0 0.0     | 0.5 0.5 0.5       | 56.9 8.2 8.0    | 11.5 44.0 11.9  | 360         | 1.0 1.0 1.0   | 96.4 0.0 0.0    | 0.0 0.0         |            |
| 932 | B50R_050_012e | 0.5 0.375 0.5     | 0.5 0.125 0.437   | 330    | 0.414 0.375 0.5   | 51.9 5.7 -3.4   | 6.6 328.6   | 0.5 0.375 0.5     | 51.4 18.0 5.8   | 19.0 17.7 15.4  | 288         | 0.319 0.0 1.0 | 31.5 45.7 -27.9 | 53.5 328.6      |            |
| 933 | B50R_050_025e | 0.5 0.25 0.5      | 0.5 0.25 0.375    | 330    | 0.329 0.249 0.5   | 43.8 11.4 -6.9  | 13.3 328.6  | 0.5 0.25 0.5      | 45.6 29.1 3.7   | 29.3 7.3 20.7   | 288         | 0.319 0.0 1.0 | 31.5 45.7 -27.9 | 53.5 328.6      |            |
| 934 | B50R_050_037e | 0.5 0.125 0.5     | 0.5 0.375 0.312   | 330    | 0.244 0.124 0.5   | 35.6 17.1 -10.4 | 20.0 328.6  | 0.5 0.125 0.5     | 39.9 41.1 1.8   | 41.1 2.6 27.2   | 288         | 0.319 0.0 1.0 | 31.5 45.7 -27.9 | 53.5 328.6      |            |
| 935 | B50R_050_050e | 0.5 0.0 0.5       | 0.5 0.5 0.25      | 330    | 0.159 0.0 0.5     | 27.5 22.8 -13.9 | 26.7 328.6  | 0.5 0.0 0.5       | 35.3 50.7 0.7   | 50.7 0.8 32.4   | 288         | 0.319 0.0 1.0 | 31.5 45.7 -27.9 | 53.5 328.6      |            |
| 936 | GO0B_100_062e | 0.375 1.0 0.375   | 1.0 0.625 0.687   | 150    | 0.375 1.0 0.445   | 67.6 -39.1 12.5 | 41.1 162.2  | 0.375 1.0 0.375   | 68.4 -29.0 20.0 | 35.2 145.4 12.6 | 155         | 0.0 1.0 1.0   | 1.0 1.0 1.0     | 50.3 -62.6 20.1 | 65.8 162.2 |
| 937 | GO0B_087_050e | 0.375 0.875 0.375 | 0.875 0.5 0.625   | 150    | 0.375 0.875 0.431 | 64.3 -31.3 10.0 | 32.9 162.2  | 0.375 0.875 0.375 | 65.5 -23.7 17.8 | 29.6 140.0 10.9 | 155         | 0.0 1.0 1.0   | 1.0 1.0 1.0     | 50.3 -62.6 20.1 | 65.8 162.2 |
| 938 | GO0B_075_037e | 0.375 0.75 0.375  | 0.75 0.375 0.562  | 150    | 0.375 0.75 0.417  | 60.9 -23.5 7.5  | 24.6 162.2  | 0.375 0.75 0.375  | 61.6 -16.6 15.6 | 22.8 136.7 10.6 | 155         | 0.0 1.0 1.0   | 1.0 1.0 1.0     | 50.3 -62.6 20.1 | 65.8 162.2 |
| 939 | GO0B_062_025e | 0.375 0.625 0.375 | 0.625 0.25 0.5    | 150    | 0.375 0.625 0.403 | 57.6 -15.6 5.0  | 16.4 162.2  | 0.375 0.          |                 |                 |             |               |                 |                 |            |



http://130.149.60.45/~farbmetrik/SE18/SE18L0NA.TXT /.PS; transfer output  
N: no 3D-linearization (OL) in file (F) or PS-startup (S), page 32/33

SE1801A

see similar files: <http://130.149.60.45/~farbmetrik/SE18/SE18.HTM>  
technical information: <http://www.ps.bam.de> or <http://130.149.60.45/~farbmetrik>

TUB registration: 20130201-SE18/SE18L0NA.TXT /.PS  
application for measurement of offset print output, separationcnmy0 (CMY0)  
TUB material: code=rha4ta

