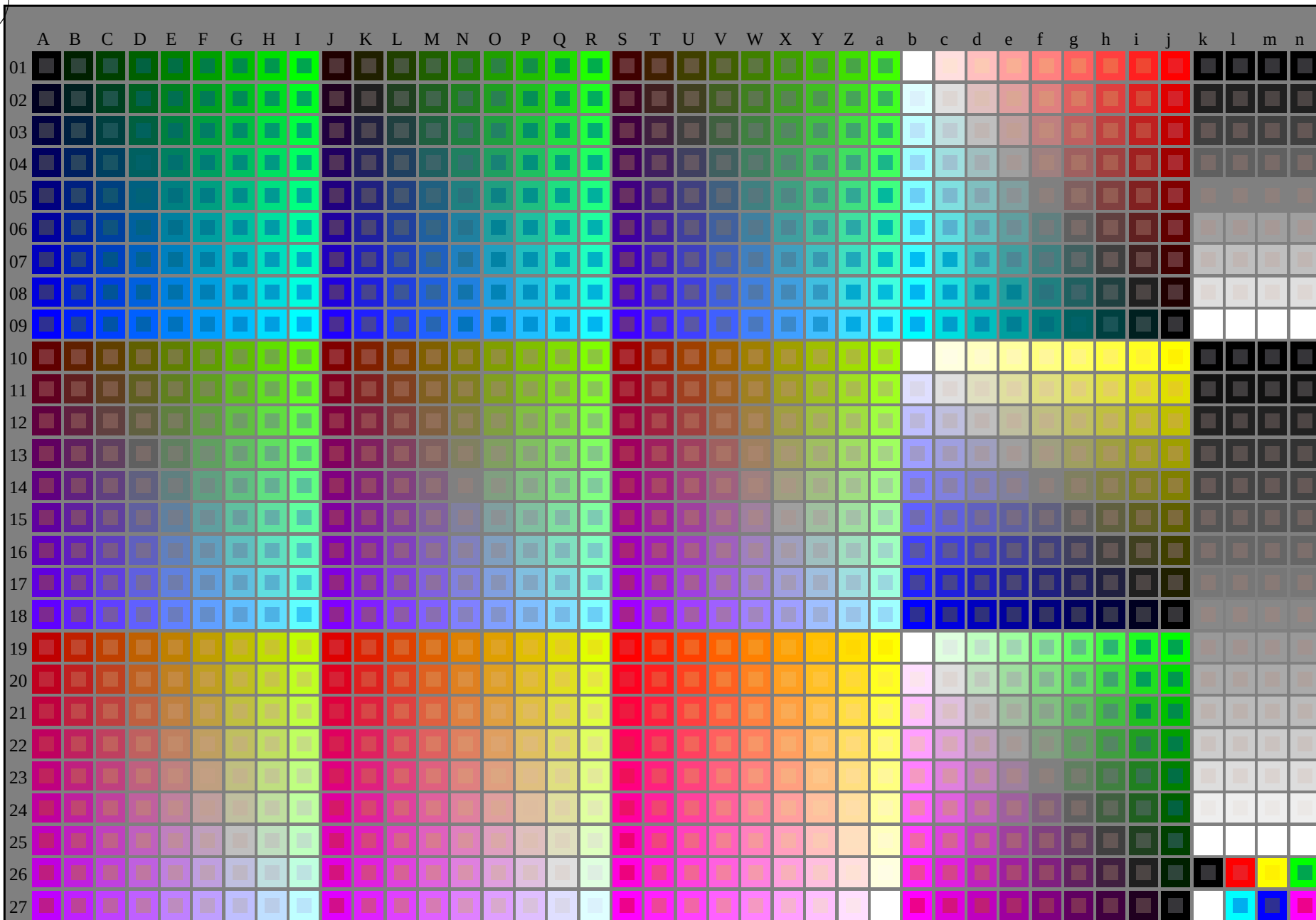


vedere dei file simili: <http://130.149.60.45/~farbmetrik/SI15/SI15.HTM>  
informazioni tecniche: <http://www.ps.bam.de> o <http://130.149.60.45/~farbmetrik>

TUB iscrizione: 20130201-SI15/SI15L0FP.PDF /.PS  
la domanda per la misura uscita nella stampa di offset

TUB materiale: code=rha4ta



4-113030-L0

SI150-7N

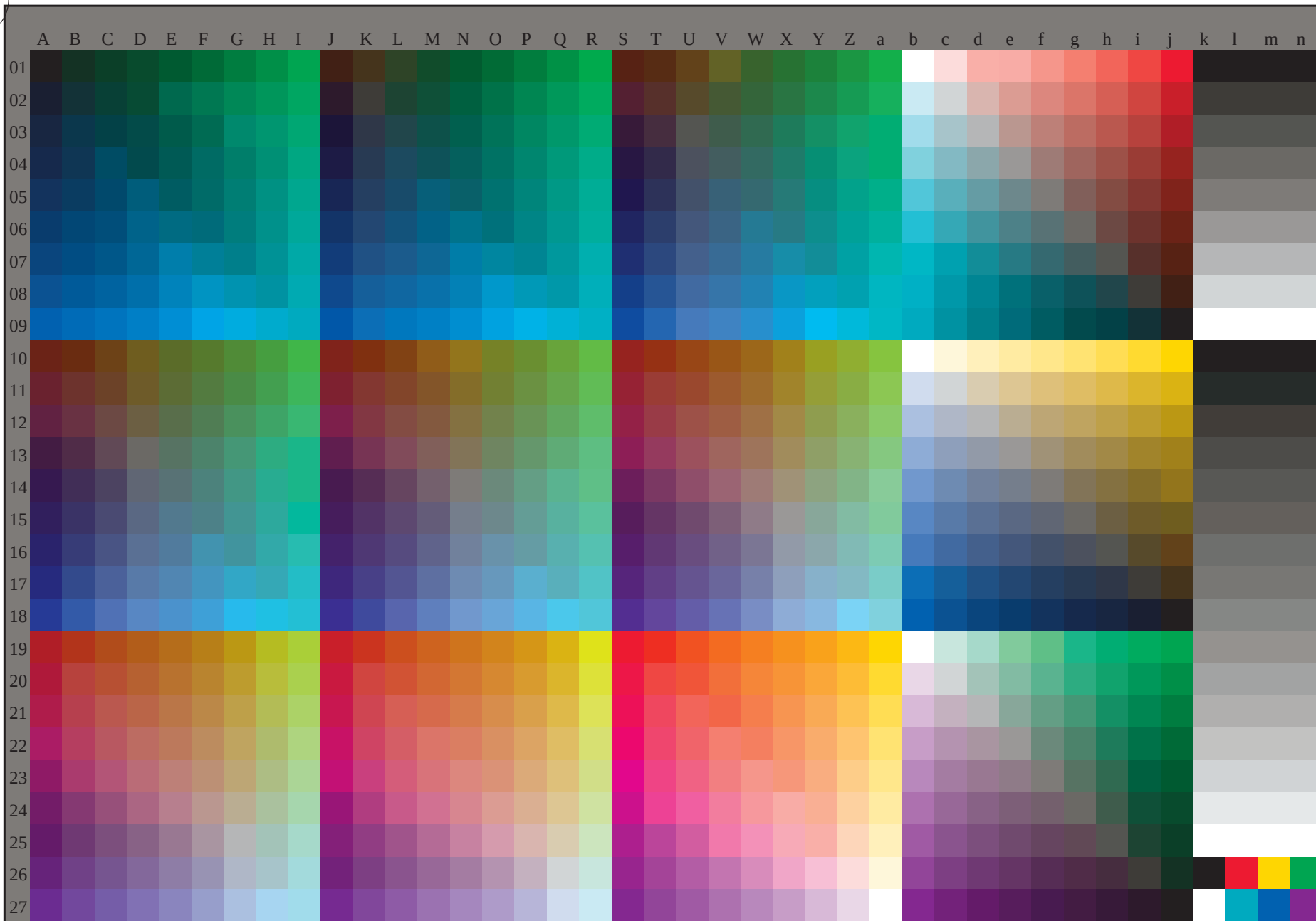
rgb + cmy0 (A,j + k26,n27),000n (k), w (l), nnn0 (m), www (n), 3D = 1

grafico TUB-SI15; 1080 colori, carta standard offset  
grafico conformemente a DIN 33872

immettere: *rgb/cmyk* -> *rgb/cmyk*  
uscita: nessun cambiamento

vedere dei file simili: <http://130.149.60.45/~farbmetrik/SI15/SI15.HTM>  
informazioni tecniche: <http://www.ps.bam.de> o <http://130.149.60.45/~farbmetrik>

TUB iscrizione: 20130201-SI15/SI15L0FP.PDF /.PS  
la domanda per la misura uscita nella stampa di offset, separazionecmyk\* (CMYK)  
TUB materiale: code=rha4ta



4-113130-L0

SI150-73

rgb (A\_n), 3D = 1

grafico TUB-SI15; 1080 colori, carta standard offset  
grafico conformemente a DIN 33872, 3D=1, de=1, cmyk\*

immettere:  $rgb/cmyk \rightarrow rgb_{de}$   
uscita: 3D-linearizzazzione a  $cmyk^*_{de}$

4-113130-F0

C

M

Y

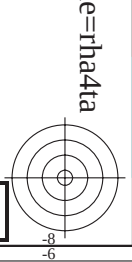
O

L

V



TUB iscrizione: 20130201-SI15/SI15L0FP.PDF /.PS  
la domanda per la misura uscita nella stampa di offset, separazionecmy\* (CMYK)



TUB materiale: code=rha4ta

http://130.149.60.45/~farbmetrik/SI15/SI15L0FP.PDF /.PS; 3D-linearizzazzione  
F: 3D-linearizzazzione SI15/SI15LI30FP.DAT nel file (F), pagina 3/33



vedere dei file simili: <http://130.149.60.45/~farbmetrik/SI15/SI15.HTM>  
informazioni tecniche: <http://www.ps.bam.de> o <http://130.149.60.45/~farbmetrik>

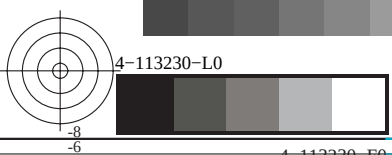
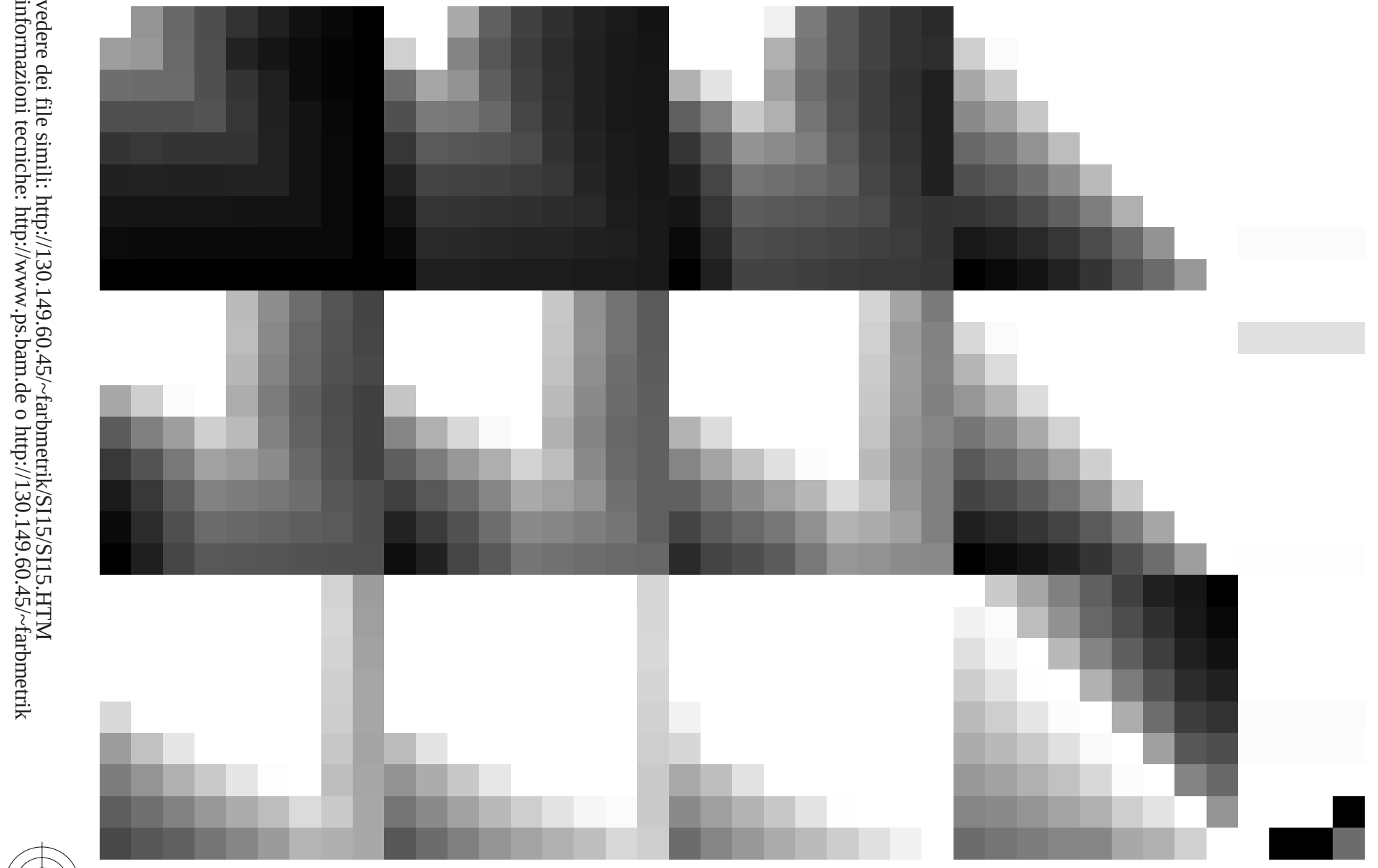


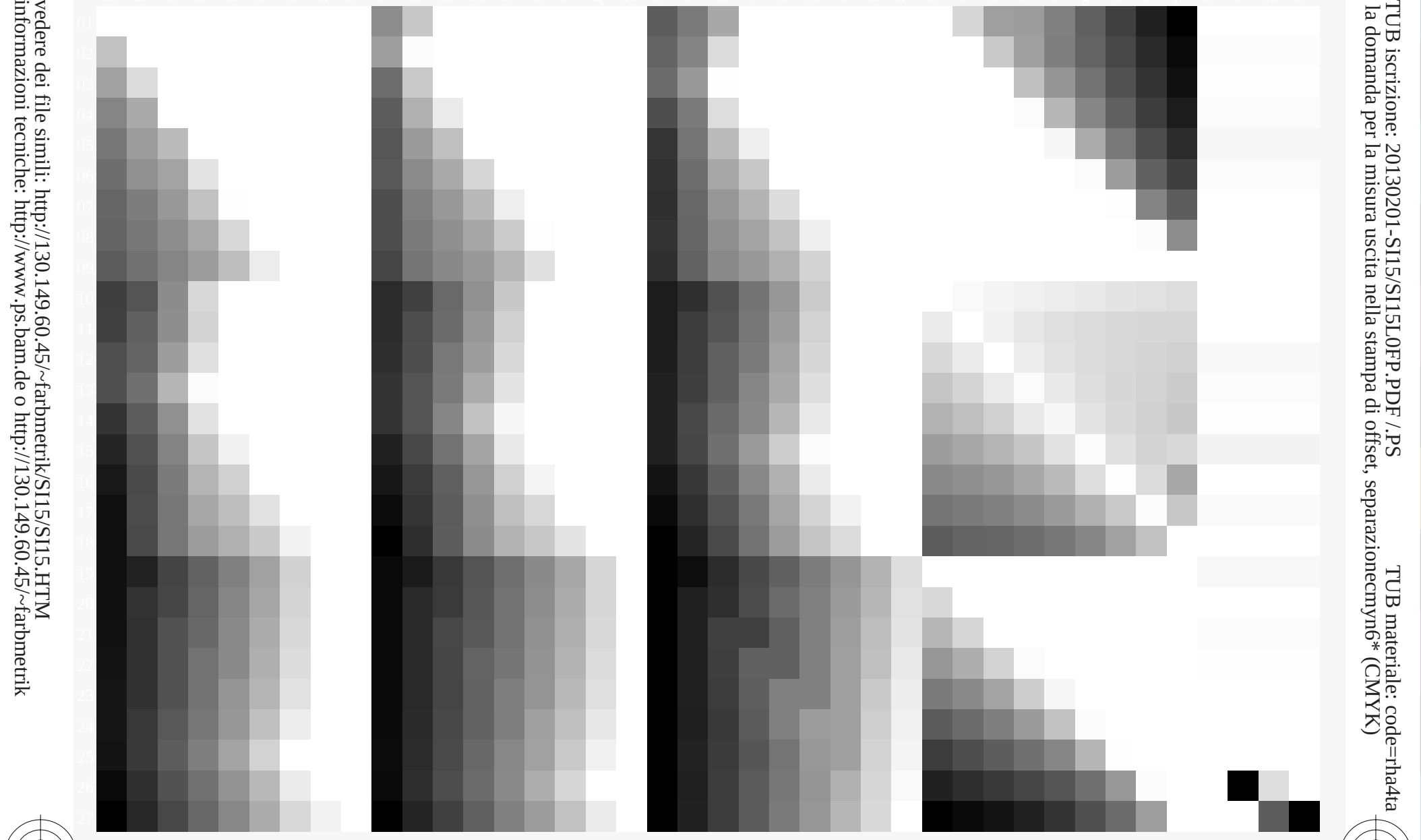
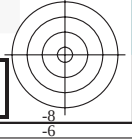
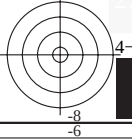
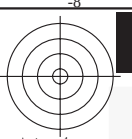
grafico TUB-SI15; 1080 colori, carta standard offset  
grafico conformemente a DIN 33872, 3D=1, de=1, cmyk\*

immettere:  $rgb/cmyk \rightarrow rgb_{de}$   
uscita: 3D-linearizzazzione a  $cmyk^*_{de}$

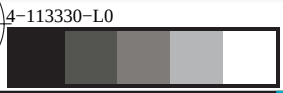


TUB iscrizione: 20130201-SI15/SI15L0FP.PDF /.PS  
la domanda per la misura uscita nella stampa di offset, separazionecmyk\* (CMYK)

TUB materiale: code=rha4ta



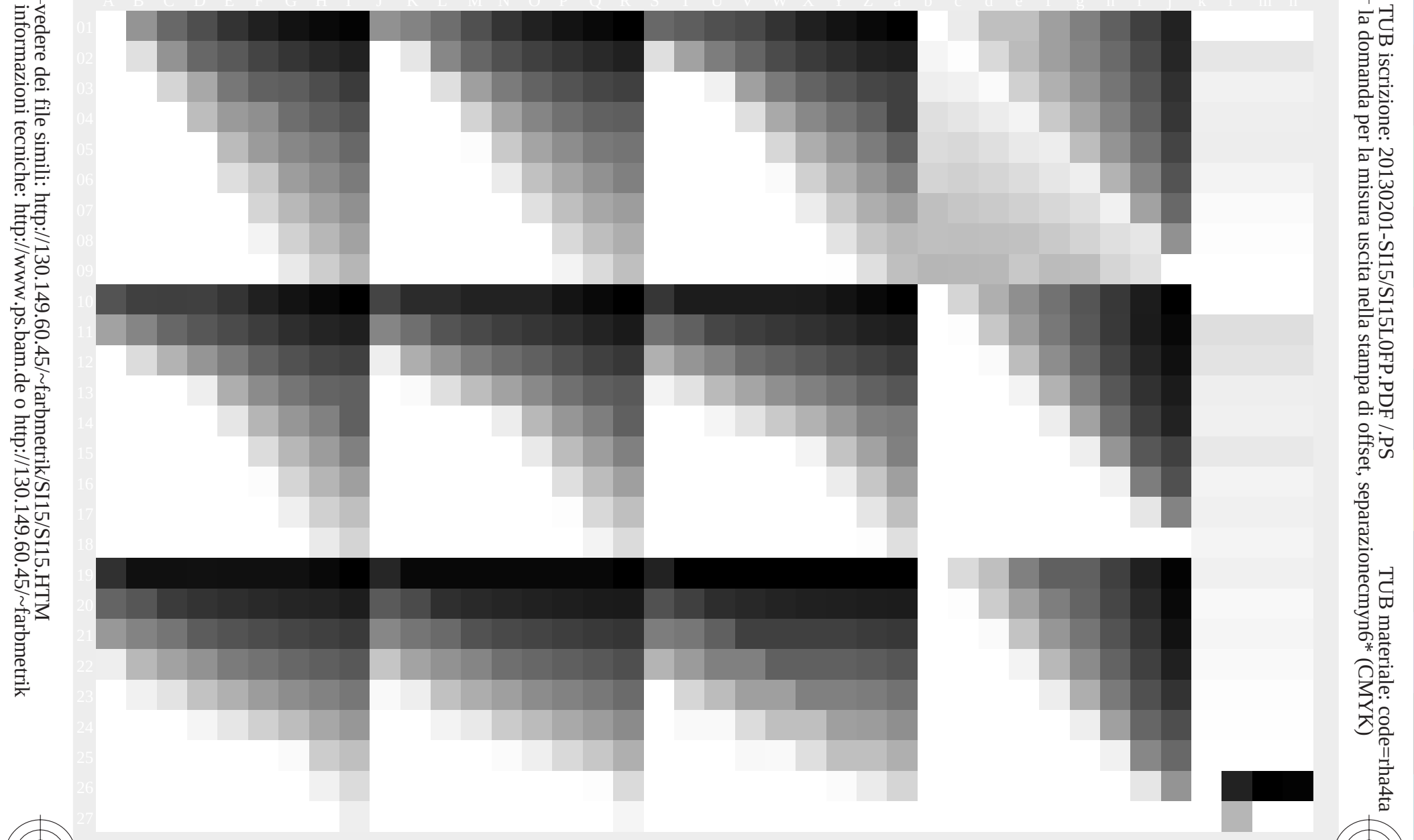
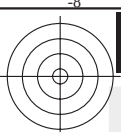
vedere dei file simili: <http://130.149.60.45/~farbmetrik/SI15/SI15.HTM>  
informazioni tecniche: <http://www.ps.bam.de> o <http://130.149.60.45/~farbmetrik>



SI150-73  
grafico TUB-SI15; 1080 colori, carta standard offset  
grafico conformemente a DIN 33872, 3D=1, de=1, *cmyk\**

immettere: *rgb/cmyk* -> *rgb<sub>de</sub>*  
uscita: 3D-linearizzazzione a *cmyk\*<sub>de</sub>*

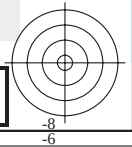
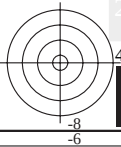




vedere dei file simili: <http://130.149.60.45/~farbmetrik/SI15/SI15.HTM>  
informazioni tecniche: <http://www.ps.bam.de> o <http://130.149.60.45/~farbmetrik>

TUB iscrizione: 20130201-SI15/SI15L0FP.PDF /.PS  
la domanda per la misura uscita nella stampa di offset, separazione cmyk\* (CMYK)

TUB materiale: code=rha4ta



SI150-73

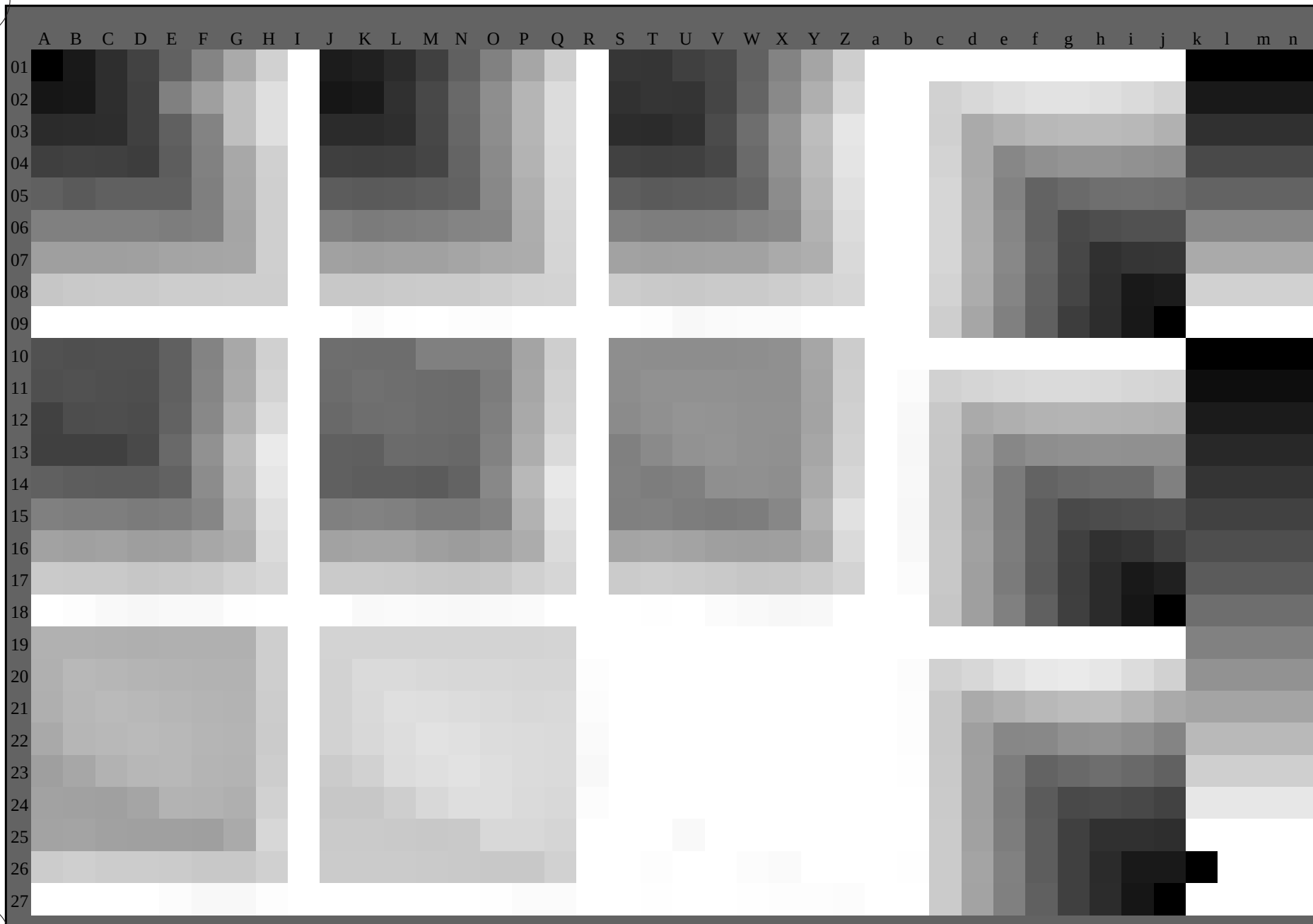
grafico TUB-SI15; 1080 colori, carta standard offset  
grafico conformemente a DIN 33872, 3D=1, de=1, cmyk\*

immettere:  $rgb/cmyk \rightarrow rgb_{de}$   
uscita: 3D-linearizzazione a  $cmyk^*_{de}$



vedere dei file simili: <http://130.149.60.45/~farbmetrik/SI15/SI15.HTM>  
informazioni tecniche: <http://www.ps.bam.de> o <http://130.149.60.45/~farbmetrik>

TUB iscrizione: 20130201-SI15/SI15L0FP.PDF /.PS  
la domanda per la misura uscita nella stampa di offset, separazionecmyk\* (CMYK)  
TUB materiale: code=rha4ta



SI150-73  
grafico TUB-SI15; 1080 colori, carta standard offset  
grafico conformemente a DIN 33872, 3D=1, de=1, cmyk\*

immettere:  $rgb/cmyk \rightarrow rgb_{de}$   
uscita: 3D-linearizzazione a  $cmyk^*_{de}$



Data of Maximum color M in colorimetric system Offset standard print; separation cmyn6\*, 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  $RYGCBM_d$ :  $h_{ab,d} = 30.4, 96.1, 161.6, 234.7, 295.7, 353.2$ ; Six hue angles of the elementary colours  $RYGCBM_e$ :  $h_{ab,e} = 25.5, 92.3, 162.2, 217.0, 271.7, 328.6$

$J=Y_d$

$LCH^*_d = 89.4 \ 89.6 \ 96.0$

$LAB^*_d = 89.4 \ -9.5 \ 89.0$

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

$L=G_d$

$LCH^*_d = 51.6 \ 73.1 \ 161.6$

$LAB^*_d = 51.6 \ -69.3 \ 23.0$

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

$C=C_d$

$LCH^*_d = 57.8 \ 55.3 \ 234.6$

$LAB^*_d = 57.8 \ -31.9 \ -45.1$

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

$b^*_d$  CIELAB ( $a^*_d, b^*_d$ )

$O=R_d$

$LCH^*_d = 47.5 \ 76.0 \ 30.4$

$LAB^*_d = 47.5 \ 65.5 \ 38.4$

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

$M=M_d$

$LCH^*_d = 48.2 \ 74.7 \ 353.2$

$LAB^*_d = 48.2 \ 74.2 \ -8.7$

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

$V=B_d$

$LCH^*_d = 24.9 \ 53.0 \ 295.6$

$LAB^*_d = 24.9 \ 22.9 \ -47.8$

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

$Y_e$

$LCH^*_e = 85.1 \ 83.7 \ 92.3$

$LAB^*_e = 85.1 \ -3.3 \ 83.7$

$rgb^*_{de} = 1.0 \ 0.868 \ 0.0$

$G_e$

$LCH^*_e = 51.7 \ 72.6 \ 162.2$

$LAB^*_e = 51.7 \ -69.1 \ 22.1$

$rgb^*_{de} = 0.0 \ 1.0 \ 0.011$

$C_e$

$LCH^*_e = 56.3 \ 52.4 \ 216.9$

$LAB^*_e = 56.3 \ -41.9 \ -31.5$

$rgb^*_{de} = 0.0 \ 1.0 \ 0.712$

$B_e$

$LCH^*_e = 36.7 \ 46.6 \ 271.7$

$LAB^*_e = 36.7 \ 1.4 \ -46.6$

$rgb^*_{de} = 0.0 \ 0.358 \ 1.0$

$b^*_e$  CIELAB ( $a^*_e, b^*_e$ )

$R_e$

$LCH^*_e = 47.6 \ 73.4 \ 25.4$

$LAB^*_e = 47.6 \ 66.3 \ 31.6$

$rgb^*_{de} = 1.0 \ 0.0 \ 0.131$

$M_e$

$LCH^*_e = 34.9 \ 58.6 \ 328.6$

$LAB^*_e = 34.9 \ 50.0 \ -30.5$

$rgb^*_{de} = 0.42 \ 0.0 \ 1.0$

$b^*_s$  CIELAB ( $a^*_s, b^*_s$ )

$Y_s$

$LCH^*_s = 82.9 \ 81.0 \ 90.0$

$LAB^*_s = 82.9 \ 0.0 \ 81.0$

$rgb^*_{ds} = 1.0 \ 0.812 \ 0.0$

$G_s$

$LCH^*_s = 56.4 \ 65.7 \ 150.0$

$LAB^*_s = 56.4 \ -56.9 \ 32.8$

$rgb^*_{ds} = 0.117 \ 1.0 \ 0.0$

$R_s$

$LCH^*_s = 47.5 \ 75.8 \ 30.0$

$LAB^*_s = 47.5 \ 65.6 \ 37.9$

$rgb^*_{ds} = 1.0 \ 0.0 \ 0.01$

$M_s$

$LCH^*_s = 35.6 \ 59.1 \ 330.0$

$LAB^*_s = 35.6 \ 51.2 \ -29.5$

$rgb^*_{ds} = 0.443 \ 0.0 \ 1.0$

$C_s$

$LCH^*_s = 55.5 \ 52.6 \ 210.0$

$LAB^*_s = 55.5 \ -45.6 \ -26.3$

$rgb^*_{ds} = 0.0 \ 1.0 \ 0.63$

$B_s$

$LCH^*_s = 37.5 \ 46.4 \ 270.0$

$LAB^*_s = 37.5 \ 0.0 \ -46.4$

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

( $a^*_d, b^*_d$ ), ( $a^*_s, b^*_s$ ), ( $a^*_e, b^*_e$ )

$rgb^*, LCH^*, LAB^*$

$h_{ab,i}$

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

$h_{ab,s}$

$s: h_{ab,i} = 30.0, 90.0, 150.0, 210.0, 270.0, 330.0, 390.0 (i=0,6)$

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

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

$h_{ab,e}$

$e: h_{ab,i} = 25.5, 92.3, 162.2, 217.0, 271.7, 328.6, 385.5 (i=0,6)$

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

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

$h_{ab,i}$

$h_{ab,d}$

$rgb^*_{de}$

4-113630-L0

SI150-73

$LAB^*Ia0, YN=0\%, XYZnW=2.5, 2.6, 2.7, 86.0, 90.9, 95.9, LAB^*nw=18.5, 0.0, 0.0, 96.4, 0.0, 0.0$

uscita: Offset standard print; separation cmyn6\*, D65, pagina 7/33

grafico TUB-SI15; 1080 colori, carta standard offset

immettere:  $rgb/cmyk \rightarrow rgb_{de}$

cerchio delle tinte a 48 passi;  $rgb-LabCh^*$  tavole, 3D=1, de=1,  $cmyk \rightarrow 3D-linearizzazzone a cmyk^*_{de}$

4-113630-F0

Data of Maximum color M in colorimetric system Offset standard print; separation cmykn6\*, D65 for input or output; Six hue angles of the 60 degree standard colours RYGBM<sub>6</sub>:  $h_{ab,ds} = 30.0, 90.0, 150.0, 210.0, 270.0, 330.0$ ;  
Six hue angles of the device colours RYGBM<sub>d</sub>:  $h_{ab,d} = 30.4, 96.1, 161.6, 234.7, 295.7, 353.2$ ; Six hue angles of the elementary colours RYGBM<sub>e</sub>:  $h_{ab,e} = 25.5, 92.3, 162.2, 217.0, 271.7, 328.6$