| n    | HIC*Fe  | rgb_Fe            | ict_Fe            | hsi_Fe    | rgb*Fe            | LabCh*Fe     | rgb*Fe      | LabCh*Fe      | DE**Fe    | hsi_Me   | rgb*Me      | LabCh*Me         |
|------|---------|-------------------|-------------------|-----------|-------------------|--------------|-------------|---------------|-----------|----------|-------------|------------------|
| 972  | NW_000e | 0.0 0.0 0.0       | 0.0 0.0 0.0       | 0.0 360   | 0.0 0.0 0.0       | 23.6 0.0 0.0 | 0.0 0.0 0.0 | 23.0 0.6 -0.4 | 0.7 321.0 | 0.9 360  | 1.0 1.0 1.0 | 96.4 0.0 0.0 0.0 |
| 973  | NW_012e | 0.125 0.125 0.125 | 0.125 0.125 0.125 | 0.125 360 | 0.125 0.125 0.125 | 32.7 0.0 0.0 | 0.0 0.0 0.0 | 29.2 7.2 4.0  | 8.2 29.3  | 8.9 360  | 1.0 1.0 1.0 | 96.4 0.0 0.0 0.0 |
| 974  | NW_025e | 0.25 0.25 0.25    | 0.25 0.25 0.25    | 0.25 360  | 0.25 0.25 0.25    | 41.8 0.0 0.0 | 0.0 0.0 0.0 | 37.4 8.5 7.9  | 11.6 43.1 | 12.4 360 | 1.0 1.0 1.0 | 96.4 0.0 0.0 0.0 |
| 975  | NW_037e | 0.375 0.375 0.375 | 0.375 0.375 0.375 | 0.375 360 | 0.375 0.375 0.375 | 50.9 0.0 0.0 | 0.0 0.0 0.0 | 47.2 9.4 9.7  | 13.5 45.9 | 14.0 360 | 1.0 1.0 1.0 | 96.4 0.0 0.0 0.0 |
| 976  | NW_050e | 0.5 0.5 0.5       | 0.5 0.5 0.5       | 0.5 360   | 0.5 0.5 0.5       | 60.0 0.0 0.0 | 0.0 0.0 0.0 | 57.2 8.2 9.1  | 12.2 48.0 | 12.6 360 | 1.0 1.0 1.0 | 96.4 0.0 0.0 0.0 |
| 977  | NW_062e | 0.625 0.625 0.625 | 0.625 0.625 0.625 | 0.625 360 | 0.625 0.625 0.625 | 69.1 0.0 0.0 | 0.0 0.0 0.0 | 68.2 5.6 7.8  | 9.6 54.3  | 9.6 360  | 1.0 1.0 1.0 | 96.4 0.0 0.0 0.0 |
| 978  | NW_075e | 0.75 0.75 0.75    | 0.75 0.75 0.75    | 0.75 360  | 0.75 0.75 0.75    | 78.2 0.0 0.0 | 0.0 0.0 0.0 | 77.6 4.2 5.2  | 6.7 51.3  | 6.7 360  | 1.0 1.0 1.0 | 96.4 0.0 0.0 0.0 |
| 979  | NW_087e | 0.875 0.875 0.875 | 0.875 0.875 0.875 | 0.875 360 | 0.875 0.875 0.875 | 87.3 0.0 0.0 | 0.0 0.0 0.0 | 87.9 1.4 2.8  | 3.2 62.9  | 3.2 360  | 1.0 1.0 1.0 | 96.4 0.0 0.0 0.0 |
| 980  | NW_100e | 1.0 1.0 1.0       | 1.0 1.0 1.0       | 1.0 360   | 1.0 1.0 1.0       | 96.4 0.0 0.0 | 0.0 0.0 0.0 | 96.6 0.0 0.0  | 0.0 127.8 | 0.1 360  | 1.0 1.0 1.0 | 96.4 0.0 0.0 0.0 |
| 981  | NW_000e | 0.0 0.0 0.0       | 0.0 0.0 0.0       | 0.0 360   | 0.0 0.0 0.0       | 23.6 0.0 0.0 | 0.0 0.0 0.0 | 22.8 1.3 -0.4 | 1.4 342.9 | 1.5 360  | 1.0 1.0 1.0 | 96.4 0.0 0.0 0.0 |
| 982  | NW_012e | 0.125 0.125 0.125 | 0.125 0.125 0.125 | 0.125 360 | 0.125 0.125 0.125 | 32.7 0.0 0.0 | 0.0 0.0 0.0 | 28.9 7.5 4.5  | 8.7 30.9  | 9.5 360  | 1.0 1.0 1.0 | 96.4 0.0 0.0 0.0 |
| 983  | NW_025e | 0.25 0.25 0.25    | 0.25 0.25 0.25    | 0.25 360  | 0.25 0.25 0.25    | 41.8 0.0 0.0 | 0.0 0.0 0.0 | 37.3 8.7 8.1  | 11.9 43.0 | 12.7 360 | 1.0 1.0 1.0 | 96.4 0.0 0.0 0.0 |
| 984  | NW_037e | 0.375 0.375 0.375 | 0.375 0.375 0.375 | 0.375 360 | 0.375 0.375 0.375 | 50.9 0.0 0.0 | 0.0 0.0 0.0 | 47.2 9.1 10.1 | 13.6 48.1 | 14.1 360 | 1.0 1.0 1.0 | 96.4 0.0 0.0 0.0 |