| Six hue angles of the device colours $LAB^*_{d64M}$ , $rgb^*_{d64M}$ , $LAB^*_{d361M}$ , $rgb^*_{d361M}$ , $LAB^*_{dex361M}$ , $rgb^*_{dex361M}$ |            |            |                |       |       |      |                          |       |      |       | Six hue angles of the elementary colours $LAB^*_{d64M}$ , $rgb^*_{d64M}$ , $LAB^*_{d361M}$ , $rgb^*_{d361M}$ , $LAB^*_{dex361M}$ , $rgb^*_{dex361M}$ |       |       |      |                           |       |      |     |                   |       |       |      |                   |       |       |      |       |       |       |      |       |       |       |      |     |
|--------------------------------------------------------------------------------------------------------------------------------------------------|------------|------------|----------------|-------|-------|------|--------------------------|-------|------|-------|------------------------------------------------------------------------------------------------------------------------------------------------------|-------|-------|------|---------------------------|-------|------|-----|-------------------|-------|-------|------|-------------------|-------|-------|------|-------|-------|-------|------|-------|-------|-------|------|-----|
| $h_{ab,d}$                                                                                                                                       | $h_{ab,s}$ | $h_{ab,e}$ | $rgb^*_{d64M}$ |       |       |      | $LAB^*_{d64M}$ (x=LabCh) |       |      |       | $rgb^*_{d361M}$                                                                                                                                      |       |       |      | $LAB^*_{d361M}$ (x=LabCh) |       |      |     | $rgb^*_{dex361M}$ |       |       |      | $LAB^*_{dex361M}$ |       |       |      |       |       |       |      |       |       |       |      |     |
| 30.4                                                                                                                                             | 30.0       | 25.4       | 1.0            | 0.0   | 0.0   | 47.5 | 65.5                     | 38.4  | 76.0 | 30.4  | 1.0                                                                                                                                                  | 0.0   | 0.0   | 47.5 | 65.6                      | 38.5  | 76.1 | 30  | 1.0               | 0.0   | 0.011 | 47.5 | 65.7              | 37.9  | 75.8  | 30   | 1.0   | 0.0   | 0.131 | 47.7 | 66.3  | 31.6  | 73.5  | 25   |     |
| 37.2                                                                                                                                             | 37.5       | 33.8       | 1.0            | 0.125 | 0.0   | 51.5 | 56.6                     | 43.1  | 71.2 | 37.2  | 1.0                                                                                                                                                  | 0.117 | 0.0   | 51.3 | 57.3                      | 42.9  | 71.6 | 36  | 1.0               | 0.12  | 0.0   | 51.4 | 57.0              | 43.0  | 71.4  | 37   | 1.0   | 0.052 | 0.0   | 49.2 | 61.9  | 40.6  | 74.0  | 33   |     |
| 47.2                                                                                                                                             | 45.0       | 42.1       | 1.0            | 0.25  | 0.0   | 56.6 | 45.8                     | 49.4  | 67.4 | 47.2  | 1.0                                                                                                                                                  | 0.25  | 0.0   | 56.6 | 45.8                      | 49.5  | 67.4 | 47  | 1.0               | 0.222 | 0.0   | 55.5 | 48.3              | 48.3  | 68.3  | 45   | 1.0   | 0.187 | 0.0   | 54.1 | 51.4  | 46.6  | 69.4  | 42   |     |
| 58.6                                                                                                                                             | 52.5       | 50.5       | 1.0            | 0.375 | 0.0   | 62.3 | 34.4                     | 56.4  | 66.1 | 58.6  | 1.0                                                                                                                                                  | 0.367 | 0.0   | 62.0 | 35.2                      | 56.1  | 66.2 | 57  | 1.0               | 0.302 | 0.0   | 59.0 | 41.2              | 52.7  | 66.9  | 52   | 1.0   | 0.28  | 0.0   | 58.0 | 43.2  | 51.4  | 67.1  | 49   |     |
| 69.1                                                                                                                                             | 60.0       | 58.8       | 1.0            | 0.5   | 0.0   | 68.1 | 24.0                     | 63.0  | 67.4 | 69.1  | 1.0                                                                                                                                                  | 0.5   | 0.0   | 68.1 | 24.0                      | 63.0  | 67.5 | 69  | 1.0               | 0.391 | 0.0   | 63.1 | 33.1              | 57.4  | 66.3  | 60   | 1.0   | 0.378 | 0.0   | 62.5 | 34.2  | 56.6  | 66.1  | 58   |     |
| 80.3                                                                                                                                             | 67.5       | 67.2       | 1.0            | 0.625 | 0.0   | 74.9 | 12.1                     | 71.5  | 72.5 | 80.3  | 1.0                                                                                                                                                  | 0.617 | 0.0   | 74.5 | 13.1                      | 71.1  | 72.2 | 79  | 1.0               | 0.475 | 0.0   | 66.9 | 26.3              | 61.8  | 67.2  | 67   | 1.0   | 0.471 | 0.0   | 66.8 | 26.6  | 61.7  | 67.1  | 66   |     |
| 87.4                                                                                                                                             | 75.0       | 75.6       | 1.0            | 0.75  | 0.0   | 80.5 | 3.4                      | 78.0  | 78.1 | 87.4  | 1.0                                                                                                                                                  | 0.75  | 0.0   | 80.6 | 3.5                       | 78.1  | 78.1 | 87  | 1.0               | 0.565 | 0.0   | 71.7 | 18.2              | 67.8  | 70.1  | 75   | 1.0   | 0.572 | 0.0   | 72.1 | 17.5  | 68.2  | 70.4  | 75   |     |
| 92.5                                                                                                                                             | 82.5       | 83.9       | 1.0            | 0.875 | 0.0   | 85.4 | -3.7                     | 84.0  | 84.0 | 92.5  | 1.0                                                                                                                                                  | 0.867 | 0.0   | 85.1 | -3.2                      | 83.6  | 83.7 | 92  | 1.0               | 0.654 | 0.0   | 76.3 | 10.3              | 73.2  | 73.9  | 82   | 1.0   | 0.679 | 0.0   | 77.4 | 8.6   | 74.5  | 75.0  | 83   |     |
| 96.0                                                                                                                                             | 90.0       | 92.3       | 1.0            | 1.0   | 0.0   | 89.4 | -9.5                     | 89.0  | 89.6 | 96.0  | 1.0                                                                                                                                                  | 1.0   | 0.0   | 89.4 | -9.4                      | 89.1  | 89.6 | 96  | 1.0               | 0.812 | 0.0   | 83.0 | 0.0               | 81.1  | 81.1  | 90   | 1.0   | 0.868 | 0.0   | 85.2 | -3.3  | 83.7  | 83.8  | 92   |     |
| 99.5                                                                                                                                             | 97.5       | 101.0      | 0.875          | 1.0   | 0.0   | 86.7 | -13.9                    | 82.7  | 83.8 | 99.5  | 0.883                                                                                                                                                | 1.0   | 0.0   | 86.9 | -13.6                     | 83.1  | 84.3 | 99  | 0.967             | 1.0   | 0.0   | 88.7 | -10.6             | 87.4  | 88.1  | 97   | 0.842 | 1.0   | 0.0   | 85.9 | -14.9 | 81.3  | 82.6  | 100  |     |
| 102.9                                                                                                                                            | 105.0      | 109.7      | 0.75           | 1.0   | 0.0   | 83.7 | -17.7                    | 77.1  | 79.2 | 102.9 | 0.75                                                                                                                                                 | 1.0   | 0.0   | 83.7 | -17.7                     | 77.2  | 79.2 | 102 | 0.7               | 1.0   | 0.0   | 81.4 | -20.0             | 74.9  | 77.5  | 105  | 0.598 | 1.0   | 0.0   | 77.0 | -24.8 | 69.2  | 73.5  | 108  |     |
| 107.9                                                                                                                                            | 112.5      | 118.5      | 0.625          | 1.0   | 0.0   | 77.9 | -23.1                    | 71.3  | 75.0 | 107.9 | 0.633                                                                                                                                                | 1.0   | 0.0   | 78.4 | -22.7                     | 71.7  | 75.3 | 107 | 0.566             | 1.0   | 0.0   | 75.7 | -26.7             | 66.4  | 71.6  | 112  | 0.477 | 1.0   | 0.0   | 72.4 | -31.4 | 59.4  | 67.3  | 115  |     |
| 116.4                                                                                                                                            | 120.0      | 127.2      | 0.5            | 1.0   | 0.0   | 73.1 | -30.2                    | 60.8  | 67.9 | 116.4 | 0.5                                                                                                                                                  | 1.0   | 0.0   | 73.2 | -30.1                     | 60.8  | 67.9 | 116 | 0.445             | 1.0   | 0.0   | 71.3 | -33.1             | 57.5  | 66.4  | 120  | 0.35  | 1.0   | 0.0   | 67.3 | -38.8 | 51.1  | 64.3  | 127  |     |
| 124.5                                                                                                                                            | 127.5      | 136.0      | 0.375          | 1.0   | 0.0   | 68.8 | -36.5                    | 53.0  | 64.4 | 124.5 | 0.383                                                                                                                                                | 1.0   | 0.0   | 69.1 | -36.1                     | 53.6  | 64.6 | 124 | 0.353             | 1.0   | 0.0   | 67.4 | -38.6             | 51.3  | 64.3  | 127  | 0.276 | 1.0   | 0.0   | 62.5 | -45.4 | 44.8  | 63.9  | 134  |     |
| 138.2                                                                                                                                            | 135.0      | 144.7      | 0.25           | 1.0   | 0.0   | 60.8 | -47.5                    | 42.4  | 63.7 | 138.2 | 0.25                                                                                                                                                 | 1.0   | 0.0   | 60.9 | -47.4                     | 42.4  | 63.7 | 138 | 0.28              | 1.0   | 0.0   | 62.8 | -45.1             | 45.2  | 63.9  | 135  | 0.176 | 1.0   | 0.0   | 58.4 | -52.7 | 37.3  | 64.6  | 143  |     |
| 149.2                                                                                                                                            | 142.5      | 153.4      | 0.125          | 1.0   | 0.0   | 56.7 | -56.1                    | 33.3  | 65.2 | 149.2 | 0.133                                                                                                                                                | 1.0   | 0.0   | 57.0 | -55.5                     | 34.0  | 65.2 | 148 | 0.207             | 1.0   | 0.0   | 59.5 | -50.5             | 39.6  | 64.2  | 142  | 0.088 | 1.0   | 0.0   | 55.2 | -60.1 | 30.8  | 67.6  | 151  |     |
| 161.6                                                                                                                                            | 150.0      | 162.2      | 0.0            | 1.0   | 0.0   | 51.6 | -69.3                    | 23.0  | 73.1 | 161.6 | 0.0                                                                                                                                                  | 1.0   | 0.0   | 51.7 | -69.3                     | 23.1  | 73.1 | 161 | 0.117             | 1.0   | 0.0   | 56.4 | -56.8             | 32.9  | 65.8  | 150  | 0.0   | 1.0   | 0.011 | 51.7 | -69.0 | 22.2  | 72.6  | 161  |     |
| 168.3                                                                                                                                            | 157.5      | 169.0      | 0.0            | 1.0   | 0.125 | 52.3 | -66.1                    | 13.6  | 67.5 | 168.3 | 0.0                                                                                                                                                  | 1.0   | 0.117 | 52.3 | -66.3                     | 14.3  | 67.9 | 167 | 0.047             | 1.0   | 0.0   | 53.5 | -64.5             | 27.4  | 70.2  | 157  | 0.0   | 1.0   | 0.129 | 52.4 | -65.9 | 13.3  | 67.3  | 168  |     |
| 176.2                                                                                                                                            | 165.0      | 175.9      | 0.0            | 1.0   | 0.25  | 53.0 | -61.8                    | 4.0   | 61.9 | 176.2 | 0.0                                                                                                                                                  | 1.0   | 0.25  | 53.0 | -61.8                     | 4.0   | 62.0 | 176 | 0.0               | 1.0   | 0.063 | 52.0 | -67.8             | 18.2  | 70.3  | 165  | 0.0   | 1.0   | 0.244 | 53.0 | -62.0 | 4.4   | 62.2  | 173  |     |
| 186.9                                                                                                                                            | 172.5      | 182.7      | 0.0            | 1.0   | 0.375 | 53.8 | -56.5                    | -6.8  | 56.9 | 186.9 | 0.0                                                                                                                                                  | 1.0   | 0.367 | 53.8 | -56.9                     | -6.1  | 57.3 | 186 | 0.0               | 1.0   | 0.183 | 52.7 | -64.2             | 9.0   | 65.0  | 172  | 0.0   | 1.0   | 0.321 | 53.5 | -59.0 | -2.3  | 59.1  | 181  |     |
| 198.8                                                                                                                                            | 180.0      | 189.6      | 0.0            | 1.0   | 0.5   | 54.6 | -50.8                    | -17.3 | 53.7 | 198.8 | 0.0                                                                                                                                                  | 1.0   | 0.5   | 54.7 | -50.8                     | -17.2 | 53.7 | 198 | 0.0               | 1.0   | 0.294 | 53.3 | -60.1             | 0.0   | 60.2  | 180  | 0.0   | 1.0   | 0.403 | 54.0 | -55.4 | -9.3  | 56.2  | 189  |     |
| 209.5                                                                                                                                            | 187.5      | 196.4      | 0.0            | 1.0   | 0.625 | 55.4 | -45.8                    | -25.9 | 52.6 | 209.5 | 0.0                                                                                                                                                  | 1.0   | 0.617 | 55.4 | -46.1                     | -25.3 | 52.7 | 208 | 0.0               | 1.0   | 0.376 | 53.9 | -56.4             | -6.8  | 56.9  | 187  | 0.0   | 1.0   | 0.47  | 54.5 | -52.3 | -14.9 | 54.5  | 199  |     |
| 220.1                                                                                                                                            | 195.0      | 203.2      | 0.0            | 1.0   | 0.75  | 56.6 | -40.0                    | -33.7 | 52.4 | 220.1 | 0.0                                                                                                                                                  | 1.0   | 0.75  | 56.7 | -40.0                     | -33.7 | 52.4 | 220 | 0.0               | 1.0   | 0.46  | 54.4 | -52.8             | -14.1 | 54.8  | 195  | 0.0   | 1.0   | 0.552 | 55.0 | -48.9 | -21.0 | 53.3  | 203  |     |
| 227.6                                                                                                                                            | 202.5      | 210.1      | 0.0            | 1.0   | 0.875 | 57.2 | -36.1                    | -39.6 | 53.6 | 227.6 | 0.0                                                                                                                                                  | 1.0   | 0.867 | 57.3 | -36.3                     | -39.2 | 53.6 | 227 | 0.0               | 1.0   | 0.537 | 54.9 | -49.4             | -19.9 | 53.4  | 202  | 0.0   | 1.0   | 0.627 | 55.5 | -45.7 | -26.0 | 52.7  | 209  |     |
| 234.6                                                                                                                                            | 210.0      | 216.9      | 0.0            | 1.0   | 1.0   | 57.8 | -31.9                    | -45.1 | 55.3 | 234.6 | 0.0                                                                                                                                                  | 1.0   | 1.0   | 57.9 | -31.9                     | -45.0 | 55.3 | 234 | 0.0               | 1.0   | 0.631 | 55.5 | -45.5             | -26.2 | 52.7  | 210  | 0.0   | 1.0   | 0.713 | 56.3 | -41.8 | -31.5 | 52.5  | 216  |     |
| 238.7                                                                                                                                            | 217.5      | 223.8      | 0.0            | 0.875 | 1.0   | 54.9 | -27.5                    | -45.3 | 53.0 | 238.7 | 0.0                                                                                                                                                  | 0.883 | 1.0   | 55.1 | -27.8                     | -45.3 | 53.2 | 238 | 0.0               | 1.0   | 0.713 | 56.3 | -41.8             | -31.5 | 52.5  | 217  | 0.0   | 1.0   | 0.804 | 56.9 | -38.4 | -36.3 | 52.9  | 223  |     |
| 244.0                                                                                                                                            | 225.0      | 230.6      | 0.0            | 0.75  | 1.0   | 51.3 | -22.1                    | -45.6 | 50.7 | 244.0 | 0.0                                                                                                                                                  | 0.75  | 1.0   | 51.3 | -22.1                     | -45.5 | 50.7 | 244 | 0.0               | 1.0   | 0.831 | 57.1 | -37.5             | -37.5 | 53.2  | 225  | 0.0   | 1.0   | 0.929 | 57.5 | -34.4 | -41.9 | 54.4  | 230  |     |
| 250.7                                                                                                                                            | 232.5      | 237.5      | 0.0            | 0.625 | 1.0   | 47.2 | -16.0                    | -45.9 | 48.7 | 250.7 | 0.0                                                                                                                                                  | 0.633 | 1.0   | 47.5 | -16.3                     | -45.9 | 48.8 | 250 | 0.0               | 1.0   | 0.952 | 57.7 | -33.6             | -43.0 | 54.7  | 232  | 0.0   | 0.927 | 1.0   | 56.1 | -29.3 | -45.2 | 54.0  | 237  |     |
| 260.4                                                                                                                                            | 240.0      | 244.3      | 0.0            | 0.5   | 1.0   | 42.3 | -7.7                     | -46.3 | 46.9 | 260.4 | 0.0                                                                                                                                                  | 0.5   | 1.0   | 42.4 | -7.7                      | -46.2 | 47.0 | 260 | 0.0               | 1.0   | 0.845 | 1.0  | 54.1              | -26.2 | -45.4 | 52.5 | 240   | 0.0   | 0.745 | 1.0  | 51.2  | -21.8 | -45.6 | 50.6 | 244 |
| 270.4                                                                                                                                            | 247.5      | 251.2      | 0.0            | 0.375 | 1.0   | 37.3 | 0.3                      | -46.4 | 46.4 | 270.4 | 0.0                                                                                                                                                  | 0.383 | 1.0   | 37.7 | -0.1                      | -46.4 | 46.5 | 269 | 0.0               | 1.0   | 0.695 | 1.0  | 49.6              | -19.4 | -45.8 | 49.8 | 247   | 0.0   | 0.625 | 1.0  | 47.3  | -16.0 | -45.9 | 48.7 | 250 |
| 280.2                                                                                                                                            | 255.0      | 258.0      | 0.0            | 0.25  | 1.0   | 32.7 | 8.5                      | -47.0 | 47.8 | 280.2 | 0.0                                                                                                                                                  | 0.25  | 1.0   | 32.8 | 8.5                       | -47.0 | 47.8 | 280 | 0.0               | 1.0   | 0.57  | 1.0  | 45.1              | -12.3 | -46.2 | 47.9 | 255   | 0.0   | 0.531 | 1.0  | 43.6  | -9.7  | -46.3 | 47.4 | 258 |
| 289.3                                                                                                                                            | 262.5      | 264.8      | 0.0            | 0.125 | 1.0   | 28.1 | 16.7                     | -47.6 | 50.4 | 289.3 | 0.0                                                                                                                                                  | 0.133 | 1.0   | 28.4 | 16.2                      | -47.5 | 50.3 | 288 | 0.0               | 1.0   | 0.481 | 1.0  | 41.6              | -6.4  | -46.3 | 46.9 | 262   | 0.0   | 0.45  | 1.0  | 40.3  | -4.4  | -46.5 | 46.8 | 264 |
| 295.6                                                                                                                                            | 270.0      | 271.7      | 0.0            | 0.0   | 1.0   | 24.9 | 22.9                     | -47.8 | 53.0 | 295.6 |                                                                                                                                                      |       |       |      |                           |       |      |     |                   |       |       |      |                   |       |       |      |       |       |       |      |       |       |       |      |     |



Data of Maximum color M in colorimetric system Offset standard print; separation cmyn6\*, 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  $RYGCBM_d$ :  $h_{ab,d} = 30.4, 96.1, 161.6, 234.7, 295.7, 353.2$ ; Six hue angles of the elementary colours  $RYGCBM_e$ :  $h_{ab,e} = 25.5, 92.3, 162.2, 217.0, 271.7, 328.6$

| $h_{ab,d}$ | $h_{ab,s}$ | $h_{ab,e}$ | $rgb^*_{dd64M}$ | $LAB^*_{dd64M}$ | $LAB^*_{dex361M}$ | $rgb^*_{dex361M}$ | $LAB^*_{dex361M}$ | $rgb^*_{dd}$ | $rgb^*_{ds}$ | $rgb^*_{de}$ |
|------------|------------|------------|-----------------|-----------------|-------------------|-------------------|-------------------|--------------|--------------|--------------|
| 30.4       | 30.0       | 25.4       | 1.0             | 0.0             | 0.0               | 47.5              | 65.5              | 38.4         | 76.0         | 30.4         |
| 37.2       | 37.5       | 33.8       | 1.0             | 0.125           | 0.0               | 51.5              | 56.6              | 43.1         | 71.2         | 37.2         |
| 47.2       | 45.0       | 42.1       | 1.0             | 0.25            | 0.0               | 56.6              | 45.8              | 49.4         | 67.4         | 47.2         |
| 58.6       | 52.5       | 50.5       | 1.0             | 0.375           | 0.0               | 62.3              | 34.4              | 56.4         | 66.1         | 58.6         |
| 69.1       | 60.0       | 58.8       | 1.0             | 0.5             | 0.0               | 68.1              | 24.0              | 63.0         | 67.4         | 69.1         |
| 80.3       | 67.5       | 67.2       | 1.0             | 0.625           | 0.0               | 74.9              | 12.1              | 71.5         | 72.5         | 80.3         |
| 87.4       | 75.0       | 75.6       | 1.0             | 0.75            | 0.0               | 80.5              | 3.4               | 78.0         | 78.1         | 87.4         |
| 92.5       | 82.5       | 83.9       | 1.0             | 0.875           | 0.0               | 85.4              | -3.7              | 84.0         | 84.0         | 92.5         |
| 96.0       | 90.0       | 92.3       | 1.0             | 1.0             | 0.0               | 89.4              | -9.5              | 89.0         | 89.6         | 96.0         |
| 99.5       | 97.5       | 101.0      | 0.875           | 1.0             | 0.0               | 86.7              | -13.9             | 82.7         | 83.8         | 99.5         |
| 102.9      | 105.0      | 109.7      | 0.75            | 1.0             | 0.0               | 83.7              | -17.7             | 77.1         | 79.2         | 102.9        |
| 107.9      | 112.5      | 118.5      | 0.625           | 1.0             | 0.0               | 77.9              | -23.1             | 71.3         | 75.0         | 107.9        |
| 116.4      | 120.0      | 127.2      | 0.5             | 1.0             | 0.0               | 73.1              | -30.2             | 60.8         | 67.9         | 116.4        |
| 124.5      | 127.5      | 136.0      | 0.375           | 1.0             | 0.0               | 68.8              | -36.5             | 53.0         | 64.4         | 124.5        |
| 138.2      | 135.0      | 144.7      | 0.25            | 1.0             | 0.0               | 60.8              | -47.5             | 42.4         | 63.7         | 138.2        |
| 149.2      | 142.5      | 153.4      | 0.125           | 1.0             | 0.0               | 56.7              | -56.1             | 33.3         | 65.2         | 149.2        |
| 161.6      | 150.0      | 162.2      | 0.0             | 1.0             | 0.0               | 51.6              | -69.3             | 23.0         | 73.1         | 161.6        |
| 168.3      | 157.5      | 169.0      | 0.0             | 1.0             | 0.125             | 52.3              | -66.1             | 13.6         | 67.5         | 168.3        |
| 176.2      | 165.0      | 175.9      | 0.0             | 1.0             | 0.25              | 53.0              | -61.8             | 4.0          | 61.9         | 176.2        |
| 186.9      | 172.5      | 182.7      | 0.0             | 1.0             | 0.375             | 53.8              | -56.5             | -6.8         | 56.9         | 186.9        |
| 198.8      | 180.0      | 189.6      | 0.0             | 1.0             | 0.5               | 54.6              | -50.8             | -17.3        | 53.7         | 198.8        |
| 209.5      | 187.5      | 196.4      | 0.0             | 1.0             | 0.625             | 55.4              | -45.8             | -25.9        | 52.6         | 209.5        |
| 220.1      | 195.0      | 203.2      | 0.0             | 1.0             | 0.75              | 56.6              | -40.0             | -33.7        | 52.4         | 220.1        |
| 227.6      | 202.5      | 210.1      | 0.0             | 1.0             | 0.875             | 57.2              | -36.1             | -39.6        | 53.6         | 227.6        |
| 234.6      | 210.0      | 216.9      | 0.0             | 1.0             | 1.0               | 57.8              | -31.9             | -45.1        | 55.3         | 234.6        |
| 238.7      | 217.5      | 223.8      | 0.0             | 0.875           | 1.0               | 54.9              | -27.5             | -45.3        | 53.0         | 238.7        |
| 244.0      | 225.0      | 230.6      | 0.0             | 0.75            | 1.0               | 51.3              | -22.1             | -45.6        | 50.7         | 244.0        |
| 250.7      | 232.5      | 237.5      | 0.0             | 0.625           | 1.0               | 47.2              | -16.0             | -45.9        | 48.7         | 250.7        |
| 260.4      | 240.0      | 244.3      | 0.0             | 0.5             | 1.0               | 42.3              | -7.7              | -46.3        | 46.9         | 260.4        |
| 270.4      | 247.5      | 251.2      | 0.0             | 0.375           | 1.0               | 37.3              | 0.3               | -46.4        | 46.4         | 270.4        |
| 280.2      | 255.0      | 258.0      | 0.0             | 0.25            | 1.0               | 32.7              | 8.5               | -47.0        | 47.8         | 280.2        |
| 289.3      | 262.5      | 264.8      | 0.0             | 0.125           | 1.0               | 28.1              | 16.7              | -47.6        | 50.4         | 289.3        |
| 295.6      | 270.0      | 271.7      | 0.0             | 0.0             | 1.0               | 24.9              | 22.9              | -47.8        | 53.0         | 295.6        |
| 305.9      | 277.5      | 278.8      | 0.125           | 0.0             | 1.0               | 27.8              | 31.4              | -43.4        | 53.6         | 305.9        |
| 311.7      | 285.0      | 285.9      | 0.25            | 0.0             | 1.0               | 29.9              | 36.0              | -40.4        | 54.1         | 311.7        |
| 325.9      | 292.5      | 293.0      | 0.375           | 0.0             | 1.0               | 33.7              | 47.7              | -32.2        | 57.5         | 325.9        |
| 333.2      | 300.0      | 300.1      | 0.5             | 0.0             | 1.0               | 37.0              | 53.9              | -27.1        | 60.4         | 333.2        |
| 339.6      | 307.5      | 307.2      | 0.625           | 0.0             | 1.0               | 40.2              | 59.7              | -22.1        | 63.7         | 339.6        |
| 346.7      | 315.0      | 314.3      | 0.75            | 0.0             | 1.0               | 43.3              | 66.7              | -15.7        | 68.5         | 346.7        |
| 350.3      | 322.5      | 321.4      | 0.875           | 0.0             | 1.0               | 45.9              | 70.7              | -12.0        | 71.7         | 350.3        |
| 353.2      | 330.0      | 328.6      | 1.0             | 0.0             | 1.0               | 48.2              | 74.2              | -8.7         | 74.7         | 353.2        |
| 356.1      | 337.5      | 335.7      | 1.0             | 0.0             | 0.875             | 48.2              | 73.1              | -4.9         | 73.3         | 356.1        |
| 359.3      | 345.0      | 342.8      | 1.0             | 0.0             | 0.75              | 48.1              | 72.1              | -0.7         | 72.1         | 359.3        |
| 364.0      | 352.5      | 349.9      | 1.0             | 0.0             | 0.625             | 48.0              | 70.7              | 4.9          | 70.9         | 364.0        |
| 369.2      | 360.0      | 357.0      | 1.0             | 0.0             | 0.5               | 47.8              | 69.7              | 11.3         | 70.6         | 369.2        |
| 375.0      | 367.5      | 364.1      | 1.0             | 0.0             | 0.375             | 47.8              | 68.2              | 18.3         | 70.6         | 375.0        |
| 380.8      | 375.0      | 371.2      | 1.0             | 0.0             | 0.25              | 47.8              | 67.0              | 25.4         | 71.7         | 380.8        |
| 385.7      | 382.5      | 378.3      | 1.0             | 0.0             | 0.125             | 47.6              | 66.2              | 31.9         | 73.5         | 385.7        |
| 390.4      | 390.0      | 385.4      | 1.0             | 0.0             | 0.0               | 47.5              | 65.5              | 38.4         | 76.0         | 390.4        |

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SI150-73

LAB\*la0, YN=0%, XYZnw=2.5, 2.6, 2.7, 86.0, 90.9, 95.9, LAB\*nw=18.5, 0.0, 0.0, 96.4, 0.0, 0.0

uscita: Offset standard print; separation cmyn6\*, D65, pagina 9/33

grafico TUB-SI15; 1080 colori, carta standard offset  
cerchio delle tinte a 48 passi;  $rgb-LabCh^*_{tavole}$ , 3D=1, de=1,  $cmyn6^*_{3D}$ -linearizzazione a  $cmyn6^*_{de}$

immettere:  $rgb/cmyk \rightarrow rgb_{de}$

uscire:  $cmyn6^*_{3D}$ -linearizzazione a  $cmyn6^*_{de}$

TUB iscrizione: 20130201-SI15/SI15L0FP.PDF /.PS  
la domanda per la misura uscita nella stampa di offset, separazione cmyn6\* (CMYK)

TUB materiale: code=rha4ta

vedere dei file simili: <http://130.149.60.45/~farbmetrik/SI15/SI15.HTM>  
informazioni tecniche: <http://www.ps.bam.de> o <http://130.149.60.45/~farbmetrik>

Data of Maximum color M in colorimetric system Offset standard print; separation cmyn6\*, 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  $RYGCBM_d$ :  $h_{ab,d} = 30.4, 96.1, 161.6, 234.7, 295.7, 353.2$ ; Six hue angles of the elementary colours  $RYGCBM_e$ :  $h_{ab,e} = 25.5, 92.3, 162.2, 217.0, 271.7, 328.6$

| $h_{ab,d}$ | $h_{ab,s}$ | $h_{ab,e}$ | $rgb^*_{dd361M}$ | $LAB^*_{dd361M}(x=LabCh)$ | $R_d$ | $rgb^*_{ds361Mi}$ | $LAB^*_{dsx361Mi}(x=LabCh)$ | $R_s$ | $rgb^*_{dd361Mi}$ | $LAB^*_{de361Mi}$ | $rgb^*_{dex361Mi}(x=LabCh)$ | $R_e$ | $rgb^*_{dd361Mi}$ | $rgb^*_{dd}$ | $rgb^*_{ds}$ | $rgb^*_{de}$ |
|------------|------------|------------|------------------|---------------------------|-------|-------------------|-----------------------------|-------|-------------------|-------------------|-----------------------------|-------|-------------------|--------------|--------------|--------------|
| 30         | 30         | 25         | 1.0 0.0 0.0      | 47.5 65.5 38.4 76.0 30    |       | 1.0 0.0 0.011     | 47.5 65.7 37.9 75.8 30      |       | 1.0 0.0 0.0       | 1.0 0.0 0.131     | 47.7 66.3 31.6 73.5 25      |       | 1.0 0.0 0.0       |              |              |              |
| 31         | 31         | 26         | 1.0 0.016 0.0    | 48.0 64.4 39.2 75.4 31    |       | 1.0 0.011 0.0     | 47.9 64.8 39.0 75.6 31      |       | 1.0 0.017 0.0     | 1.0 0.0 0.102     | 47.6 66.2 33.1 74.0 26      |       | 1.0 0.017 0.0     |              |              |              |
| 32         | 32         | 27         | 1.0 0.033 0.0    | 48.5 63.2 39.8 74.7 32    |       | 1.0 0.029 0.0     | 48.5 63.6 39.7 74.9 32      |       | 1.0 0.033 0.0     | 1.0 0.0 0.072     | 47.6 66.1 34.7 74.6 27      |       | 1.0 0.033 0.0     |              |              |              |
| 33         | 33         | 28         | 1.0 0.05 0.0     | 49.1 62.0 40.5 74.1 33    |       | 1.0 0.047 0.0     | 49.0 62.3 40.4 74.2 33      |       | 1.0 0.05 0.0      | 1.0 0.0 0.043     | 47.6 65.9 36.3 75.2 28      |       | 1.0 0.05 0.0      |              |              |              |
| 34         | 34         | 29         | 1.0 0.066 0.0    | 49.6 60.8 41.1 73.4 34    |       | 1.0 0.065 0.0     | 49.6 61.0 41.1 73.5 34      |       | 1.0 0.067 0.0     | 1.0 0.0 0.013     | 47.5 65.7 37.8 75.8 29      |       | 1.0 0.067 0.0     |              |              |              |
| 34         | 35         | 31         | 1.0 0.083 0.0    | 50.2 59.6 41.7 72.8 34    |       | 1.0 0.084 0.0     | 50.2 59.7 41.8 72.8 35      |       | 1.0 0.083 0.0     | 1.0 0.012 0.0     | 47.9 64.8 39.0 75.6 31      |       | 1.0 0.083 0.0     |              |              |              |
| 35         | 36         | 32         | 1.0 0.1 0.0      | 50.7 58.4 42.3 72.1 35    |       | 1.0 0.102 0.0     | 50.8 58.3 42.4 72.1 36      |       | 1.0 0.1 0.0       | 1.0 0.032 0.0     | 48.6 63.3 39.8 74.8 32      |       | 1.0 0.1 0.0       |              |              |              |
| 36         | 37         | 33         | 1.0 0.116 0.0    | 51.2 57.2 42.8 71.5 36    |       | 1.0 0.12 0.0      | 51.4 57.0 43.0 71.4 37      |       | 1.0 0.117 0.0     | 1.0 0.052 0.0     | 49.2 61.9 40.6 74.0 33      |       | 1.0 0.117 0.0     |              |              |              |
| 37         | 38         | 34         | 1.0 0.133 0.0    | 51.8 55.9 43.6 70.9 37    |       | 1.0 0.134 0.0     | 51.9 55.9 43.7 71.0 38      |       | 1.0 0.133 0.0     | 1.0 0.073 0.0     | 49.9 60.5 41.4 73.3 34      |       | 1.0 0.133 0.0     |              |              |              |
| 39         | 39         | 35         | 1.0 0.15 0.0     | 52.5 54.5 44.5 70.4 39    |       | 1.0 0.147 0.0     | 52.4 54.8 44.4 70.6 39      |       | 1.0 0.15 0.0      | 1.0 0.093 0.0     | 50.5 59.0 42.1 72.5 35      |       | 1.0 0.15 0.0      |              |              |              |
| 40         | 40         | 36         | 1.0 0.166 0.0    | 53.2 53.1 45.5 69.9 40    |       | 1.0 0.159 0.0     | 52.9 53.8 45.1 70.2 40      |       | 1.0 0.167 0.0     | 1.0 0.113 0.0     | 51.2 57.5 42.8 71.7 36      |       | 1.0 0.167 0.0     |              |              |              |
| 41         | 41         | 37         | 1.0 0.183 0.0    | 53.9 51.7 46.3 69.4 41    |       | 1.0 0.172 0.0     | 53.5 52.7 45.8 69.8 41      |       | 1.0 0.183 0.0     | 1.0 0.131 0.0     | 51.8 56.2 43.5 71.1 37      |       | 1.0 0.183 0.0     |              |              |              |
| 43         | 42         | 38         | 1.0 0.2 0.0      | 54.5 50.2 47.2 68.9 43    |       | 1.0 0.185 0.0     | 54.0 51.6 46.5 69.4 42      |       | 1.0 0.2 0.0       | 1.0 0.145 0.0     | 52.4 55.0 44.3 70.6 38      |       | 1.0 0.2 0.0       |              |              |              |
| 44         | 43         | 39         | 1.0 0.216 0.0    | 55.2 48.7 48.0 68.4 44    |       | 1.0 0.197 0.0     | 54.5 50.5 47.1 69.0 43      |       | 1.0 0.217 0.0     | 1.0 0.159 0.0     | 52.9 53.8 45.1 70.2 39      |       | 1.0 0.217 0.0     |              |              |              |
| 45         | 44         | 41         | 1.0 0.233 0.0    | 55.9 47.3 48.7 67.9 45    |       | 1.0 0.21 0.0      | 55.0 49.4 47.7 68.7 44      |       | 1.0 0.233 0.0     | 1.0 0.173 0.0     | 53.5 52.6 45.8 69.8 41      |       | 1.0 0.233 0.0     |              |              |              |
| 47         | 45         | 42         | 1.0 0.25 0.0     | 56.6 45.8 49.4 67.4 47    |       | 1.0 0.222 0.0     | 55.5 48.3 48.3 68.3 45      |       | 1.0 0.25 0.0      | 1.0 0.187 0.0     | 54.1 51.4 46.6 69.4 42      |       | 1.0 0.25 0.0      |              |              |              |
| 48         | 46         | 43         | 1.0 0.266 0.0    | 57.3 44.3 50.5 67.2 48    |       | 1.0 0.235 0.0     | 56.0 47.2 48.8 67.9 46      |       | 1.0 0.267 0.0     | 1.0 0.201 0.0     | 54.6 50.2 47.3 68.9 43      |       | 1.0 0.267 0.0     |              |              |              |
| 50         | 47         | 44         | 1.0 0.283 0.0    | 58.1 42.8 51.5 67.0 50    |       | 1.0 0.247 0.0     | 56.5 46.1 49.4 67.5 47      |       | 1.0 0.283 0.0     | 1.0 0.215 0.0     | 55.2 48.9 47.9 68.5 44      |       | 1.0 0.283 0.0     |              |              |              |
| 51         | 48         | 45         | 1.0 0.3 0.0      | 58.9 41.4 52.5 66.9 51    |       | 1.0 0.259 0.0     | 57.0 45.1 50.1 67.4 48      |       | 1.0 0.3 0.0       | 1.0 0.229 0.0     | 55.8 47.7 48.6 68.1 45      |       | 1.0 0.3 0.0       |              |              |              |
| 53         | 49         | 46         | 1.0 0.316 0.0    | 59.6 39.8 53.5 66.7 53    |       | 1.0 0.27 0.0      | 57.5 44.1 50.7 67.2 49      |       | 1.0 0.317 0.0     | 1.0 0.243 0.0     | 56.3 46.5 49.2 67.7 46      |       | 1.0 0.317 0.0     |              |              |              |
| 54         | 50         | 47         | 1.0 0.333 0.0    | 60.4 38.3 54.3 66.5 54    |       | 1.0 0.281 0.0     | 58.0 43.1 51.4 67.1 50      |       | 1.0 0.333 0.0     | 1.0 0.256 0.0     | 56.9 45.3 49.9 67.4 47      |       | 1.0 0.333 0.0     |              |              |              |
| 56         | 51         | 48         | 1.0 0.35 0.0     | 61.2 36.7 55.2 66.3 56    |       | 1.0 0.292 0.0     | 58.5 42.2 52.1 67.0 51      |       | 1.0 0.35 0.0      | 1.0 0.268 0.0     | 57.5 44.2 50.7 67.2 48      |       | 1.0 0.35 0.0      |              |              |              |
| 57         | 52         | 49         | 1.0 0.366 0.0    | 62.0 35.2 56.0 66.2 57    |       | 1.0 0.302 0.0     | 59.0 41.2 52.7 66.9 52      |       | 1.0 0.367 0.0     | 1.0 0.28 0.0      | 58.0 43.2 51.4 67.1 49      |       | 1.0 0.367 0.0     |              |              |              |
| 59         | 53         | 51         | 1.0 0.383 0.0    | 62.7 33.7 56.9 66.2 59    |       | 1.0 0.313 0.0     | 59.6 40.2 53.3 66.8 53      |       | 1.0 0.383 0.0     | 1.0 0.293 0.0     | 58.6 42.1 52.1 67.0 51      |       | 1.0 0.383 0.0     |              |              |              |
| 60         | 54         | 52         | 1.0 0.4 0.0      | 63.5 32.4 57.9 66.3 60    |       | 1.0 0.324 0.0     | 60.1 39.2 53.9 66.7 54      |       | 1.0 0.4 0.0       | 1.0 0.305 0.0     | 59.2 41.0 52.8 66.9 52      |       | 1.0 0.4 0.0       |              |              |              |
| 62         | 55         | 53         | 1.0 0.416 0.0    | 64.2 31.1 58.8 66.5 62    |       | 1.0 0.335 0.0     | 60.6 38.2 54.5 66.5 55      |       | 1.0 0.417 0.0     | 1.0 0.317 0.0     | 59.7 39.9 53.5 66.7 53      |       | 1.0 0.417 0.0     |              |              |              |
| 63         | 56         | 54         | 1.0 0.433 0.0    | 65.0 29.7 59.7 66.7 63    |       | 1.0 0.346 0.0     | 61.1 37.1 55.1 66.4 56      |       | 1.0 0.433 0.0     | 1.0 0.329 0.0     | 60.3 38.7 54.2 66.6 54      |       | 1.0 0.433 0.0     |              |              |              |
| 64         | 57         | 55         | 1.0 0.45 0.0     | 65.8 28.3 60.6 66.9 64    |       | 1.0 0.357 0.0     | 61.6 36.1 55.6 66.3 57      |       | 1.0 0.45 0.0      | 1.0 0.341 0.0     | 60.8 37.6 54.8 66.5 55      |       | 1.0 0.45 0.0      |              |              |              |
| 66         | 58         | 56         | 1.0 0.466 0.0    | 66.5 26.9 61.4 67.0 66    |       | 1.0 0.368 0.0     | 62.1 35.1 56.1 66.2 58      |       | 1.0 0.467 0.0     | 1.0 0.354 0.0     | 61.4 36.5 55.4 66.3 56      |       | 1.0 0.467 0.0     |              |              |              |
| 67         | 59         | 57         | 1.0 0.483 0.0    | 67.3 25.4 62.2 67.2 67    |       | 1.0 0.379 0.0     | 62.6 34.1 56.7 66.2 59      |       | 1.0 0.483 0.0     | 1.0 0.366 0.0     | 62.0 35.3 56.0 66.2 57      |       | 1.0 0.483 0.0     |              |              |              |
| 69         | 60         | 58         | 1.0 0.5 0.0      | 68.1 24.0 63.0 67.4 69    |       | 1.0 0.391 0.0     | 63.1 33.1 57.4 66.3 60      |       | 1.0 0.5 0.0       | 1.0 0.378 0.0     | 62.5 34.2 56.6 66.1 58      |       | 1.0 0.5 0.0       |              |              |              |
| 70         | 61         | 60         | 1.0 0.516 0.0    | 69.0 22.5 64.2 68.1 70    |       | 1.0 0.403 0.0     | 63.7 32.2 58.1 66.4 61      |       | 1.0 0.517 0.0     | 1.0 0.391 0.0     | 63.1 33.1 57.4 66.3 60      |       | 1.0 0.517 0.0     |              |              |              |
| 72         | 62         | 61         | 1.0 0.533 0.0    | 69.9 21.1 65.5 68.8 72    |       | 1.0 0.415 0.0     | 64.2 31.2 58.8 66.5 62      |       | 1.0 0.533 0.0     | 1.0 0.405 0.0     | 63.8 32.1 58.2 66.4 61      |       | 1.0 0.533 0.0     |              |              |              |
| 73         | 63         | 62         | 1.0 0.55 0.0     | 70.8 19.6 66.6 69.5 73    |       | 1.0 0.427 0.0     | 64.8 30.3 59.4 66.7 63      |       | 1.0 0.55 0.0      | 1.0 0.418 0.0     | 64.4 31.0 58.9 66.6 62      |       | 1.0 0.55 0.0      |              |              |              |
| 75         | 64         | 63         | 1.0 0.566 0.0    | 71.7 18.0 67.8 70.1 75    |       | 1.0 0.439 0.0     | 65.3 29.3 60.0 66.8 64      |       | 1.0 0.567 0.0     | 1.0 0.431 0.0     | 65.0 29.9 59.6 66.7 63      |       | 1.0 0.567 0.0     |              |              |              |
| 76         | 65         | 64         | 1.0 0.583 0.0    | 72.6 16.4 68.9 70.8 76    |       | 1.0 0.451 0.0     | 65.9 28.3 60.7 66.9 65      |       | 1.0 0.583 0.0     | 1.0 0.444 0.0     | 65.6 28.8 60.3 66.9 64      |       | 1.0 0.583 0.0     |              |              |              |
| 78         | 66         | 65         | 1.0 0.6 0.0      | 73.6 14.7 70.0 71.5 78    |       | 1.0 0.463 0.0     | 66.4 27.3 61.3 67.1 66      |       | 1.0 0.6 0.0       | 1.0 0.458 0.0     | 66.2 27.7 61.0 67.0 65      |       | 1.0 0.6 0.0       |              |              |              |
| 79         | 67         | 66         | 1.0 0.616 0.0    | 74.5 13.0 71.0 72.2 79    |       | 1.0 0.475 0.0     | 66.9 26.3 61.8 67.2 67      |       | 1.0 0.617 0.0     | 1.0 0.471 0.0     | 66.8 26.6 61.7 67.1 66      |       | 1.0 0.617 0.0     |              |              |              |
| 80         | 68         | 67         | 1.0 0.633 0.0    | 75.3 11.6 72.0 72.9 80    |       | 1.0 0.486 0.0     | 67.5 25.2 62.4 67.3 68      |       | 1.0 0.633 0.0     | 1.0 0.484 0.0     | 67.4 25.4 62.3 67.3 67      |       | 1.0 0.633 0.0     |              |              |              |
| 81         | 69         | 68         | 1.0 0.65 0.0     | 76.0 10.5 72.9 73.6 81    |       | 1.0 0.498 0.0     | 68.0 24.2 63.0 67.4 69      |       | 1.0 0.65 0.0      | 1.0 0.497 0.0     | 68.0 24.3 62.9 67.4 68      |       | 1.0 0.65 0.0      |              |              |              |
| 82         | 70         | 70         | 1.0 0.666 0.0    | 76.8 9.4 73.8 74.4 82     |       | 1.0 0.51 0.0      | 68.6 23.2 63.8 67.8 70      |       | 1.0 0.667 0.0     | 1.0 0.51 0.0      | 68.6 23.2 63.8 67.9 70      |       | 1.0 0.667 0.0     |              |              |              |
| 83         | 71         | 71         | 1.0 0.683 0.0    | 77.5 8.3 74.7 75.1 83     |       | 1.0 0.521 0.0     | 69.2 22.2 64.6 68.3 71      |       | 1.0 0.683 0.0     | 1.0 0.522 0.0     | 69.3 22.1 64.7 68.4 71      |       | 1.0 0.683 0.0     |              |              |              |
| 84         | 72         | 72         | 1.0 0.7 0.0      | 78.3 7.1 75.5 75.9 84     |       | 1.0 0.532 0.0     | 69.9 21.3 65.4 68.8 72      |       | 1.0 0.7 0.0       | 1.0 0.535 0.0     | 70.0 21.0 65.6 68.9 72      |       | 1.0 0.7 0.0       |              |              |              |
| 85         | 73         | 73         | 1.0 0.716 0.0    | 79.0 5.9 76.4 76.6 85     |       | 1.0 0.543 0.0     | 70.5 20.2 66.2 69.2 73      |       | 1.0 0.717 0.0     | 1.0 0.547 0.0     | 70.7 19.9 66.5 69.4 73      |       | 1.0 0.717 0.0     |              |              |              |
| 86         | 74         | 74         | 1.0 0.733 0.0    | 79.8 4.7 77.2 77.3 86     |       | 1.0 0.554 0.0     | 71.1 19.2 67.0 69.7 74      |       | 1.0 0.733 0.0     | 1.0 0.56 0.0      | 71.4 18.7 67.4 69.9 74      |       | 1.0 0.733 0.0     |              |              |              |
| 87         | 75         | 75         | 1.0 0.75 0.0     | 80.5 3.4 78.0 78.1 87     |       | 1.0 0.565 0.0     | 71.7 18.2 67.8 70.1 75      |       | 1.0 0.75 0.0      | 1.0 0.572 0.0     | 72.1 17.5 68.2 70.4 75      |       | 1.0 0.75 0.0      |              |              |              |