| 985  | NW_050e | 0.5 0.5 0.5       | 0.5 0.5 0.5       | 0.5 360   | 0.5 0.5 0.5       | 60.0 0.0 0.0 | 0.0 0.0 0.0 | 57.0 8.2 9.2  | 12.4 48.1 | 12.7 360 | 1.0 1.0 1.0 | 96.4 0.0 0.0 0.0 |
| 986  | NW_062e | 0.625 0.625 0.625 | 0.625 0.625 0.625 | 0.625 360 | 0.625 0.625 0.625 | 69.1 0.0 0.0 | 0.0 0.0 0.0 | 68.1 5.8 7.7  | 9.7 53.1  | 9.7 360  | 1.0 1.0 1.0 | 96.4 0.0 0.0 0.0 |
| 987  | NW_075e | 0.75 0.75 0.75    | 0.75 0.75 0.75    | 0.75 360  | 0.75 0.75 0.75    | 78.2 0.0 0.0 | 0.0 0.0 0.0 | 77.5 4.3 5.3  | 6.9 50.8  | 6.9 360  | 1.0 1.0 1.0 | 96.4 0.0 0.0 0.0 |
| 988  | NW_087e | 0.875 0.875 0.875 | 0.875 0.875 0.875 | 0.875 360 | 0.875 0.875 0.875 | 87.3 0.0 0.0 | 0.0 0.0 0.0 | 87.7 1.5 2.9  | 3.3 62.8  | 3.3 360  | 1.0 1.0 1.0 | 96.4 0.0 0.0 0.0 |
| 989  | NW_100e | 1.0 1.0 1.0       | 1.0 1.0 1.0       | 1.0 360   | 1.0 1.0 1.0       | 96.4 0.0 0.0 | 0.0 0.0 0.0 | 96.5 0.0 0.0  | 0.0 120.7 | 0.1 360  | 1.0 1.0 1.0 | 96.4 0.0 0.0 0.0 |
| 990  | NW_000e | 0.0 0.0 0.0       | 0.0 0.0 0.0       | 0.0 360   | 0.0 0.0 0.0       | 23.6 0.0 0.0 | 0.0 0.0 0.0 | 22.7 0.7 0.0  | 0.7 4.3   | 1.1 360  | 1.0 1.0 1.0 | 96.4 0.0 0.0 0.0 |
| 991  | NW_012e | 0.125 0.125 0.125 | 0.125 0.125 0.125 | 0.125 360 | 0.125 0.125 0.125 | 32.7 0.0 0.0 | 0.0 0.0 0.0 | 28.7 7.0 4.5  | 8.3 32.9  | 9.2 360  | 1.0 1.0 1.0 | 96.4 0.0 0.0 0.0 |
| 992  | NW_025e | 0.25 0.25 0.25    | 0.25 0.25 0.25    | 0.25 360  | 0.25 0.25 0.25    | 41.8 0.0 0.0 | 0.0 0.0 0.0 | 37.0 8.3 8.1  | 11.6 44.3 | 12.6 360 | 1.0 1.0 1.0 | 96.4 0.0 0.0 0.0 |
| 993  | NW_037e | 0.375 0.375 0.375 | 0.375 0.375 0.375 | 0.375 360 | 0.375 0.375 0.375 | 50.9 0.0 0.0 | 0.0 0.0 0.0 | 46.6 9.3 9.7  | 13.5 46.4 | 14.1 360 | 1.0 1.0 1.0 | 96.4 0.0 0.0 0.0 |
| 994  | NW_050e | 0.5 0.5 0.5       | 0.5 0.5 0.5       | 0.5 360   | 0.5 0.5 0.5       | 60.0 0.0 0.0 | 0.0 0.0 0.0 | 56.5 8.2 8.9  | 12.1 47.3 | 12.6 360 | 1.0 1.0 1.0 | 96.4 0.0 0.0 0.0 |
| 995  | NW_062e | 0.625 0.625 0.625 | 0.625 0.625 0.625 | 0.625 360 | 0.625 0.625 0.625 | 69.1 0.0 0.0 | 0.0 0.0 0.0 | 67.8 5.6 7.8  | 9.7 54.2  | 9.7 360  | 1.0 1.0 1.0 | 96.4 0.0 0.0 0.0 |
| 996  | NW_075e | 0.75 0.75 0.75    | 0.75 0.75 0.75    | 0.75 360  | 0.75 0.75 0.75    | 78.2 0.0 0.0 | 0.0 0.0 0.0 | 77.0 4.5 5.2  | 6.9 48.9  | 7.0 360  | 1.0 1.0 1.0 | 96.4 0.0 0.0 0.0 |
| 997  | NW_087e | 0.875 0.875 0.875 | 0.875 0.875 0.875 | 0.875 360 | 0.875 0.875 0.875 | 87.3 0.0 0.0 | 0.0 0.0 0.0 | 87.4 1.5 2.5  | 3.0 59.6  | 3.0 360  | 1.0 1.0 1.0 | 96.4 0.0 0.0 0.0 |
| 998  | NW_100e | 1.0 1.0 1.0       | 1.0 1.0 1.0       | 1.0 360   | 1.0 1.0 1.0       | 96.4 0.0 0.0 | 0.0 0.0 0.0 | 96.2 0.5 -0.1 | 0.1 264.2 | 0.2 360  | 1.0 1.0 1.0 | 96.4 0.0 0.0 0.0 |
| 999  | NW_000e | 0.0 0.0 0.0       | 0.0 0.0 0.0       | 0.0 360   | 0.0 0.0 0.0       | 23.6 0.0 0.0 | 0.0 0.0 0.0 | 22.6 0.3 0.4  | 0.6 54.1  | 1.1 360  | 1.0 1.0 1.0 | 96.4 0.0 0.0 0.0 |