4-113930-L0 SI150-73 LAB\*la0, YN=0%, XYZnw=2.5, 2.6, 2.7, 86.0, 90.9, 95.9, LAB\*nw=18.5, 0.0, 0.0, 96.4, 0.0, 0.0

uscita: Offset standard print; separation cmyn6\*, D65, pagina 10/33

grafico TUB-SI15; 1080 colori, carta standard offset  
cerchio delle tinte a 48 passi;  $rgb-LabCh^*_{tavole}$ , 3D=1, de=1,  $cmyn6^*_{3D}$

immettere:  $rgb/cmyk \rightarrow rgb_{de}$   
3D-linearizzazzone a  $cmyk^*_{de}$

TUB iscrizione: 20130201-SI15/SI15L0FP.PDF /PS  
la domanda per la misura uscita nella stampa di offset, separazionecmyn6\* (CMYK)  
TUB materiale: code=rha4ta

Data of Maximum color M in colorimetric system Offset standard print; separation cmyn6\*, D65 for input or output; Six hue angles of the 60 degree standard colours  $RYGCBM_c$ :  $h_{ab,ds} = 30.0, 90.0, 150.0, 210.0, 270.0, 330.0$ ;

Six hue angles of the device colours  $RYGCBM_d$ :  $h_{ab,d} = 30.4, 96.1, 161.6, 234.7, 295.7, 353.2$ ; Six hue angles of the elementary colours  $RYGCBM_c$ :  $h_{ab,e} = 25.5, 92.3, 162.2, 217.0, 271.7, 328.6$

| $h_{ab,d}$ | $h_{ab,s}$ | $h_{ab,e}$ | $rgb^*_{dd361M}$ |       |     | $LAB^*_{d361Mi} (x=LabCh)$ |       |      |      |     | $rgb^*_{ds361Mi}$ |       |       | $LAB^*_{ds361Mi} (x=LabCh)$ |      |       |      |      | $rgb^*_{dd361Mi}$ |       |       | $rgb^*_{de361Mi}$ |       |       | $LAB^*_{dex361Mi} (x=LabCh)$ |      |      |       |      | $rgb^*_{dd361Mi}$ |       |       | $rgb^*_{dd361Mi}$ | $rgb^*_{ds361Mi}$ | $rgb^*_{de361Mi}$ |  |  |  |
|------------|------------|------------|------------------|-------|-----|----------------------------|-------|------|------|-----|-------------------|-------|-------|-----------------------------|------|-------|------|------|-------------------|-------|-------|-------------------|-------|-------|------------------------------|------|------|-------|------|-------------------|-------|-------|-------------------|-------------------|-------------------|--|--|--|
| 87         | 75         | 75         | 1.0              | 0.75  | 0.0 | 80.5                       | 3.4   | 78.0 | 78.1 | 87  | 1.0               | 0.565 | 0.0   | 71.7                        | 18.2 | 67.8  | 70.1 | 75   | 1.0               | 0.75  | 0.0   | 1.0               | 0.572 | 0.0   | 72.1                         | 17.5 | 68.2 | 70.4  | 75   | 1.0               | 0.75  | 0.0   |                   |                   |                   |  |  |  |
| 88         | 76         | 76         | 1.0              | 0.766 | 0.0 | 81.2                       | 2.5   | 78.8 | 78.9 | 88  | 1.0               | 0.577 | 0.0   | 72.3                        | 17.1 | 68.5  | 70.6 | 76   | 1.0               | 0.767 | 0.0   | 1.0               | 0.585 | 0.0   | 72.8                         | 16.3 | 69.0 | 70.9  | 76   | 1.0               | 0.767 | 0.0   |                   |                   |                   |  |  |  |
| 88         | 77         | 77         | 1.0              | 0.783 | 0.0 | 81.8                       | 1.6   | 79.7 | 79.7 | 88  | 1.0               | 0.588 | 0.0   | 72.9                        | 16.0 | 69.2  | 71.1 | 77   | 1.0               | 0.783 | 0.0   | 1.0               | 0.597 | 0.0   | 73.5                         | 15.1 | 69.8 | 71.4  | 77   | 1.0               | 0.783 | 0.0   |                   |                   |                   |  |  |  |
| 89         | 78         | 78         | 1.0              | 0.8   | 0.0 | 82.4                       | 0.6   | 80.5 | 80.5 | 89  | 1.0               | 0.599 | 0.0   | 73.6                        | 14.9 | 70.0  | 71.5 | 78   | 1.0               | 0.8   | 0.0   | 1.0               | 0.61  | 0.0   | 74.1                         | 13.8 | 70.6 | 72.0  | 78   | 1.0               | 0.8   | 0.0   |                   |                   |                   |  |  |  |
| 90         | 79         | 80         | 1.0              | 0.816 | 0.0 | 83.1                       | -0.2  | 81.3 | 81.3 | 90  | 1.0               | 0.61  | 0.0   | 74.2                        | 13.7 | 70.7  | 72.0 | 79   | 1.0               | 0.817 | 0.0   | 1.0               | 0.622 | 0.0   | 74.8                         | 12.5 | 71.4 | 72.5  | 80   | 1.0               | 0.817 | 0.0   |                   |                   |                   |  |  |  |
| 90         | 80         | 81         | 1.0              | 0.833 | 0.0 | 83.7                       | -1.2  | 82.0 | 82.1 | 90  | 1.0               | 0.621 | 0.0   | 74.8                        | 12.6 | 71.3  | 72.4 | 80   | 1.0               | 0.833 | 0.0   | 1.0               | 0.64  | 0.0   | 75.6                         | 11.2 | 72.4 | 73.2  | 81   | 1.0               | 0.833 | 0.0   |                   |                   |                   |  |  |  |
| 91         | 81         | 82         | 1.0              | 0.85  | 0.0 | 84.4                       | -2.2  | 82.8 | 82.8 | 91  | 1.0               | 0.637 | 0.0   | 75.5                        | 11.4 | 72.2  | 73.1 | 81   | 1.0               | 0.85  | 0.0   | 1.0               | 0.659 | 0.0   | 76.5                         | 9.9  | 73.4 | 74.1  | 82   | 1.0               | 0.85  | 0.0   |                   |                   |                   |  |  |  |
| 92         | 82         | 83         | 1.0              | 0.866 | 0.0 | 85.0                       | -3.2  | 83.6 | 83.6 | 92  | 1.0               | 0.654 | 0.0   | 76.3                        | 10.3 | 73.2  | 73.9 | 82   | 1.0               | 0.867 | 0.0   | 1.0               | 0.679 | 0.0   | 77.4                         | 8.6  | 74.5 | 75.0  | 83   | 1.0               | 0.867 | 0.0   |                   |                   |                   |  |  |  |
| 92         | 83         | 84         | 1.0              | 0.883 | 0.0 | 85.6                       | -4.1  | 84.3 | 84.4 | 92  | 1.0               | 0.672 | 0.0   | 77.1                        | 9.1  | 74.1  | 74.7 | 83   | 1.0               | 0.883 | 0.0   | 1.0               | 0.698 | 0.0   | 78.3                         | 7.2  | 75.5 | 75.8  | 84   | 1.0               | 0.883 | 0.0   |                   |                   |                   |  |  |  |
| 93         | 84         | 85         | 1.0              | 0.9   | 0.0 | 86.2                       | -4.8  | 85.0 | 85.1 | 93  | 1.0               | 0.689 | 0.0   | 77.9                        | 7.9  | 75.0  | 75.4 | 84   | 1.0               | 0.9   | 0.0   | 1.0               | 0.718 | 0.0   | 79.1                         | 5.8  | 76.5 | 76.7  | 85   | 1.0               | 0.9   | 0.0   |                   |                   |                   |  |  |  |
| 93         | 85         | 86         | 1.0              | 0.916 | 0.0 | 86.7                       | -5.6  | 85.7 | 85.9 | 93  | 1.0               | 0.707 | 0.0   | 78.6                        | 6.6  | 75.9  | 76.2 | 85   | 1.0               | 0.917 | 0.0   | 1.0               | 0.738 | 0.0   | 80.0                         | 4.4  | 77.5 | 77.6  | 86   | 1.0               | 0.917 | 0.0   |                   |                   |                   |  |  |  |
| 94         | 86         | 87         | 1.0              | 0.933 | 0.0 | 87.2                       | -6.3  | 86.4 | 86.6 | 94  | 1.0               | 0.725 | 0.0   | 79.4                        | 5.4  | 76.8  | 77.0 | 86   | 1.0               | 0.933 | 0.0   | 1.0               | 0.76  | 0.0   | 80.9                         | 2.9  | 78.5 | 78.6  | 87   | 1.0               | 0.933 | 0.0   |                   |                   |                   |  |  |  |
| 94         | 87         | 88         | 1.0              | 0.95  | 0.0 | 87.8                       | -7.1  | 87.1 | 87.3 | 94  | 1.0               | 0.742 | 0.0   | 80.2                        | 4.1  | 77.7  | 77.8 | 87   | 1.0               | 0.95  | 0.0   | 1.0               | 0.787 | 0.0   | 82.0                         | 1.4  | 79.9 | 79.9  | 88   | 1.0               | 0.95  | 0.0   |                   |                   |                   |  |  |  |
| 95         | 88         | 90         | 1.0              | 0.966 | 0.0 | 88.3                       | -7.9  | 87.7 | 88.1 | 95  | 1.0               | 0.763 | 0.0   | 81.1                        | 2.7  | 78.7  | 78.8 | 88   | 1.0               | 0.967 | 0.0   | 1.0               | 0.814 | 0.0   | 83.0                         | 0.0  | 81.2 | 81.2  | 90   | 1.0               | 0.967 | 0.0   |                   |                   |                   |  |  |  |
| 95         | 89         | 91         | 1.0              | 0.983 | 0.0 | 88.8                       | -8.7  | 88.4 | 88.8 | 95  | 1.0               | 0.788 | 0.0   | 82.0                        | 1.4  | 79.9  | 79.9 | 89   | 1.0               | 0.983 | 0.0   | 1.0               | 0.841 | 0.0   | 84.1                         | -1.6 | 82.5 | 82.5  | 91   | 1.0               | 0.983 | 0.0   |                   |                   |                   |  |  |  |
| 96         | 90         | 92         | 1.0              | 1.0   | 0.0 | 89.4                       | -9.5  | 89.0 | 89.6 | 96  | $Y_d$             | 1.0   | 0.812 | 0.0                         | 83.0 | 0.0   | 81.1 | 81.1 | 90                | $Y_s$ | 1.0   | 1.0               | 0.0   | 1.0   | 0.868                        | 0.0  | 85.2 | -3.3  | 83.7 | 83.8              | 92    | $Y_e$ | 1.0               | 1.0               | 0.0               |  |  |  |
| 96         | 91         | 93         | 0.983            | 1.0   | 0.0 | 89.0                       | -10.1 | 88.2 | 88.8 | 96  |                   | 1.0   | 0.836 | 0.0                         | 83.9 | -1.3  | 82.2 | 82.2 | 91                |       | 0.983 | 1.0               | 0.0   | 1.0   | 0.907                        | 0.0  | 86.4 | -5.1  | 85.3 | 85.5              | 93    | 0.983 | 1.0               | 0.0               |                   |  |  |  |
| 97         | 92         | 94         | 0.966            | 1.0   | 0.0 | 88.6                       | -10.7 | 87.4 | 88.0 | 97  |                   | 1.0   | 0.861 | 0.0                         | 84.9 | -2.8  | 83.4 | 83.4 | 92                |       | 0.967 | 1.0               | 0.0   | 1.0   | 0.948                        | 0.0  | 87.8 | -7.0  | 87.0 | 87.3              | 94    | 0.967 | 1.0               | 0.0               |                   |  |  |  |
| 97         | 93         | 95         | 0.95             | 1.0   | 0.0 | 88.3                       | -11.3 | 86.5 | 87.3 | 97  |                   | 1.0   | 0.89  | 0.0                         | 85.9 | -4.3  | 84.6 | 84.7 | 93                |       | 0.95  | 1.0               | 0.0   | 1.0   | 0.99                         | 0.0  | 89.1 | -8.9  | 88.7 | 89.2              | 95    | 0.95  | 1.0               | 0.0               |                   |  |  |  |
| 97         | 94         | 96         | 0.933            | 1.0   | 0.0 | 87.9                       | -11.9 | 85.7 | 86.5 | 97  |                   | 1.0   | 0.925 | 0.0                         | 87.0 | -5.9  | 86.1 | 86.3 | 94                |       | 0.933 | 1.0               | 0.0   | 0.968 | 1.0                          | 0.0  | 88.7 | -10.6 | 87.5 | 88.1              | 96    | 0.933 | 1.0               | 0.0               |                   |  |  |  |
| 98         | 95         | 98         | 0.916            | 1.0   | 0.0 | 87.6                       | -12.5 | 84.8 | 85.7 | 98  |                   | 1.0   | 0.961 | 0.0                         | 88.2 | -7.6  | 87.6 | 87.9 | 95                |       | 0.917 | 1.0               | 0.0   | 0.926 | 1.0                          | 0.0  | 87.8 | -12.1 | 85.3 | 86.2              | 98    | 0.917 | 1.0               | 0.0               |                   |  |  |  |
| 98         | 96         | 99         | 0.9              | 1.0   | 0.0 | 87.2                       | -13.0 | 84.0 | 85.0 | 98  |                   | 1.0   | 0.997 | 0.0                         | 89.3 | -9.3  | 89.0 | 89.5 | 96                |       | 0.9   | 1.0               | 0.0   | 0.884 | 1.0                          | 0.0  | 86.9 | -13.5 | 83.2 | 84.3              | 99    | 0.9   | 1.0               | 0.0               |                   |  |  |  |
| 99         | 97         | 100        | 0.883            | 1.0   | 0.0 | 86.9                       | -13.6 | 83.1 | 84.2 | 99  |                   | 0.967 | 1.0   | 0.0                         | 88.7 | -10.6 | 87.4 | 88.1 | 97                |       | 0.883 | 1.0               | 0.0   | 0.842 | 1.0                          | 0.0  | 85.9 | -14.9 | 81.3 | 82.6              | 100   | 0.883 | 1.0               | 0.0               |                   |  |  |  |
| 99         | 98         | 101        | 0.866            | 1.0   | 0.0 | 86.5                       | -14.2 | 82.3 | 83.5 | 99  |                   | 0.931 | 1.0   | 0.0                         | 87.9 | -11.9 | 85.6 | 86.4 | 98                |       | 0.867 | 1.0               | 0.0   | 0.799 | 1.0                          | 0.0  | 84.9 | -16.2 | 79.4 | 81.0              | 101   | 0.867 | 1.0               | 0.0               |                   |  |  |  |
| 100        | 99         | 102        | 0.85             | 1.0   | 0.0 | 86.1                       | -14.7 | 81.6 | 82.9 | 100 |                   | 0.895 | 1.0   | 0.0                         | 87.2 | -13.2 | 83.7 | 84.8 | 99                |       | 0.85  | 1.0               | 0.0   | 0.757 | 1.0                          | 0.0  | 83.9 | -17.5 | 77.5 | 79.5              | 102   | 0.85  | 1.0               | 0.0               |                   |  |  |  |
| 100        | 100        | 103        | 0.833            | 1.0   | 0.0 | 85.7                       | -15.2 | 80.8 | 82.3 | 100 |                   | 0.859 | 1.0   | 0.0                         | 86.3 | -14.4 | 82.0 | 83.3 | 100               |       | 0.833 | 1.0               | 0.0   | 0.725 | 1.0                          | 0.0  | 82.6 | -18.8 | 76.1 | 78.4              | 103   | 0.833 | 1.0               | 0.0               |                   |  |  |  |
| 101        | 101        | 105        | 0.816            | 1.0   | 0.0 | 85.3                       | -15.8 | 80.1 | 81.6 | 101 |                   | 0.822 | 1.0   | 0.0                         | 85.5 | -15.5 | 80.4 | 81.9 | 101               |       | 0.817 | 1.0               | 0.0   | 0.696 | 1.0                          | 0.0  | 81.3 | -20.1 | 74.7 | 77.4              | 105   | 0.817 | 1.0               | 0.0               |                   |  |  |  |
| 101        | 102        | 106        | 0.8              | 1.0   | 0.0 | 84.9                       | -16.3 | 79.4 | 81.0 | 101 |                   | 0.786 | 1.0   | 0.0                         | 84.6 | -16.6 | 78.8 | 80.5 | 102               |       | 0.8   | 1.0               | 0.0   | 0.667 | 1.0                          | 0.0  | 79.9 | -21.3 | 73.4 | 76.4              | 106   | 0.8   | 1.0               | 0.0               |                   |  |  |  |
| 102        | 103        | 107        | 0.783            | 1.0   | 0.0 | 84.5                       | -16.8 | 78.6 | 80.4 | 102 |                   | 0.75  | 1.0   | 0.0                         | 83.7 | -17.7 | 77.2 | 79.2 | 103               |       | 0.783 | 1.0               | 0.0   | 0.638 | 1.0                          | 0.0  | 78.6 | -22.5 | 72.0 | 75.5              | 107   | 0.783 | 1.0               | 0.0               |                   |  |  |  |
| 102        | 104        | 108        | 0.766            | 1.0   | 0.0 | 84.1                       | -17.3 | 77.9 | 79.8 | 102 |                   | 0.725 | 1.0   | 0.0                         | 82.5 | -18.9 | 76.0 | 78.4 | 104               |       | 0.767 | 1.0               | 0.0   | 0.616 | 1.0                          | 0.0  | 77.6 | -23.7 | 70.6 | 74.5              | 108   | 0.767 | 1.0               | 0.0               |                   |  |  |  |
| 102        | 105        | 109        | 0.75             | 1.0   | 0.0 | 83.7                       | -17.7 | 77.1 | 79.2 | 102 |                   | 0.7   | 1.0   | 0.0                         | 81.4 | -20.0 | 74.9 | 77.5 | 105               |       | 0.75  | 1.0               | 0.0   | 0.598 | 1.0                          | 0.0  | 77.0 | -24.8 | 69.2 | 73.5              | 109   | 0.75  | 1.0               | 0.0               |                   |  |  |  |
| 103        | 106        | 110        | 0.733            | 1.0   | 0.0 | 82.9                       | -18.5 | 76.4 | 78.6 | 103 |                   | 0.675 | 1.0   | 0.0                         | 80.3 | -21.0 | 73.7 | 76.7 | 106               |       | 0.733 | 1.0               | 0.0   | 0.581 | 1.0                          | 0.0  | 76.3 | -25.8 | 67.7 | 72.5              | 110   | 0.733 | 1.0               | 0.0               |                   |  |  |  |
| 104        | 107        | 112        | 0.716            | 1.0   | 0.0 | 82.1                       | -19.3 | 75.6 | 78.0 | 104 |                   | 0.65  | 1.0   | 0.0                         | 79.1 | -22.1 | 72.5 | 75.9 | 107               |       | 0.717 | 1.0               | 0.0   | 0.564 | 1.0                          | 0.0  | 75.6 | -26.8 | 66.3 | 71.5              | 112   | 0.717 | 1.0               | 0.0               |                   |  |  |  |
| 104        | 108        | 113        | 0.7              | 1.0   | 0.0 | 81.4                       | -20.0 | 74.8 | 77.5 | 104 |                   | 0.625 | 1.0   | 0.0                         | 78.0 | -23.1 | 71.3 | 75.0 | 108               |       | 0.7   | 1.0               | 0.0   | 0.546 | 1.0                          | 0.0  | 75.0 | -27.8 | 64.8 | 70.6              | 113   | 0.7   | 1.0               | 0.0               |                   |  |  |  |
| 105        | 109        | 114        | 0.683            | 1.0   | 0.0 | 80.6                       | -20.7 | 74.1 | 76.9 | 105 |                   | 0.61  | 1.0   | 0.0                         | 77.4 | -24.0 | 70.1 | 74.2 | 109               |       | 0.683 | 1.0               | 0.0   | 0.529 | 1.0                          | 0.0  | 74.3 | -28.7 | 63.3 | 69.6              | 114   | 0.683 | 1.0               | 0.0               |                   |  |  |  |
| 106        | 110        | 115        | 0.666            | 1.0   | 0.0 | 79.8                       | -21.4 | 73.3 | 76.4 | 106 |                   | 0.595 | 1.0   | 0.0                         | 76.8 | -25.0 | 68.9 | 73.3 | 110               |       | 0.667 | 1.0               | 0.0   | 0.512 | 1.0                          | 0.0  | 73.6 | -29.6 | 61.8 | 68.6              | 115   | 0.667 | 1.0               | 0.0               |                   |  |  |  |
| 106        | 111        | 116        | 0.65             | 1.0   | 0.0 | 79.1                       | -22.1 | 72.5 | 75.8 | 106 |                   | 0.58  | 1.0   | 0.0                         | 76.3 | -25.9 | 67.7 | 72.5 | 111               |       | 0.65  | 1.0               | 0.0   | 0.494 | 1.0                          | 0.0  | 73.0 | -30.4 | 60.5 | 67.8              | 116   | 0.65  | 1.0               | 0.0               |                   |  |  |  |
| 107        | 112        | 117        | 0.633            | 1.0   | 0.0 | 78.3                       | -22.8 | 71.7 | 75.2 | 107 |                   | 0.566 | 1.0   | 0.0                         | 75.7 | -26.7 | 66.4 | 71.6 | 112               |       | 0.633 | 1.0               | 0.0   | 0.477 | 1.0                          | 0.0  | 72.4 | -31.4 | 59.4 | 67.3              | 117   | 0.633 | 1.0               | 0.0               |                   |  |  |  |
| 108        | 113        | 119        | 0.616            | 1.0   | 0.0 | 77.6                       | -23.7 | 70.6 | 74.5 | 108 |                   | 0.551 | 1.0   | 0.0                         | 75.1 | -27.6 | 65.2 | 70.8 | 113               |       | 0.617 | 1.0               | 0.0   | 0.459 | 1.0                          | 0.0  | 71.8 | -32.4 | 58.3 | 66.8              | 119   | 0.617 | 1.0               | 0.0               |                   |  |  |  |
| 109        | 114        | 120        | 0.6              | 1.0   | 0.0 | 77.0                       | -24.7 | 69.2 | 73.5 | 109 |                   | 0.536 | 1.0   | 0.0                         | 74.6 | -28.6 | 63.9 | 70.0 | 114               |       | 0.6   | 1.0               | 0.0   | 0.441 | 1.0                          | 0.0  | 71.1 | -33.3 | 57.2 | 66.3              | 120   | 0.6   | 1.0               | 0.0               |                   |  |  |  |
| 110        | 115        | 121        | 0.583            | 1.0   | 0.0 |                            |       |      |      |     |                   |       |       |                             |      |       |      |      |                   |       |       |                   |       |       |                              |      |      |       |      |                   |       |       |                   |                   |                   |  |  |  |

4-1131030-L0

SI150-73

LAB\*la0, YN=0%, XYZnw=2.5, 2.6, 2.7, 86.0, 90.9, 95.9, LAB\*nmw=18.5, 0.0, 0.0, 96.4, 0.0, 0.0

uscita: Offset standard print; separation cmyn6\*, D65, pagina 11/33

grafico TUB-SI15; 1080 colori, carta standard offset  
cerchio delle tinte a 48 passi;  $rgb-LabCh^*_{tavole}$ , 3D=1, de=1

immettere:  $rgb/cmyk \rightarrow rgb_{de}$   
3D-linearizzazzone a  $cmyk^*_{de}$

TUB iscrizione: 20130201-SI15/SI15L0FP.PDF /.PS  
la domanda per la misura uscita nella stampa di offset, separazionecmyn6\* (CMYK)

TUB materiale: code=rha4ta





Data of Maximum color M in colorimetric system Offset standard print; separation cmyn6\*, 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  $RYGCBM_d$ :  $h_{ab,d} = 30.4, 96.1, 161.6, 234.7, 295.7, 353.2$ ; Six hue angles of the elementary colours  $RYGCBM_e$ :  $h_{ab,e} = 25.5, 92.3, 162.2, 217.0, 271.7, 328.6$

| Six hue angles of the device colours <i>RYGCBM</i> <sub>d</sub> : <i>h</i> <sub>abd</sub> = 30.4, 96.1, 161.6, 234.7, 295.7, 353.2; Six hue angles of the elementary colours <i>RYGCBM</i> <sub>e</sub> : <i>h</i> <sub>abe</sub> = 25.5, 92.3, 162.2, 217.0, 271.7, 328.6 |                         |                         |                                           |                                                       |                                            |                                                       |                                            |                                            |                                                       |                                            |                                       |                                       |                                       |             |      |     |     |     |       |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------|-------------------------|-------------------------------------------|-------------------------------------------------------|--------------------------------------------|-------------------------------------------------------|--------------------------------------------|--------------------------------------------|-------------------------------------------------------|--------------------------------------------|---------------------------------------|---------------------------------------|---------------------------------------|-------------|------|-----|-----|-----|-------|
| <i>h</i> <sub>abd</sub>                                                                                                                                                                                                                                                    | <i>h</i> <sub>abs</sub> | <i>h</i> <sub>abe</sub> | <i>rgb</i> <sup>*</sup> <sub>dd361M</sub> | <i>LAB</i> <sup>*</sup> <sub>dsx361Mi</sub> (x=LabCh) | <i>rgb</i> <sup>*</sup> <sub>ds361Mi</sub> | <i>LAB</i> <sup>*</sup> <sub>dsx361Mi</sub> (x=LabCh) | <i>rgb</i> <sup>*</sup> <sub>dd361Mi</sub> | <i>rgb</i> <sup>*</sup> <sub>de361Mi</sub> | <i>LAB</i> <sup>*</sup> <sub>dex361Mi</sub> (x=LabCh) | <i>rgb</i> <sup>*</sup> <sub>dd361Mi</sub> | <i>rgb</i> <sup>*</sup> <sub>dd</sub> | <i>rgb</i> <sup>*</sup> <sub>ds</sub> | <i>rgb</i> <sup>*</sup> <sub>de</sub> |             |      |     |     |     |       |
| 176                                                                                                                                                                                                                                                                        | 165                     | 175                     | 0.0                                       | 1.0                                                   | 0.25                                       | 53.0                                                  | -61.8 18.2                                 | 70.3                                       | 165                                                   | 0.0                                        | 1.0                                   | 0.25                                  | 53.0                                  | -62.0 4.4   | 62.2 | 175 | 0.0 | 1.0 | 0.25  |
| 177                                                                                                                                                                                                                                                                        | 166                     | 176                     | 0.0                                       | 1.0                                                   | 0.266                                      | 53.1                                                  | -61.2 16.8                                 | 69.5                                       | 166                                                   | 0.0                                        | 1.0                                   | 0.267                                 | 53.1                                  | -61.5 3.4   | 61.7 | 176 | 0.0 | 1.0 | 0.267 |
| 179                                                                                                                                                                                                                                                                        | 167                     | 177                     | 0.0                                       | 1.0                                                   | 0.283                                      | 53.2                                                  | -60.6 15.4                                 | 68.6                                       | 167                                                   | 0.0                                        | 1.0                                   | 0.283                                 | 53.2                                  | -61.2 2.4   | 61.3 | 177 | 0.0 | 1.0 | 0.283 |
| 180                                                                                                                                                                                                                                                                        | 168                     | 178                     | 0.0                                       | 1.0                                                   | 0.3                                        | 53.3                                                  | -59.9 -0.5                                 | 67.8                                       | 168                                                   | 0.0                                        | 1.0                                   | 0.3                                   | 53.3                                  | -60.8 1.4   | 60.9 | 178 | 0.0 | 1.0 | 0.3   |
| 181                                                                                                                                                                                                                                                                        | 169                     | 179                     | 0.0                                       | 1.0                                                   | 0.316                                      | 53.4                                                  | -59.2 -2.0                                 | 67.1                                       | 169                                                   | 0.0                                        | 1.0                                   | 0.317                                 | 53.4                                  | -60.3 0.5   | 60.4 | 179 | 0.0 | 1.0 | 0.317 |
| 183                                                                                                                                                                                                                                                                        | 170                     | 180                     | 0.0                                       | 1.0                                                   | 0.333                                      | 53.5                                                  | -58.5 -3.4                                 | 66.4                                       | 170                                                   | 0.0                                        | 1.0                                   | 0.333                                 | 53.5                                  | -59.9 -0.4  | 60.0 | 180 | 0.0 | 1.0 | 0.333 |
| 184                                                                                                                                                                                                                                                                        | 171                     | 181                     | 0.0                                       | 1.0                                                   | 0.35                                       | 53.7                                                  | -57.7 -4.8                                 | 65.7                                       | 171                                                   | 0.0                                        | 1.0                                   | 0.35                                  | 53.7                                  | -59.5 -1.3  | 59.6 | 181 | 0.0 | 1.0 | 0.35  |
| 186                                                                                                                                                                                                                                                                        | 172                     | 182                     | 0.0                                       | 1.0                                                   | 0.366                                      | 53.8                                                  | -56.9 -6.1                                 | 65.0                                       | 172                                                   | 0.0                                        | 1.0                                   | 0.367                                 | 53.8                                  | -59.0 -2.3  | 59.1 | 182 | 0.0 | 1.0 | 0.367 |
| 187                                                                                                                                                                                                                                                                        | 173                     | 183                     | 0.0                                       | 1.0                                                   | 0.383                                      | 53.9                                                  | -56.2 -7.6                                 | 64.3                                       | 173                                                   | 0.0                                        | 1.0                                   | 0.383                                 | 53.9                                  | -58.5 -3.2  | 58.7 | 183 | 0.0 | 1.0 | 0.383 |
| 189                                                                                                                                                                                                                                                                        | 174                     | 184                     | 0.0                                       | 1.0                                                   | 0.4                                        | 54.0                                                  | -55.5 -9.0                                 | 63.6                                       | 174                                                   | 0.0                                        | 1.0                                   | 0.4                                   | 54.0                                  | -58.0 -4.1  | 58.3 | 184 | 0.0 | 1.0 | 0.4   |
| 190                                                                                                                                                                                                                                                                        | 175                     | 185                     | 0.0                                       | 1.0                                                   | 0.416                                      | 54.1                                                  | -54.8 -10.5                                | 62.9                                       | 175                                                   | 0.0                                        | 1.0                                   | 0.417                                 | 54.1                                  | -57.5 -5.0  | 57.9 | 185 | 0.0 | 1.0 | 0.417 |
| 192                                                                                                                                                                                                                                                                        | 176                     | 185                     | 0.0                                       | 1.0                                                   | 0.433                                      | 54.2                                                  | -54.1 -11.9                                | 62.2                                       | 176                                                   | 0.0                                        | 1.0                                   | 0.433                                 | 54.2                                  | -57.0 -5.9  | 57.4 | 185 | 0.0 | 1.0 | 0.433 |
| 194                                                                                                                                                                                                                                                                        | 177                     | 186                     | 0.0                                       | 1.0                                                   | 0.45                                       | 54.3                                                  | -53.3 -13.3                                | 61.6                                       | 177                                                   | 0.0                                        | 1.0                                   | 0.45                                  | 54.3                                  | -56.5 -6.7  | 57.0 | 186 | 0.0 | 1.0 | 0.45  |
| 195                                                                                                                                                                                                                                                                        | 178                     | 187                     | 0.0                                       | 1.0                                                   | 0.466                                      | 54.4                                                  | -52.5 -14.7                                | 61.2                                       | 178                                                   | 0.0                                        | 1.0                                   | 0.467                                 | 54.4                                  | -56.1 -7.6  | 56.7 | 187 | 0.0 | 1.0 | 0.467 |
| 197                                                                                                                                                                                                                                                                        | 179                     | 188                     | 0.0                                       | 1.0                                                   | 0.483                                      | 54.5                                                  | -51.7 -16.0                                | 60.7                                       | 179                                                   | 0.0                                        | 1.0                                   | 0.483                                 | 54.5                                  | -55.7 -8.4  | 56.5 | 188 | 0.0 | 1.0 | 0.483 |
| 198                                                                                                                                                                                                                                                                        | 180                     | 189                     | 0.0                                       | 1.0                                                   | 0.5                                        | 54.6                                                  | -50.8 -17.3                                | 60.2                                       | 180                                                   | 0.0                                        | 1.0                                   | 0.5                                   | 54.6                                  | -55.4 -9.3  | 56.2 | 189 | 0.0 | 1.0 | 0.5   |
| 200                                                                                                                                                                                                                                                                        | 181                     | 190                     | 0.0                                       | 1.0                                                   | 0.516                                      | 54.7                                                  | -50.2 -18.5                                | 59.8                                       | 181                                                   | 0.0                                        | 1.0                                   | 0.517                                 | 54.7                                  | -55.0 -10.1 | 56.0 | 190 | 0.0 | 1.0 | 0.517 |
| 201                                                                                                                                                                                                                                                                        | 182                     | 191                     | 0.0                                       | 1.0                                                   | 0.533                                      | 54.8                                                  | -49.6 -19.7                                | 59.3                                       | 182                                                   | 0.0                                        | 1.0                                   | 0.533                                 | 54.8                                  | -54.5 -10.9 | 55.7 | 191 | 0.0 | 1.0 | 0.533 |
| 203                                                                                                                                                                                                                                                                        | 183                     | 192                     | 0.0                                       | 1.0                                                   | 0.55                                       | 54.9                                                  | -49.0 -20.9                                | 58.8                                       | 183                                                   | 0.0                                        | 1.0                                   | 0.55                                  | 54.9                                  | -54.1 -11.8 | 55.5 | 192 | 0.0 | 1.0 | 0.55  |
| 204                                                                                                                                                                                                                                                                        | 184                     | 193                     | 0.0                                       | 1.0                                                   | 0.566                                      | 55.0                                                  | -48.3 -22.0                                | 58.3                                       | 184                                                   | 0.0                                        | 1.0                                   | 0.567                                 | 55.0                                  | -53.7 -12.6 | 55.3 | 193 | 0.0 | 1.0 | 0.567 |
| 205                                                                                                                                                                                                                                                                        | 185                     | 194                     | 0.0                                       | 1.0                                                   | 0.583                                      | 55.1                                                  | -47.6 -23.1                                | 57.9                                       | 185                                                   | 0.0                                        | 1.0                                   | 0.583                                 | 55.1                                  | -53.2 -13.4 | 55.0 | 194 | 0.0 | 1.0 | 0.583 |
| 207                                                                                                                                                                                                                                                                        | 186                     | 195                     | 0.0                                       | 1.0                                                   | 0.6                                        | 55.2                                                  | -46.9 -24.3                                | 57.4                                       | 186                                                   | 0.0                                        | 1.0                                   | 0.6                                   | 55.2                                  | -52.8 -14.1 | 54.8 | 195 | 0.0 | 1.0 | 0.6   |
| 208                                                                                                                                                                                                                                                                        | 187                     | 195                     | 0.0                                       | 1.0                                                   | 0.616                                      | 55.3                                                  | -46.2 -25.4                                | 56.9                                       | 187                                                   | 0.0                                        | 1.0                                   | 0.617                                 | 55.3                                  | -52.3 -14.9 | 54.5 | 195 | 0.0 | 1.0 | 0.617 |
| 210                                                                                                                                                                                                                                                                        | 188                     | 196                     | 0.0                                       | 1.0                                                   | 0.633                                      | 55.5                                                  | -45.4 -26.5                                | 56.7                                       | 188                                                   | 0.0                                        | 1.0                                   | 0.633                                 | 55.5                                  | -51.8 -15.7 | 54.3 | 196 | 0.0 | 1.0 | 0.633 |
| 211                                                                                                                                                                                                                                                                        | 189                     | 197                     | 0.0                                       | 1.0                                                   | 0.65                                       | 55.6                                                  | -44.7 -27.5                                | 56.4                                       | 189                                                   | 0.0                                        | 1.0                                   | 0.65                                  | 55.6                                  | -51.3 -16.4 | 54.0 | 197 | 0.0 | 1.0 | 0.65  |
| 213                                                                                                                                                                                                                                                                        | 190                     | 198                     | 0.0                                       | 1.0                                                   | 0.666                                      | 55.8                                                  | -44.0 -28.6                                | 56.1                                       | 190                                                   | 0.0                                        | 1.0                                   | 0.667                                 | 55.8                                  | -50.8 -17.2 | 53.8 | 198 | 0.0 | 1.0 | 0.667 |
| 214                                                                                                                                                                                                                                                                        | 191                     | 199                     | 0.0                                       | 1.0                                                   | 0.683                                      | 56.0                                                  | -43.3 -29.7                                | 55.9                                       | 191                                                   | 0.0                                        | 1.0                                   | 0.683                                 | 56.0                                  | -50.4 -17.9 | 53.7 | 199 | 0.0 | 1.0 | 0.683 |
| 215                                                                                                                                                                                                                                                                        | 192                     | 200                     | 0.0                                       | 1.0                                                   | 0.7                                        | 56.1                                                  | -42.5 -30.7                                | 55.6                                       | 192                                                   | 0.0                                        | 1.0                                   | 0.7                                   | 56.1                                  | -50.1 -18.7 | 53.6 | 200 | 0.0 | 1.0 | 0.7   |
| 217                                                                                                                                                                                                                                                                        | 193                     | 201                     | 0.0                                       | 1.0                                                   | 0.716                                      | 56.3                                                  | -41.7 -31.8                                | 55.3                                       | 193                                                   | 0.0                                        | 1.0                                   | 0.717                                 | 56.3                                  | -49.7 -19.5 | 53.5 | 201 | 0.0 | 1.0 | 0.717 |
| 218                                                                                                                                                                                                                                                                        | 194                     | 202                     | 0.0                                       | 1.0                                                   | 0.733                                      | 56.5                                                  | -40.9 -32.8                                | 55.1                                       | 194                                                   | 0.0                                        | 1.0                                   | 0.733                                 | 56.5                                  | -49.3 -20.2 | 53.4 | 202 | 0.0 | 1.0 | 0.733 |
| 220                                                                                                                                                                                                                                                                        | 195                     | 203                     | 0.0                                       | 1.0                                                   | 0.75                                       | 56.6                                                  | -40.0 -33.7                                | 54.8                                       | 195                                                   | 0.0                                        | 1.0                                   | 0.75                                  | 56.6                                  | -48.9 -21.0 | 53.3 | 203 | 0.0 | 1.0 | 0.75  |
| 221                                                                                                                                                                                                                                                                        | 196                     | 204                     | 0.0                                       | 1.0                                                   | 0.766                                      | 56.7                                                  | -39.6 -34.5                                | 54.5                                       | 196                                                   | 0.0                                        | 1.0                                   | 0.767                                 | 56.7                                  | -48.4 -21.7 | 53.2 | 204 | 0.0 | 1.0 | 0.767 |
| 222                                                                                                                                                                                                                                                                        | 197                     | 205                     | 0.0                                       | 1.0                                                   | 0.783                                      | 56.8                                                  | -39.1 -35.3                                | 54.2                                       | 197                                                   | 0.0                                        | 1.0                                   | 0.783                                 | 56.8                                  | -48.0 -22.4 | 53.1 | 205 | 0.0 | 1.0 | 0.783 |
| 223                                                                                                                                                                                                                                                                        | 198                     | 206                     | 0.0                                       | 1.0                                                   | 0.8                                        | 56.9                                                  | -38.6 -36.1                                | 54.0                                       | 198                                                   | 0.0                                        | 1.0                                   | 0.8                                   | 56.9                                  | -47.5 -23.2 | 53.0 | 206 | 0.0 | 1.0 | 0.8   |
| 224                                                                                                                                                                                                                                                                        | 199                     | 206                     | 0.0                                       | 1.0                                                   | 0.816                                      | 56.9                                                  | -38.0 -36.9                                | 53.7                                       | 199                                                   | 0.0                                        | 1.0                                   | 0.817                                 | 56.9                                  | -47.1 -23.9 | 52.9 | 206 | 0.0 | 1.0 | 0.817 |
| 225                                                                                                                                                                                                                                                                        | 200                     | 207                     | 0.0                                       | 1.0                                                   | 0.833                                      | 57.0                                                  | -37.5 -37.7                                | 53.6                                       | 200                                                   | 0.0                                        | 1.0                                   | 0.833                                 | 57.0                                  | -46.6 -24.6 | 52.8 | 207 | 0.0 | 1.0 | 0.833 |
| 226                                                                                                                                                                                                                                                                        | 201                     | 208                     | 0.0                                       | 1.0                                                   | 0.85                                       | 57.1                                                  | -36.9 -38.5                                | 53.5                                       | 201                                                   | 0.0                                        | 1.0                                   | 0.85                                  | 57.1                                  | -46.1 -25.3 | 52.7 | 208 | 0.0 | 1.0 | 0.85  |
| 227                                                                                                                                                                                                                                                                        | 202                     | 209                     | 0.0                                       | 1.0                                                   | 0.866                                      | 57.2                                                  | -36.4 -39.2                                | 53.4                                       | 202                                                   | 0.0                                        | 1.0                                   | 0.867                                 | 57.2                                  | -45.7 -26.0 | 52.7 | 209 | 0.0 | 1.0 | 0.867 |
| 228                                                                                                                                                                                                                                                                        | 203                     | 210                     | 0.0                                       | 1.0                                                   | 0.883                                      | 57.3                                                  | -35.8 -40.0                                | 53.3                                       | 203                                                   | 0.0                                        | 1.0                                   | 0.883                                 | 57.3                                  | -45.2 -26.7 | 52.6 | 210 | 0.0 | 1.0 | 0.883 |
| 229                                                                                                                                                                                                                                                                        | 204                     | 211                     | 0.0                                       | 1.0                                                   | 0.9                                        | 57.4                                                  | -35.3 -40.7                                | 53.2                                       | 204                                                   | 0.0                                        | 1.0                                   | 0.9                                   | 57.4                                  | -44.8 -27.4 | 52.6 | 211 | 0.0 | 1.0 | 0.9   |
| 230                                                                                                                                                                                                                                                                        | 205                     | 212                     | 0.0                                       | 1.0                                                   | 0.916                                      | 57.4                                                  | -34.8 -41.5                                | 53.1                                       | 205                                                   | 0.0                                        | 1.0                                   | 0.917                                 | 57.4                                  | -44.3 -28.1 | 52.6 | 212 | 0.0 | 1.0 | 0.917 |
| 230                                                                                                                                                                                                                                                                        | 206                     | 213                     | 0.0                                       | 1.0                                                   | 0.933                                      | 57.5                                                  | -34.2 -42.2                                | 53.0                                       | 206                                                   | 0.0                                        | 1.0                                   | 0.933                                 | 57.5                                  | -43.8 -28.8 | 52.6 | 213 | 0.0 | 1.0 | 0.933 |
| 231                                                                                                                                                                                                                                                                        | 207                     | 214                     | 0.0                                       | 1.0                                                   | 0.95                                       | 57.6                                                  | -33.7 -42.9                                | 52.9                                       | 207                                                   | 0.0                                        | 1.0                                   | 0.95                                  | 57.6                                  | -43.3 -29.5 | 52.6 | 214 | 0.0 | 1.0 | 0.95  |
| 232                                                                                                                                                                                                                                                                        | 208                     | 215                     | 0.0                                       | 1.0                                                   | 0.966                                      | 57.7                                                  | -33.1 -43.7                                | 52.8                                       | 208                                                   | 0.0                                        | 1.0                                   | 0.967                                 | 57.7                                  | -42.9 -30.1 | 52.5 | 215 | 0.0 | 1.0 | 0.967 |
| 233                                                                                                                                                                                                                                                                        | 209                     | 216                     | 0.0                                       | 1.0                                                   | 0.983                                      | 57.7                                                  | -32.5 -44.4                                | 52.7                                       | 209                                                   | 0.0                                        | 1.0                                   | 0.983                                 | 57.7                                  | -42.3 -30.8 | 52.5 | 216 | 0.0 | 1.0 | 0.983 |
| 234                                                                                                                                                                                                                                                                        | 210                     | 216                     | 0.0                                       | 1.0                                                   | 1.0                                        | 57.8                                                  | -31.9 -45.1                                | 52.7                                       | 210                                                   | 0.0                                        | 1.0                                   | 1.0                                   | 57.8                                  | -41.8 -31.5 | 52.5 | 216 | 0.0 | 1.0 | 1.0   |

4-1131230-L0

SI150-73

LAB\*la0, YN=0%, XYZnw=2.5, 2.6, 2.7, 86.0, 90.9, 95.9, LAB\*nmw=18.5, 0.0, 0.0, 96.4, 0.0, 0.0

uscita: Offset standard print; separation cmyn6\*, D65, pagina 13/33

grafico TUB-SI15; 1080 colori, carta standard offset  
cerchio delle tinte a 48 passi;  $rgb-LabCh^*_{tavole}$ , 3D=1, de=1,  $cmyn6^*_{3D}$

immettere:  $rgb/cmyk \rightarrow rgb_{de}$

3D-linearizzazzone a  $cmyk^*_{de}$

TUB iscrizione: 20130201-SI15/SI15L0FP.PDF /.PS  
la domanda per la misura uscita nella stampa di offset, separazionecmyn6\* (CMYK)

TUB materiale: code=rha4ta

Data of Maximum color M in colorimetric system Offset standard print; separation cmyn6\*, D65 for input or output; Six hue angles of the 60 degree standard colours  $RYGCBM_c$ :  $h_{ab,ds} = 30.0, 90.0, 150.0, 210.0, 270.0, 330.0$ ;  
Six hue angles of the device colours  $RYGCBM_d$ :  $h_{ab,d} = 30.4, 96.1, 161.6, 234.7, 295.7, 353.2$ ; Six hue angles of the elementary colours  $RYGCBM_e$ :  $h_{ab,e} = 25.5, 92.3, 162.2, 217.0, 271.7, 328.6$

| Colorimetric and Spectrophotometric Data of the Water Colours (C <sub>d</sub> , C <sub>s</sub> , C <sub>e</sub> ) |                   |                   |                   |                         |                                   |                         |                                   |                         |                                   |                         | Colorimetric and Spectrophotometric Data of the Elementary Colours (C <sub>d</sub> , C <sub>s</sub> , C <sub>e</sub> ) |                   |                   |                   |                         |                                   |                         |                                   |                         |                                   |                         | Colorimetric and Spectrophotometric Data of the Water Colours (C <sub>d</sub> , C <sub>s</sub> , C <sub>e</sub> ) |                   |                   |                   |                         |                                   |                         |                                   |                         |                                   |                         | Colorimetric and Spectrophotometric Data of the Elementary Colours (C <sub>d</sub> , C <sub>s</sub> , C <sub>e</sub> ) |                   |                   |                   |                         |                                   |                         |                                   |                         |                                   |       |       |       |     |       |     |
|-------------------------------------------------------------------------------------------------------------------|-------------------|-------------------|-------------------|-------------------------|-----------------------------------|-------------------------|-----------------------------------|-------------------------|-----------------------------------|-------------------------|------------------------------------------------------------------------------------------------------------------------|-------------------|-------------------|-------------------|-------------------------|-----------------------------------|-------------------------|-----------------------------------|-------------------------|-----------------------------------|-------------------------|-------------------------------------------------------------------------------------------------------------------|-------------------|-------------------|-------------------|-------------------------|-----------------------------------|-------------------------|-----------------------------------|-------------------------|-----------------------------------|-------------------------|------------------------------------------------------------------------------------------------------------------------|-------------------|-------------------|-------------------|-------------------------|-----------------------------------|-------------------------|-----------------------------------|-------------------------|-----------------------------------|-------|-------|-------|-----|-------|-----|
| Lab <sub>d</sub>                                                                                                  | h <sub>ab,d</sub> | h <sub>ab,s</sub> | h <sub>ab,e</sub> | rgb* <sub>dd361Mi</sub> | LAB* <sub>dd361Mi</sub> (x=LabCh) | rgb* <sub>ds361Mi</sub> | LAB* <sub>ds361Mi</sub> (x=LabCh) | rgb* <sub>de361Mi</sub> | LAB* <sub>de361Mi</sub> (x=LabCh) | rgb* <sub>dd361Mi</sub> | Lab <sub>d</sub>                                                                                                       | h <sub>ab,d</sub> | h <sub>ab,s</sub> | h <sub>ab,e</sub> | rgb* <sub>dd361Mi</sub> | LAB* <sub>dd361Mi</sub> (x=LabCh) | rgb* <sub>ds361Mi</sub> | LAB* <sub>ds361Mi</sub> (x=LabCh) | rgb* <sub>de361Mi</sub> | LAB* <sub>de361Mi</sub> (x=LabCh) | rgb* <sub>dd361Mi</sub> | Lab <sub>d</sub>                                                                                                  | h <sub>ab,d</sub> | h <sub>ab,s</sub> | h <sub>ab,e</sub> | rgb* <sub>dd361Mi</sub> | LAB* <sub>dd361Mi</sub> (x=LabCh) | rgb* <sub>ds361Mi</sub> | LAB* <sub>ds361Mi</sub> (x=LabCh) | rgb* <sub>de361Mi</sub> | LAB* <sub>de361Mi</sub> (x=LabCh) | rgb* <sub>dd361Mi</sub> | Lab <sub>d</sub>                                                                                                       | h <sub>ab,d</sub> | h <sub>ab,s</sub> | h <sub>ab,e</sub> | rgb* <sub>dd361Mi</sub> | LAB* <sub>dd361Mi</sub> (x=LabCh) | rgb* <sub>ds361Mi</sub> | LAB* <sub>ds361Mi</sub> (x=LabCh) | rgb* <sub>de361Mi</sub> | LAB* <sub>de361Mi</sub> (x=LabCh) |       |       |       |     |       |     |
| 234                                                                                                               | 210               | 216               | 0.0               | 1.0                     | 1.0                               | 57.8                    | -31.9                             | -45.1                   | 55.3                              | 234                     | C <sub>d</sub>                                                                                                         | 0.0               | 1.0               | 0.631             | 55.5                    | -45.5                             | -26.2                   | 52.7                              | 210                     | C <sub>s</sub>                    | 0.0                     | 1.0                                                                                                               | 1.0               | 0.0               | 1.0               | 0.713                   | 56.3                              | -41.8                   | -31.5                             | 52.5                    | 216                               | C <sub>e</sub>          | 0.0                                                                                                                    | 1.0               | 1.0               | 1.0               | 0.0                     | 1.0                               | 0.983                   | 1.0                               | 0.983                   | 1.0                               | 0.0   | 1.0   | 0.983 | 1.0 | 0.983 | 1.0 |
| 235                                                                                                               | 211               | 217               | 0.0               | 0.983                   | 1.0                               | 57.4                    | -31.3                             | -45.1                   | 55.0                              | 235                     | 0.0                                                                                                                    | 1.0               | 0.643             | 55.6              | -45.0                   | -27.0                             | 52.6                    | 211                               | 0.0                     | 0.983                             | 1.0                     | 0.0                                                                                                               | 1.0               | 0.724             | 56.4              | -41.3                   | -32.1                             | 52.5                    | 217                               | 0.0                     | 0.983                             | 1.0                     | 0.983                                                                                                                  | 1.0               | 0.0               | 1.0               | 0.983                   | 1.0                               | 0.983                   | 1.0                               | 0.983                   | 1.0                               | 0.983 | 1.0   |       |     |       |     |
| 235                                                                                                               | 212               | 218               | 0.0               | 0.966                   | 1.0                               | 57.0                    | -30.7                             | -45.2                   | 54.7                              | 235                     | 0.0                                                                                                                    | 1.0               | 0.654             | 55.7              | -44.5                   | -27.8                             | 52.6                    | 212                               | 0.0                     | 0.967                             | 1.0                     | 0.0                                                                                                               | 1.0               | 0.734             | 56.5              | -40.8                   | -32.8                             | 52.4                    | 218                               | 0.0                     | 0.967                             | 1.0                     | 0.967                                                                                                                  | 1.0               | 0.0               | 1.0               | 0.967                   | 1.0                               | 0.967                   | 1.0                               | 0.967                   | 1.0                               | 0.967 | 1.0   |       |     |       |     |
| 236                                                                                                               | 213               | 219               | 0.0               | 0.95                    | 1.0                               | 56.6                    | -30.1                             | -45.2                   | 54.4                              | 236                     | 0.0                                                                                                                    | 1.0               | 0.666             | 55.8              | -44.0                   | -28.5                             | 52.6                    | 213                               | 0.0                     | 0.95                              | 1.0                     | 0.0                                                                                                               | 1.0               | 0.745             | 56.6              | -40.2                   | -33.4                             | 52.4                    | 219                               | 0.0                     | 0.95                              | 1.0                     | 0.95                                                                                                                   | 1.0               | 0.0               | 1.0               | 0.95                    | 1.0                               | 0.95                    | 1.0                               | 0.95                    | 1.0                               | 0.95  | 1.0   |       |     |       |     |
| 236                                                                                                               | 214               | 220               | 0.0               | 0.933                   | 1.0                               | 56.2                    | -29.6                             | -45.3                   | 54.1                              | 236                     | 0.0                                                                                                                    | 1.0               | 0.678             | 56.0              | -43.5                   | -29.3                             | 52.6                    | 214                               | 0.0                     | 0.933                             | 1.0                     | 0.0                                                                                                               | 1.0               | 0.758             | 56.7              | -39.7                   | -34.1                             | 52.5                    | 220                               | 0.0                     | 0.933                             | 1.0                     | 0.933                                                                                                                  | 1.0               | 0.0               | 1.0               | 0.933                   | 1.0                               | 0.933                   | 1.0                               | 0.933                   | 1.0                               | 0.933 | 1.0   |       |     |       |     |
| 237                                                                                                               | 215               | 221               | 0.0               | 0.916                   | 1.0                               | 55.9                    | -29.0                             | -45.3                   | 53.8                              | 237                     | 0.0                                                                                                                    | 1.0               | 0.69              | 56.1              | -42.9                   | -30.0                             | 52.5                    | 215                               | 0.0                     | 0.917                             | 1.0                     | 0.0                                                                                                               | 1.0               | 0.774             | 56.8              | -39.3                   | -34.8                             | 52.6                    | 221                               | 0.0                     | 0.917                             | 1.0                     | 0.917                                                                                                                  | 1.0               | 0.0               | 1.0               | 0.917                   | 1.0                               | 0.917                   | 1.0                               | 0.917                   | 1.0                               | 0.917 | 1.0   |       |     |       |     |
| 237                                                                                                               | 216               | 222               | 0.0               | 0.9                     | 1.0                               | 55.5                    | -28.4                             | -45.3                   | 53.5                              | 237                     | 0.0                                                                                                                    | 1.0               | 0.701             | 56.2              | -42.4                   | -30.8                             | 52.5                    | 216                               | 0.0                     | 0.9                               | 1.0                     | 0.0                                                                                                               | 1.0               | 0.789             | 56.9              | -38.9                   | -35.5                             | 52.8                    | 222                               | 0.0                     | 0.9                               | 1.0                     | 0.9                                                                                                                    | 1.0               | 0.0               | 1.0               | 0.9                     | 1.0                               | 0.9                     | 1.0                               | 0.9                     | 1.0                               | 0.9   | 1.0   |       |     |       |     |
| 238                                                                                                               | 217               | 223               | 0.0               | 0.883                   | 1.0                               | 55.1                    | -27.8                             | -45.3                   | 53.2                              | 238                     | 0.0                                                                                                                    | 1.0               | 0.713             | 56.3              | -41.8                   | -31.5                             | 52.5                    | 217                               | 0.0                     | 0.883                             | 1.0                     | 0.0                                                                                                               | 1.0               | 0.804             | 56.9              | -38.4                   | -36.3                             | 52.9                    | 223                               | 0.0                     | 0.883                             | 1.0                     | 0.883                                                                                                                  | 1.0               | 0.0               | 1.0               | 0.883                   | 1.0                               | 0.883                   | 1.0                               | 0.883                   | 1.0                               | 0.883 | 1.0   |       |     |       |     |
| 239                                                                                                               | 218               | 224               | 0.0               | 0.866                   | 1.0                               | 54.6                    | -27.2                             | -45.4                   | 52.9                              | 239                     | 0.0                                                                                                                    | 1.0               | 0.725             | 56.4              | -41.2                   | -32.2                             | 52.5                    | 218                               | 0.0                     | 0.867                             | 1.0                     | 0.0                                                                                                               | 1.0               | 0.819             | 57.0              | -37.9                   | -37.0                             | 53.1                    | 224                               | 0.0                     | 0.867                             | 1.0                     | 0.867                                                                                                                  | 1.0               | 0.0               | 1.0               | 0.867                   | 1.0                               | 0.867                   | 1.0                               | 0.867                   | 1.0                               | 0.867 | 1.0   |       |     |       |     |
| 239                                                                                                               | 219               | 225               | 0.0               | 0.85                    | 1.0                               | 54.1                    | -26.4                             | -45.4                   | 52.6                              | 239                     | 0.0                                                                                                                    | 1.0               | 0.737             | 56.5              | -40.7                   | -32.9                             | 52.4                    | 219                               | 0.0                     | 0.85                              | 1.0                     | 0.0                                                                                                               | 1.0               | 0.834             | 57.1              | -37.4                   | -37.7                             | 53.2                    | 225                               | 0.0                     | 0.85                              | 1.0                     | 0.85                                                                                                                   | 1.0               | 0.0               | 1.0               | 0.85                    | 1.0                               | 0.85                    | 1.0                               | 0.85                    | 1.0                               | 0.85  | 1.0   |       |     |       |     |
| 240                                                                                                               | 220               | 226               | 0.0               | 0.833                   | 1.0                               | 53.7                    | -25.7                             | -45.5                   | 52.3                              | 240                     | 0.0                                                                                                                    | 1.0               | 0.749             | 56.6              | -40.1                   | -33.6                             | 52.4                    | 220                               | 0.0                     | 0.833                             | 1.0                     | 0.0                                                                                                               | 1.0               | 0.849             | 57.2              | -36.9                   | -38.4                             | 53.4                    | 226                               | 0.0                     | 0.833                             | 1.0                     | 0.833                                                                                                                  | 1.0               | 0.0               | 1.0               | 0.833                   | 1.0                               | 0.833                   | 1.0                               | 0.833                   | 1.0                               | 0.833 | 1.0   |       |     |       |     |
| 241                                                                                                               | 221               | 227               | 0.0               | 0.816                   | 1.0                               | 53.2                    | -25.0                             | -45.5                   | 51.9                              | 241                     | 0.0                                                                                                                    | 1.0               | 0.765             | 56.7              | -39.6                   | -34.4                             | 52.6                    | 221                               | 0.0                     | 0.817                             | 1.0                     | 0.0                                                                                                               | 1.0               | 0.864             | 57.2              | -36.4                   | -39.1                             | 53.5                    | 227                               | 0.0                     | 0.817                             | 1.0                     | 0.817                                                                                                                  | 1.0               | 0.0               | 1.0               | 0.817                   | 1.0                               | 0.817                   | 1.0                               | 0.817                   | 1.0                               | 0.817 | 1.0   |       |     |       |     |
| 241                                                                                                               | 222               | 227               | 0.0               | 0.8                     | 1.0                               | 52.7                    | -24.3                             | -45.5                   | 51.6                              | 241                     | 0.0                                                                                                                    | 1.0               | 0.781             | 56.8              | -39.1                   | -35.2                             | 52.7                    | 222                               | 0.0                     | 0.8                               | 1.0                     | 0.0                                                                                                               | 1.0               | 0.88              | 57.3              | -35.9                   | -39.8                             | 53.7                    | 227                               | 0.0                     | 0.8                               | 1.0                     | 0.8                                                                                                                    | 1.0               | 0.0               | 1.0               | 0.8                     | 1.0                               | 0.8                     | 1.0                               | 0.8                     | 1.0                               | 0.8   | 1.0   |       |     |       |     |
| 242                                                                                                               | 223               | 228               | 0.0               | 0.783                   | 1.0                               | 52.2                    | -23.5                             | -45.6                   | 51.3                              | 242                     | 0.0                                                                                                                    | 1.0               | 0.798             | 56.9              | -38.6                   | -36.0                             | 52.9                    | 223                               | 0.0                     | 0.783                             | 1.0                     | 0.0                                                                                                               | 1.0               | 0.896             | 57.4              | -35.4                   | -40.5                             | 53.9                    | 228                               | 0.0                     | 0.783                             | 1.0                     | 0.783                                                                                                                  | 1.0               | 0.0               | 1.0               | 0.783                   | 1.0                               | 0.783                   | 1.0                               | 0.783                   | 1.0                               | 0.783 | 1.0   |       |     |       |     |
| 243                                                                                                               | 224               | 229               | 0.0               | 0.766                   | 1.0                               | 51.8                    | -22.8                             | -45.6                   | 51.0                              | 243                     | 0.0                                                                                                                    | 1.0               | 0.814             | 57.0              | -38.1                   | -36.7                             | 53.0                    | 224                               | 0.0                     | 0.767                             | 1.0                     | 0.0                                                                                                               | 1.0               | 0.912             | 57.5              | -34.9                   | -41.2                             | 54.1                    | 229                               | 0.0                     | 0.767                             | 1.0                     | 0.767                                                                                                                  | 1.0               | 0.0               | 1.0               | 0.767                   | 1.0                               | 0.767                   | 1.0                               | 0.767                   | 1.0                               | 0.767 | 1.0   |       |     |       |     |
| 244                                                                                                               | 225               | 230               | 0.0               | 0.75                    | 1.0                               | 51.3                    | -22.1                             | -45.6                   | 50.7                              | 244                     | 0.0                                                                                                                    | 1.0               | 0.831             | 57.1              | -37.5                   | -37.5                             | 53.2                    | 225                               | 0.0                     | 0.75                              | 1.0                     | 0.0                                                                                                               | 1.0               | 0.929             | 57.5              | -34.4                   | -41.9                             | 54.4                    | 230                               | 0.0                     | 0.75                              | 1.0                     | 0.75                                                                                                                   | 1.0               | 0.0               | 1.0               | 0.75                    | 1.0                               | 0.75                    | 1.0                               | 0.75                    | 1.0                               | 0.75  | 1.0   |       |     |       |     |
| 244                                                                                                               | 226               | 231               | 0.0               | 0.733                   | 1.0                               | 50.7                    | -21.3                             | -45.7                   | 50.4                              | 244                     | 0.0                                                                                                                    | 1.0               | 0.847             | 57.2              | -37.0                   | -38.3                             | 53.4                    | 226                               | 0.0                     | 0.733                             | 1.0                     | 0.0                                                                                                               | 1.0               | 0.945             | 57.6              | -33.8                   | -42.7                             | 54.6                    | 231                               | 0.0                     | 0.733                             | 1.0                     | 0.733                                                                                                                  | 1.0               | 0.0               | 1.0               | 0.733                   | 1.0                               | 0.733                   | 1.0                               | 0.733                   | 1.0                               | 0.733 | 1.0   |       |     |       |     |
| 245                                                                                                               | 227               | 232               | 0.0               | 0.716                   | 1.0                               | 50.2                    | -20.5                             | -45.7                   | 50.1                              | 245                     | 0.0                                                                                                                    | 1.0               | 0.864             | 57.2              | -36.4                   | -39.1                             | 53.5                    | 227                               | 0.0                     | 0.717                             | 1.0                     | 0.0                                                                                                               | 1.0               | 0.961             | 57.7              | -33.3                   | -43.4                             | 54.8                    | 232                               | 0.0                     | 0.717                             | 1.0                     | 0.717                                                                                                                  | 1.0               | 0.0               | 1.0               | 0.717                   | 1.0                               | 0.717                   | 1.0                               | 0.717                   | 1.0                               | 0.717 | 1.0   |       |     |       |     |
| 246                                                                                                               | 228               | 233               | 0.0               | 0.7                     | 1.0                               | 49.7                    | -19.6                             | -45.8                   | 49.9                              | 246                     | 0.0                                                                                                                    | 1.0               | 0.881             | 57.3              | -35.8                   | -39.8                             | 53.7                    | 228                               | 0.0                     | 0.7                               | 1.0                     | 0.0                                                                                                               | 1.0               | 0.977             | 57.8              | -32.7                   | -44.1                             | 55.0                    | 233                               | 0.0                     | 0.7                               | 1.0                     | 0.7                                                                                                                    | 1.0               | 0.0               | 1.0               | 0.7                     | 1.0                               | 0.7                     | 1.0                               | 0.7                     | 1.0                               | 0.7   | 1.0   |       |     |       |     |
| 247                                                                                                               | 229               | 234               | 0.0               | 0.683                   | 1.0                               | 49.1                    | -18.8                             | -45.9                   | 49.6                              | 247                     | 0.0                                                                                                                    | 1.0               | 0.899             | 57.4              | -35.3                   | -40.6                             | 54.0                    | 229                               | 0.0                     | 0.683                             | 1.0                     | 0.0                                                                                                               | 1.0               | 0.993             | 57.8              | -32.1                   | -44.8                             | 55.2                    | 234                               | 0.0                     | 0.683                             | 1.0                     | 0.683                                                                                                                  | 1.0               | 0.0               | 1.0               | 0.683                   | 1.0                               | 0.683                   | 1.0                               | 0.683                   | 1.0                               | 0.683 | 1.0   |       |     |       |     |
| 248                                                                                                               | 230               | 235               | 0.0               | 0.666                   | 1.0                               | 48.6                    | -18.0                             | -45.9                   | 49.3                              | 248                     | 0.0                                                                                                                    | 1.0               | 0.917             | 57.5              | -34.7                   | -41.4                             | 54.2                    | 230                               | 0.0                     | 0.667                             | 1.0                     | 0.0                                                                                                               | 1.0               | 0.983             | 1.0               | 57.5                    | -31.3                             | -45.1                   | 55.0                              | 235                     | 0.0                               | 0.667                   | 1.0                                                                                                                    | 0.667             | 1.0               | 0.0               | 1.0                     | 0.667                             | 1.0                     | 0.667                             | 1.0                     | 0.667                             | 1.0   | 0.667 | 1.0   |     |       |     |
| 249                                                                                                               | 231               | 236               | 0.0               | 0.65                    | 1.0                               | 48.0                    | -17.2                             | -45.9                   | 49.1                              | 249                     | 0.0                                                                                                                    | 1.0               | 0.934             | 57.6              | -34.2                   | -42.2                             | 54.4                    | 231                               | 0.0                     | 0.65                              | 1.0                     | 0.0                                                                                                               | 1.0               | 0.955             | 1.0               | 56.8                    | -30.3                             | -45.2                   | 54.5                              | 236                     | 0.0                               | 0.65                    | 1.0                                                                                                                    | 0.65              | 1.0               | 0.0               | 1.0                     | 0.65                              | 1.0                     | 0.65                              | 1.0                     | 0.65                              | 1.0   | 0.65  | 1.0   |     |       |     |
| 250                                                                                                               | 232               | 237               | 0.0               | 0.633                   | 1.0                               | 47.5                    | -16.4                             | -45.9                   | 48.8                              | 250                     | 0.0                                                                                                                    | 1.0               | 0.952             | 57.7              | -33.6                   | -43.0                             | 54.7                    | 232                               | 0.0                     | 0.633                             | 1.0                     | 0.0                                                                                                               | 1.0               | 0.927             | 1.0               | 56.1                    | -29.3                             | -45.2                   | 54.0                              | 237                     | 0.0                               | 0.633                   | 1.0                                                                                                                    | 0.633             | 1.0               | 0.0               | 1.0                     | 0.633                             | 1.0                     | 0.633                             | 1.0                     | 0.633                             | 1.0   | 0.633 | 1.0   |     |       |     |
| 251                                                                                                               | 233               | 237               | 0.0               | 0.616                   | 1.0                               | 46.9                    | -15.4                             | -46.0                   | 48.5                              | 251                     | 0.0                                                                                                                    | 1.0               | 0.97              | 57.7              | -32.9                   | -43.8                             | 54.9                    | 233                               | 0.0                     | 0.617                             | 1.0                     | 0.0                                                                                                               | 1.0               | 0.898             | 1.0               | 55.5                    | -28.3                             | -45.3                   | 53.5                              |                         |                                   |                         |                                                                                                                        |                   |                   |                   |                         |                                   |                         |                                   |                         |                                   |       |       |       |     |       |     |