| 1000 | NW_012e | 0.125 0.125 0.125 | 0.125 0.125 0.125 | 0.125 360 | 0.125 0.125 0.125 | 32.7 0.0 0.0 | 0.0 0.0 0.0 | 28.3 6.9 4.7  | 8.4 34.1  | 9.4 360  | 1.0 1.0 1.0 | 96.4 0.0 0.0 0.0 |
| 1001 | NW_025e | 0.25 0.25 0.25    | 0.25 0.25 0.25    | 0.25 360  | 0.25 0.25 0.25    | 41.8 0.0 0.0 | 0.0 0.0 0.0 | 36.7 8.3 8.7  | 12.0 46.0 | 13.1 360 | 1.0 1.0 1.0 | 96.4 0.0 0.0 0.0 |
| 1002 | NW_037e | 0.375 0.375 0.375 | 0.375 0.375 0.375 | 0.375 360 | 0.375 0.375 0.375 | 50.9 0.0 0.0 | 0.0 0.0 0.0 | 46.3 9.3 10.0 | 13.7 47.2 | 14.4 360 | 1.0 1.0 1.0 | 96.4 0.0 0.0 0.0 |
| 1003 | NW_050e | 0.5 0.5 0.5       | 0.5 0.5 0.5       | 0.5 360   | 0.5 0.5 0.5       | 60.0 0.0 0.0 | 0.0 0.0 0.0 | 56.4 8.3 9.2  | 12.4 47.8 | 12.9 360 | 1.0 1.0 1.0 | 96.4 0.0 0.0 0.0 |
| 1004 | NW_062e | 0.625 0.625 0.625 | 0.625 0.625 0.625 | 0.625 360 | 0.625 0.625 0.625 | 69.1 0.0 0.0 | 0.0 0.0 0.0 | 67.4 5.5 8.1  | 9.8 55.7  | 10.0 360 | 1.0 1.0 1.0 | 96.4 0.0 0.0 0.0 |
| 1005 | NW_075e | 0.75 0.75 0.75    | 0.75 0.75 0.75    | 0.75 360  | 0.75 0.75 0.75    | 78.2 0.0 0.0 | 0.0 0.0 0.0 | 77.0 4.5 5.3  | 7.0 49.5  | 7.1 360  | 1.0 1.0 1.0 | 96.4 0.0 0.0 0.0 |
| 1006 | NW_087e | 0.875 0.875 0.875 | 0.875 0.875 0.875 | 0.875 360 | 0.875 0.875 0.875 | 87.3 0.0 0.0 | 0.0 0.0 0.0 | 87.5 1.4 2.7  | 3.0 61.3  | 3.1 360  | 1.0 1.0 1.0 | 96.4 0.0 0.0 0.0 |
| 1007 | NW_100e | 1.0 1.0 1.0       | 1.0 1.0 1.0       | 1.0 360   | 1.0 1.0 1.0       | 96.4 0.0 0.0 | 0.0 0.0 0.0 | 96.2 0.0 -0.1 | 0.1 276.8 | 0.2 360  | 1.0 1.0 1.0 | 96.4 0.0 0.0 0.0 |
| 1008 | NW_000e | 0.0 0.0 0.0       | 0.0 0.0 0.0       | 0.0 360   | 0.0 0.0 0.0       | 23.6 0.0 0.0 | 0.0 0.0 0.0 | 23.0 1.1 -1.1 | 1.6 313.2 | 1.7 360  | 1.0 1.0 1.0 | 96.4 0.0 0.0 0.0 |
| 1009 | NW_006e | 0.066 0.066 0.066 | 0.066 0.066 0.066 | 0.066 360 | 0.066 0.066 0.066 | 28.4 0.0 0.0 | 0.0 0.0 0.0 | 26.1 5.1 1.1  | 5.3 13.0  | 5.7 360  | 1.0 1.0 1.0 | 96.4 0.0 0.0 0.0 |
| 1010 | NW_013e | 0.133 0.133 0.133 | 0.133 0.133 0.133 | 0.133 360 | 0.133 0.133 0.133 | 33.3 0.0 0.0 | 0.0 0.0 0.0 | 29.3 7.5 3.3  | 8.2 23.8  | 9.1 360  | 1.0 1.0 1.0 | 96.4 0.0 0.0 0.0 |
| 1011 | NW_020e | 0.2 0.2 0.2       | 0.2 0.2 0.2       | 0.2 360   | 0.2 0.2 0.2       | 38.1 0.0 0.0 | 0.0 0.0 0.0 | 33.4 8.8 5.4  | 10.3 31.5 | 11.3 360 | 1.0 1.0 1.0 | 96.4 0.0 0.0 0.0 |
| 1012 | NW_026e | 0.266 0.266 0.266 | 0.266 0.266 0.266 | 0.266 360 | 0.266 0.266 0.266 | 42.9 0.0 0.0 | 0.0 0.0 0.0 | 38.4 8.5 7.5  | 11.3 41.5 | 12.2 360 | 1.0 1.0 1.0 | 96.4 0.0 0.0 0.0 |
| 1013 | NW_033e | 0.333 0.333 0.333 | 0.333 0.333 0.333 | 0.333 360 | 0.333 0.333 0.333 | 47.8 0.0 0.0 | 0.0 0.0 0.0 | 42.9 10.0 8.1 | 12.9 38.9 | 13.8 360 | 1.0 1.0 1.0 | 96.4 0.0 0.0 0.0 |
| 1014 | NW_040e | 0.4 0.4 0.4       | 0.4 0.4 0.4       | 0.4 360   | 0.4 0.4 0.4       | 52.7 0.0 0.0 | 0.0 0.0 0.0 | 48.8 8.8 12.5 | 44.9 13.1 | 13.6 360 | 1.0 1.0 1.0 | 96.4 0.0 0.0 0.0 |
| 1015 | NW_046e | 0.466 0.466 0.466 | 0.466 0.466 0.466 | 0.466 360 | 0.466 0.466 0.466 | 57.5 0.0 0.0 | 0.0 0.0 0.0 | 53.8 8.7 8.6  | 12.3 44.8 | 12.8 360 | 1.0 1.0 1.0 | 96.4 0.0 0.0 0.0 |
| 1016 | NW_053e | 0.533 0.533 0.533 | 0.533 0.533 0.533 | 0.533 360 | 0.533 0.533 0.533 | 62.4 0.0 0.0 | 0.0 0.0 0.0 | 59.5 6.8 8.5  | 10.9 50.1 | 11.3 360 | 1.0 1.0 1.0 | 96.4 0.0 0.0 0.0 |
| 1017 | NW_060e | 0.6 0.6 0.6       | 0.6 0.6 0.6       | 0.6 360   | 0.6 0.6 0.6       | 67.3 0.0 0.0 | 0.0 0.0 0.0 | 66.1 5.3 7.4  | 9.1 53.9  | 9.2 360  | 1.0 1.0 1.0 | 96.4 0.0 0.0 0.0 |
| 1018 | NW_066e | 0.666 0.666 0.666 | 0.666 0.666 0.666 | 0.666 360 | 0.666 0.666 0.666 | 72.1 0.0 0.0 | 0.0 0.0 0.0 | 71.5 5.1 6.7  | 8.5 52.6  | 8.5 360  | 1.0 1.0 1.0 | 96.4 0.0 0.0 0.0 |
| 1019 | NW_073e | 0.734 0.734 0.734 | 0.734 0.734 0.734 | 0.734 360 | 0.734 0.734 0.734 | 77.0 0.0 0.0 | 0.0 0.0 0.0 | 76.6 4.7 5.4  | 7.2 49.1  | 7.2 360  | 1.0 1.0 1.0 | 96.4 0.0 0.0 0.0 |
| 1020 | NW_080e | 0.8 0.8 0.8       | 0.8 0.8 0.8       | 0.8 360   | 0.8 0.8 0.8       | 81.9 0.0 0.0 | 0.0 0.0 0.0 | 81.7 2.9 4.1  | 5.0 54.3  | 5.0 360  | 1.0 1.0 1.0 | 96.4 0.0 0.0 0.0 |
| 1021 | NW_086e | 0.866 0.866 0.866 | 0.866 0.866 0.866 | 0.866 360 | 0.866 0.866 0.866 | 86.7 0.0 0.0 | 0.0 0.0 0.0 | 87.3 1.5 2.7  | 3.1 61.6  | 3.2 360  | 1.0 1.0 1.0 | 96.4 0.0 0.0 0.0 |
| 1022 | NW_093e | 0.933 0.933 0.933 | 0.933 0.933 0.933 | 0.933 360 | 0.933 0.933 0.933 | 91.5 0.0 0.0 | 0.0 0.0 0.0 | 92.0 0.5 1.0  | 1.2 61.4  | 1.2 360  | 1.0 1.0 1.0 | 96.4 0.0 0.0 0.0 |
| 1023 | NW_100e | 1.0 1.0 1.0       | 1.0 1.0 1.0       | 1.0 360   | 1.0 1.0 1.0       | 96.4 0.0 0.0 | 0.0 0.0 0.0 | 96.5 0.0 0.1  | 0.1 113.8 | 0.1 360  | 1.0 1.0 1.0 | 96.4 0.0 0.0 0.0 |
| 1024 | NW_000e | 0.0 0.0 0.0       | 0.0 0.0 0.0       | 0.0 360   | 0.0 0.0 0.0       | 23.6 0.0 0.0 | 0.0 0.0 0.0 | 22.8 0.9 -0.7 | 1.2 323.5 | 1.4 360  | 1.0 1.0 1.0 | 96.4 0.0 0.0 0.0 |
| 1025 | NW_006e | 0.066 0.066 0.066 | 0.066 0.066 0.066 | 0.066 360 | 0.066 0.066 0.066 | 28.4 0.0 0.0 | 0.0 0.0 0.0 | 26.0 5.4 1.5  | 5.6 15.7  | 6.0 360  | 1.0 1.0 1.0 | 96.4 0.0 0.0 0.0 |
| 1026 | NW_013e | 0.133 0.133 0.133 | 0.133 0.133 0.133 | 0.133 360 | 0.133 0.133 0.133 | 33.3 0.0 0.0 | 0.0 0.0 0.0 | 29.1 7.7 3.6  | 8.5 24.8  | 9.5 360  | 1.0 1.0 1.0 | 96.4 0.0 0.0 0.0 |
| 1027 | NW_020e | 0.2 0.2 0.2       | 0.2 0.2 0.2       | 0.2 360   | 0.2 0.2 0.2       | 38.1 0.0 0.0 | 0.0 0.0 0.0 | 33.2 8.7 5.3  | 10.2 31.3 | 11.3 360 | 1.0 1.0 1.0 | 96.4 0.0 0.0 0.0 |
| 1028 | NW_026e | 0.266 0.266 0.266 | 0.266 0.266 0.266 | 0.266 360 | 0.266 0.266 0.266 | 42.9 0.0 0.0 | 0.0 0.0 0.0 | 38.4 9.0 7.6  | 11.8 40.2 | 12.8 360 | 1.0 1.0 1.0 | 96.4 0.0 0.      |