| Data of Maximum color M in colorimetric system Offset standard print; separation cmyn6*, D65 for input or output; Six hue angles of the 60 degree standard colours RYGCbM <sub>s</sub> : h <sub>ab,ds</sub> = 30.0, 90.0, 150.0, 210.0, 270.0, 330.0; Six hue angles of the device colours RYGCbM <sub>d</sub> : h <sub>ab,d</sub> = 30.4, 96.1, 161.6, 234.7, 295.7, 353.2; Six hue angles of the elementary colours RYGCbM <sub>e</sub> : h <sub>ab,e</sub> = 25.5, 92.3, 162.2, 217.0, 271.7, 328.6 |                   |                   |                        |                                    |                         |                                    |                         |                         |                                    |                         |                         |  |  |  |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|-------------------|------------------------|------------------------------------|-------------------------|------------------------------------|-------------------------|-------------------------|------------------------------------|-------------------------|-------------------------|--|--|--|
| h <sub>ab,d</sub>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | h <sub>ab,s</sub> | h <sub>ab,e</sub> | rgb* <sub>dd361M</sub> | LAB* <sub>dsx361Mi</sub> (x=LabCh) | rgb* <sub>ds361Mi</sub> | LAB* <sub>dsx361Mi</sub> (x=LabCh) | rgb* <sub>dd361Mi</sub> | rgb* <sub>de361Mi</sub> | LAB* <sub>dex361Mi</sub> (x=LabCh) | rgb* <sub>dd361Mi</sub> | rgb* <sub>de361Mi</sub> |  |  |  |
| 280                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 255               | 258               | 0.0 0.25 1.0           | 32.7 8.5 -47.0 47.8                | 0.0 0.57 1.0            | 45.1 -12.3 -46.2 47.9              | 255 0.0 0.25 1.0        | 0.0 0.531 1.0           | 43.6 -9.7 -46.3 47.4               | 258 0.0 0.25 1.0        | 0.0 0.531 1.0           |  |  |  |
| 281                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 256               | 258               | 0.0 0.233 1.0          | 32.1 9.5 -47.2 48.1                | 0.0 0.557 1.0           | 44.6 -11.5 -46.2 47.8              | 256 0.0 0.233 1.0       | 0.0 0.519 1.0           | 43.1 -8.9 -46.3 47.2               | 258 0.0 0.233 1.0       | 0.0 0.519 1.0           |  |  |  |
| 282                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 257               | 259               | 0.0 0.216 1.0          | 31.5 10.6 -47.3 48.5               | 0.0 0.545 1.0           | 44.1 -10.6 -46.3 47.6              | 257 0.0 0.217 1.0       | 0.0 0.507 1.0           | 42.7 -8.2 -46.2 47.1               | 259 0.0 0.217 1.0       | 0.0 0.507 1.0           |  |  |  |
| 283                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 258               | 260               | 0.0 0.2 1.0            | 30.9 11.7 -47.4 48.8               | 0.0 0.532 1.0           | 43.6 -9.8 -46.3 47.4               | 258 0.0 0.2 1.0         | 0.0 0.496 1.0           | 42.2 -7.4 -46.2 47.0               | 260 0.0 0.2 1.0         | 0.0 0.496 1.0           |  |  |  |
| 285                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 259               | 261               | 0.0 0.183 1.0          | 30.2 12.8 -47.5 49.2               | 0.0 0.519 1.0           | 43.1 -8.9 -46.3 47.2               | 259 0.0 0.183 1.0       | 0.0 0.484 1.0           | 41.7 -6.7 -46.3 46.9               | 261 0.0 0.183 1.0       | 0.0 0.484 1.0           |  |  |  |
| 286                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 260               | 262               | 0.0 0.166 1.0          | 29.6 13.9 -47.5 49.5               | 0.0 0.506 1.0           | 42.6 -8.1 -46.2 47.1               | 260 0.0 0.167 1.0       | 0.0 0.473 1.0           | 41.3 -5.9 -46.4 46.9               | 262 0.0 0.167 1.0       | 0.0 0.473 1.0           |  |  |  |
| 287                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 261               | 263               | 0.0 0.15 1.0           | 29.0 15.0 -47.6 49.9               | 0.0 0.493 1.0           | 42.1 -7.2 -46.3 46.9               | 261 0.0 0.15 1.0        | 0.0 0.461 1.0           | 40.8 -5.2 -46.4 46.8               | 263 0.0 0.15 1.0        | 0.0 0.461 1.0           |  |  |  |
| 288                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 262               | 264               | 0.0 0.133 1.0          | 28.4 16.1 -47.6 50.3               | 0.0 0.481 1.0           | 41.6 -6.4 -46.3 46.9               | 262 0.0 0.133 1.0       | 0.0 0.45 1.0            | 40.3 -4.4 -46.5 46.8               | 264 0.0 0.133 1.0       | 0.0 0.45 1.0            |  |  |  |
| 289                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 263               | 265               | 0.0 0.116 1.0          | 27.8 17.1 -47.6 50.6               | 0.0 0.468 1.0           | 41.1 -5.6 -46.4 46.8               | 263 0.0 0.117 1.0       | 0.0 0.439 1.0           | 39.9 -3.7 -46.5 46.7               | 265 0.0 0.117 1.0       | 0.0 0.439 1.0           |  |  |  |
| 290                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 264               | 266               | 0.0 0.1 1.0            | 27.4 17.9 -47.7 50.9               | 0.0 0.455 1.0           | 40.6 -4.8 -46.4 46.8               | 264 0.0 0.1 1.0         | 0.0 0.427 1.0           | 39.4 -2.9 -46.5 46.7               | 266 0.0 0.1 1.0         | 0.0 0.427 1.0           |  |  |  |
| 291                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 265               | 267               | 0.0 0.083 1.0          | 27.0 18.8 -47.7 51.3               | 0.0 0.443 1.0           | 40.1 -4.0 -46.5 46.7               | 265 0.0 0.083 1.0       | 0.0 0.416 1.0           | 39.0 -2.2 -46.5 46.6               | 267 0.0 0.083 1.0       | 0.0 0.416 1.0           |  |  |  |
| 292                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 266               | 268               | 0.0 0.066 1.0          | 26.6 19.6 -47.8 51.6               | 0.0 0.43 1.0            | 39.6 -3.2 -46.5 46.7               | 266 0.0 0.067 1.0       | 0.0 0.404 1.0           | 38.5 -1.5 -46.5 46.6               | 268 0.0 0.067 1.0       | 0.0 0.404 1.0           |  |  |  |
| 293                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 267               | 269               | 0.0 0.049 1.0          | 26.2 20.4 -47.8 52.0               | 0.0 0.418 1.0           | 39.0 -2.3 -46.5 46.6               | 267 0.0 0.05 1.0        | 0.0 0.393 1.0           | 38.0 -0.7 -46.4 46.5               | 269 0.0 0.05 1.0        | 0.0 0.393 1.0           |  |  |  |
| 293                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 268               | 269               | 0.0 0.033 1.0          | 25.8 21.2 -47.8 52.3               | 0.0 0.405 1.0           | 38.5 -1.5 -46.5 46.6               | 268 0.0 0.033 1.0       | 0.0 0.381 1.0           | 37.6 0.0 -46.4 46.5                | 269 0.0 0.033 1.0       | 0.0 0.381 1.0           |  |  |  |
| 294                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 269               | 270               | 0.0 0.016 1.0          | 25.4 22.1 -47.8 52.7               | 0.0 0.393 1.0           | 38.0 -0.7 -46.4 46.5               | 269 0.0 0.017 1.0       | 0.0 0.37 1.0            | 37.1 0.7 -46.4 46.5                | 270 0.0 0.017 1.0       | 0.0 0.37 1.0            |  |  |  |
| 295                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 270               | 271               | 0.0 0.0 1.0            | 24.9 22.9 -47.8 53.0               | 0.0 0.38 1.0            | 37.5 0.0 -46.4 46.5                | 270 0.0 0.0 1.0         | 0.0 0.358 1.0           | 36.7 1.4 -46.5 46.7                | 271 0.0 0.0 1.0         | 0.0 0.358 1.0           |  |  |  |
| 297                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 271               | 272               | 0.016 0.0 1.0          | 25.3 24.1 -47.3 53.1               | 0.0 0.368 1.0           | 37.0 0.8 -46.4 46.6                | 271 0.017 0.0 1.0       | 0.0 0.346 1.0           | 36.3 2.2 -46.6 46.8                | 272 0.017 0.0 1.0       | 0.0 0.346 1.0           |  |  |  |
| 298                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 272               | 273               | 0.033 0.0 1.0          | 25.7 25.3 -46.8 53.2               | 0.0 0.355 1.0           | 36.6 1.6 -46.6 46.7                | 272 0.033 0.0 1.0       | 0.0 0.334 1.0           | 35.8 3.0 -46.7 46.9                | 273 0.033 0.0 1.0       | 0.0 0.334 1.0           |  |  |  |
| 299                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 273               | 274               | 0.05 0.0 1.0           | 26.1 26.4 -46.2 53.3               | 0.0 0.342 1.0           | 36.1 2.5 -46.7 46.8                | 273 0.05 0.0 1.0        | 0.0 0.322 1.0           | 35.4 3.8 -46.8 47.0                | 274 0.05 0.0 1.0        | 0.0 0.322 1.0           |  |  |  |
| 301                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 274               | 275               | 0.066 0.0 1.0          | 26.5 27.6 -45.7 53.3               | 0.0 0.33 1.0            | 35.7 3.3 -46.7 47.0                | 274 0.067 0.0 1.0       | 0.0 0.31 1.0            | 35.0 4.5 -46.9 47.2                | 275 0.067 0.0 1.0       | 0.0 0.31 1.0            |  |  |  |
| 302                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 275               | 276               | 0.083 0.0 1.0          | 26.9 28.7 -45.1 53.4               | 0.0 0.317 1.0           | 35.2 4.1 -46.8 47.1                | 275 0.083 0.0 1.0       | 0.0 0.298 1.0           | 34.5 5.3 -46.9 47.3                | 276 0.083 0.0 1.0       | 0.0 0.298 1.0           |  |  |  |
| 303                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 276               | 277               | 0.1 0.0 1.0            | 27.2 29.8 -44.4 53.5               | 0.0 0.304 1.0           | 34.7 4.9 -46.9 47.2                | 276 0.1 0.0 1.0         | 0.0 0.286 1.0           | 34.1 6.1 -46.9 47.4                | 277 0.1 0.0 1.0         | 0.0 0.286 1.0           |  |  |  |
| 305                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 277               | 278               | 0.116 0.0 1.0          | 27.6 30.9 -43.8 53.6               | 0.0 0.291 1.0           | 34.3 5.8 -46.9 47.4                | 277 0.117 0.0 1.0       | 0.0 0.274 1.0           | 33.7 6.9 -47.0 47.6                | 278 0.117 0.0 1.0       | 0.0 0.274 1.0           |  |  |  |
| 306                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 278               | 279               | 0.133 0.0 1.0          | 28.0 31.7 -43.2 53.7               | 0.0 0.279 1.0           | 33.8 6.6 -46.9 47.5                | 278 0.133 0.0 1.0       | 0.0 0.262 1.0           | 33.2 7.7 -47.0 47.7                | 279 0.133 0.0 1.0       | 0.0 0.262 1.0           |  |  |  |
| 307                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 279               | 280               | 0.15 0.0 1.0           | 28.2 32.4 -42.8 53.7               | 0.0 0.266 1.0           | 33.4 7.5 -47.0 47.6                | 279 0.15 0.0 1.0        | 0.0 0.25 1.0            | 32.8 8.5 -47.0 47.8                | 280 0.15 0.0 1.0        | 0.0 0.25 1.0            |  |  |  |
| 307                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 280               | 281               | 0.166 0.0 1.0          | 28.5 33.0 -42.5 53.8               | 0.0 0.253 1.0           | 32.9 8.3 -47.0 47.8                | 280 0.167 0.0 1.0       | 0.0 0.237 1.0           | 32.3 9.4 -47.1 48.1                | 281 0.167 0.0 1.0       | 0.0 0.237 1.0           |  |  |  |
| 308                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 281               | 282               | 0.183 0.0 1.0          | 28.8 33.6 -42.1 53.9               | 0.0 0.24 1.0            | 32.4 9.2 -47.0 48.0                | 281 0.183 0.0 1.0       | 0.0 0.224 1.0           | 31.8 10.2 -47.2 48.4               | 282 0.183 0.0 1.0       | 0.0 0.224 1.0           |  |  |  |
| 309                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 282               | 283               | 0.2 0.0 1.0            | 29.1 34.2 -41.6 53.9               | 0.0 0.226 1.0           | 31.9 10.0 -47.2 48.3               | 282 0.2 0.0 1.0         | 0.0 0.211 1.0           | 31.3 11.0 -47.3 48.6               | 283 0.2 0.0 1.0         | 0.0 0.211 1.0           |  |  |  |
| 310                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 283               | 284               | 0.216 0.0 1.0          | 29.4 34.8 -41.2 54.0               | 0.0 0.213 1.0           | 31.4 10.9 -47.3 48.6               | 283 0.217 0.0 1.0       | 0.0 0.198 1.0           | 30.8 11.9 -47.4 48.9               | 284 0.217 0.0 1.0       | 0.0 0.198 1.0           |  |  |  |
| 310                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 284               | 285               | 0.233 0.0 1.0          | 29.6 35.4 -40.8 54.1               | 0.0 0.199 1.0           | 30.9 11.8 -47.4 48.9               | 284 0.233 0.0 1.0       | 0.0 0.185 1.0           | 30.4 12.7 -47.4 49.2               | 285 0.233 0.0 1.0       | 0.0 0.185 1.0           |  |  |  |
| 311                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 285               | 285               | 0.25 0.0 1.0           | 29.9 36.0 -40.4 54.1               | 0.0 0.185 1.0           | 30.4 12.7 -47.4 49.2               | 285 0.25 0.0 1.0        | 0.0 0.172 1.0           | 29.9 13.6 -47.5 49.5               | 285 0.25 0.0 1.0        | 0.0 0.172 1.0           |  |  |  |
| 313                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 286               | 286               | 0.266 0.0 1.0          | 30.4 37.7 -39.5 54.6               | 0.0 0.172 1.0           | 29.8 13.6 -47.5 49.5               | 286 0.267 0.0 1.0       | 0.0 0.159 1.0           | 29.4 14.5 -47.5 49.8               | 286 0.267 0.0 1.0       | 0.0 0.159 1.0           |  |  |  |
| 315                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 287               | 287               | 0.283 0.0 1.0          | 30.9 39.3 -38.5 55.0               | 0.0 0.158 1.0           | 29.3 14.6 -47.5 49.8               | 287 0.283 0.0 1.0       | 0.0 0.146 1.0           | 28.9 15.3 -47.5 50.0               | 287 0.283 0.0 1.0       | 0.0 0.146 1.0           |  |  |  |
| 317                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 288               | 288               | 0.3 0.0 1.0            | 31.5 40.9 -37.5 55.5               | 0.0 0.144 1.0           | 28.8 15.5 -47.5 50.1               | 288 0.3 0.0 1.0         | 0.0 0.133 1.0           | 28.4 16.2 -47.5 50.3               | 288 0.3 0.0 1.0         | 0.0 0.133 1.0           |  |  |  |
| 319                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 289               | 289               | 0.316 0.0 1.0          | 32.0 42.4 -36.4 55.9               | 0.0 0.13 1.0            | 28.3 16.4 -47.5 50.4               | 289 0.317 0.0 1.0       | 0.0 0.118 1.0           | 27.9 17.1 -47.5 50.6               | 289 0.317 0.0 1.0       | 0.0 0.118 1.0           |  |  |  |
| 321                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 290               | 290               | 0.333 0.0 1.0          | 32.5 44.0 -35.3 56.4               | 0.0 0.113 1.0           | 27.8 17.4 -47.6 50.7               | 290 0.333 0.0 1.0       | 0.0 0.099 1.0           | 27.5 18.0 -47.6 51.0               | 290 0.333 0.0 1.0       | 0.0 0.099 1.0           |  |  |  |
| 323                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 291               | 291               | 0.35 0.0 1.0           | 33.0 45.5 -34.1 56.9               | 0.0 0.093 1.0           | 27.3 18.3 -47.6 51.1               | 291 0.35 0.0 1.0        | 0.0 0.08 1.0            | 27.0 19.0 -47.7 51.4               | 291 0.35 0.0 1.0        | 0.0 0.08 1.0            |  |  |  |
| 325                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 292               | 292               | 0.366 0.0 1.0          | 33.5 47.0 -32.8 57.3               | 0.0 0.073 1.0           | 26.8 19.3 -47.7 51.6               | 292 0.367 0.0 1.0       | 0.0 0.061 1.0           | 26.5 19.9 -47.7 51.8               | 292 0.367 0.0 1.0       | 0.0 0.061 1.0           |  |  |  |
| 326                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 293               | 293               | 0.383 0.0 1.0          | 34.0 48.1 -31.9 57.7               | 0.0 0.053 1.0           | 26.3 20.3 -47.7 52.0               | 293 0.383 0.0 1.0       | 0.0 0.042 1.0           | 26.0 20.8 -47.8 52.2               | 293 0.383 0.0 1.0       | 0.0 0.042 1.0           |  |  |  |
| 327                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 294               | 294               | 0.4 0.0 1.0            | 34.4 49.0 -31.3 58.1               | 0.0 0.033 1.0           | 25.8 21.3 -47.8 52.4               | 294 0.4 0.0 1.0         | 0.0 0.023 1.0           | 25.6 21.8 -47.8 52.6               | 294 0.4 0.0 1.0         | 0.0 0.023 1.0           |  |  |  |
| 328                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 295               | 295               | 0.416 0.0 1.0          | 34.8 49.8 -30.6 58.5               | 0.0 0.013 1.0           | 25.3 22.3 -47.8 52.8               | 295 0.417 0.0 1.0       | 0.0 0.005 1.0           | 25.1 22.8 -47.8 53.0               | 295 0.417 0.0 1.0       | 0.0 0.005 1.0           |  |  |  |
| 329                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 296               | 296               | 0.433 0.0 1.0          | 35.3 50.6 -30.0 58.9               | 0.004 0.0 1.0           | 25.1 23.3 -47.6 53.1               | 296 0.433 0.0 1.0       | 0.009 0.0 1.0           | 25.2 23.6 -47.5 53.1               | 296 0.433 0.0 1.0       | 0.009 0.0 1.0           |  |  |  |
| 330                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 297               | 297               | 0.45 0.0 1.0           | 35.7 51.5 -29.3 59.2               | 0.016 0.0 1.0           | 25.4 24.1 -47.3 53.2               | 297 0.45 0.0 1.0        | 0.02 0.0 1.0            | 25.5 24.4 -47.1 53.2               | 297 0.45 0.0 1.0        | 0.02 0.0 1.0            |  |  |  |
| 331                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 298               | 298               | 0.466 0.0 1.0          | 36.2 52.3 -28.6 59.6               | 0.029 0.0 1.0           | 25.6 25.0 -46.9 53.2               | 298 0.467 0.0 1.0       | 0.032 0.0 1.0           | 25.7 25.2 -46.8 53.2               | 298 0.467 0.0 1.0       | 0.032 0.0 1.0           |  |  |  |
| 332                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 299               | 299               | 0.483 0.0 1.0          | 36.6 53.1 -27.9 60.0               | 0.041 0.0 1.0           | 25.9 25.8 -46.5 53.3               | 299 0.483 0.0 1.0       | 0.043 0.0 1.0           | 26.0 26.0 -46.4 53.3               | 299 0.483 0.0 1.0       | 0.043 0.0 1.0           |  |  |  |
| 333                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 300               | 300               | 0.5 0.0 1.0            | 37.0 53.9 -27.1 60.4               | 0.053 0.0 1.0           | 26.2 26.7 -46.1 53.3               | 300 0.5 0.0 1.0         | 0.055 0.0 1.0           | 26.3 26.8 -46.0 53.3               | 300 0.5 0.0 1.0         | 0.055 0.0 1.0           |  |  |  |

4-1131430-L0 SI150-73 LAB\*la0, YN=0%, XYZnw=2.5, 2.6, 2.7, 86.0, 90.9, 95.9, LAB\*nmw=18.5, 0.0, 0.0, 96.4, 0.0, 0.0

uscita: Offset standard print; separation cmyn6\*, D65, pagina 15/33

grafico TUB-SI15; 1080 colori, carta standard offset  
cerchio delle tinte a 48 passi;  $rgb-LabCh^*_{tavole}$ , 3D=1, de=1,  $cmyn6^*_{3D}$

immettere:  $rgb/cmyk \rightarrow rgb_{de}$   
3D-linearizzazzone a  $cmyk^*_{de}$

TUB iscrizione: 20130201-SI15/SI15L0FP.PDF /.PS  
la domanda per la misura uscita nella stampa di offset, separazionecmyn6\* (CMYK)

TUB materiale: code=rha4ta

Data of Maximum color M in colorimetric system Offset standard print; separation cmyn6\*, 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  $RYGCBM_d$ :  $h_{ab,d} = 30.4, 96.1, 161.6, 234.7, 295.7, 353.2$ ; Six hue angles of the elementary colours  $RYGCBM_e$ :  $h_{ab,e} = 25.5, 92.3, 162.2, 217.0, 271.7, 328.6$

| $h_{ab,d}$ | $h_{ab,s}$ | $h_{ab,e}$ | $rgb^*_{dd361M}$ |     | $LAB^*_{d361Mi}$ |      | $LAB^*_{dsx361Mi}$ |            | $rgb^*_{ds361Mi}$ |       | $LAB^*_{d361Mi}$ |     | $LAB^*_{dsx361Mi}$ |      | $rgb^*_{de361Mi}$ |     | $LAB^*_{dex361Mi}$ |     | $rgb^*_{de361Mi}$ |       | $rgb^*_{dd}$ |     | $rgb^*_{ds}$ |      | $rgb^*_{de}$ |     |       |     |       |
|------------|------------|------------|------------------|-----|------------------|------|--------------------|------------|-------------------|-------|------------------|-----|--------------------|------|-------------------|-----|--------------------|-----|-------------------|-------|--------------|-----|--------------|------|--------------|-----|-------|-----|-------|
| 333        | 300        | 300        | 0.5              | 0.0 | 1.0              | 37.0 | 53.9               | -27.1 60.4 | 333               | 0.053 | 0.0              | 1.0 | 26.2               | 26.7 | -46.1 53.3        | 300 | 0.5                | 0.0 | 1.0               | 0.055 | 0.0          | 1.0 | 26.3         | 26.8 | -46.0 53.3   | 300 | 0.5   | 0.0 | 1.0   |
| 334        | 301        | 301        | 0.516            | 0.0 | 1.0              | 37.5 | 54.7               | -26.5 60.8 | 334               | 0.065 | 0.0              | 1.0 | 26.5               | 27.5 | -45.7 53.4        | 301 | 0.517              | 0.0 | 1.0               | 0.067 | 0.0          | 1.0 | 26.5         | 27.6 | -45.6 53.4   | 301 | 0.517 | 0.0 | 1.0   |
| 334        | 302        | 302        | 0.533            | 0.0 | 1.0              | 37.9 | 55.5               | -25.9 61.3 | 334               | 0.077 | 0.0              | 1.0 | 26.8               | 28.3 | -45.2 53.4        | 302 | 0.533              | 0.0 | 1.0               | 0.078 | 0.0          | 1.0 | 26.8         | 28.4 | -45.2 53.4   | 302 | 0.533 | 0.0 | 1.0   |
| 335        | 303        | 303        | 0.55             | 0.0 | 1.0              | 38.3 | 56.3               | -25.2 61.7 | 335               | 0.09  | 0.0              | 1.0 | 27.1               | 29.1 | -44.8 53.5        | 303 | 0.55               | 0.0 | 1.0               | 0.09  | 0.0          | 1.0 | 27.1         | 29.2 | -44.8 53.5   | 303 | 0.55  | 0.0 | 1.0   |
| 336        | 304        | 303        | 0.566            | 0.0 | 1.0              | 38.7 | 57.1               | -24.6 62.2 | 336               | 0.102 | 0.0              | 1.0 | 27.3               | 29.9 | -44.3 53.6        | 304 | 0.567              | 0.0 | 1.0               | 0.101 | 0.0          | 1.0 | 27.3         | 29.9 | -44.3 53.6   | 303 | 0.567 | 0.0 | 1.0   |
| 337        | 305        | 304        | 0.583            | 0.0 | 1.0              | 39.1 | 57.8               | -23.9 62.6 | 337               | 0.114 | 0.0              | 1.0 | 27.6               | 30.8 | -43.8 53.6        | 305 | 0.583              | 0.0 | 1.0               | 0.113 | 0.0          | 1.0 | 27.6         | 30.7 | -43.9 53.6   | 304 | 0.583 | 0.0 | 1.0   |
| 338        | 306        | 305        | 0.6              | 0.0 | 1.0              | 39.6 | 58.6               | -23.2 63.0 | 338               | 0.127 | 0.0              | 1.0 | 27.9               | 31.5 | -43.3 53.7        | 306 | 0.6                | 0.0 | 1.0               | 0.124 | 0.0          | 1.0 | 27.9         | 31.4 | -43.4 53.7   | 305 | 0.6   | 0.0 | 1.0   |
| 339        | 307        | 306        | 0.616            | 0.0 | 1.0              | 40.0 | 59.4               | -22.5 63.5 | 339               | 0.148 | 0.0              | 1.0 | 28.3               | 32.4 | -42.8 53.8        | 307 | 0.617              | 0.0 | 1.0               | 0.144 | 0.0          | 1.0 | 28.2         | 32.2 | -42.9 53.7   | 306 | 0.617 | 0.0 | 1.0   |
| 340        | 308        | 307        | 0.633            | 0.0 | 1.0              | 40.4 | 60.2               | -21.7 64.0 | 340               | 0.17  | 0.0              | 1.0 | 28.6               | 33.2 | -42.3 53.8        | 308 | 0.633              | 0.0 | 1.0               | 0.165 | 0.0          | 1.0 | 28.5         | 33.0 | -42.5 53.8   | 307 | 0.633 | 0.0 | 1.0   |
| 341        | 309        | 308        | 0.65             | 0.0 | 1.0              | 40.8 | 61.2               | -20.9 64.7 | 341               | 0.191 | 0.0              | 1.0 | 29.0               | 33.9 | -41.8 53.9        | 309 | 0.65               | 0.0 | 1.0               | 0.185 | 0.0          | 1.0 | 28.9         | 33.7 | -42.0 53.9   | 308 | 0.65  | 0.0 | 1.0   |
| 342        | 310        | 309        | 0.666            | 0.0 | 1.0              | 41.2 | 62.1               | -20.1 65.3 | 342               | 0.213 | 0.0              | 1.0 | 29.3               | 34.7 | -41.3 54.0        | 310 | 0.667              | 0.0 | 1.0               | 0.205 | 0.0          | 1.0 | 29.2         | 34.5 | -41.5 54.0   | 309 | 0.667 | 0.0 | 1.0   |
| 342        | 311        | 310        | 0.683            | 0.0 | 1.0              | 41.6 | 63.1               | -19.3 66.0 | 342               | 0.234 | 0.0              | 1.0 | 29.7               | 35.5 | -40.7 54.1        | 311 | 0.683              | 0.0 | 1.0               | 0.225 | 0.0          | 1.0 | 29.6         | 35.2 | -41.0 54.1   | 310 | 0.683 | 0.0 | 1.0   |
| 343        | 312        | 311        | 0.7              | 0.0 | 1.0              | 42.1 | 64.0               | -18.4 66.6 | 343               | 0.252 | 0.0              | 1.0 | 30.0               | 36.3 | -40.2 54.2        | 312 | 0.7                | 0.0 | 1.0               | 0.246 | 0.0          | 1.0 | 29.9         | 35.9 | -40.4 54.2   | 311 | 0.7   | 0.0 | 1.0   |
| 344        | 313        | 312        | 0.716            | 0.0 | 1.0              | 42.5 | 64.9               | -17.5 67.3 | 344               | 0.261 | 0.0              | 1.0 | 30.3               | 37.2 | -39.7 54.5        | 313 | 0.717              | 0.0 | 1.0               | 0.257 | 0.0          | 1.0 | 30.2         | 36.7 | -40.0 54.4   | 312 | 0.717 | 0.0 | 1.0   |
| 345        | 314        | 313        | 0.733            | 0.0 | 1.0              | 42.9 | 65.8               | -16.6 67.9 | 345               | 0.27  | 0.0              | 1.0 | 30.6               | 38.0 | -39.3 54.7        | 314 | 0.733              | 0.0 | 1.0               | 0.265 | 0.0          | 1.0 | 30.4         | 37.5 | -39.5 54.6   | 313 | 0.733 | 0.0 | 1.0   |
| 346        | 315        | 314        | 0.75             | 0.0 | 1.0              | 43.3 | 66.7               | -15.7 68.5 | 346               | 0.279 | 0.0              | 1.0 | 30.8               | 38.9 | -38.8 55.0        | 315 | 0.75               | 0.0 | 1.0               | 0.273 | 0.0          | 1.0 | 30.7         | 38.3 | -39.1 54.8   | 314 | 0.75  | 0.0 | 1.0   |
| 347        | 316        | 315        | 0.766            | 0.0 | 1.0              | 43.6 | 67.3               | -15.2 69.0 | 347               | 0.287 | 0.0              | 1.0 | 31.1               | 39.7 | -38.2 55.2        | 316 | 0.767              | 0.0 | 1.0               | 0.282 | 0.0          | 1.0 | 30.9         | 39.1 | -38.6 55.0   | 315 | 0.767 | 0.0 | 1.0   |
| 347        | 317        | 316        | 0.783            | 0.0 | 1.0              | 44.0 | 67.8               | -14.7 69.4 | 347               | 0.296 | 0.0              | 1.0 | 31.4               | 40.5 | -37.7 55.4        | 317 | 0.783              | 0.0 | 1.0               | 0.29  | 0.0          | 1.0 | 31.2         | 39.9 | -38.1 55.3   | 316 | 0.783 | 0.0 | 1.0   |
| 348        | 318        | 317        | 0.8              | 0.0 | 1.0              | 44.3 | 68.3               | -14.2 69.8 | 348               | 0.305 | 0.0              | 1.0 | 31.7               | 41.4 | -37.2 55.7        | 318 | 0.8                | 0.0 | 1.0               | 0.298 | 0.0          | 1.0 | 31.4         | 40.7 | -37.6 55.5   | 317 | 0.8   | 0.0 | 1.0   |
| 348        | 319        | 318        | 0.816            | 0.0 | 1.0              | 44.7 | 68.8               | -13.7 70.2 | 348               | 0.314 | 0.0              | 1.0 | 31.9               | 42.2 | -36.6 55.9        | 319 | 0.817              | 0.0 | 1.0               | 0.307 | 0.0          | 1.0 | 31.7         | 41.5 | -37.1 55.7   | 318 | 0.817 | 0.0 | 1.0   |
| 349        | 320        | 319        | 0.833            | 0.0 | 1.0              | 45.0 | 69.4               | -13.2 70.6 | 349               | 0.323 | 0.0              | 1.0 | 32.2               | 43.0 | -36.0 56.2        | 320 | 0.833              | 0.0 | 1.0               | 0.315 | 0.0          | 1.0 | 32.0         | 42.3 | -36.5 55.9   | 319 | 0.833 | 0.0 | 1.0   |
| 349        | 321        | 320        | 0.85             | 0.0 | 1.0              | 45.4 | 69.9               | -12.7 71.0 | 349               | 0.331 | 0.0              | 1.0 | 32.5               | 43.8 | -35.4 56.4        | 321 | 0.85               | 0.0 | 1.0               | 0.323 | 0.0          | 1.0 | 32.2         | 43.1 | -36.0 56.2   | 320 | 0.85  | 0.0 | 1.0   |
| 350        | 322        | 321        | 0.866            | 0.0 | 1.0              | 45.7 | 70.4               | -12.2 71.5 | 350               | 0.34  | 0.0              | 1.0 | 32.7               | 44.6 | -34.8 56.6        | 322 | 0.867              | 0.0 | 1.0               | 0.332 | 0.0          | 1.0 | 32.5         | 43.9 | -35.4 56.4   | 321 | 0.867 | 0.0 | 1.0   |
| 350        | 323        | 321        | 0.883            | 0.0 | 1.0              | 46.0 | 70.9               | -11.8 71.9 | 350               | 0.349 | 0.0              | 1.0 | 33.0               | 45.4 | -34.1 56.9        | 323 | 0.883              | 0.0 | 1.0               | 0.34  | 0.0          | 1.0 | 32.7         | 44.6 | -34.8 56.6   | 321 | 0.883 | 0.0 | 1.0   |
| 350        | 324        | 322        | 0.9              | 0.0 | 1.0              | 46.3 | 71.4               | -11.3 72.3 | 350               | 0.358 | 0.0              | 1.0 | 33.3               | 46.2 | -33.5 57.1        | 324 | 0.9                | 0.0 | 1.0               | 0.348 | 0.0          | 1.0 | 33.0         | 45.4 | -34.2 56.9   | 322 | 0.9   | 0.0 | 1.0   |
| 351        | 325        | 323        | 0.916            | 0.0 | 1.0              | 46.7 | 71.8               | -10.9 72.7 | 351               | 0.366 | 0.0              | 1.0 | 33.5               | 47.0 | -32.8 57.4        | 325 | 0.917              | 0.0 | 1.0               | 0.357 | 0.0          | 1.0 | 33.2         | 46.1 | -33.6 57.1   | 323 | 0.917 | 0.0 | 1.0   |
| 351        | 326        | 324        | 0.933            | 0.0 | 1.0              | 47.0 | 72.3               | -10.5 73.1 | 351               | 0.375 | 0.0              | 1.0 | 33.8               | 47.8 | -32.1 57.6        | 326 | 0.933              | 0.0 | 1.0               | 0.365 | 0.0          | 1.0 | 33.5         | 46.8 | -32.9 57.3   | 324 | 0.933 | 0.0 | 1.0   |
| 352        | 327        | 325        | 0.95             | 0.0 | 1.0              | 47.3 | 72.8               | -10.1 73.5 | 352               | 0.393 | 0.0              | 1.0 | 34.3               | 48.6 | -31.5 58.0        | 327 | 0.95               | 0.0 | 1.0               | 0.373 | 0.0          | 1.0 | 33.7         | 47.6 | -32.3 57.5   | 325 | 0.95  | 0.0 | 1.0   |
| 352        | 328        | 326        | 0.966            | 0.0 | 1.0              | 47.6 | 73.2               | -9.6 73.9  | 352               | 0.41  | 0.0              | 1.0 | 34.7               | 49.5 | -30.8 58.4        | 328 | 0.967              | 0.0 | 1.0               | 0.388 | 0.0          | 1.0 | 34.1         | 48.4 | -31.7 57.9   | 326 | 0.967 | 0.0 | 1.0   |
| 352        | 329        | 327        | 0.983            | 0.0 | 1.0              | 47.9 | 73.7               | -9.2 74.3  | 352               | 0.427 | 0.0              | 1.0 | 35.2               | 50.4 | -30.2 58.8        | 329 | 0.983              | 0.0 | 1.0               | 0.404 | 0.0          | 1.0 | 34.6         | 49.2 | -31.1 58.2   | 327 | 0.983 | 0.0 | 1.0   |
| 353        | 330        | 328        | 1.0              | 0.0 | 1.0              | 48.2 | 74.2               | -8.7 74.7  | 353               | 0.444 | 0.0              | 1.0 | 35.6               | 51.2 | -29.5 59.1        | 330 | 1.0                | 0.0 | 1.0               | 0.42  | 0.0          | 1.0 | 35.0         | 50.0 | -30.4 58.6   | 328 | 1.0   | 0.0 | 1.0   |
| 353        | 331        | 329        | 1.0              | 0.0 | 0.983            | 48.2 | 74.0               | -8.2 74.5  | 353               | 0.461 | 0.0              | 1.0 | 36.1               | 52.1 | -28.8 59.5        | 331 | 1.0                | 0.0 | 0.983             | 0.436 | 0.0          | 1.0 | 35.4         | 50.8 | -29.8 59.0   | 329 | 1.0   | 0.0 | 0.983 |
| 354        | 332        | 330        | 1.0              | 0.0 | 0.966            | 48.2 | 73.9               | -7.7 74.3  | 354               | 0.478 | 0.0              | 1.0 | 36.5               | 52.9 | -28.0 59.9        | 332 | 1.0                | 0.0 | 0.967             | 0.452 | 0.0          | 1.0 | 35.8         | 51.7 | -29.1 59.3   | 330 | 1.0   | 0.0 | 0.967 |
| 354        | 333        | 331        | 1.0              | 0.0 | 0.95             | 48.2 | 73.8               | -7.2 74.1  | 354               | 0.495 | 0.0              | 1.0 | 37.0               | 53.7 | -27.3 60.3        | 333 | 1.0                | 0.0 | 0.95              | 0.469 | 0.0          | 1.0 | 36.3         | 52.4 | -28.4 59.7   | 331 | 1.0   | 0.0 | 0.95  |
| 354        | 334        | 332        | 1.0              | 0.0 | 0.933            | 48.2 | 73.6               | -6.7 73.9  | 354               | 0.514 | 0.0              | 1.0 | 37.4               | 54.6 | -26.5 60.8        | 334 | 1.0                | 0.0 | 0.933             | 0.485 | 0.0          | 1.0 | 36.7         | 53.2 | -27.7 60.1   | 332 | 1.0   | 0.0 | 0.933 |
| 355        | 335        | 333        | 1.0              | 0.0 | 0.916            | 48.2 | 73.5               | -6.2 73.8  | 355               | 0.534 | 0.0              | 1.0 | 37.9               | 55.6 | -25.8 61.3        | 335 | 1.0                | 0.0 | 0.917             | 0.501 | 0.0          | 1.0 | 37.1         | 54.0 | -27.0 60.4   | 333 | 1.0   | 0.0 | 0.917 |
| 355        | 336        | 334        | 1.0              | 0.0 | 0.9              | 48.2 | 7                  |            |                   |       |                  |     |                    |      |                   |     |                    |     |                   |       |              |     |              |      |              |     |       |     |       |



Data of Maximum color M in colorimetric system Offset standard print; separation cmyn6\*, D65 for input or output; Six hue angles of the 60 degree standard colours  $RYGCBM_c$ :  $h_{ab,ds} = 30.0, 90.0, 150.0, 210.0, 270.0, 330.0$ ;  
Six hue angles of the device colours  $RYGCBM_d$ :  $h_{ab,d} = 30.4, 96.1, 161.6, 234.7, 295.7, 353.2$ ; Six hue angles of the elementary colours  $RYGCBM_e$ :  $h_{ab,e} = 25.5, 92.3, 162.2, 217.0, 271.7, 328.6$

| Six hue angles of the device colours RYGBCM <sub>d</sub> : $h_{abd} = 30.4, 96.1, 161.6, 234.7, 295.7, 353.2$ ; Six hue angles of the elementary colours RYGBCM <sub>e</sub> : $h_{abe} = 25.5, 92.3, 162.2, 217.0, 271.7, 328.6$ |            |            |                  |                  |                           |                   |                            |                   |                   |                             |                   |              |              |              |      |       |      |     |     |     |       |      |      |      |      |     |       |     |       |      |      |       |      |     |     |     |       |      |      |      |      |     |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------|------------|------------------|------------------|---------------------------|-------------------|----------------------------|-------------------|-------------------|-----------------------------|-------------------|--------------|--------------|--------------|------|-------|------|-----|-----|-----|-------|------|------|------|------|-----|-------|-----|-------|------|------|-------|------|-----|-----|-----|-------|------|------|------|------|-----|
| $h_{ab,d}$                                                                                                                                                                                                                        | $h_{ab,s}$ | $h_{ab,e}$ | $rgb^*_{dd361M}$ | $LAB^*_{d361Mi}$ | $LAB^*_{d361Mi}(x=LabCh)$ | $rgb^*_{ds361Mi}$ | $LAB^*_{ds361Mi}(x=LabCh)$ | $rgb^*_{dd361Mi}$ | $rgb^*_{de361Mi}$ | $LAB^*_{dex361Mi}(x=LabCh)$ | $rgb^*_{dd361Mi}$ | $rgb^*_{dd}$ | $rgb^*_{ds}$ | $rgb^*_{de}$ |      |       |      |     |     |     |       |      |      |      |      |     |       |     |       |      |      |       |      |     |     |     |       |      |      |      |      |     |
| 359                                                                                                                                                                                                                               | 345        | 342        | 1.0              | 0.0              | 0.75                      | 48.1              | 72.1                       | -0.7              | 72.1              | 359                         | 0.719             | 0.0          | 1.0          | 42.6         | 65.1 | -17.3 | 67.4 | 345 | 1.0 | 0.0 | 0.75  | 48.1 | 72.1 | -0.7 | 72.1 | 359 | 0.719 | 0.0 | 1.0   | 42.6 | 65.1 | -17.3 | 67.4 | 345 | 1.0 | 0.0 | 0.75  | 48.1 | 72.1 | -0.7 | 72.1 | 359 |
| 359                                                                                                                                                                                                                               | 346        | 343        | 1.0              | 0.0              | 0.733                     | 48.1              | 71.9                       | 0.0               | 71.9              | 359                         | 0.737             | 0.0          | 1.0          | 43.0         | 66.1 | -16.4 | 68.1 | 346 | 1.0 | 0.0 | 0.733 | 48.1 | 71.9 | 0.0  | 71.9 | 359 | 0.737 | 0.0 | 1.0   | 43.0 | 66.1 | -16.4 | 68.1 | 346 | 1.0 | 0.0 | 0.733 | 48.1 | 71.9 | 0.0  | 71.9 | 359 |
| 360                                                                                                                                                                                                                               | 347        | 344        | 1.0              | 0.0              | 0.716                     | 48.1              | 71.7                       | 0.7               | 71.7              | 360                         | 0.759             | 0.0          | 1.0          | 43.5         | 67.0 | -15.4 | 68.8 | 347 | 1.0 | 0.0 | 0.717 | 48.1 | 71.7 | 0.7  | 71.7 | 360 | 0.759 | 0.0 | 1.0   | 43.5 | 67.0 | -15.4 | 68.8 | 347 | 1.0 | 0.0 | 0.717 | 48.1 | 71.7 | 0.7  | 71.7 | 360 |
| 361                                                                                                                                                                                                                               | 348        | 345        | 1.0              | 0.0              | 0.7                       | 48.1              | 71.6                       | 1.5               | 71.6              | 361                         | 0.793             | 0.0          | 1.0          | 44.2         | 68.2 | -14.4 | 69.7 | 348 | 1.0 | 0.0 | 0.7   | 48.1 | 71.6 | 1.5  | 71.6 | 361 | 0.793 | 0.0 | 1.0   | 44.2 | 68.2 | -14.4 | 69.7 | 348 | 1.0 | 0.0 | 0.7   | 48.1 | 71.6 | 1.5  | 71.6 | 361 |
| 361                                                                                                                                                                                                                               | 349        | 346        | 1.0              | 0.0              | 0.683                     | 48.1              | 71.4                       | 2.3               | 71.4              | 361                         | 0.828             | 0.0          | 1.0          | 45.0         | 69.2 | -13.4 | 70.5 | 349 | 1.0 | 0.0 | 0.683 | 48.1 | 71.4 | 2.3  | 71.4 | 361 | 0.828 | 0.0 | 1.0   | 45.0 | 69.2 | -13.4 | 70.5 | 349 | 1.0 | 0.0 | 0.683 | 48.1 | 71.4 | 2.3  | 71.4 | 361 |
| 362                                                                                                                                                                                                                               | 350        | 347        | 1.0              | 0.0              | 0.666                     | 48.1              | 71.2                       | 3.0               | 71.3              | 362                         | 0.863             | 0.0          | 1.0          | 45.7         | 70.3 | -12.3 | 71.4 | 350 | 1.0 | 0.0 | 0.667 | 48.1 | 71.2 | 3.0  | 71.3 | 362 | 0.863 | 0.0 | 1.0   | 45.7 | 70.3 | -12.3 | 71.4 | 350 | 1.0 | 0.0 | 0.667 | 48.1 | 71.2 | 3.0  | 71.3 | 362 |
| 363                                                                                                                                                                                                                               | 351        | 348        | 1.0              | 0.0              | 0.65                      | 48.0              | 71.0                       | 3.8               | 71.1              | 363                         | 0.903             | 0.0          | 1.0          | 46.4         | 71.5 | -11.2 | 72.4 | 351 | 1.0 | 0.0 | 0.65  | 48.0 | 71.0 | 3.8  | 71.1 | 363 | 0.903 | 0.0 | 1.0   | 46.4 | 71.5 | -11.2 | 72.4 | 351 | 1.0 | 0.0 | 0.65  | 48.0 | 71.0 | 3.8  | 71.1 | 363 |
| 363                                                                                                                                                                                                                               | 352        | 349        | 1.0              | 0.0              | 0.633                     | 48.0              | 70.8                       | 4.5               | 71.0              | 363                         | 0.946             | 0.0          | 1.0          | 47.3         | 72.7 | -10.1 | 73.4 | 352 | 1.0 | 0.0 | 0.633 | 48.0 | 70.8 | 4.5  | 71.0 | 363 | 0.946 | 0.0 | 1.0   | 47.3 | 72.7 | -10.1 | 73.4 | 352 | 1.0 | 0.0 | 0.633 | 48.0 | 70.8 | 4.5  | 71.0 | 363 |
| 364                                                                                                                                                                                                                               | 353        | 350        | 1.0              | 0.0              | 0.616                     | 48.0              | 70.7                       | 5.3               | 70.9              | 364                         | 0.99              | 0.0          | 1.0          | 48.1         | 73.9 | -9.0  | 74.5 | 353 | 1.0 | 0.0 | 0.617 | 48.0 | 70.7 | 5.3  | 70.9 | 364 | 0.99  | 0.0 | 1.0   | 48.1 | 73.9 | -9.0  | 74.5 | 353 | 1.0 | 0.0 | 0.617 | 48.0 | 70.7 | 5.3  | 70.9 | 364 |
| 365                                                                                                                                                                                                                               | 354        | 351        | 1.0              | 0.0              | 0.6                       | 48.0              | 70.5                       | 6.2               | 70.8              | 365                         | 1.0               | 0.0          | 0.967        | 48.2         | 74.0 | -7.7  | 74.4 | 354 | 1.0 | 0.0 | 0.6   | 48.0 | 70.5 | 6.2  | 70.8 | 365 | 1.0   | 0.0 | 0.967 | 48.2 | 74.0 | -7.7  | 74.4 | 354 | 1.0 | 0.0 | 0.6   | 48.0 | 70.5 | 6.2  | 70.8 | 365 |
| 365                                                                                                                                                                                                                               | 355        | 352        | 1.0              | 0.0              | 0.583                     | 48.0              | 70.4                       | 7.1               | 70.8              | 365                         | 1.0               | 0.0          | 0.924        | 48.2         | 73.6 | -6.3  | 73.9 | 355 | 1.0 | 0.0 | 0.583 | 48.0 | 70.4 | 7.1  | 70.8 | 365 | 1.0   | 0.0 | 0.924 | 48.2 | 73.6 | -6.3  | 73.9 | 355 | 1.0 | 0.0 | 0.583 | 48.0 | 70.4 | 7.1  | 70.8 | 365 |
| 366                                                                                                                                                                                                                               | 356        | 353        | 1.0              | 0.0              | 0.566                     | 47.9              | 70.3                       | 7.9               | 70.7              | 366                         | 1.0               | 0.0          | 0.881        | 48.2         | 73.2 | -5.0  | 73.4 | 356 | 1.0 | 0.0 | 0.567 | 47.9 | 70.3 | 7.9  | 70.7 | 366 | 1.0   | 0.0 | 0.881 | 48.2 | 73.2 | -5.0  | 73.4 | 356 | 1.0 | 0.0 | 0.567 | 47.9 | 70.3 | 7.9  | 70.7 | 366 |
| 367                                                                                                                                                                                                                               | 357        | 354        | 1.0              | 0.0              | 0.55                      | 47.9              | 70.1                       | 8.8               | 70.7              | 367                         | 1.0               | 0.0          | 0.842        | 48.2         | 72.9 | -3.7  | 73.0 | 357 | 1.0 | 0.0 | 0.55  | 47.9 | 70.1 | 8.8  | 70.7 | 367 | 1.0   | 0.0 | 0.842 | 48.2 | 72.9 | -3.7  | 73.0 | 357 | 1.0 | 0.0 | 0.55  | 47.9 | 70.1 | 8.8  | 70.7 | 367 |
| 367                                                                                                                                                                                                                               | 358        | 355        | 1.0              | 0.0              | 0.533                     | 47.9              | 70.0                       | 9.6               | 70.7              | 367                         | 1.0               | 0.0          | 0.803        | 48.2         | 72.6 | -2.4  | 72.6 | 358 | 1.0 | 0.0 | 0.533 | 47.9 | 70.0 | 9.6  | 70.7 | 367 | 1.0   | 0.0 | 0.803 | 48.2 | 72.6 | -2.4  | 72.6 | 358 | 1.0 | 0.0 | 0.533 | 47.9 | 70.0 | 9.6  | 70.7 | 367 |
| 368                                                                                                                                                                                                                               | 359        | 356        | 1.0              | 0.0              | 0.516                     | 47.8              | 69.8                       | 10.5              | 70.6              | 368                         | 1.0               | 0.0          | 0.765        | 48.1         | 72.2 | -1.2  | 72.2 | 359 | 1.0 | 0.0 | 0.517 | 47.8 | 69.8 | 10.5 | 70.6 | 368 | 1.0   | 0.0 | 0.765 | 48.1 | 72.2 | -1.2  | 72.2 | 359 | 1.0 | 0.0 | 0.517 | 47.8 | 69.8 | 10.5 | 70.6 | 368 |
| 369                                                                                                                                                                                                                               | 360        | 352        | 1.0              | 0.0              | 0.5                       | 47.8              | 69.7                       | 11.3              | 70.6              | 369                         | 1.0               | 0.0          | 0.733        | 48.1         | 71.9 | 0.0   | 71.9 | 360 | 1.0 | 0.0 | 0.5   | 47.8 | 69.7 | 11.3 | 70.6 | 369 | 1.0   | 0.0 | 0.733 | 48.1 | 71.9 | 0.0   | 71.9 | 360 | 1.0 | 0.0 | 0.5   | 47.8 | 69.7 | 11.3 | 70.6 | 369 |
| 370                                                                                                                                                                                                                               | 361        | 353        | 1.0              | 0.0              | 0.483                     | 47.8              | 69.5                       | 12.3              | 70.6              | 370                         | 1.0               | 0.0          | 0.706        | 48.1         | 71.7 | 1.3   | 71.7 | 361 | 1.0 | 0.0 | 0.483 | 47.8 | 69.5 | 12.3 | 70.6 | 370 | 1.0   | 0.0 | 0.706 | 48.1 | 71.7 | 1.3   | 71.7 | 361 | 1.0 | 0.0 | 0.483 | 47.8 | 69.5 | 12.3 | 70.6 | 370 |
| 370                                                                                                                                                                                                                               | 362        | 354        | 1.0              | 0.0              | 0.466                     | 47.8              | 69.3                       | 13.2              | 70.6              | 370                         | 1.0               | 0.0          | 0.679        | 48.1         | 71.4 | 2.5   | 71.4 | 362 | 1.0 | 0.0 | 0.467 | 47.8 | 69.3 | 13.2 | 70.6 | 370 | 1.0   | 0.0 | 0.679 | 48.1 | 71.4 | 2.5   | 71.4 | 362 | 1.0 | 0.0 | 0.467 | 47.8 | 69.3 | 13.2 | 70.6 | 370 |
| 371                                                                                                                                                                                                                               | 363        | 355        | 1.0              | 0.0              | 0.45                      | 47.8              | 69.1                       | 14.1              | 70.6              | 371                         | 1.0               | 0.0          | 0.652        | 48.1         | 71.1 | 3.7   | 71.2 | 363 | 1.0 | 0.0 | 0.45  | 47.8 | 69.1 | 14.1 | 70.6 | 371 | 1.0   | 0.0 | 0.652 | 48.1 | 71.1 | 3.7   | 71.2 | 363 | 1.0 | 0.0 | 0.45  | 47.8 | 69.1 | 14.1 | 70.6 | 371 |
| 372                                                                                                                                                                                                                               | 364        | 356        | 1.0              | 0.0              | 0.433                     | 47.8              | 69.0                       | 15.0              | 70.6              | 372                         | 1.0               | 0.0          | 0.625        | 48.1         | 70.8 | 4.9   | 70.9 | 364 | 1.0 | 0.0 | 0.433 | 47.8 | 69.0 | 15.0 | 70.6 | 372 | 1.0   | 0.0 | 0.625 | 48.1 | 70.8 | 4.9   | 70.9 | 364 | 1.0 | 0.0 | 0.433 | 47.8 | 69.0 | 15.0 | 70.6 | 372 |
| 373                                                                                                                                                                                                                               | 365        | 357        | 1.0              | 0.0              | 0.416                     | 47.8              | 68.8                       | 16.0              | 70.6              | 373                         | 1.0               | 0.0          | 0.602        | 48.0         | 70.6 | 6.2   | 70.9 | 365 | 1.0 | 0.0 | 0.417 | 47.8 | 68.8 | 16.0 | 70.6 | 373 | 1.0   | 0.0 | 0.602 | 48.0 | 70.6 | 6.2   | 70.9 | 365 | 1.0 | 0.0 | 0.417 | 47.8 | 68.8 | 16.0 | 70.6 | 373 |
| 373                                                                                                                                                                                                                               | 366        | 358        | 1.0              | 0.0              | 0.4                       | 47.8              | 68.5                       | 16.9              | 70.6              | 373                         | 1.0               | 0.0          | 0.578        | 48.0         | 70.4 | 7.4   | 70.8 | 366 | 1.0 | 0.0 | 0.4   | 47.8 | 68.5 | 16.9 | 70.6 | 373 | 1.0   | 0.0 | 0.578 | 48.0 | 70.4 | 7.4   | 70.8 | 366 | 1.0 | 0.0 | 0.4   | 47.8 | 68.5 | 16.9 | 70.6 | 373 |
| 374                                                                                                                                                                                                                               | 367        | 359        | 1.0              | 0.0              | 0.383                     | 47.8              | 68.3                       | 17.8              | 70.6              | 374                         | 1.0               | 0.0          | 0.554        | 47.9         | 70.2 | 8.6   | 70.8 | 367 | 1.0 | 0.0 | 0.383 | 47.8 | 68.3 | 17.8 | 70.6 | 374 | 1.0   | 0.0 | 0.554 | 47.9 | 70.2 | 8.6   | 70.8 | 367 | 1.0 | 0.0 | 0.383 | 47.8 | 68.3 | 17.8 | 70.6 | 374 |
| 375                                                                                                                                                                                                                               | 368        | 360        | 1.0              | 0.0              | 0.366                     | 47.8              | 68.1                       | 18.7              | 70.7              | 375                         | 1.0               | 0.0          | 0.53         | 47.9         | 70.0 | 9.8   | 70.7 | 368 | 1.0 | 0.0 | 0.367 | 47.8 | 68.1 | 18.7 | 70.7 | 375 | 1.0   | 0.0 | 0.53  | 47.9 | 70.0 | 9.8   | 70.7 | 368 | 1.0 | 0.0 | 0.367 | 47.8 | 68.1 | 18.7 | 70.7 | 375 |
| 376                                                                                                                                                                                                                               | 369        | 362        | 1.0              | 0.0              | 0.35                      | 47.8              | 68.0                       | 19.7              | 70.8              | 376                         | 1.0               | 0.0          | 0.506        | 47.8         | 69.8 | 11.1  | 70.6 | 369 | 1.0 | 0.0 | 0.35  | 47.8 | 68.0 | 19.7 | 70.8 | 376 | 1.0   | 0.0 | 0.506 | 47.8 | 69.8 | 11.1  | 70.6 | 369 | 1.0 | 0.0 | 0.35  | 47.8 | 68.0 | 19.7 | 70.8 | 376 |
| 376                                                                                                                                                                                                                               | 370        | 363        | 1.0              | 0.0              | 0.333                     | 47.8              | 67.9                       | 20.7              | 70.9              | 376                         | 1.0               | 0.0          | 0.484        | 47.8         | 69.6 | 12.3  | 70.6 | 370 | 1.0 | 0.0 | 0.333 | 47.8 | 67.9 | 20.7 | 70.9 | 376 | 1.0   | 0.0 | 0.484 | 47.8 | 69.6 | 12.3  | 70.6 | 370 | 1.0 | 0.0 | 0.333 | 47.8 | 67.9 | 20.7 | 70.9 | 376 |
| 377                                                                                                                                                                                                                               | 371        | 364        | 1.0              | 0.0              | 0.316                     | 47.8              | 67.7                       | 21.6</            |                   |                             |                   |              |              |              |      |       |      |     |     |     |       |      |      |      |      |     |       |     |       |      |      |       |      |     |     |     |       |      |      |      |      |     |