http://130.149.60.45/~farbmetrik/SE18/SE18L0NA.TXT /.PS; transfer output

N: no 3D-linearization (OL) in file (F) or PS-startup (S), page 33/33

see similar files: <http://130.149.60.45/~farbmetrik/SE18/SE18.HTM>  
technical information: <http://www.ps.bam.de> or <http://130.149.60.45/~farbmetrik>TUB registration: 20130201-SE18/SE18L0NA.TXT /.PS  
application for measurement of offset print output, separationcmY0 (CMY0)  
TUB material: code=rha4ta

| n    | HIC*Fe        | rgb_Fe |       | ict_Fe |       | hsi_F,e |       | rgb*Fe |       | LabCh*Fe |       | rgb*Fe |       | LabCh*Fe |      | DE**Fe |       | hsiM,e |       | rgb*Me |       | LabCh*Me |      |       |      |     |       |      |       |      |       |       |      |       |
|------|---------------|--------|-------|--------|-------|---------|-------|--------|-------|----------|-------|--------|-------|----------|------|--------|-------|--------|-------|--------|-------|----------|------|-------|------|-----|-------|------|-------|------|-------|-------|------|-------|
| 1053 | NW_086e       | 0.866  | 0.866 | 0.866  | 0.866 | 0.0     | 0.866 | 360    | 0.866 | 0.866    | 0.866 | 86.7   | 0.0   | 0.0      | 0.0  | 0.0    | 0.866 | 0.866  | 0.866 | 87.1   | 1.5   | 2.6      | 3.0  | 58.7  | 3.0  | 360 | 1.0   | 1.0  | 1.0   | 96.4 | 0.0   | 0.0   | 0.0  | 0.0   |
| 1054 | NW_093e       | 0.933  | 0.933 | 0.933  | 0.933 | 0.0     | 0.933 | 360    | 0.933 | 0.933    | 0.933 | 91.5   | 0.0   | 0.0      | 0.0  | 0.0    | 0.933 | 0.933  | 0.933 | 91.8   | 0.6   | 1.0      | 1.1  | 58.2  | 1.2  | 360 | 1.0   | 1.0  | 1.0   | 96.4 | 0.0   | 0.0   | 0.0  | 0.0   |
| 1055 | NW_100e       | 1.0    | 1.0   | 1.0    | 1.0   | 0.0     | 1.0   | 360    | 1.0   | 1.0      | 1.0   | 96.4   | 0.0   | 0.0      | 0.0  | 0.0    | 1.0   | 1.0    | 1.0   | 96.3   | 0.0   | 0.0      | 0.0  | 292.0 | 0.1  | 360 | 1.0   | 1.0  | 1.0   | 96.4 | 0.0   | 0.0   | 0.0  | 0.0   |
| 1056 | NW_000e       | 0.0    | 0.0   | 0.0    | 0.0   | 0.0     | 0.0   | 360    | 0.0   | 0.0      | 0.0   | 23.6   | 0.0   | 0.0      | 0.0  | 0.0    | 0.0   | 0.0    | 0.0   | 22.4   | 0.4   | 0.0      | 0.4  | 358.7 | 1.2  | 360 | 1.0   | 1.0  | 1.0   | 96.4 | 0.0   | 0.0   | 0.0  | 0.0   |
| 1057 | NW_006e       | 0.066  | 0.066 | 0.066  | 0.066 | 0.0     | 0.066 | 360    | 0.066 | 0.066    | 0.066 | 28.4   | 0.0   | 0.0      | 0.0  | 0.0    | 0.066 | 0.066  | 0.066 | 25.4   | 4.9   | 1.3      | 5.1  | 15.6  | 5.9  | 360 | 1.0   | 1.0  | 1.0   | 96.4 | 0.0   | 0.0   | 0.0  | 0.0   |
| 1058 | NW_013e       | 0.133  | 0.133 | 0.133  | 0.133 | 0.0     | 0.133 | 360    | 0.133 | 0.133    | 0.133 | 33.3   | 0.0   | 0.0      | 0.0  | 0.0    | 0.133 | 0.133  | 0.133 | 28.4   | 7.3   | 4.0      | 8.4  | 28.5  | 9.6  | 360 | 1.0   | 1.0  | 1.0   | 96.4 | 0.0   | 0.0   | 0.0  | 0.0   |
| 1059 | NW_020e       | 0.2    | 0.2   | 0.2    | 0.2   | 0.0     | 0.2   | 360    | 0.2   | 0.2      | 0.2   | 38.1   | 0.0   | 0.0      | 0.0  | 0.0    | 0.2   | 0.2    | 0.2   | 32.4   | 8.5   | 5.9      | 10.4 | 34.6  | 11.9 | 360 | 1.0   | 1.0  | 1.0   | 96.4 | 0.0   | 0.0   | 0.0  | 0.0   |