http://130.149.60.45/~farbmetrik/SI15/SI15L0FP.PDF /.PS; 3D-linearizzazzone  
F: 3D-linearizzazzone SI15/SI15LI30FP.DAT nel file (F), pagina 18/33

| n/f    | HIC*F <sub>de</sub>        | rgb_F <sub>de</sub> | ict_F <sub>de</sub> | hsi_F <sub>de</sub> | rgb*F <sub>de</sub> | LabCh*F <sub>de</sub> | cmyn*sep,F <sub>de</sub> | hsi_M <sub>de</sub> | rgb*M <sub>de</sub> | LabCh*M <sub>de</sub> |            |
|--------|----------------------------|---------------------|---------------------|---------------------|---------------------|-----------------------|--------------------------|---------------------|---------------------|-----------------------|------------|
| 0/648  | R00Y_100_100 <sub>de</sub> | 1.0 0.0 0.0         | 1.0 1.0 0.5         | 390                 | 1.0 0.0 0.131       | 47.6 66.3 31.6        | 73.4 25.4                | 0.0 1.0 0.867       | 0.0                 | 47.6 66.3 31.6        | 73.4 25.4  |
| 1/657  | R13Y_100_100 <sub>de</sub> | 1.0 0.125 0.0       | 1.0 1.0 0.5         | 37                  | 1.0 0.052 0.0       | 49.2 61.9 40.6        | 74.0 33.2                | 0.0 0.947 1.0       | 0.0                 | 49.2 61.9 40.6        | 74.0 33.2  |
| 2/666  | R25Y_100_100 <sub>de</sub> | 1.0 0.25 0.0        | 1.0 1.0 0.5         | 44                  | 1.0 0.172 0.0       | 53.4 52.6 45.8        | 69.7 41.0                | 0.0 0.826 1.0       | 0.0                 | 53.4 52.6 45.8        | 69.7 41.0  |
| 3/675  | R38Y_100_100 <sub>de</sub> | 1.0 0.375 0.0       | 1.0 1.0 0.5         | 52                  | 1.0 0.28 0.0        | 58.0 43.1 51.4        | 67.1 49.9                | 0.0 0.718 1.0       | 0.0                 | 58.0 43.1 51.4        | 67.1 49.9  |
| 4/684  | R50Y_100_100 <sub>de</sub> | 1.0 0.5 0.0         | 1.0 1.0 0.5         | 60                  | 1.0 0.378 0.0       | 62.5 34.1 56.6        | 66.1 58.8                | 0.0 0.62 1.0        | 0.0                 | 62.5 34.1 56.6        | 66.1 58.8  |
| 5/693  | R63Y_100_100 <sub>de</sub> | 1.0 0.625 0.0       | 1.0 1.0 0.5         | 68                  | 1.0 0.484 0.0       | 67.3 25.4 62.3        | 67.2 67.8                | 0.0 0.513 1.0       | 0.0                 | 67.3 25.4 62.3        | 67.2 67.8  |
| 6/702  | R75Y_100_100 <sub>de</sub> | 1.0 0.75 0.0        | 1.0 1.0 0.5         | 76                  | 1.0 0.584 0.0       | 72.7 16.2 69.0        | 70.9 76.7                | 0.0 0.415 1.0       | 0.0                 | 72.7 16.2 69.0        | 70.9 76.7  |
| 7/711  | R88Y_100_100 <sub>de</sub> | 1.0 0.875 0.0       | 1.0 1.0 0.5         | 83                  | 1.0 0.698 0.0       | 78.2 7.2 75.5         | 75.8 84.5                | 0.0 0.302 1.0       | 0.0                 | 78.2 7.2 75.5         | 75.8 84.5  |
| 8/720  | Y00G_100_100 <sub>de</sub> | 1.0 1.0 0.0         | 1.0 1.0 0.5         | 90                  | 1.0 0.868 0.0       | 85.1 -3.3 83.7        | 83.7 92.3                | 0.0 0.132 1.0       | 0.0                 | 85.1 -3.3 83.7        | 83.7 92.3  |
| 9/639  | Y13G_100_100 <sub>de</sub> | 0.875 1.0 0.0       | 1.0 1.0 0.5         | 97                  | 0.841 1.0 0.0       | 85.9 -15.0 81.2       | 82.6 100.4               | 0.159 0.0 1.0       | 0.0                 | 85.9 -15.0 81.2       | 82.6 100.4 |
| 10/558 | Y25G_100_100 <sub>de</sub> | 0.75 1.0 0.0        | 1.0 1.0 0.5         | 104                 | 0.615 1.0 0.0       | 77.6 -23.7 70.5       | 74.4 108.6               | 0.385 0.0 1.0       | 0.0                 | 77.6 -23.7 70.5       | 74.4 108.6 |
| 11/477 | Y38G_100_100 <sub>de</sub> | 0.625 1.0 0.0       | 1.0 1.0 0.5         | 112                 | 0.476 1.0 0.0       | 72.3 -31.5 59.4       | 67.2 117.9               | 0.521 0.0 1.0       | 0.0                 | 72.3 -31.5 59.4       | 67.2 117.9 |
| 12/396 | Y50G_100_100 <sub>de</sub> | 0.5 1.0 0.0         | 1.0 1.0 0.5         | 120                 | 0.35 1.0 0.0        | 67.2 -38.9 51.1       | 64.2 127.2               | 0.648 0.0 1.0       | 0.0                 | 67.2 -38.9 51.1       | 64.2 127.2 |
| 13/315 | Y63G_100_100 <sub>de</sub> | 0.375 1.0 0.0       | 1.0 1.0 0.5         | 128                 | 0.265 1.0 0.0       | 61.8 -46.3 43.8       | 63.7 136.5               | 0.733 0.0 1.0       | 0.0                 | 61.8 -46.3 43.8       | 63.7 136.5 |
| 14/234 | Y75G_100_100 <sub>de</sub> | 0.25 1.0 0.0        | 1.0 1.0 0.5         | 136                 | 0.163 1.0 0.0       | 57.9 -53.6 36.3       | 64.8 145.9               | 0.836 0.0 1.0       | 0.0                 | 57.9 -53.6 36.3       | 64.8 145.9 |
| 15/153 | Y88G_100_100 <sub>de</sub> | 0.125 1.0 0.0       | 1.0 1.0 0.5         | 143                 | 0.076 1.0 0.0       | 54.7 -61.4 29.8       | 68.3 154.0               | 0.922 0.0 1.0       | 0.0                 | 54.7 -61.4 29.8       | 68.3 154.0 |
| 16/72  | G00C_100_100 <sub>de</sub> | 0.0 1.0 0.0         | 1.0 1.0 0.5         | 150                 | 0.0 1.0 0.011       | 51.7 -69.1 22.1       | 72.6 162.2               | 1.0 0.0 0.988       | 0.0                 | 51.7 -69.1 22.1       | 72.6 162.2 |
| 17/73  | G13C_100_100 <sub>de</sub> | 0.0 1.0 0.125       | 1.0 1.0 0.5         | 157                 | 0.0 1.0 0.129       | 52.4 -66.0 13.2       | 67.3 168.6               | 1.0 0.0 0.869       | 0.0                 | 52.4 -66.0 13.2       | 67.3 168.6 |
| 18/74  | G25C_100_100 <sub>de</sub> | 0.0 1.0 0.25        | 1.0 1.0 0.5         | 164                 | 0.0 1.0 0.23        | 52.9 -62.6 5.4        | 62.8 175.0               | 1.0 0.0 0.768       | 0.0                 | 52.9 -62.6 5.4        | 62.8 175.0 |
| 19/75  | G38C_100_100 <sub>de</sub> | 0.0 1.0 0.375       | 1.0 1.0 0.5         | 172                 | 0.0 1.0 0.32        | 53.5 -59.1 -2.3       | 59.1 182.3               | 1.0 0.0 0.675       | 0.0                 | 53.5 -59.1 -2.3       | 59.1 182.3 |
| 20/76  | G50C_100_100 <sub>de</sub> | 0.0 1.0 0.5         | 1.0 1.0 0.5         | 180                 | 0.0 1.0 0.403       | 54.0 -55.4 -9.3       | 56.2 189.6               | 1.0 0.0 0.593       | 0.0                 | 54.0 -55.4 -9.3       | 56.2 189.6 |
| 21/77  | G63C_100_100 <sub>de</sub> | 0.0 1.0 0.625       | 1.0 1.0 0.5         | 188                 | 0.0 1.0 0.48        | 54.5 -51.9 -15.7      | 54.2 196.9               | 1.0 0.0 0.516       | 0.0                 | 54.5 -51.9 -15.7      | 54.2 196.9 |
| 22/78  | G75C_100_100 <sub>de</sub> | 0.0 1.0 0.75        | 1.0 1.0 0.5         | 196                 | 0.0 1.0 0.563       | 55.0 -48.5 -21.8      | 53.2 204.2               | 1.0 0.0 0.434       | 0.0                 | 55.0 -48.5 -21.8      | 53.2 204.2 |
| 23/79  | G88C_100_100 <sub>de</sub> | 0.0 1.0 0.875       | 1.0 1.0 0.5         | 203                 | 0.0 1.0 0.637       | 55.5 -45.3 -26.7      | 52.6 210.5               | 1.0 0.0 0.363       | 0.0                 | 55.5 -45.3 -26.7      | 52.6 210.5 |
| 24/80  | C00B_100_100 <sub>de</sub> | 0.0 1.0 1.0         | 1.0 1.0 0.5         | 210                 | 0.0 1.0 0.712       | 56.3 -41.9 -31.5      | 52.4 216.9               | 1.0 0.0 0.286       | 0.0                 | 56.3 -41.9 -31.5      | 52.4 216.9 |
| 25/71  | C13B_100_100 <sub>de</sub> | 0.0 0.875 1.0       | 1.0 1.0 0.5         | 217                 | 0.0 1.0 0.803       | 56.9 -38.4 -36.3      | 52.9 223.3               | 1.0 0.0 0.196       | 0.0                 | 56.9 -38.4 -36.3      | 52.9 223.3 |
| 26/62  | C25B_100_100 <sub>de</sub> | 0.0 0.75 1.0        | 1.0 1.0 0.5         | 224                 | 0.0 1.0 0.912       | 57.4 -34.9 -41.3      | 54.1 229.7               | 1.0 0.0 0.087       | 0.0                 | 57.4 -34.9 -41.3      | 54.1 229.7 |
| 27/53  | C38B_100_100 <sub>de</sub> | 0.0 0.625 1.0       | 1.0 1.0 0.5         | 232                 | 0.0 0.926 1.0       | 56.1 -29.3 -45.3      | 54.0 237.0               | 1.0 0.0 0.073       | 0.0                 | 56.1 -29.3 -45.3      | 54.0 237.0 |
| 28/44  | C50B_100_100 <sub>de</sub> | 0.0 0.5 1.0         | 1.0 1.0 0.5         | 240                 | 0.0 0.744 1.0       | 51.1 -21.9 -45.6      | 50.6 244.3               | 1.0 0.257 0.0       | 0.0                 | 51.1 -21.9 -45.6      | 50.6 244.3 |
| 29/35  | C63B_100_100 <sub>de</sub> | 0.0 0.375 1.0       | 1.0 1.0 0.5         | 248                 | 0.0 0.613 1.0       | 46.8 -15.2 -46.0      | 48.5 251.6               | 0.999 0.386 0.0     | 0.0                 | 46.8 -15.2 -46.0      | 48.5 251.6 |
| 30/26  | C75B_100_100 <sub>de</sub> | 0.0 0.25 1.0        | 1.0 1.0 0.5         | 256                 | 0.0 0.519 1.0       | 43.1 -9.0 -46.3       | 47.2 258.9               | 0.999 0.477 0.0     | 0.0                 | 43.1 -9.0 -46.3       | 47.2 258.9 |
| 31/17  | C88B_100_100 <sub>de</sub> | 0.0 0.125 1.0       | 1.0 1.0 0.5         | 263                 | 0.0 0.438 1.0       | 39.8 -3.7 -46.5       | 46.7 265.3               | 1.0 0.557 0.0       | 0.0                 | 39.8 -3.7 -46.5       | 46.7 265.3 |
| 32/8   | B00M_100_100 <sub>de</sub> | 0.0 0.0 1.0         | 1.0 1.0 0.5         | 270                 | 0.0 0.358 1.0       | 36.7 1.4 -46.6        | 46.6 271.7               | 1.0 0.639 0.0       | 0.0                 | 36.7 1.4 -46.6        | 46.6 271.7 |
| 33/89  | B13M_100_100 <sub>de</sub> | 0.125 0.0 1.0       | 1.0 1.0 0.5         | 277                 | 0.0 0.274 1.0       | 33.6 6.9 -47.0        | 47.5 278.3               | 1.0 0.723 0.0       | 0.0                 | 33.6 6.9 -47.0        | 47.5 278.3 |
| 34/170 | B25M_100_100 <sub>de</sub> | 0.25 0.0 1.0        | 1.0 1.0 0.5         | 284                 | 0.0 0.185 1.0       | 30.3 12.7 -47.5       | 49.1 285.0               | 1.0 0.812 0.0       | 0.0                 | 30.3 12.7 -47.5       | 49.1 285.0 |
| 35/251 | B38M_100_100 <sub>de</sub> | 0.375 0.0 1.0       | 1.0 1.0 0.5         | 292                 | 0.0 0.061 1.0       | 26.5 19.9 -47.8       | 51.8 292.5               | 1.0 0.938 0.0       | 0.0                 | 26.5 19.9 -47.8       | 51.8 292.5 |
| 36/332 | B50M_100_100 <sub>de</sub> | 0.5 0.0 1.0         | 1.0 1.0 0.5         | 300                 | 0.055 0.0 1.0       | 26.2 26.8 -46.1       | 53.3 300.1               | 0.944 1.0 0.0       | 0.0                 | 26.2 26.8 -46.1       | 53.3 300.1 |
| 37/413 | B63M_100_100 <sub>de</sub> | 0.625 0.0 1.0       | 1.0 1.0 0.5         | 308                 | 0.164 0.0 1.0       | 28.5 32.9 -42.5       | 53.8 307.7               | 0.834 1.0 0.0       | 0.0                 | 28.5 32.9 -42.5       | 53.8 307.7 |
| 38/494 | B75M_100_100 <sub>de</sub> | 0.75 0.0 1.0        | 1.0 1.0 0.5         | 316                 | 0.281 0.0 1.0       | 30.9 39.1 -38.6       | 55.0 315.3               | 0.715 1.0 0.0       | 0.0                 | 30.9 39.1 -38.6       | 55.0 315.3 |
| 39/575 | B88M_100_100 <sub>de</sub> | 0.875 0.0 1.0       | 1.0 1.0 0.5         | 323                 | 0.339 0.0 1.0       | 32.7 44.6 -34.8       | 56.6 321.9               | 0.657 1.0 0.0       | 0.0                 | 32.7 44.6 -34.8       | 56.6 321.9 |
| 40/656 | M00R_100_100 <sub>de</sub> | 1.0 0.0 1.0         | 1.0 1.0 0.5         | 330                 | 0.42 0.0 1.0        | 34.9 50.0 -30.5       | 58.6 328.6               | 0.577 1.0 0.0       | 0.0                 | 34.9 50.0 -30.5       | 58.6 328.6 |
| 41/655 | M13R_100_100 <sub>de</sub> | 1.0 0.0 0.875       | 1.0 1.0 0.5         | 337                 | 0.538 0.0 1.0       | 38.0 55.7 -25.7       | 61.4 335.2               | 0.459 1.0 0.0       | 0.0                 | 38.0 55.7 -25.7       | 61.4 335.2 |
| 42/654 | M25R_100_100 <sub>de</sub> | 1.0 0.0 0.75        | 1.0 1.0 0.5         | 344                 | 0.663 0.0 1.0       | 41.2 62.0 -20.3       | 65.2 341.8               | 0.336 1.0 0.0       | 0.0                 | 41.2 62.0 -20.3       | 65.2 341.8 |
| 43/653 | M38R_100_100 <sub>de</sub> | 1.0 0.0 0.625       | 1.0 1.0 0.5         | 352                 | 0.843 0.0 1.0       | 45.2 69.7 -12.9       | 70.9 349.4               | 0.156 0.999 0.0     | 0.0                 | 45.2 69.7 -12.9       | 70.9 349.4 |
| 44/652 | M50R_100_100 <sub>de</sub> | 1.0 0.0 0.5         | 1.0 1.0 0.5         | 360                 | 0.948 0.0 1.0       | 47.3 72.7 -10.1       | 73.5 352.0               | 0.051 1.0 0.0       | 0.0                 | 47.3 72.7 -10.1       | 73.5 352.0 |
| 45/651 | M63R_100_100 <sub>de</sub> | 1.0 0.0 0.375       | 1.0 1.0 0.5         | 368                 | 1.0 0.0 0.706       | 48.1 71.6 1.2         | 71.7 0.9                 | 0.0 1.0 0.294       | 0.0                 | 48.1 71.6 1.2         | 71.7 0.9   |
| 46/650 | M75R_100_100 <sub>de</sub> | 1.0 0.0 0.25        | 1.0 1.0 0.5         | 376                 | 1.0 0.0 0.486       | 47.8 69.5 12.1        | 70.6 9.8                 | 0.0 1.0 0.511       | 0.0                 | 47.8 69.5 12.1        | 70.6 9.8   |
| 47/649 | M88R_100_100 <sub>de</sub> | 1.0 0.0 0.125       | 1.0 1.0 0.5         | 383                 | 1.0 0.0 0.317       | 47.8 67.7 21.6        | 71.1 17.6                | 0.0 1.0 0.68        | 0.0                 | 47.8 67.7 21.6        | 71.1 17.6  |
| 48/648 | R00Y_100_100 <sub>de</sub> | 1.0 0.0 0.0         | 1.0 1.0 0.5         | 390                 | 1.0 0.0 0.131       | 47.6 66.3 31.6        | 73.4 25.4                | 0.0 1.0 0.867       | 0.0                 | 47.6 66.3 31.6        | 73.4 25.4  |
| 49/0   | NW_000 <sub>de</sub>       | 0.0 0.0 0.0         | 0.0 0.0 0.0         | 360                 | 0.0 0.0 0.0         | 18.5 0.0 0.0          | 0.0 0.0                  | 0.0 0.0 1.0         | 0.0                 | 0.0 0.0 0.0           | 0.0 0.0    |
| 50/91  | NW_013 <sub>de</sub>       | 0.125 0.125 0.125   | 0.125 0.0 0.125     | 360                 | 0.125 0.125 0.125   | 28.2 0.0 0.0          | 0.0 0.0                  | 0.011 0.1 0.901     | 0.0                 | 0.125 0.0 0.125       | 0.0 0.0    |
| 51/182 | NW_025 <sub>de</sub>       | 0.25 0.25 0.25      | 0.25 0.0 0.25       | 360                 | 0.25 0.25 0.25      | 37.9 0.0 0.0          | 0.0 0.0                  | 0.003 0.053 0.81    | 0.0                 | 0.25 0.0 0.25         | 0.0 0.0    |
| 52/273 | NW_038 <sub>de</sub>       | 0.375 0.375 0.375   | 0.375 0.0 0.375     | 360                 | 0.375 0.375 0.375   | 47.7 0.0 0.0          | 0.0 0.0                  | 0.016 0.067 0.714   | 0.0                 | 0.375 0.0 0.375       | 0.0 0.0    |
| 53/364 | NW_050 <sub>de</sub>       | 0.5 0.5 0.5         | 0.5 0.0 0.5         | 360                 | 0.5 0.5 0.5         | 57.4 0.0 0.0          | 0.0 0.0                  | 0.033 0.072 0.612   | 0.0                 | 0.5 0.0 0.5           | 0.0 0.0    |
| 54/455 | NW_063 <sub>de</sub>       | 0.625 0.625 0.625   | 0.625 0.0 0.625     | 360                 | 0.625 0.625 0.625   | 67.1 0.0 0.0          | 0.0 0.0                  | 0.014 0.045 0.469   | 0.0                 | 0.625 0.0 0.625       | 0.0 0.0    |
| 55/546 | NW_075 <sub>de</sub>       | 0.75 0.75 0.75      | 0.75 0.0 0.75       | 360                 | 0.75 0.75 0.75      | 76.9 0.0 0.0          | 0.0 0.0                  | 0.02 0.333          | 0.0                 | 0.75 0.0 0.75         | 0.0 0.0    |
| 56/637 | NW_088 <sub>de</sub>       | 0.875 0.875 0.875   | 0.875 0.0 0.875     | 360                 | 0.875 0.875 0.875   | 86.6 0.0 0.0          | 0.0 0.0                  | 0.014 0.008 0.18    | 0.0                 | 0.875 0.0 0.875       | 0.0 0.0    |
| 57/728 | NW_100 <sub>de</sub>       | 1.0 1.0 1.0         | 1.0 0.0 1.0         | 360                 | 1.0 1.0 1.0         | 96.3 0.0 0.0          | 0.0 0.0                  | 0.0 0.0 0.0         | 0.0                 | 1.0 0.0 1.0           | 0.0 0.0    |

delta

grafico TUB-SI15; 1080 colori, carta standard offset  
colori e la differenza,  $\Delta E^*$ , 3D=1, de=1, *cm*yk\*

immettere: *rgb/cmyk* -> *rgb*<sub>de</sub>  
uscita: 3D-linearizzazione a *cm*yk\*<sub>de</sub>

vedere dei file simili: <http://130.149.60.45/~farbmetrik/SI15/SI15.HTM>  
informazioni tecniche: <http://www.ps.bam.de> o <http://130.149.60.45/~farbmetrik>

TUB iscrizione: 20130201-SI15/SI15L0FP.PDF /.PS  
la domanda per la misura uscita nella stampa di offset, separazionecmynb\* (CMYK)

TUB materiale: code=rha4ta

| n/f    | HIC*F <sub>de</sub> | rgb_F <sub>de</sub> | ict_F <sub>de</sub> | hsi_F <sub>de</sub> | rgb*F <sub>de</sub> | LabCh*F <sub>de</sub> | cmyn*sep,F <sub>de</sub> | hsiM <sub>de</sub> | rgb*M <sub>de</sub> | LabCh*M <sub>de</sub> |             |
|--------|---------------------|---------------------|---------------------|---------------------|---------------------|-----------------------|--------------------------|--------------------|---------------------|-----------------------|-------------|
| 0/648  | R00Y_100_100de      | 1.0 0.0 0.0         | 1.0 1.0 0.5         | 390                 | 1.0 0.0 0.131       | 47.6 66.3 31.6        | 73.4 25.4                | 0.0 1.0 0.867      | 0.0                 | 47.6 66.3 31.6        | 73.4 25.4   |
| 1/666  | R25Y_100_100de      | 1.0 0.25 0.0        | 1.0 1.0 0.5         | 44                  | 1.0 0.172 0.0       | 53.4 52.6 45.8        | 69.7 41.0                | 0.0 0.826 1.0      | 0.0                 | 53.4 52.6 45.8        | 69.7 41.0   |
| 2/684  | R50Y_100_100de      | 1.0 0.5 0.0         | 1.0 1.0 0.5         | 60                  | 1.0 0.378 0.0       | 62.5 34.1 56.6        | 66.1 58.8                | 0.0 0.62 1.0       | 0.0                 | 62.5 34.1 56.6        | 66.1 58.8   |
| 3/702  | R75Y_100_100de      | 1.0 0.75 0.0        | 1.0 1.0 0.5         | 76                  | 1.0 0.584 0.0       | 72.7 16.2 69.0        | 70.9 76.7                | 0.0 0.415 1.0      | 0.0                 | 72.7 16.2 69.0        | 70.9 76.7   |
| 4/720  | Y00G_100_100de      | 1.0 1.0 0.0         | 1.0 1.0 0.5         | 90                  | 1.0 0.868 0.0       | 85.1 -3.3 83.7        | 83.7 92.3                | 0.0 0.132 1.0      | 0.0                 | 85.1 -3.3 83.7        | 83.7 92.3   |
| 5/558  | Y25G_100_100de      | 0.75 1.0 0.0        | 1.0 1.0 0.5         | 104                 | 0.615 1.0 0.0       | 77.6 -23.7 70.5       | 74.4 108.6               | 0.385 0.0 1.0      | 0.0                 | 77.6 -23.7 70.5       | 74.4 108.6  |
| 6/396  | Y50G_100_100de      | 0.5 1.0 0.0         | 1.0 1.0 0.5         | 120                 | 0.35 1.0 0.0        | 67.2 -38.9 51.1       | 64.2 127.2               | 0.648 0.0 1.0      | 0.0                 | 67.2 -38.9 51.1       | 64.2 127.2  |
| 7/234  | Y75G_100_100de      | 0.25 1.0 0.0        | 1.0 1.0 0.5         | 136                 | 0.163 1.0 0.0       | 57.9 -53.6 36.3       | 64.8 145.9               | 0.836 0.0 1.0      | 0.0                 | 57.9 -53.6 36.3       | 64.8 145.9  |
| 8/72   | G00B_100_100de      | 0.0 1.0 0.0         | 1.0 1.0 0.5         | 150                 | 0.0 1.0 0.011       | 51.7 -69.1 22.1       | 72.6 162.2               | 1.0 0.0 0.988      | 0.0                 | 51.7 -69.1 22.1       | 72.6 162.2  |
| 9/72   | G00B_100_100de      | 0.0 1.0 0.0         | 1.0 1.0 0.5         | 150                 | 0.0 1.0 0.011       | 51.7 -69.1 22.1       | 72.6 162.2               | 1.0 0.0 0.988      | 0.0                 | 51.7 -69.1 22.1       | 72.6 162.2  |
| 10/76  | G25B_100_100de      | 0.0 1.0 0.5         | 1.0 1.0 0.5         | 180                 | 0.0 1.0 0.403       | 54.0 -55.4 -9.3       | 56.2 189.6               | 1.0 0.0 0.593      | 0.0                 | 54.0 -55.4 -9.3       | 56.2 189.6  |
| 11/80  | G50B_100_100de      | 0.0 1.0 1.0         | 1.0 1.0 0.5         | 210                 | 0.0 1.0 0.712       | 56.3 -41.9 -31.5      | 52.4 216.9               | 1.0 0.0 0.286      | 0.0                 | 56.3 -41.9 -31.5      | 52.4 216.9  |
| 12/44  | G75B_100_100de      | 0.0 0.5 1.0         | 1.0 1.0 0.5         | 240                 | 0.0 0.744 1.0       | 51.1 -21.9 -45.6      | 50.6 244.3               | 1.0 0.257 0.0      | 0.0                 | 51.1 -21.9 -45.6      | 50.6 244.3  |
| 13/8   | B00M_100_100de      | 0.0 0.0 1.0         | 1.0 1.0 0.5         | 270                 | 0.0 0.358 1.0       | 36.7 1.4 -46.6        | 46.6 271.7               | 1.0 0.639 0.0      | 0.0                 | 36.7 1.4 -46.6        | 46.6 271.7  |
| 14/332 | B25R_100_100de      | 0.5 0.0 1.0         | 1.0 1.0 0.5         | 300                 | 0.055 0.0 1.0       | 26.2 26.8 -46.1       | 53.3 300.1               | 0.944 1.0 0.0      | 0.0                 | 26.2 26.8 -46.1       | 53.3 300.1  |
| 15/656 | B50R_100_100de      | 1.0 0.0 1.0         | 1.0 1.0 0.5         | 330                 | 0.42 0.0 1.0        | 34.9 50.0 -30.5       | 58.6 328.6               | 0.577 1.0 0.0      | 0.0                 | 34.9 50.0 -30.5       | 58.6 328.6  |
| 16/652 | B75R_100_100de      | 1.0 0.0 0.5         | 1.0 1.0 0.5         | 360                 | 0.948 0.0 1.0       | 47.3 72.7 -10.1       | 73.5 352.0               | 0.051 1.0 0.0      | 0.0                 | 47.3 72.7 -10.1       | 73.5 352.0  |
| 17/648 | R00Y_100_100de      | 1.0 0.0 0.0         | 1.0 1.0 0.5         | 390                 | 1.0 0.0 0.131       | 47.6 66.3 31.6        | 73.4 25.4                | 0.0 1.0 0.867      | 0.0                 | 47.6 66.3 31.6        | 73.4 25.4   |
| 18/688 | R00Y_100_050de      | 1.0 0.5 0.5         | 1.0 0.5 0.75        | 390                 | 1.0 0.5 0.565       | 72.0 33.1 15.8        | 36.7 25.4                | 0.0 0.5 0.375      | 0.0                 | 72.0 33.1 15.8        | 36.7 25.4   |
| 19/706 | R50Y_100_050de      | 1.0 0.75 0.5        | 1.0 0.5 0.75        | 60                  | 1.0 0.689 0.5       | 79.4 17.0 28.3        | 33.0 58.8                | 0.0 0.375 0.5      | 0.0                 | 79.4 17.0 28.3        | 33.0 58.8   |
| 20/724 | Y00G_100_050de      | 1.0 1.0 0.5         | 1.0 0.5 0.75        | 90                  | 1.0 0.934 0.5       | 90.7 -1.6 41.8        | 41.8 92.3                | 0.0 0.07 0.553     | 0.0                 | 90.7 -1.6 41.8        | 41.8 92.3   |
| 21/562 | Y50G_100_050de      | 0.75 1.0 0.5        | 1.0 0.5 0.75        | 120                 | 0.675 1.0 0.5       | 81.8 -19.4 25.5       | 32.1 127.2               | 0.347 0.0 0.532    | 0.0                 | 81.8 -19.4 25.5       | 32.1 127.2  |
| 22/400 | G00B_100_050de      | 0.5 1.0 0.5         | 1.0 0.5 0.75        | 150                 | 0.5 1.0 0.505       | 74.0 -34.5 11.0       | 36.3 162.2               | 0.623 0.0 0.623    | 0.0                 | 74.0 -34.5 11.0       | 36.3 162.2  |
| 23/404 | G50B_100_050de      | 0.5 1.0 1.0         | 1.0 0.5 0.75        | 210                 | 0.5 1.0 0.856       | 76.3 -20.9 -15.7      | 26.2 216.9               | 0.596 0.0 0.141    | 0.0                 | 76.3 -20.9 -15.7      | 26.2 216.9  |
| 24/368 | B00R_100_050de      | 0.5 0.5 1.0         | 1.0 0.5 0.75        | 270                 | 0.5 0.679 1.0       | 66.5 0.7 -23.3        | 23.3 271.7               | 0.541 0.302 0.0    | 0.029               | 66.5 0.7 -23.3        | 23.3 271.7  |
| 25/692 | B50R_100_050de      | 1.0 0.5 1.0         | 1.0 0.5 0.75        | 330                 | 0.71 0.5 1.0        | 65.6 25.0 -15.2       | 29.3 328.6               | 0.272 0.517 0.0    | 0.005               | 65.6 25.0 -15.2       | 29.3 328.6  |
| 26/688 | R00Y_100_050de      | 1.0 0.5 0.5         | 1.0 0.5 0.75        | 390                 | 1.0 0.5 0.565       | 72.0 33.1 15.8        | 36.7 25.4                | 0.0 0.5 0.375      | 0.0                 | 72.0 33.1 15.8        | 36.7 25.4   |
| 27/506 | R00Y_075_050de      | 0.75 0.25 0.25      | 0.75 0.5 0.5        | 390                 | 0.75 0.25 0.315     | 52.5 33.1 15.8        | 36.7 25.4                | 0.0 0.678 0.541    | 0.271               | 52.5 33.1 15.8        | 36.7 25.4   |
| 28/524 | R50Y_075_050de      | 0.75 0.5 0.25       | 0.75 0.5 0.5        | 60                  | 0.75 0.439 0.25     | 60.0 17.0 28.3        | 33.0 58.8                | 0.0 0.464 0.673    | 0.287               | 60.0 17.0 28.3        | 33.0 58.8   |
| 29/542 | Y00G_075_050de      | 0.75 0.75 0.25      | 0.75 0.5 0.5        | 90                  | 0.75 0.684 0.25     | 71.3 -1.6 41.8        | 41.8 92.3                | 0.0 0.154 0.729    | 0.296               | 71.3 -1.6 41.8        | 41.8 92.3   |
| 30/380 | Y50G_075_050de      | 0.5 0.75 0.25       | 0.75 0.5 0.5        | 120                 | 0.425 0.75 0.25     | 62.3 -19.4 25.5       | 32.1 127.2               | 0.438 0.0 0.691    | 0.335               | 62.3 -19.4 25.5       | 32.1 127.2  |
| 31/218 | G00B_075_050de      | 0.25 0.75 0.25      | 0.75 0.5 0.5        | 150                 | 0.25 0.75 0.255     | 54.5 -34.5 11.0       | 36.3 162.2               | 0.757 0.0 0.672    | 0.259               | 54.5 -34.5 11.0       | 36.3 162.2  |
| 32/222 | G50B_075_050de      | 0.25 0.75 0.75      | 0.75 0.5 0.5        | 210                 | 0.25 0.75 0.606     | 56.8 -20.9 -15.7      | 26.2 216.9               | 0.703 0.0 0.207    | 0.315               | 56.8 -20.9 -15.7      | 26.2 216.9  |
| 33/186 | B00R_075_050de      | 0.25 0.25 0.75      | 0.75 0.5 0.5        | 270                 | 0.25 0.429 0.75     | 47.0 0.7 -23.3        | 23.3 271.7               | 0.637 0.408 0.0    | 0.368               | 47.0 0.7 -23.3        | 23.3 271.7  |
| 34/510 | B50R_075_050de      | 0.75 0.25 0.75      | 0.75 0.5 0.5        | 330                 | 0.46 0.25 0.75      | 46.2 25.0 -15.2       | 29.3 328.6               | 0.309 0.635 0.0    | 0.37                | 46.2 25.0 -15.2       | 29.3 328.6  |
| 35/506 | R00Y_075_050de      | 0.75 0.25 0.25      | 0.75 0.5 0.5        | 390                 | 0.75 0.25 0.315     | 52.5 33.1 15.8        | 36.7 25.4                | 0.0 0.678 0.541    | 0.271               | 52.5 33.1 15.8        | 36.7 25.4   |
| 36/324 | R00Y_050_050de      | 0.5 0.0 0.0         | 0.5 0.5 0.25        | 390                 | 0.5 0.0 0.065       | 33.1 33.1 15.8        | 36.7 25.4                | 0.0 0.831 0.734    | 0.569               | 33.1 33.1 15.8        | 36.7 25.4   |
| 37/342 | R50Y_050_050de      | 0.5 0.25 0.0        | 0.5 0.5 0.25        | 60                  | 0.5 0.189 0.0       | 40.5 17.0 28.3        | 33.0 58.8                | 0.0 0.587 0.83     | 0.571               | 40.5 17.0 28.3        | 33.0 58.8   |
| 38/360 | Y00G_050_050de      | 0.5 0.5 0.0         | 0.5 0.5 0.25        | 90                  | 0.5 0.434 0.0       | 51.8 -1.6 41.8        | 41.8 92.3                | 0.0 0.216 0.867    | 0.5                 | 51.8 -1.6 41.8        | 41.8 92.3   |
| 39/198 | Y50G_050_050de      | 0.25 0.5 0.0        | 0.5 0.5 0.25        | 120                 | 0.175 0.5 0.0       | 42.9 -19.4 25.5       | 32.1 127.2               | 0.519 0.0 0.801    | 0.619               | 42.9 -19.4 25.5       | 32.1 127.2  |
| 40/36  | G00B_050_050de      | 0.0 0.5 0.0         | 0.5 0.5 0.25        | 150                 | 0.0 0.5 0.005       | 35.1 -34.5 11.0       | 36.3 162.2               | 0.801 0.0 0.801    | 0.619               | 35.1 -34.5 11.0       | 36.3 162.2  |
| 41/40  | G50B_050_050de      | 0.0 0.5 0.5         | 0.5 0.5 0.25        | 210                 | 0.0 0.5 0.356       | 37.4 -20.9 -15.7      | 26.2 216.9               | 0.797 0.0 0.265    | 0.625               | 37.4 -20.9 -15.7      | 26.2 216.9  |
| 42/4   | B00R_050_050de      | 0.0 0.0 0.5         | 0.5 0.5 0.25        | 270                 | 0.0 0.179 0.5       | 27.6 0.7 -23.3        | 23.3 271.7               | 0.797 0.531 0.0    | 0.625               | 27.6 0.7 -23.3        | 23.3 271.7  |
| 43/328 | B50R_050_050de      | 0.5 0.0 0.5         | 0.5 0.5 0.25        | 330                 | 0.21 0.0 0.5        | 26.7 25.0 -15.2       | 29.3 328.6               | 0.476 0.798 0.0    | 0.623               | 26.7 25.0 -15.2       | 29.3 328.6  |
| 44/324 | R00Y_050_050de      | 0.5 0.0 0.0         | 0.5 0.5 0.25        | 390                 | 0.5 0.0 0.065       | 33.1 33.1 15.8        | 36.7 25.4                | 0.0 0.831 0.734    | 0.569               | 33.1 33.1 15.8        | 36.7 25.4   |
| 45/0   | NW_000de            | 0.0 0.0 0.0         | 0.0 0.0 0.0         | 360                 | 0.0 0.0 0.0         | 18.5 0.0 0.0          | 0.0 0.0                  | 0.0 0.0 0.0        | 1.0                 | 0.0 0.0 0.0           | 0.0 0.0 0.0 |
| 46/91  | NW_013de            | 0.125 0.125 0.125   | 0.125 0.0 0.125     | 360                 | 0.125 0.125 0.125   | 28.2 0.0 0.0          | 0.0 0.0                  | 0.0 0.011 0.1      | 0.901               | 0.125 0.125 0.125     | 0.0 0.0 0.0 |
| 47/182 | NW_025de            | 0.25 0.25 0.25      | 0.25 0.0 0.25       | 360                 | 0.25 0.25 0.25      | 37.9 0.0 0.0          | 0.0 0.0                  | 0.0 0.003 0.053    | 0.81                | 0.25 0.25 0.25        | 0.0 0.0 0.0 |
| 48/273 | NW_038de            | 0.375 0.375 0.375   | 0.375 0.0 0.375     | 360                 | 0.375 0.375 0.375   | 47.7 0.0 0.0          | 0.0 0.0                  | 0.0 0.016 0.067    | 0.714               | 0.375 0.375 0.375     | 0.0 0.0 0.0 |
| 49/364 | NW_050de            | 0.5 0.5 0.5         | 0.5 0.0 0.5         | 360                 | 0.5 0.5 0.5         | 57.4 0.0 0.0          | 0.0 0.0                  | 0.0 0.033 0.072    | 0.612               | 0.5 0.5 0.5           | 0.0 0.0 0.0 |
| 50/455 | NW_063de            | 0.625 0.625 0.625   | 0.625 0.0 0.625     | 360                 | 0.625 0.625 0.625   | 67.1 0.0 0.0          | 0.0 0.0                  | 0.0 0.014 0.045    | 0.469               | 0.625 0.625 0.625     | 0.0 0.0 0.0 |
| 51/546 | NW_075de            | 0.75 0.75 0.75      | 0.75 0.0 0.75       | 360                 | 0.75 0.75 0.75      | 76.9 0.0 0.0          | 0.0 0.0                  | 0.0 0.02 0.333     | 0.333               | 0.75 0.75 0.75        | 0.0 0.0 0.0 |
| 52/637 | NW_088de            | 0.875 0.875 0.875   | 0.875 0.0 0.875     | 360                 | 0.875 0.875 0.875   | 86.6 0.0 0.0          | 0.0 0.0                  | 0.0 0.014 0.008    | 0.18                | 0.875 0.875 0.875     | 0.0 0.0 0.0 |
| 53/728 | NW_100de            | 1.0 1.0 1.0         | 1.0 0.0 1.0         | 360                 | 1.0 1.0 1.0         | 96.3 0.0 0.0          | 0.0 0.0                  | 0.0 0.0 0.0        | 0.0                 | 1.0 1.0 1.0           | 0.0 0.0 0.0 |

delta

vedere dei file simili: <http://130.149.60.45/~farbmetrik/SI15/SI15.HTM>  
informazioni tecniche: <http://www.ps.bam.de> o <http://130.149.60.45/~farbmetrik>

TUB iscrizione: 20130201-SI15/SI15L0FP.PDF /.PS  
la domanda per la misura uscita nella stampa di offset, separazionecmynb\* (CMYK)  
TUB materiale: code=rha4ta

| n=j   | HIC*Fde        | rgb_Fde | ict_Fde | hsi_Fde | rgb*Fde | LabCh*Fde | cmyn*sep.Fde | hsiM.de | rgb*Mde | LabCh*Mde |      |
|-------|----------------|---------|---------|---------|---------|-----------|--------------|---------|---------|-----------|------|
| 0     | NW_000de       | 0.0     | 0.0     | 0.0     | 0.0     | 0.0       | 0.0          | 0.0     | 1.0     | 0.0       | 0.0  |
| 1     | B00R_012_012de | 0.0     | 0.125   | 0.125   | 0.062   | 270       | 0.0          | 0.044   | 0.125   | 20.8      | 0.1  |
| 2     | B00R_025_025de | 0.0     | 0.0     | 0.25    | 0.25    | 0.125     | 270          | 0.0     | 0.089   | 0.25      | 23.0 |
| 3     | B00R_037_037de | 0.0     | 0.0     | 0.375   | 0.375   | 0.187     | 270          | 0.0     | 0.134   | 0.375     | 25.3 |
| 4     | B00R_050_050de | 0.0     | 0.0     | 0.5     | 0.5     | 0.25      | 270          | 0.0     | 0.179   | 0.5       | 27.6 |
| 5     | B00R_062_062de | 0.0     | 0.0     | 0.625   | 0.625   | 0.312     | 270          | 0.0     | 0.223   | 0.625     | 29.8 |
| 6     | B00R_075_075de | 0.0     | 0.0     | 0.75    | 0.75    | 0.375     | 270          | 0.0     | 0.268   | 0.75      | 32.1 |
| 7     | B00R_087_087de | 0.0     | 0.0     | 0.875   | 0.875   | 0.437     | 270          | 0.0     | 0.313   | 0.875     | 34.4 |
| 8     | B00R_100_100de | 0.0     | 0.0     | 1.0     | 1.0     | 0.5       | 270          | 0.0     | 0.358   | 1.0       | 36.7 |
| 9     | G00B_012_012de | 0.0     | 0.125   | 0.0     | 0.125   | 0.062     | 150          | 0.0     | 0.125   | 0.001     | 22.6 |
| 10    | G50B_012_012de | 0.0     | 0.125   | 0.125   | 0.125   | 0.062     | 210          | 0.0     | 0.125   | 0.089     | 23.2 |
| 11    | G75B_025_025de | 0.0     | 0.125   | 0.25    | 0.25    | 0.125     | 240          | 0.0     | 0.186   | 0.25      | 26.6 |
| 12    | G84B_037_037de | 0.0     | 0.125   | 0.375   | 0.375   | 0.187     | 251          | 0.0     | 0.216   | 0.375     | 28.6 |
| 13    | G88B_050_050de | 0.0     | 0.125   | 0.5     | 0.5     | 0.25      | 256          | 0.0     | 0.259   | 0.5       | 30.8 |
| 14    | G90B_062_062de | 0.0     | 0.125   | 0.625   | 0.625   | 0.312     | 259          | 0.0     | 0.302   | 0.625     | 33.0 |
| 15    | G92B_075_075de | 0.0     | 0.125   | 0.75    | 0.75    | 0.375     | 261          | 0.0     | 0.346   | 0.75      | 35.2 |
| 16    | G93B_087_087de | 0.0     | 0.125   | 0.875   | 0.875   | 0.437     | 262          | 0.0     | 0.393   | 0.875     | 37.6 |
| 17    | G94B_100_100de | 0.0     | 0.125   | 1.0     | 1.0     | 0.5       | 263          | 0.0     | 0.438   | 1.0       | 39.8 |
| 18    | G00B_025_025de | 0.0     | 0.25    | 0.0     | 0.25    | 0.125     | 150          | 0.0     | 0.25    | 0.002     | 26.8 |
| 19    | G25B_025_025de | 0.0     | 0.25    | 0.125   | 0.25    | 0.125     | 180          | 0.0     | 0.25    | 0.1       | 27.4 |
| 20    | G50B_025_025de | 0.0     | 0.25    | 0.25    | 0.25    | 0.125     | 210          | 0.0     | 0.25    | 0.178     | 27.9 |
| 21    | G65B_037_037de | 0.0     | 0.25    | 0.375   | 0.375   | 0.187     | 229          | 0.0     | 0.375   | 0.372     | 33.2 |
| 22    | G75B_050_050de | 0.0     | 0.25    | 0.5     | 0.5     | 0.25      | 240          | 0.0     | 0.372   | 0.5       | 34.8 |
| 23    | G80B_062_062de | 0.0     | 0.25    | 0.625   | 0.625   | 0.312     | 247          | 0.0     | 0.39    | 0.625     | 36.5 |
| 24    | G84B_075_075de | 0.0     | 0.25    | 0.75    | 0.75    | 0.375     | 251          | 0.0     | 0.433   | 0.75      | 38.7 |
| 25    | G86B_087_087de | 0.0     | 0.25    | 0.875   | 0.875   | 0.437     | 254          | 0.0     | 0.474   | 0.875     | 40.8 |
| 26    | G88B_100_100de | 0.0     | 0.25    | 1.0     | 1.0     | 0.5       | 256          | 0.0     | 0.519   | 1.0       | 43.1 |
| 27    | G00B_037_037de | 0.0     | 0.375   | 0.0     | 0.375   | 0.187     | 150          | 0.0     | 0.375   | 0.004     | 30.9 |
| 28    | G15B_037_037de | 0.0     | 0.375   | 0.125   | 0.375   | 0.187     | 169          | 0.0     | 0.375   | 0.108     | 31.5 |
| 29    | G34B_037_037de | 0.0     | 0.375   | 0.25    | 0.375   | 0.187     | 191          | 0.0     | 0.375   | 0.191     | 32.1 |
| 30    | G50B_037_037de | 0.0     | 0.375   | 0.375   | 0.375   | 0.187     | 210          | 0.0     | 0.375   | 0.267     | 32.7 |
| 31    | G61B_050_050de | 0.0     | 0.375   | 0.5     | 0.5     | 0.25      | 224          | 0.0     | 0.5     | 0.456     | 38.0 |
| 32    | G69B_062_062de | 0.0     | 0.375   | 0.625   | 0.625   | 0.312     | 233          | 0.0     | 0.561   | 0.625     | 41.6 |
| 33    | G75B_075_075de | 0.0     | 0.375   | 0.75    | 0.75    | 0.375     | 240          | 0.0     | 0.558   | 0.75      | 43.0 |
| 34    | G79B_087_087de | 0.0     | 0.375   | 0.875   | 0.875   | 0.437     | 245          | 0.0     | 0.577   | 0.875     | 44.6 |
| 35    | G81B_100_100de | 0.0     | 0.375   | 1.0     | 1.0     | 0.5       | 248          | 0.0     | 0.613   | 1.0       | 46.8 |
| 36    | G00B_050_050de | 0.0     | 0.5     | 0.0     | 0.5     | 0.25      | 150          | 0.0     | 0.5     | 0.005     | 35.1 |
| 37    | G11B_050_050de | 0.0     | 0.5     | 0.125   | 0.5     | 0.25      | 164          | 0.0     | 0.5     | 0.115     | 35.7 |
| 38    | G25B_050_050de | 0.0     | 0.5     | 0.25    | 0.5     | 0.25      | 180          | 0.0     | 0.5     | 0.201     | 36.2 |
| 39    | G38B_050_050de | 0.0     | 0.5     | 0.375   | 0.5     | 0.25      | 196          | 0.0     | 0.5     | 0.281     | 36.7 |
| 40    | G50B_050_050de | 0.0     | 0.5     | 0.5     | 0.5     | 0.25      | 210          | 0.0     | 0.5     | 0.356     | 37.4 |
| 41    | G59B_062_062de | 0.0     | 0.5     | 0.625   | 0.625   | 0.312     | 221          | 0.0     | 0.625   | 0.54      | 42.7 |
| 42    | G65B_075_075de | 0.0     | 0.5     | 0.75    | 0.75    | 0.375     | 229          | 0.0     | 0.75    | 0.745     | 48.0 |
| 43    | G70B_087_087de | 0.0     | 0.5     | 0.875   | 0.875   | 0.437     | 235          | 0.0     | 0.743   | 0.875     | 49.7 |
| 44    | G75B_100_100de | 0.0     | 0.5     | 1.0     | 1.0     | 0.5       | 240          | 0.0     | 0.744   | 1.0       | 51.1 |
| 45    | G00B_062_062de | 0.0     | 0.625   | 0.0     | 0.625   | 0.312     | 150          | 0.0     | 0.625   | 0.007     | 39.2 |
| 46    | G09B_062_062de | 0.0     | 0.625   | 0.125   | 0.625   | 0.312     | 161          | 0.0     | 0.625   | 0.116     | 39.8 |
| 47    | G19B_062_062de | 0.0     | 0.625   | 0.25    | 0.625   | 0.312     | 173          | 0.0     | 0.625   | 0.207     | 40.4 |
| 48    | G30B_062_062de | 0.0     | 0.625   | 0.375   | 0.625   | 0.312     | 187          | 0.0     | 0.625   | 0.294     | 41.0 |
| 49    | G40B_062_062de | 0.0     | 0.625   | 0.5     | 0.625   | 0.312     | 199          | 0.0     | 0.625   | 0.371     | 41.4 |
| 50    | G50B_062_062de | 0.0     | 0.625   | 0.625   | 0.625   | 0.312     | 210          | 0.0     | 0.625   | 0.445     | 42.1 |
| 51    | G57B_075_075de | 0.0     | 0.625   | 0.75    | 0.75    | 0.375     | 219          | 0.0     | 0.75    | 0.625     | 47.4 |
| 52    | G63B_087_087de | 0.0     | 0.625   | 0.875   | 0.875   | 0.437     | 226          | 0.0     | 0.875   | 0.826     | 52.7 |
| 53    | G68B_100_100de | 0.0     | 0.625   | 1.0     | 1.0     | 0.5       | 232          | 0.0     | 0.926   | 1.0       | 56.1 |
| 54    | G00B_075_075de | 0.0     | 0.75    | 0.0     | 0.75    | 0.375     | 150          | 0.0     | 0.75    | 0.008     | 43.4 |
| 55    | G07B_075_075de | 0.0     | 0.75    | 0.125   | 0.75    | 0.375     | 159          | 0.0     | 0.75    | 0.118     | 44.0 |
| 56    | G15B_075_075de | 0.0     | 0.75    | 0.25    | 0.75    | 0.375     | 169          | 0.0     | 0.75    | 0.216     | 44.6 |
| 57    | G25B_075_075de | 0.0     | 0.75    | 0.375   | 0.75    | 0.375     | 180          | 0.0     | 0.75    | 0.302     | 45.1 |
| 58    | G34B_075_075de | 0.0     | 0.75    | 0.5     | 0.75    | 0.375     | 191          | 0.0     | 0.75    | 0.382     | 45.6 |
| 59    | G42B_075_075de | 0.0     | 0.75    | 0.625   | 0.75    | 0.375     | 201          | 0.0     | 0.75    | 0.462     | 46.1 |
| 60    | G50B_075_075de | 0.0     | 0.75    | 0.75    | 0.75    | 0.375     | 210          | 0.0     | 0.75    | 0.534     | 46.8 |
| 61    | G56B_087_087de | 0.0     | 0.75    | 0.875   | 0.875   | 0.437     | 218          | 0.0     | 0.875   | 0.716     | 52.2 |
| 62    | G61B_100_100de | 0.0     | 0.75    | 1.0     | 1.0     | 0.5       | 224          | 0.0     | 1.0     | 0.912     | 57.4 |
| 63    | G00B_087_087de | 0.0     | 0.875   | 0.0     | 0.875   | 0.437     | 150          | 0.0     | 0.875   | 0.009     | 47.5 |
| 64    | G06B_087_087de | 0.0     | 0.875   | 0.125   | 0.875   | 0.437     | 158          | 0.0     | 0.875   | 0.125     | 48.2 |
| 65    | G13B_087_087de | 0.0     | 0.875   | 0.25    | 0.875   | 0.437     | 166          | 0.0     | 0.875   | 0.224     | 48.7 |
| 66    | G20B_087_087de | 0.0     | 0.875   | 0.375   | 0.875   | 0.437     | 175          | 0.0     | 0.875   | 0.308     | 49.3 |
| 67    | G29B_087_087de | 0.0     | 0.875   | 0.5     | 0.875   | 0.437     | 185          | 0.0     | 0.875   | 0.394     | 49.8 |
| 68    | G36B_087_087de | 0.0     | 0.875   | 0.625   | 0.875   | 0.437     | 194          | 0.0     | 0.875   | 0.474     | 50.3 |
| 69    | G43B_087_087de | 0.0     | 0.875   | 0.75    | 0.875   | 0.437     | 202          | 0.0     | 0.875   | 0.548     | 50.8 |
| 70    | G50B_087_087de | 0.0     | 0.875   | 0.875   | 0.875   | 0.437     | 210          | 0.0     | 0.875   | 0.623     | 51.5 |
| 71    | G55B_100_100de | 0.0     | 0.875   | 1.0     | 1.0     | 0.5       | 217          | 0.0     | 1.0     | 0.803     | 56.9 |
| 72    | G00B_100_100de | 0.0     | 1.0     | 0.0     | 1.0     | 0.5       | 150          | 0.0     | 1.0     | 0.011     | 51.7 |
| 73    | G05B_100_100de | 0.0     | 1.0     | 0.125   | 1.0     | 0.5       | 157          | 0.0     | 1.0     | 0.129     | 52.4 |
| 74    | G11B_100_100de | 0.0     | 1.0     | 0.25    | 1.0     | 0.5       | 164          | 0.0     | 1.0     | 0.23      | 52.9 |
| 75    | G18B_100_100de | 0.0     | 1.0     | 0.375   | 1.0     | 0.5       | 172          | 0.0     | 1.0     | 0.32      | 53.5 |
| 76    | G25B_100_100de | 0.0     | 1.0     | 0.5     | 1.0     | 0.5       | 180          | 0.0     | 1.0     | 0.403     | 54.0 |
| 77    | G31B_100_100de | 0.0     | 1.0     | 0.625   | 1.0     | 0.5       | 188          | 0.0     | 1.0     | 0.48      | 54.5 |
| 78    | G38B_100_100de | 0.0     | 1.0     | 0.75    | 1.0     | 0.5       | 196          | 0.0     | 1.0     | 0.563     | 55.0 |
| 79    | G44B_100_100de | 0.0     | 1.0     | 0.875   | 1.0     | 0.5       | 203          | 0.0     | 1.0     | 0.637     | 55.5 |
| 80    | G50B_100_100de | 0.0     | 1.0     | 1.0     | 1.0     | 0.5       | 210          | 0.0     | 1.0     | 0.712     | 56.3 |
| delta |                |         |         |         |         |           |              |         |         |           |      |

4-1131930-F0

SI150-7N, 20/33-F

grafico TUB-SI15; 1080 colori, carta standard offset  
colori e la differenza,  $\Delta E^*$ , 3D=1, de=1, *cmk\**

immettere: *rgb/cmyk* -> *rgb*<sub>de</sub>  
uscita: 3D-linearizzazione a *cmk\**<sub>de</sub>

4-1131930-F0



http://130.149.60.45/~farbmetrik/SI15/SI15L0FP.PDF /.PS; 3D-linearizzazzone  
F: 3D-linearizzazzone SI15/SI15LI30FP.DAT nel file (F), pagina 21/33

| n   | HIC*F <sub>de</sub> | rgb_F <sub>de</sub> | ic <sub>t</sub> _F <sub>de</sub> | hsi_F <sub>de</sub> | rgb*F <sub>de</sub> | LabCh*F <sub>de</sub> | cmyn*sep.F <sub>de</sub> | hsi_M <sub>de</sub> | rgb*M <sub>de</sub> | LabCh*M <sub>de</sub> |            |
|-----|---------------------|---------------------|----------------------------------|---------------------|---------------------|-----------------------|--------------------------|---------------------|---------------------|-----------------------|------------|
| 81  | R00Y_012_012de      | 0.125 0.0 0.0       | 0.125 0.125 0.062                | 390                 | 0.125 0.0 0.016     | 22.1 8.2 3.9          | 9.1 25.4                 | 0.0 0.448           | 0.429 0.889         | 47.6 66.3 31.6        | 73.4 25.4  |
| 82  | B50R_012_012de      | 0.125 0.0 0.125     | 0.125 0.125 0.062                | 330                 | 0.052 0.0 0.125     | 20.5 6.2 -3.8         | 7.3 328.6                | 0.186 0.379         | 0.0 0.914           | 34.9 50.0 -30.5       | 58.6 328.6 |
| 83  | B25R_025_025de      | 0.125 0.0 0.25      | 0.25 0.25 0.125                  | 300                 | 0.013 0.0 0.25      | 20.4 6.7 -11.5        | 13.3 300.1               | 0.573 0.573         | 0.0 0.829           | 26.2 26.8 -46.1       | 53.3 300.1 |
| 84  | B15R_037_037de      | 0.125 0.0 0.375     | 0.375 0.375 0.187                | 289                 | 0.0 0.044 0.375     | 22.0 6.4 -17.8        | 18.9 289.7               | 0.685 0.639         | 0.0 0.75            | 27.9 17.1 -47.6       | 50.6 289.7 |
| 85  | B11R_050_050de      | 0.125 0.0 0.5       | 0.5 0.5 0.25                     | 284                 | 0.0 0.092 0.5       | 24.4 6.3 -23.7        | 24.5 285.0               | 0.787 0.66          | 0.0 0.638           | 30.3 12.7 -47.5       | 49.1 285.0 |
| 86  | B09R_062_062de      | 0.125 0.0 0.625     | 0.625 0.625 0.312                | 281                 | 0.0 0.14 0.625      | 26.8 6.3 -29.5        | 30.2 282.1               | 0.867 0.65          | 0.0 0.5             | 31.8 10.1 -47.2       | 48.3 282.1 |
| 87  | B07R_075_075de      | 0.125 0.0 0.75      | 0.75 0.75 0.375                  | 279                 | 0.0 0.187 0.75      | 29.2 6.3 -35.2        | 35.8 280.2               | 0.918 0.695         | 0.0 0.368           | 32.7 8.5 -47.0        | 47.8 280.2 |
| 88  | B06R_087_087de      | 0.125 0.0 0.875     | 0.875 0.875 0.437                | 278                 | 0.0 0.229 0.875     | 31.3 6.7 -41.1        | 41.7 279.3               | 0.96 0.695          | 0.0 0.213           | 33.2 7.7 -47.0        | 47.6 279.3 |
| 89  | B05R_100_100de      | 0.125 0.0 1.0       | 1.0 1.0 0.5                      | 277                 | 0.0 0.274 1.0       | 33.6 6.9 -47.0        | 47.5 278.3               | 1.0 0.723           | 0.0 0.0             | 33.6 6.9 -47.0        | 47.5 278.3 |
| 90  | Y00G_012_012de      | 0.125 0.125 0.0     | 0.125 0.125 0.062                | 90                  | 0.125 0.108 0.0     | 26.8 -0.4 10.4        | 92.3 0.0                 | 0.0 0.219           | 0.484 0.874         | 85.1 -3.3 83.7        | 87.7 92.3  |
| 91  | NW_012de            | 0.125 0.125 0.125   | 0.125 0.0 0.125                  | 360                 | 0.125 0.125 0.125   | 28.2 0.0 0.0          | 0.0 0.0                  | 0.0 0.011           | 0.1 0.901           | 96.3 0.0 0.0          | 0.0 0.0    |
| 92  | B00R_025_012de      | 0.125 0.125 0.25    | 0.25 0.125 0.187                 | 270                 | 0.124 0.169 0.25    | 30.5 0.1 -5.8         | 5.8 271.7                | 0.349 0.211         | 0.0 0.831           | 36.7 1.4 -46.6        | 46.6 271.7 |
| 93  | B00R_037_025de      | 0.125 0.125 0.375   | 0.375 0.25 0.25                  | 270                 | 0.124 0.214 0.375   | 32.8 0.3 -11.6        | 11.6 271.7               | 0.52 0.31           | 0.0 0.755           | 36.7 1.4 -46.6        | 46.6 271.7 |
| 94  | B00R_050_037de      | 0.125 0.125 0.5     | 0.5 0.375 0.312                  | 270                 | 0.124 0.259 0.5     | 35.0 0.5 -17.4        | 17.4 271.7               | 0.648 0.39          | 0.0 0.647           | 36.7 1.4 -46.6        | 46.6 271.7 |
| 95  | B00R_062_050de      | 0.125 0.125 0.625   | 0.625 0.5 0.375                  | 270                 | 0.125 0.304 0.625   | 37.3 0.7 -23.3        | 23.3 271.7               | 0.734 0.454         | 0.0 0.517           | 36.7 1.4 -46.6        | 46.6 271.7 |
| 96  | B00R_075_062de      | 0.125 0.125 0.75    | 0.75 0.625 0.437                 | 270                 | 0.125 0.348 0.75    | 39.6 0.8 -29.1        | 29.1 271.7               | 0.792 0.496         | 0.0 0.375           | 36.7 1.4 -46.6        | 46.6 271.7 |
| 97  | B00R_087_075de      | 0.125 0.125 0.875   | 0.875 0.75 0.5                   | 270                 | 0.125 0.393 0.875   | 41.8 1.0 -34.9        | 34.9 271.7               | 0.839 0.518         | 0.0 0.214           | 36.7 1.4 -46.6        | 46.6 271.7 |
| 98  | B00R_100_087de      | 0.125 0.125 1.0     | 1.0 0.875 0.562                  | 270                 | 0.125 0.438 1.0     | 44.1 1.2 -40.8        | 40.8 271.7               | 0.878 0.54          | 0.0 0.013           | 36.7 1.4 -46.6        | 46.6 271.7 |
| 99  | Y50G_025_025de      | 0.125 0.25 0.0      | 0.25 0.25 0.125                  | 120                 | 0.087 0.25 0.0      | 30.7 -9.7 12.7        | 16.0 127.2               | 0.335 0.0           | 0.57 0.831          | 67.2 -38.9 51.1       | 64.2 127.2 |
| 100 | G00B_025_012de      | 0.125 0.25 0.125    | 0.25 0.125 0.187                 | 150                 | 0.124 0.25 0.126    | 32.4 -8.6 2.7         | 9.0 162.2                | 0.484 0.0           | 0.471 0.81          | 69.1 22.1 72.6        | 162.2      |
| 101 | G50B_025_012de      | 0.125 0.25 0.25     | 0.25 0.125 0.187                 | 210                 | 0.124 0.25 0.214    | 32.9 -5.2 -3.9        | 6.5 216.9                | 0.425 0.0           | 0.127 0.818         | 69.1 22.1 72.6        | 162.2      |
| 102 | G75B_037_025de      | 0.125 0.25 0.375    | 0.375 0.25 0.25                  | 240                 | 0.124 0.311 0.375   | 36.4 -5.4 -11.4       | 12.6 244.3               | 0.535 0.077         | 0.0 0.75            | 69.1 22.1 72.6        | 162.2      |
| 103 | G84B_050_037de      | 0.125 0.25 0.5      | 0.5 0.375 0.312                  | 251                 | 0.124 0.341 0.5     | 38.3 -4.8 -17.3       | 18.0 254.3               | 0.66 0.248          | 0.0 0.644           | 69.1 22.1 72.6        | 162.2      |
| 104 | G88B_062_050de      | 0.125 0.25 0.625    | 0.625 0.5 0.375                  | 256                 | 0.125 0.384 0.625   | 40.5 -4.5 -23.1       | 23.6 259.9               | 0.739 0.335         | 0.0 0.509           | 69.1 22.1 72.6        | 162.2      |
| 105 | G90B_075_062de      | 0.125 0.25 0.75     | 0.75 0.625 0.437                 | 259                 | 0.125 0.427 0.75    | 42.7 -4.2 -29.0       | 29.3 261.6               | 0.805 0.403         | 0.0 0.368           | 69.1 22.1 72.6        | 162.2      |
| 106 | G92B_087_075de      | 0.125 0.25 0.875    | 0.875 0.75 0.5                   | 261                 | 0.125 0.471 0.875   | 44.9 -3.9 -34.8       | 35.1 263.5               | 0.845 0.439         | 0.0 0.208           | 69.1 22.1 72.6        | 162.2      |
| 107 | G93B_100_087de      | 0.125 0.25 1.0      | 1.0 0.875 0.562                  | 262                 | 0.125 0.518 1.0     | 47.3 -3.9 -40.7       | 40.9 264.4               | 0.882 0.467         | 0.0 0.004           | 69.1 22.1 72.6        | 162.2      |
| 108 | Y68G_037_037de      | 0.125 0.375 0.0     | 0.375 0.375 0.187                | 131                 | 0.085 0.375 0.0     | 34.1 -18.4 15.3       | 23.9 140.0               | 0.623 0.0           | 0.687 0.749         | 69.1 22.1 72.6        | 162.2      |
| 109 | G00B_037_025de      | 0.125 0.375 0.125   | 0.375 0.25 0.25                  | 150                 | 0.124 0.375 0.127   | 36.5 -17.2 5.5        | 18.1 162.2               | 0.658 0.0           | 0.599 0.716         | 69.1 22.1 72.6        | 162.2      |
| 110 | G25B_037_025de      | 0.125 0.375 0.25    | 0.375 0.25 0.25                  | 180                 | 0.124 0.375 0.225   | 37.1 -13.8 -2.3       | 14.0 189.6               | 0.626 0.0           | 0.378 0.723         | 69.1 22.1 72.6        | 162.2      |
| 111 | G50B_037_025de      | 0.125 0.375 0.375   | 0.375 0.25 0.25                  | 210                 | 0.124 0.375 0.303   | 37.7 -10.4 -7.8       | 13.1 216.9               | 0.591 0.0           | 0.171 0.73          | 69.1 22.1 72.6        | 162.2      |
| 112 | G65B_050_037de      | 0.125 0.375 0.5     | 0.5 0.375 0.312                  | 229                 | 0.124 0.5 0.497     | 43.0 -12.0 -16.8      | 20.7 234.3               | 0.676 0.0           | 0.013 0.629         | 69.1 22.1 72.6        | 162.2      |
| 113 | G75B_062_050de      | 0.125 0.375 0.625   | 0.625 0.5 0.375                  | 240                 | 0.125 0.497 0.625   | 44.5 -10.9 -22.8      | 25.3 244.3               | 0.744 0.16          | 0.0 0.503           | 69.1 22.1 72.6        | 162.2      |
| 114 | G80B_075_062de      | 0.125 0.375 0.75    | 0.75 0.625 0.437                 | 247                 | 0.125 0.515 0.75    | 46.2 -10.0 -28.7      | 30.4 250.7               | 0.804 0.276         | 0.0 0.366           | 69.1 22.1 72.6        | 162.2      |
| 115 | G84B_087_075de      | 0.125 0.375 0.875   | 0.875 0.75 0.5                   | 251                 | 0.125 0.558 0.875   | 48.4 -9.6 -34.7       | 36.0 254.3               | 0.852 0.348         | 0.0 0.203           | 69.1 22.1 72.6        | 162.2      |
| 116 | G86B_100_087de      | 0.125 0.375 1.0     | 1.0 0.875 0.562                  | 254                 | 0.125 0.599 1.0     | 50.5 -9.2 -40.5       | 41.6 257.1               | 0.886 0.399         | 0.0 0.0             | 69.1 22.1 72.6        | 162.2      |
| 117 | Y76G_050_050de      | 0.125 0.5 0.0       | 0.5 0.5 0.25                     | 136                 | 0.081 0.5 0.0       | 38.2 -26.8 18.1       | 32.4 145.9               | 0.744 0.0           | 0.798 0.623         | 69.1 22.1 72.6        | 162.2      |
| 118 | G00B_050_037de      | 0.125 0.5 0.125     | 0.5 0.375 0.312                  | 150                 | 0.124 0.5 0.129     | 40.7 -25.9 8.3        | 27.2 162.2               | 0.762 0.0           | 0.684 0.588         | 69.1 22.1 72.6        | 162.2      |
| 119 | G15B_050_037de      | 0.125 0.5 0.25      | 0.5 0.375 0.312                  | 169                 | 0.124 0.5 0.233     | 41.3 -22.6 0.1        | 22.6 179.5               | 0.75 0.0            | 0.518 0.594         | 69.1 22.1 72.6        | 162.2      |
| 120 | G34B_050_037de      | 0.125 0.5 0.375     | 0.5 0.375 0.312                  | 191                 | 0.124 0.5 0.316     | 41.8 -18.9 -6.7       | 20.1 199.6               | 0.728 0.0           | 0.361 0.605         | 69.1 22.1 72.6        | 162.2      |
| 121 | G50B_050_037de      | 0.125 0.5 0.5       | 0.5 0.375 0.312                  | 210                 | 0.124 0.5 0.392     | 42.4 -15.7 -11.8      | 19.6 216.9               | 0.706 0.0           | 0.211 0.614         | 69.1 22.1 72.6        | 162.2      |
| 122 | G61B_062_050de      | 0.125 0.5 0.625     | 0.625 0.5 0.375                  | 224                 | 0.125 0.625 0.581   | 47.7 -17.4 -20.6      | 27.0 229.7               | 0.765 0.0           | 0.078 0.484         | 69.1 22.1 72.6        | 162.2      |
| 123 | G69B_075_062de      | 0.125 0.5 0.75      | 0.75 0.625 0.437                 | 233                 | 0.125 0.686 0.75    | 51.3 -17.7 -28.3      | 33.4 239.7               | 0.81 0.066          | 0.0 0.352           | 69.1 22.1 72.6        | 162.2      |
| 124 | G75B_087_075de      | 0.125 0.5 0.875     | 0.875 0.75 0.5                   | 240                 | 0.125 0.683 0.875   | 52.7 -16.4 -34.2      | 37.9 244.3               | 0.856 0.204         | 0.0 0.203           | 69.1 22.1 72.6        | 162.2      |
| 125 | G79B_100_087de      | 0.125 0.5 1.0       | 1.0 0.875 0.562                  | 245                 | 0.125 0.702 1.0     | 54.3 -15.5 -40.2      | 43.1 248.9               | 0.891 0.288         | 0.0 0.006           | 69.1 22.1 72.6        | 162.2      |
| 126 | Y81G_062_062de      | 0.125 0.625 0.0     | 0.625 0.625 0.312                | 139                 | 0.077 0.625 0.0     | 42.3 -35.1 20.7       | 40.8 149.4               | 0.813 0.0           | 0.87 0.494          | 69.1 22.1 72.6        | 162.2      |
| 127 | G00B_062_050de      | 0.125 0.625 0.125   | 0.625 0.5 0.375                  | 150                 | 0.125 0.625 0.13    | 44.8 -34.5 11.0       | 36.3 162.2               | 0.829 0.0           | 0.748 0.444         | 69.1 22.1 72.6        | 162.2      |
| 128 | G11B_062_050de      | 0.125 0.625 0.25    | 0.625 0.5 0.375                  | 164                 | 0.125 0.625 0.24    | 45.4 -31.3 2.7        | 31.4 175.0               | 0.825 0.0           | 0.609 0.448         | 69.1 22.1 72.6        | 162.2      |
| 129 | G25B_062_050de      | 0.125 0.625 0.375   | 0.625 0.5 0.375                  | 180                 | 0.125 0.625 0.326   | 46.0 -27.7 -4.6       | 28.1 189.6               | 0.815 0.0           | 0.478 0.457         | 69.1 22.1 72.6        | 162.2      |
| 130 | G38B_062_050de      | 0.125 0.625 0.5     | 0.625 0.5 0.375                  | 196                 | 0.125 0.625 0.406   | 46.5 -24.2 -10.9      | 26.6 204.2               | 0.803 0.0           | 0.354 0.468         | 69.1 22.1 72.6        | 162.2      |
| 131 | G50B_062_050de      | 0.125 0.625 0.625   | 0.625 0.5 0.375                  | 210                 | 0.125 0.625 0.481   | 47.1 -20.9 -15.7      | 26.2 216.9               | 0.784 0.0           | 0.241 0.478         | 69.1 22.1 72.6        | 162.2      |
| 132 | G59B_075_062de      | 0.125 0.625 0.75    | 0.75 0.625 0.437                 | 221                 | 0.125 0.75 0.665    | 52.4 -22.8 -24.4      | 33.4 227.0               | 0.825 0.0           | 0.119 0.334         | 69.1 22.1 72.6        | 162.2      |
| 133 | G65B_087_075de      | 0.125 0.625 0.875   | 0.875 0.75 0.5                   | 229                 | 0.125 0.875 0.87    | 57.7 -24.1 -33.6      | 41.4 234.3               | 0.859 0.005         | 0.0 0.191           | 69.1 22.1 72.6        | 162.2      |
| 134 | G70B_100_087de      | 0.125 0.625 1.0     | 1.0 0.875 0.562                  | 235                 | 0.125 0.868 1.0     | 59.4 -23.1 -39.7      | 46.0 239.7               | 0.892 0.12          | 0.0 0.01            | 69.1 22.1 72.6        | 162.2      |
| 135 | Y85G_075_075de      | 0.125 0.75 0.0      | 0.75 0.75 0.375                  | 141                 | 0.074 0.75 0.0      | 46.4 -44.1 23.7       | 50.1 151.7               | 0.867 0.0           | 0.924 0.347         | 69.1 22.1 72.6        | 162.2      |
| 136 | G00B_075_062de      | 0.125 0.75 0.125    | 0.75 0.625 0.437                 | 150                 | 0.125 0.75 0.132    | 49.0 -43.2 13.8       | 45.3 162.2               | 0.875 0.0           | 0.797 0.289         | 69.1 22.1 72.6        | 162.2      |
| 137 | G09B_075_062de      | 0.125 0.75 0.25     | 0.75 0.625 0.437                 | 161                 | 0.125 0.75 0.241    | 49.6 -40.1 5.4        | 40.4 172.2               | 0.875 0.0           | 0.673 0.292         | 69.1 22.1 72.6        | 162.2      |
| 138 | G19B_075_062de      | 0.125 0.75 0.375    | 0.75 0.625 0.437                 | 173                 | 0.125 0.75 0.332    | 50.1 -36.6 -2.0       | 36.6 183.2               | 0.87 0.0            | 0.561 0.3           | 69.1 22.1 72.6        | 162.2      |
| 139 | G30B_075_062de      | 0.125 0.75 0.5      | 0.75 0.625 0.437                 | 187                 | 0.125 0.75 0.419    | 50.7 -32.7 -9.3       | 34.0 195.9               | 0.861 0.0           | 0.448 0.312         | 69.1 22.1 72.6        | 162.2      |
| 140 | G40B_075_062de      | 0.125 0.75 0.625    | 0.75 0.625 0.437                 | 199                 | 0.125 0.75 0.496    | 51.2 -29.4 -14.9      | 33.0 206.9               | 0.853 0.0           | 0.347 0.319         | 69.1 22.1 72.6        | 162.2      |
| 141 | G50B_075_062de      | 0.125 0.75 0.75     | 0.75 0.625 0.437                 | 210                 | 0.125 0.75 0.57     | 51.8 -26.2 -19.7      | 32.8 216.9               | 0.838 0.0           | 0.25 0.324          | 69.1 22.1 72.6        | 162.2      |
| 142 | G57B_087_075de      | 0.125 0.75 0.875    | 0.875 0.75 0.5                   | 219                 | 0.125 0.875 0.75    | 57.1 -28.1 -28.3      | 39.9 225.1               | 0.872 0.0           | 0.148 0.177         | 69.1 22.1 72.6        | 162.2      |
| 143 | G63B_100_087de      | 0.125 0.75 1.0      | 1.0 0.875 0.562                  | 226                 | 0.125 1.0 0.951     | 62.4 -29.6 -37.4      | 47.7 231.5               | 0.9 0.0             | 0.045 0.0           | 69.1 22.1 72.6        | 162.2      |
| 144 | Y86G_087_087de      | 0.125 0.875 0.0     | 0.875 0.875 0.437                | 142                 | 0.077 0.875         |                       |                          |                     |                     |                       |            |

vedere dei file simili: <http://130.149.60.45/~farbmetrik/SI15/SI15.HTM>  
informazioni tecniche: <http://www.ps.bam.de> o <http://130.149.60.45/~farbmetrik>