| 1060 | NW_026e       | 0.266  | 0.266 | 0.266  | 0.266 | 0.0     | 0.266 | 360    | 0.266 | 0.266    | 0.266 | 42.9   | 0.0   | 0.0      | 0.0  | 0.0    | 0.266 | 0.266  | 0.266 | 37.4   | 8.1   | 7.9      | 11.3 | 44.1  | 12.6 | 360 | 1.0   | 1.0  | 1.0   | 96.4 | 0.0   | 0.0   | 0.0  | 0.0   |
| 1061 | NW_033e       | 0.333  | 0.333 | 0.333  | 0.333 | 0.0     | 0.333 | 360    | 0.333 | 0.333    | 0.333 | 47.8   | 0.0   | 0.0      | 0.0  | 0.0    | 0.333 | 0.333  | 0.333 | 41.7   | 10.0  | 8.4      | 13.1 | 39.9  | 14.4 | 360 | 1.0   | 1.0  | 1.0   | 96.4 | 0.0   | 0.0   | 0.0  | 0.0   |
| 1062 | NW_040e       | 0.4    | 0.4   | 0.4    | 0.4   | 0.0     | 0.4   | 360    | 0.4   | 0.4      | 0.4   | 52.7   | 0.0   | 0.0      | 0.0  | 0.0    | 0.4   | 0.4    | 0.4   | 48.0   | 8.5   | 9.4      | 12.7 | 47.8  | 13.5 | 360 | 1.0   | 1.0  | 1.0   | 96.4 | 0.0   | 0.0   | 0.0  | 0.0   |
| 1063 | NW_046e       | 0.466  | 0.466 | 0.466  | 0.466 | 0.0     | 0.466 | 360    | 0.466 | 0.466    | 0.466 | 57.5   | 0.0   | 0.0      | 0.0  | 0.0    | 0.466 | 0.466  | 0.466 | 53.0   | 8.6   | 8.8      | 12.3 | 45.4  | 13.1 | 360 | 1.0   | 1.0  | 1.0   | 96.4 | 0.0   | 0.0   | 0.0  | 0.0   |
| 1064 | NW_053e       | 0.533  | 0.533 | 0.533  | 0.533 | 0.0     | 0.533 | 360    | 0.533 | 0.533    | 0.533 | 62.4   | 0.0   | 0.0      | 0.0  | 0.0    | 0.533 | 0.533  | 0.533 | 59.1   | 6.8   | 8.0      | 10.5 | 49.5  | 11.0 | 360 | 1.0   | 1.0  | 1.0   | 96.4 | 0.0   | 0.0   | 0.0  | 0.0   |
| 1065 | NW_060e       | 0.6    | 0.6   | 0.6    | 0.6   | 0.0     | 0.6   | 360    | 0.6   | 0.6      | 0.6   | 67.3   | 0.0   | 0.0      | 0.0  | 0.0    | 0.6   | 0.6    | 0.6   | 65.4   | 5.7   | 7.8      | 9.7  | 53.8  | 9.9  | 360 | 1.0   | 1.0  | 1.0   | 96.4 | 0.0   | 0.0   | 0.0  | 0.0   |
| 1066 | NW_066e       | 0.666  | 0.666 | 0.666  | 0.666 | 0.0     | 0.666 | 360    | 0.666 | 0.666    | 0.666 | 72.1   | 0.0   | 0.0      | 0.0  | 0.0    | 0.666 | 0.666  | 0.666 | 71.1   | 5.0   | 6.9      | 8.6  | 53.9  | 8.7  | 360 | 1.0   | 1.0  | 1.0   | 96.4 | 0.0   | 0.0   | 0.0  | 0.0   |
| 1067 | NW_073e       | 0.734  | 0.734 | 0.734  | 0.734 | 0.0     | 0.734 | 360    | 0.734 | 0.734    | 0.734 | 77.0   | 0.0   | 0.0      | 0.0  | 0.0    | 0.734 | 0.734  | 0.734 | 76.1   | 4.9   | 5.4      | 7.3  | 48.0  | 7.4  | 360 | 1.0   | 1.0  | 1.0   | 96.4 | 0.0   | 0.0   | 0.0  | 0.0   |
| 1068 | NW_080e       | 0.8    | 0.8   | 0.8    | 0.8   | 0.0     | 0.8   | 360    | 0.8   | 0.8      | 0.8   | 81.9   | 0.0   | 0.0      | 0.0  | 0.0    | 0.8   | 0.8    | 0.8   | 81.5   | 2.9   | 4.1      | 5.1  | 54.7  | 5.1  | 360 | 1.0   | 1.0  | 1.0   | 96.4 | 0.0   | 0.0   | 0.0  | 0.0   |
| 1069 | NW_086e       | 0.866  | 0.866 | 0.866  | 0.866 | 0.0     | 0.866 | 360    | 0.866 | 0.866    | 0.866 | 86.7   | 0.0   | 0.0      | 0.0  | 0.0    | 0.866 | 0.866  | 0.866 | 87.0   | 1.5   | 2.7      | 3.1  | 60.3  | 3.1  | 360 | 1.0   | 1.0  | 1.0   | 96.4 | 0.0   | 0.0   | 0.0  | 0.0   |
| 1070 | NW_093e       | 0.933  | 0.933 | 0.933  | 0.933 | 0.0     | 0.933 | 360    | 0.933 | 0.933    | 0.933 | 91.5   | 0.0   | 0.0      | 0.0  | 0.0    | 0.933 | 0.933  | 0.933 | 91.7   | 0.6   | 1.0      | 1.2  | 59.0  | 1.2  | 360 | 1.0   | 1.0  | 1.0   | 96.4 | 0.0   | 0.0   | 0.0  | 0.0   |
| 1071 | NW_100e       | 1.0    | 1.0   | 1.0    | 1.0   | 0.0     | 1.0   | 360    | 1.0   | 1.0      | 1.0   | 96.4   | 0.0   | 0.0      | 0.0  | 0.0    | 1.0   | 1.0    | 1.0   | 96.3   | 0.0   | 0.0      | 0.0  | 297.4 | 0.1  | 360 | 1.0   | 1.0  | 1.0   | 96.4 | 0.0   | 0.0   | 0.0  | 0.0   |
| 1072 | NW_000e       | 0.0    | 0.0   | 0.0    | 0.0   | 0.0     | 0.0   | 360    | 0.0   | 0.0      | 0.0   | 23.6   | 0.0   | 0.0      | 0.0  | 0.0    | 0.0   | 0.0    | 0.0   | 23.3   | 0.5   | -0.7     | 0.9  | 305.3 | 0.9  | 360 | 1.0   | 1.0  | 1.0   | 96.4 | 0.0   | 0.0   | 0.0  | 0.0   |
| 1073 | NW_100e       | 1.0    | 1.0   | 1.0    | 1.0   | 0.0     | 1.0   | 360    | 1.0   | 1.0      | 1.0   | 96.4   | 0.0   | 0.0      | 0.0  | 0.0    | 1.0   | 1.0    | 1.0   | 96.5   | 0.0   | 0.1      | 0.1  | 115.8 | 0.1  | 360 | 1.0   | 1.0  | 1.0   | 96.4 | 0.0   | 0.0   | 0.0  | 0.0   |
| 1074 | R00Y_100_100e | 1.0    | 0.0   | 0.0    | 1.0   | 1.0     | 0.5   | 390    | 1.0   | 0.0      | 0.219 | 46.6   | 71.5  | 34.1     | 79.2 | 25.4   | 1.0   | 0.0    | 0.0   | 46.3   | 70.0  | 46.4     | 84.0 | 33.5  | 12.3 | 377 | 1.0   | 0.0  | 0.219 | 46.6 | 71.5  | 34.1  | 79.2 | 25.4  |
| 1075 | G50B_100_100e | 0.0    | 1.0   | 1.0    | 1.0   | 1.0     | 0.5   | 210    | 0.0   | 1.0      | 0.767 | 55.4   | -37.8 | -28.4    | 47.3 | 216.9  | 0.0   | 1.0    | 1.0   | 56.8   | -28.8 | -40.9    | 50.1 | 234.8 | 15.4 | 197 | 0.0   | 1.0  | 0.767 | 55.4 | -37.8 | -28.4 | 47.3 | 216.9 |
| 1076 | Y00G_100_100e | 1.0    | 1.0   | 0.0    | 1.0   | 1.0     | 0.5   | 90     | 1.0   | 0.93     | 0.0   | 85.8   | -3.5  | 87.4     | 87.5 | 92.3   | 1.0   | 1.0    | 0.0   | 87.8   | -6.8  | 90.1     | 90.4 | 94.3  | 4.7  | 86  | 1.0   | 0.93 | 0.0   | 85.8 | -3.5  | 87.4  | 87.5 | 92.3  |
| 1077 | B00R_100_100e | 0.0    | 0.0   | 1.0    | 1.0   | 1.0     | 0.5   | 270    | 0.0   | 0.38     | 1.0   | 38.7   | 1.1   | -38.9    | 38.9 | 271.7  | 0.0   | 0.0    | 1.0   | 24.3   | 28.0  | -38.0    | 47.2 | 306.4 | 30.5 | 247 | 0.0   | 0.38 | 1.0   | 38.7 | 1.1   | -38.9 | 38.9 | 271.7 |
| 1078 | G00B_100_100e | 0.0    | 1.0   | 0.0    | 1.0   | 1.0     | 0.5   | 150    | 0.0   | 1.0      | 0.112 | 50.3   | -62.6 | 20.1     | 65.8 | 162.2  | 0.0   | 1.0    | 0.0   | 48.8   | -66.5 | 27.6     | 72.0 | 157.3 | 8.6  | 155 | 0.0   | 1.0  | 0.112 | 50.3 | -62.6 | 20.1  | 65.8 | 162.2 |
| 1079 | B50R_100_100e | 1.0    | 0.0   | 1.0    | 1.0   | 1.0     | 0.5   | 330    | 0.319 | 0.0      | 1.0   | 31.5   | 45.7  | -27.9    | 53.5 | 328.6  | 1.0   | 0.0    | 1.0   | 46.3   | 78.6  | 0.0      | 78.6 | 359.9 | 45.6 | 288 | 0.319 | 0.0  | 1.0   | 31.5 | 45.7  | -27.9 | 53.5 | 328.6 |

Mean color difference of this page:

delta E\* = 9.3

1-0133231-F0

SE180-7N, Page 33/33-F

TUB-test chart SE18; 1080 colours, offset standard paper  
colors and differences,  $\Delta E^*$ , 3D=0, de=1, *cmY0*input: *rgb/cmyk* -> *rgb<sub>e</sub>*  
output: transfer to *cmY0<sub>e</sub>*

1-0133231-F0