TUB iscrizione: 20130201-SI15/SI15L0FP.PDF /.PS  
la domanda per la misura uscita nella stampa di offset, separazionecmynb\* (CMYK)  
TUB materiale: code=rha4ta

| n   | HIC*Fde        | rgb_Fde          | ict_Fde           | hsi_Fde | rgb*Fde           | LabCh*Fde        | cmyn*sep.Fde | hsiM.de     | rgb*Mde     | LabCh*Mde                                     |
|-----|----------------|------------------|-------------------|---------|-------------------|------------------|--------------|-------------|-------------|-----------------------------------------------|
| 162 | R00Y_025_025de | 0.25 0.0 0.0     | 0.25 0.25 0.125   | 390     | 0.25 0.0 0.032    | 25.8 16.5 7.9    | 18.3 25.4    | 0.0 0.637   | 0.591 0.788 | 383 1.0 0.0 0.131 47.6 66.3 31.6 73.4 25.4    |
| 163 | R00Y_025_025de | 0.25 0.0 0.125   | 0.25 0.25 0.125   | 360     | 0.237 0.0 0.25    | 25.7 18.1 -2.5   | 18.3 352.0   | 0.0 0.608   | 0.125 0.808 | 327 0.948 0.0 1.0 47.3 72.7 -10.1 73.5 352.0  |
| 164 | B50R_025_025de | 0.25 0.0 0.25    | 0.25 0.25 0.125   | 330     | 0.105 0.0 0.25    | 22.6 12.5 -7.6   | 14.6 328.6   | 0.304 0.576 | 0.0 0.828   | 294 0.42 0.0 1.0 34.9 50.0 -30.5 58.6 328.6   |
| 165 | B34R_037_037de | 0.25 0.0 0.375   | 0.375 0.375 0.187 | 310     | 0.084 0.0 0.375   | 22.6 13.1 -15.3  | 20.2 310.5   | 0.624 0.693 | 0.0 0.743   | 282 0.225 0.0 1.0 29.5 35.1 -41.0 54.0 310.5  |
| 166 | B25R_050_050de | 0.25 0.0 0.5     | 0.5 0.5 0.25      | 300     | 0.027 0.0 0.5     | 22.3 13.4 -23.0  | 26.6 300.1   | 0.791 0.791 | 0.0 0.632   | 272 0.055 0.0 1.0 26.2 26.8 -46.1 53.3 300.1  |
| 167 | B19R_062_062de | 0.25 0.0 0.625   | 0.625 0.625 0.312 | 293     | 0.0 0.026 0.625   | 23.2 13.0 -29.9  | 32.6 293.5   | 0.868 0.805 | 0.0 0.498   | 267 0.0 0.042 1.0 26.0 20.8 -47.8 52.2 293.5  |
| 168 | B15R_075_075de | 0.25 0.0 0.75    | 0.75 0.75 0.375   | 289     | 0.0 0.088 0.75    | 25.5 12.8 -35.7  | 37.9 289.7   | 0.919 0.816 | 0.0 0.365   | 263 0.0 0.117 1.0 27.9 17.1 -47.6 50.6 289.7  |
| 169 | B13R_087_087de | 0.25 0.0 0.875   | 0.875 0.875 0.437 | 286     | 0.0 0.139 0.875   | 28.0 12.6 -41.6  | 43.5 286.9   | 0.963 0.797 | 0.0 0.2     | 261 0.0 0.159 1.0 29.3 14.4 -47.6 49.7 286.9  |
| 170 | B11R_100_100de | 0.25 0.0 1.0     | 1.0 1.0 0.5       | 284     | 0.0 0.185 1.0     | 30.3 12.7 -47.5  | 49.1 285.0   | 1.0 0.812   | 0.0 0.0     | 259 0.0 0.185 1.0 30.3 12.7 -47.5 49.1 285.0  |
| 171 | R50Y_025_025de | 0.25 0.125 0.0   | 0.25 0.25 0.125   | 60      | 0.25 0.094 0.0    | 29.5 8.5 14.1    | 16.5 58.8    | 0.0 0.521   | 0.629 0.794 | 51 1.0 0.378 0.0 62.5 34.1 56.6 66.1 58.8     |
| 172 | R00Y_025_012de | 0.25 0.125 0.125 | 0.25 0.125 0.187  | 390     | 0.25 0.124 0.141  | 31.9 8.2 3.9     | 9.1 25.4     | 0.0 0.483   | 0.364 0.794 | 383 1.0 0.0 0.131 47.6 66.3 31.6 73.4 25.4    |
| 173 | B50R_025_012de | 0.25 0.125 0.25  | 0.25 0.125 0.187  | 330     | 0.177 0.124 0.25  | 30.3 6.2 -3.8    | 7.3 328.6    | 0.108 0.402 | 0.0 0.83    | 294 0.42 0.0 1.0 34.9 50.0 -30.5 58.6 328.6   |
| 174 | B25R_037_025de | 0.25 0.125 0.375 | 0.375 0.25 0.25   | 300     | 0.138 0.124 0.375 | 30.1 6.7 -11.5   | 13.3 300.1   | 0.486 0.518 | 0.0 0.753   | 272 0.055 0.0 1.0 26.2 26.8 -46.1 53.3 300.1  |
| 175 | B15R_050_037de | 0.25 0.125 0.5   | 0.5 0.375 0.312   | 289     | 0.124 0.169 0.5   | 31.7 6.4 -17.8   | 18.9 289.7   | 0.64 0.545  | 0.0 0.646   | 263 0.0 0.117 1.0 27.9 17.1 -47.6 50.6 289.7  |
| 176 | B11R_062_050de | 0.25 0.125 0.625 | 0.625 0.5 0.375   | 284     | 0.125 0.217 0.625 | 34.1 6.3 -23.7   | 24.5 285.0   | 0.728 0.567 | 0.0 0.51    | 259 0.0 0.185 1.0 30.3 12.7 -47.5 49.1 285.0  |
| 177 | B09R_075_062de | 0.25 0.125 0.75  | 0.75 0.625 0.437  | 281     | 0.125 0.265 0.75  | 36.5 6.3 -29.5   | 30.2 282.1   | 0.79 0.595  | 0.0 0.371   | 257 0.0 0.224 1.0 31.8 10.1 -47.2 48.3 282.1  |
| 178 | B07R_087_075de | 0.25 0.125 0.875 | 0.875 0.75 0.5    | 279     | 0.125 0.312 0.875 | 38.9 6.3 -35.2   | 35.8 280.2   | 0.836 0.602 | 0.0 0.212   | 256 0.0 0.25 1.0 32.7 8.5 -47.0 47.8 280.2    |
| 179 | B06R_100_087de | 0.25 0.125 1.0   | 1.0 0.875 0.562   | 278     | 0.125 0.354 1.0   | 41.1 6.7 -41.1   | 41.7 279.3   | 0.875 0.617 | 0.0 0.007   | 255 0.0 0.262 1.0 33.2 7.7 -47.0 47.6 279.3   |
| 180 | Y00G_025_025de | 0.25 0.25 0.0    | 0.25 0.25 0.125   | 90      | 0.25 0.217 0.0    | 35.1 -0.8 20.9   | 20.9 92.3    | 0.0 0.343   | 0.686 0.75  | 83 1.0 0.868 0.0 85.1 -3.3 83.7 83.7 92.3     |
| 181 | Y00G_025_012de | 0.25 0.25 0.125  | 0.25 0.125 0.187  | 90      | 0.25 0.233 0.124  | 36.5 -0.4 10.4   | 10.4 92.3    | 0.0 0.139   | 0.508 0.797 | 83 1.0 0.868 0.0 85.1 -3.3 83.7 83.7 92.3     |
| 182 | NW_025de       | 0.25 0.25 0.25   | 0.25 0.0 0.25     | 360     | 0.25 0.25 0.25    | 37.9 0.0 0.0     | 0.0 0.0      | 0.0 0.003   | 0.053 0.81  | 360 1.0 1.0 1.0 96.3 0.0 0.0 0.0 0.0          |
| 183 | B00R_037_012de | 0.25 0.25 0.375  | 0.375 0.125 0.312 | 270     | 0.249 0.294 0.375 | 40.2 0.1 -5.8    | 5.8 271.7    | 0.207 0.133 | 0.0 0.75    | 249 0.0 0.358 1.0 36.7 1.4 -46.6 46.6 271.7   |
| 184 | B00R_050_025de | 0.25 0.25 0.5    | 0.5 0.25 0.375    | 270     | 0.249 0.339 0.5   | 42.5 0.3 -11.6   | 11.6 271.7   | 0.424 0.271 | 0.0 0.641   | 249 0.0 0.358 1.0 36.7 1.4 -46.6 46.6 271.7   |
| 185 | B00R_062_037de | 0.25 0.25 0.625  | 0.625 0.375 0.437 | 270     | 0.25 0.384 0.625  | 44.8 0.5 -17.4   | 17.4 271.7   | 0.547 0.347 | 0.0 0.509   | 249 0.0 0.358 1.0 36.7 1.4 -46.6 46.6 271.7   |
| 186 | B00R_075_050de | 0.25 0.25 0.75   | 0.75 0.5 0.5      | 270     | 0.25 0.429 0.75   | 47.0 0.7 -23.3   | 23.3 271.7   | 0.637 0.408 | 0.0 0.368   | 249 0.0 0.358 1.0 36.7 1.4 -46.6 46.6 271.7   |
| 187 | B00R_087_062de | 0.25 0.25 0.875  | 0.875 0.625 0.562 | 270     | 0.25 0.473 0.875  | 49.3 0.8 -29.1   | 29.1 271.7   | 0.697 0.438 | 0.0 0.214   | 249 0.0 0.358 1.0 36.7 1.4 -46.6 46.6 271.7   |
| 188 | B00R_100_075de | 0.25 0.25 1.0    | 1.0 0.75 0.625    | 270     | 0.25 0.518 1.0    | 51.6 1.0 -34.9   | 34.9 271.7   | 0.736 0.463 | 0.0 0.028   | 249 0.0 0.358 1.0 36.7 1.4 -46.6 46.6 271.7   |
| 189 | Y31G_037_037de | 0.25 0.375 0.0   | 0.375 0.375 0.187 | 109     | 0.198 0.375 0.0   | 39.4 -10.7 23.7  | 26.0 114.4   | 0.06 0.0    | 0.712 0.725 | 118 0.529 1.0 0.0 74.3 -28.7 63.3 69.5 114.4  |
| 190 | Y50G_037_025de | 0.25 0.375 0.125 | 0.375 0.25 0.25   | 120     | 0.212 0.375 0.124 | 40.4 -9.7 12.7   | 16.0 127.2   | 0.308 0.0   | 0.603 0.728 | 129 0.35 1.0 0.0 67.2 -38.9 51.1 64.2 127.2   |
| 191 | G00B_037_012de | 0.25 0.375 0.25  | 0.375 0.125 0.312 | 150     | 0.249 0.375 0.251 | 42.1 -8.6 2.7    | 9.0 162.2    | 0.372 0.0   | 0.37 0.706  | 193 0.0 1.0 0.011 51.7 -69.1 22.1 72.6 162.2  |
| 192 | G50B_037_012de | 0.25 0.375 0.375 | 0.375 0.125 0.312 | 210     | 0.249 0.375 0.339 | 42.7 -5.2 -3.9   | 6.5 216.9    | 0.308 0.0   | 0.123 0.722 | 150 0.0 1.0 0.712 56.3 -41.9 -31.5 52.4 216.9 |
| 193 | G75B_050_025de | 0.25 0.375 0.5   | 0.5 0.25 0.375    | 240     | 0.249 0.436 0.5   | 46.1 -5.4 -11.4  | 12.6 244.3   | 0.453 0.066 | 0.0 0.633   | 224 0.0 0.744 1.0 51.1 -21.9 -45.6 50.6 244.3 |
| 194 | G84B_062_037de | 0.25 0.375 0.625 | 0.625 0.375 0.437 | 251     | 0.25 0.466 0.625  | 48.0 -4.8 -17.3  | 18.0 254.3   | 0.564 0.214 | 0.0 0.503   | 234 0.0 0.578 1.0 45.4 -12.9 -46.2 48.0 254.3 |
| 195 | G88B_075_050de | 0.25 0.375 0.75  | 0.75 0.5 0.5      | 256     | 0.25 0.509 0.75   | 50.2 -4.5 -23.1  | 23.6 258.9   | 0.649 0.296 | 0.0 0.366   | 238 0.0 0.519 1.0 43.1 -9.0 -46.3 47.2 258.9  |
| 196 | G90B_087_062de | 0.25 0.375 0.875 | 0.875 0.625 0.562 | 259     | 0.25 0.552 0.875  | 52.4 -4.2 -29.0  | 29.3 261.6   | 0.707 0.355 | 0.0 0.208   | 241 0.0 0.484 1.0 41.7 -6.7 -46.4 46.9 261.6  |
| 197 | G92B_100_075de | 0.25 0.375 1.0   | 1.0 0.75 0.625    | 261     | 0.25 0.596 1.0    | 54.7 -3.9 -34.8  | 35.1 263.5   | 0.742 0.398 | 0.0 0.018   | 242 0.0 0.461 1.0 40.8 -5.2 -46.5 46.8 263.5  |
| 198 | Y50G_050_050de | 0.25 0.5 0.0     | 0.5 0.5 0.25      | 120     | 0.175 0.5 0.0     | 42.9 -19.4 25.5  | 32.1 172.2   | 0.519 0.0   | 0.801 0.619 | 129 0.35 1.0 0.0 67.2 -38.9 51.1 64.2 172.2   |
| 199 | Y68G_050_037de | 0.25 0.5 0.125   | 0.5 0.375 0.312   | 131     | 0.21 0.5 0.124    | 43.8 -18.4 15.3  | 23.9 140.0   | 0.543 0.0   | 0.704 0.607 | 137 0.229 1.0 0.0 60.1 -49.0 41.0 63.9 140.0  |
| 200 | G00B_050_025de | 0.25 0.5 0.25    | 0.5 0.25 0.375    | 150     | 0.249 0.5 0.252   | 46.2 -17.2 5.5   | 18.1 162.2   | 0.57 0.0    | 0.52 0.57   | 150 1.0 1.0 0.011 51.7 -69.1 22.1 72.6 162.2  |
| 201 | G25B_050_025de | 0.25 0.5 0.375   | 0.5 0.25 0.375    | 180     | 0.249 0.5 0.35    | 46.8 -13.8 -2.3  | 14.0 189.6   | 0.542 0.0   | 0.336 0.584 | 137 0.0 1.0 0.011 51.7 -69.1 22.1 72.6 162.2  |
| 202 | G50B_050_025de | 0.25 0.5 0.5     | 0.5 0.25 0.375    | 210     | 0.249 0.5 0.428   | 47.4 -10.4 -7.8  | 13.1 216.9   | 0.507 0.0   | 0.158 0.604 | 193 0.0 1.0 0.712 56.3 -41.9 -31.5 52.4 216.9 |
| 203 | G65B_062_037de | 0.25 0.5 0.625   | 0.625 0.375 0.437 | 229     | 0.25 0.625 0.622  | 52.7 -12.0 -16.8 | 20.7 234.3   | 0.589 0.0   | 0.019 0.484 | 209 0.0 1.0 0.993 57.8 -32.2 -44.8 55.2 234.3 |
| 204 | G75B_075_050de | 0.25 0.5 0.75    | 0.75 0.5 0.5      | 240     | 0.25 0.622 0.75   | 54.3 -10.9 -22.8 | 25.3 244.3   | 0.661 0.137 | 0.0 0.362   | 224 0.0 0.744 1.0 51.1 -21.9 -45.6 50.6 244.3 |
| 205 | G80B_087_062de | 0.25 0.5 0.875   | 0.875 0.625 0.562 | 247     | 0.25 0.64 0.875   | 55.9 -10.0 -28.7 | 30.4 250.7   | 0.72 0.242  | 0.0 0.209   | 231 0.0 0.625 1.0 47.2 -16.0 -45.9 48.7 250.7 |
| 206 | G84B_100_075de | 0.25 0.5 1.0     | 1.0 0.75 0.625    | 251     | 0.25 0.683 1.0    | 58.1 -9.6 -34.7  | 36.0 254.3   | 0.755 0.307 | 0.0 0.014   | 234 0.0 0.578 1.0 45.4 -12.9 -46.2 48.0 254.3 |
| 207 | Y61G_062_062de | 0.25 0.625 0.0   | 0.625 0.625 0.312 | 127     | 0.172 0.625 0.0   | 46.0 -28.8 28.0  | 39.9 135.4   | 0.659 0.0   | 0.874 0.485 | 134 0.275 1.0 0.0 62.5 -45.4 44.8 63.8 135.4  |
| 208 | Y76G_062_050de | 0.25 0.625 0.125 | 0.625 0.5 0.375   | 136     | 0.206 0.625 0.125 | 47.9 -26.8 18.1  | 32.4 145.9   | 0.659 0.0   | 0.768 0.463 | 141 0.163 1.0 0.0 57.9 -53.6 36.3 64.8 145.9  |
| 209 | G00B_062_037de | 0.25 0.625 0.25  | 0.625 0.375 0.437 | 150     | 0.25 0.625 0.254  | 50.4 -25.9 8.3   | 27.2 162.2   | 0.68 0.0    | 0.61 0.422  | 150 0.0 1.0 0.011 51.7 -69.1 22.1 72.6 162.2  |
| 210 | G15B_062_037de | 0.25 0.625 0.375 | 0.625 0.375 0.437 | 169     | 0.25 0.625 0.358  | 51.0 -22.6 0.1   | 22.6 179.5   | 0.67 0.0    | 0.466 0.432 | 166 0.0 1.0 0.288 53.2 -6.                    |



| n   | HIC*Fde        | rgb_Fde           | ict_Fde           | hsi_Fde | rgb*Fde           | LabCh*Fde       | cmyn*sep.Fde     | hsiMde            | rgb*Mde           | LabCh*Mde                   |
|-----|----------------|-------------------|-------------------|---------|-------------------|-----------------|------------------|-------------------|-------------------|-----------------------------|
| 243 | R00Y_037_037de | 0.375 0.0 0.0     | 0.375 0.375 0.187 | 390     | 0.375 0.0 0.049   | 29.4 24.8 11.8  | 27.5 25.4 0.0    | 0.751 0.674 0.683 | 383 1.0 0.0 0.131 | 47.6 66.3 31.6 73.4 25.4    |
| 244 | R18Y_037_037de | 0.375 0.0 0.125   | 0.375 0.375 0.187 | 371     | 0.375 0.0 0.231   | 29.6 26.5 2.0   | 26.5 4.3 0.0     | 0.745 0.363 0.691 | 352 1.0 0.0 0.617 | 48.0 70.7 5.3 70.9 4.3      |
| 245 | B65R_037_037de | 0.375 0.0 0.25    | 0.375 0.375 0.187 | 349     | 0.28 0.0 0.375    | 27.8 24.9 -5.9  | 25.6 346.6 0.0   | 0.688 0.0 0.747   | 315 0.747 0.0 1.0 | 43.2 66.6 -15.8 68.5 346.6  |
| 246 | B50R_037_037de | 0.375 0.0 0.375   | 0.375 0.375 0.187 | 330     | 0.157 0.0 0.375   | 24.7 18.7 -11.4 | 21.9 328.6 0.343 | 0.686 0.0 0.75    | 294 0.42 0.0 1.0  | 34.9 50.0 -30.5 58.6 328.6  |
| 247 | B38R_050_050de | 0.375 0.0 0.5     | 0.5 0.5 0.25      | 316     | 0.14 0.0 0.5      | 24.7 19.5 -19.3 | 27.5 315.3 0.642 | 0.798 0.0 0.623   | 285 0.281 0.0 1.0 | 30.9 39.1 -38.6 55.0 315.3  |
| 248 | B30R_062_062de | 0.375 0.0 0.625   | 0.625 0.625 0.312 | 307     | 0.09 0.0 0.625    | 24.5 20.1 -26.8 | 33.5 306.8 0.778 | 0.855 0.0 0.499   | 277 0.144 0.0 1.0 | 28.1 32.2 -43.0 53.7 306.8  |
| 249 | B25R_075_075de | 0.375 0.0 0.75    | 0.75 0.75 0.375   | 300     | 0.041 0.0 0.75    | 24.3 20.1 -34.5 | 40.0 300.1 0.895 | 0.904 0.0 0.363   | 272 0.055 0.0 1.0 | 26.2 26.8 -46.1 53.3 300.1  |
| 250 | B20R_087_087de | 0.375 0.0 0.875   | 0.875 0.875 0.437 | 295     | 0.0 0.003 0.875   | 24.2 19.9 -41.8 | 46.3 295.4 0.961 | 0.942 0.0 0.207   | 269 0.0 0.004 1.0 | 25.0 22.7 -47.8 52.9 295.4  |
| 251 | B18R_100_100de | 0.375 0.0 1.0     | 1.0 1.0 0.5       | 292     | 0.0 0.061 1.0     | 26.5 19.9 -47.8 | 51.8 292.5 1.0   | 0.938 0.0 0.0     | 266 0.0 0.061 1.0 | 26.5 19.9 -47.8 51.8 292.5  |
| 252 | R31Y_037_037de | 0.375 0.125 0.0   | 0.375 0.375 0.187 | 49      | 0.375 0.091 0.0   | 32.7 17.4 18.4  | 25.3 46.6 0.0    | 0.671 0.747 0.688 | 43 1.0 0.242 0.0  | 56.3 46.4 49.1 67.6 46.6    |
| 253 | R00Y_037_025de | 0.375 0.125 0.125 | 0.375 0.25 0.25   | 390     | 0.375 0.124 0.157 | 35.5 16.5 7.9   | 18.3 25.4 0.0    | 0.617 0.479 0.682 | 383 1.0 0.0 0.131 | 47.6 66.3 31.6 73.4 25.4    |
| 254 | R00Y_037_025de | 0.375 0.125 0.25  | 0.375 0.25 0.25   | 360     | 0.362 0.124 0.375 | 35.4 18.1 -2.5  | 18.3 352.0 0.0   | 0.608 0.135 0.699 | 327 0.948 0.0 1.0 | 47.3 72.7 -10.1 73.5 352.0  |
| 255 | B50R_037_025de | 0.375 0.125 0.375 | 0.375 0.25 0.25   | 330     | 0.23 0.124 0.375  | 32.3 12.5 -7.6  | 14.6 328.6 0.189 | 0.559 0.0 0.749   | 294 0.42 0.0 1.0  | 34.9 50.0 -30.5 58.6 328.6  |
| 256 | B34R_050_037de | 0.375 0.125 0.5   | 0.5 0.375 0.312   | 311     | 0.209 0.124 0.5   | 32.4 13.1 -15.3 | 20.2 310.5 0.499 | 0.635 0.0 0.637   | 282 0.225 0.0 1.0 | 29.5 35.1 -41.0 54.0 310.5  |
| 257 | B25R_062_050de | 0.375 0.125 0.625 | 0.625 0.5 0.375   | 300     | 0.152 0.125 0.625 | 32.1 13.4 -23.0 | 26.6 300.1 0.675 | 0.683 0.0 0.506   | 272 0.055 0.0 1.0 | 26.2 26.8 -46.1 53.3 300.1  |
| 258 | B19R_075_062de | 0.375 0.125 0.75  | 0.75 0.625 0.437  | 293     | 0.125 0.151 0.75  | 32.9 13.0 -29.9 | 32.6 293.5 0.781 | 0.709 0.0 0.371   | 267 0.0 0.042 1.0 | 26.0 20.8 -47.8 52.2 293.5  |
| 259 | B15R_087_075de | 0.375 0.125 0.875 | 0.875 0.75 0.5    | 289     | 0.125 0.213 0.875 | 35.3 12.8 -35.7 | 37.9 289.7 0.832 | 0.706 0.0 0.213   | 263 0.0 0.117 1.0 | 27.9 17.1 -47.6 50.6 289.7  |
| 260 | B13R_100_087de | 0.375 0.125 1.0   | 1.0 0.875 0.562   | 286     | 0.125 0.264 1.0   | 37.7 12.6 -41.6 | 43.5 286.9 0.877 | 0.715 0.0 0.008   | 261 0.0 0.159 1.0 | 29.3 14.4 -47.6 49.7 286.9  |
| 261 | R68Y_037_037de | 0.375 0.25 0.0    | 0.375 0.375 0.187 | 71      | 0.375 0.195 0.0   | 37.5 8.2 24.2   | 25.6 71.1 0.0    | 0.452 0.751 0.684 | 61 1.0 0.522 0.0  | 69.3 22.0 64.7 68.3 71.1    |
| 262 | R50Y_037_025de | 0.375 0.25 0.125  | 0.375 0.25 0.25   | 60      | 0.375 0.219 0.124 | 39.2 8.5 14.1   | 16.5 58.8 0.0    | 0.442 0.597 0.69  | 51 1.0 0.378 0.0  | 62.5 34.1 56.6 66.1 58.8    |
| 263 | R00Y_037_012de | 0.375 0.25 0.25   | 0.375 0.125 0.312 | 390     | 0.375 0.249 0.266 | 41.6 8.2 3.9    | 9.1 25.4 0.0     | 0.384 0.3 0.693   | 383 1.0 0.0 0.131 | 47.6 66.3 31.6 73.4 25.4    |
| 264 | B50R_037_012de | 0.375 0.25 0.375  | 0.375 0.125 0.312 | 330     | 0.302 0.249 0.375 | 40.0 6.2 -3.8   | 7.3 328.6 0.009  | 0.291 0.0 0.749   | 294 0.42 0.0 1.0  | 34.9 50.0 -30.5 58.6 328.6  |
| 265 | B25R_050_025de | 0.375 0.25 0.5    | 0.5 0.25 0.375    | 300     | 0.263 0.249 0.5   | 39.9 6.7 -11.5  | 13.3 300.1 0.382 | 0.434 0.0 0.638   | 272 0.055 0.0 1.0 | 26.2 26.8 -46.1 53.3 300.1  |
| 266 | B15R_062_037de | 0.375 0.25 0.625  | 0.625 0.375 0.437 | 289     | 0.25 0.294 0.625  | 41.5 6.4 -17.8  | 18.9 289.7 0.53  | 0.485 0.0 0.507   | 263 0.0 0.117 1.0 | 27.9 17.1 -47.6 50.6 289.7  |
| 267 | B11R_075_050de | 0.375 0.25 0.75   | 0.75 0.5 0.5      | 284     | 0.25 0.342 0.75   | 43.9 6.3 -23.7  | 24.5 285.0 0.631 | 0.517 0.0 0.363   | 259 0.0 0.185 1.0 | 30.3 12.7 -47.5 49.1 285.0  |
| 268 | B09R_087_062de | 0.375 0.25 0.875  | 0.875 0.625 0.562 | 281     | 0.25 0.39 0.875   | 46.2 6.3 -29.5  | 30.2 282.1 0.689 | 0.531 0.0 0.211   | 257 0.0 0.224 1.0 | 31.8 10.1 -47.2 48.3 282.1  |
| 269 | B07R_100_075de | 0.375 0.25 1.0    | 1.0 0.75 0.625    | 279     | 0.25 0.437 1.0    | 48.6 6.3 -35.2  | 35.8 280.2 0.73  | 0.539 0.0 0.024   | 256 0.0 0.25 1.0  | 32.7 8.5 -47.0 47.8 280.2   |
| 270 | Y00G_037_037de | 0.375 0.375 0.0   | 0.375 0.375 0.187 | 90      | 0.375 0.325 0.0   | 43.5 -1.2 31.3  | 31.4 92.3 0.0    | 0.15 0.75 0.685   | 83 1.0 0.868 0.0  | 85.1 -3.3 83.7 83.7 92.3    |
| 271 | Y00G_037_025de | 0.375 0.375 0.125 | 0.375 0.25 0.25   | 90      | 0.375 0.342 0.124 | 44.9 -0.8 20.9  | 20.9 92.3 0.0    | 0.172 0.658 0.694 | 83 1.0 0.868 0.0  | 85.1 -3.3 83.7 83.7 92.3    |
| 272 | Y00G_037_012de | 0.375 0.375 0.25  | 0.375 0.125 0.312 | 90      | 0.375 0.358 0.249 | 46.3 -0.4 10.4  | 10.4 92.3 0.0    | 0.122 0.415 0.701 | 83 1.0 0.868 0.0  | 85.1 -3.3 83.7 83.7 92.3    |
| 273 | NW_037de       | 0.375 0.375 0.375 | 0.375 0.0 0.375   | 360     | 0.375 0.375 0.375 | 47.7 0.0 0.0    | 0.0 0.0 0.0      | 0.016 0.067 0.714 | 360 1.0 1.0 1.0   | 96.3 0.0 0.0 0.0 0.0        |
| 274 | B00R_050_012de | 0.375 0.375 0.5   | 0.5 0.125 0.437   | 270     | 0.375 0.419 0.5   | 50.0 0.1 -5.8   | 5.8 271.7 0.187  | 0.111 0.0 0.641   | 249 0.0 0.358 1.0 | 36.7 1.4 -46.6 46.6 271.7   |
| 275 | B00R_062_025de | 0.375 0.375 0.625 | 0.625 0.25 0.5    | 270     | 0.375 0.464 0.625 | 52.2 0.3 -11.6  | 11.6 271.7 0.367 | 0.222 0.0 0.517   | 249 0.0 0.358 1.0 | 36.7 1.4 -46.6 46.6 271.7   |
| 276 | B00R_075_037de | 0.375 0.375 0.75  | 0.75 0.375 0.562  | 270     | 0.375 0.509 0.75  | 54.5 0.5 -17.4  | 17.4 271.7 0.49  | 0.295 0.0 0.38    | 249 0.0 0.358 1.0 | 36.7 1.4 -46.6 46.6 271.7   |
| 277 | B00R_087_050de | 0.375 0.375 0.875 | 0.875 0.5 0.625   | 270     | 0.375 0.554 0.875 | 56.8 0.7 -23.3  | 23.3 271.7 0.58  | 0.345 0.0 0.221   | 249 0.0 0.358 1.0 | 36.7 1.4 -46.6 46.6 271.7   |
| 278 | B00R_100_062de | 0.375 0.375 1.0   | 1.0 0.625 0.687   | 270     | 0.375 0.598 1.0   | 59.0 0.8 -29.1  | 29.1 271.7 0.654 | 0.383 0.0 0.03    | 249 0.0 0.358 1.0 | 36.7 1.4 -46.6 46.6 271.7   |
| 279 | Y23G_050_050de | 0.375 0.5 0.0     | 0.5 0.5 0.25      | 104     | 0.307 0.5 0.0     | 48.0 -11.8 35.2 | 37.2 108.6 0.265 | 0.0 0.797 0.625   | 112 0.615 1.0 0.0 | 77.6 -23.7 70.5 74.4 108.6  |
| 280 | Y31G_050_037de | 0.375 0.5 0.125   | 0.5 0.375 0.312   | 109     | 0.323 0.5 0.124   | 49.1 -10.7 23.7 | 26.0 114.4 0.258 | 0.0 0.706 0.625   | 118 0.529 1.0 0.0 | 74.3 -28.7 63.3 69.5 114.4  |
| 281 | Y50G_050_025de | 0.375 0.5 0.25    | 0.5 0.25 0.375    | 120     | 0.337 0.5 0.249   | 50.1 -9.7 12.7  | 16.0 127.2 0.282 | 0.0 0.515 0.615   | 129 0.35 1.0 0.0  | 67.2 -38.9 51.1 64.2 127.2  |
| 282 | G00B_050_012de | 0.375 0.5 0.375   | 0.5 0.125 0.437   | 150     | 0.375 0.5 0.376   | 51.8 -8.6 2.7   | 9.0 162.2 0.322  | 0.0 0.316 0.589   | 150 0.0 1.0 0.011 | 51.7 -69.1 22.1 72.6 162.2  |
| 283 | G50B_050_012de | 0.375 0.5 0.5     | 0.5 0.125 0.437   | 210     | 0.375 0.5 0.464   | 52.4 -5.2 -3.9  | 6.5 216.9 0.268  | 0.0 0.1 0.614     | 193 0.0 1.0 0.712 | 56.3 -41.9 -31.5 52.4 216.9 |
| 284 | G75B_062_025de | 0.375 0.5 0.625   | 0.625 0.25 0.5    | 240     | 0.375 0.561 0.625 | 55.8 -5.4 -11.4 | 12.6 244.3 0.394 | 0.054 0.0 0.508   | 224 0.0 0.744 1.0 | 51.1 -21.9 -45.6 50.6 244.3 |
| 285 | G84B_075_037de | 0.375 0.5 0.75    | 0.75 0.375 0.562  | 251     | 0.375 0.591 0.75  | 57.8 -4.8 -17.3 | 18.0 254.3 0.509 | 0.184 0.0 0.376   | 234 0.0 0.578 1.0 | 45.4 -12.9 -46.2 48.0 254.3 |
| 286 | G88B_087_050de | 0.375 0.5 0.875   | 0.875 0.5 0.625   | 256     | 0.375 0.634 0.875 | 60.0 -4.5 -23.1 | 23.6 258.9 0.593 | 0.253 0.0 0.215   | 238 0.0 0.519 1.0 | 43.1 -9.0 -46.3 47.2 258.9  |
| 287 | G90B_100_062de | 0.375 0.5 1.0     | 1.0 0.625 0.687   | 259     | 0.375 0.677 1.0   | 62.2 -4.2 -29.0 | 29.3 261.6 0.661 | 0.308 0.0 0.022   | 241 0.0 0.484 1.0 | 41.7 -6.7 -46.4 46.9 261.6  |
| 288 | Y38G_062_062de | 0.375 0.625 0.0   | 0.625 0.625 0.312 | 113     | 0.286 0.625 0.0   | 51.8 -20.2 36.4 | 41.7 119.1 0.444 | 0.0 0.872 0.488   | 122 0.458 1.0 0.0 | 71.7 -32.4 58.3 66.7 119.1  |
| 289 | Y50G_062_050de | 0.375 0.625 0.125 | 0.625 0.5 0.375   | 120     | 0.3 0.625 0.125   | 52.6 -19.4 25.5 | 32.1 127.2 0.461 | 0.0 0.76 0.478    | 129 0.35 1.0 0.0  | 67.2 -38.9 51.1 64.2 127.2  |
| 290 | Y68G_062_037de | 0.375 0.625 0.25  | 0.625 0.375 0.437 | 131     | 0.335 0.625 0.25  | 53.6 -18.4 15.3 | 23.9 140.0 0.481 | 0.0 0.613 0.465   | 137 0.229 1.0 0.0 | 60.1 -49.                   |

| n   | HIC*Fde        | rgb_Fde         | ict_Fde           | hsi_Fde | rgb*Fde           | LabCh*Fde       | cmyn*sep.Fde | hsiM.de               | rgb*Mde           | LabCh*Mde                   |
|-----|----------------|-----------------|-------------------|---------|-------------------|-----------------|--------------|-----------------------|-------------------|-----------------------------|
| 324 | R00Y_050_050de | 0.5 0.0 0.0     | 0.5 0.5 0.25      | 390     | 0.5 0.0 0.065     | 33.1 33.1 15.8  | 36.7 25.4    | 0.0 0.831 0.734 0.569 | 383 1.0 0.0 0.131 | 47.6 66.3 31.6 73.4 25.4    |
| 325 | R26Y_050_050de | 0.5 0.0 0.125   | 0.5 0.5 0.25      | 376     | 0.5 0.0 0.243     | 33.1 34.7 6.0   | 35.3 9.8     | 0.0 0.828 0.478 0.576 | 360 1.0 0.0 0.486 | 47.8 69.5 12.1 70.6 9.8     |
| 326 | R00Y_050_050de | 0.5 0.0 0.25    | 0.5 0.5 0.25      | 360     | 0.474 0.0 0.5     | 32.9 36.3 -5.0  | 36.7 352.0   | 0.0 0.82 0.068 0.589  | 327 0.948 0.0 1.0 | 47.3 72.7 -10.1 73.5 352.0  |
| 327 | B61R_050_050de | 0.5 0.0 0.375   | 0.5 0.5 0.25      | 344     | 0.331 0.0 0.5     | 29.8 31.0 -10.1 | 32.6 341.8   | 0.225 0.798 0.0 0.623 | 310 0.663 0.0 1.0 | 41.2 62.0 -20.3 65.2 341.8  |
| 328 | B50R_050_050de | 0.5 0.0 0.5     | 0.5 0.5 0.25      | 330     | 0.21 0.0 0.5      | 26.7 25.0 -15.2 | 29.3 328.6   | 0.476 0.798 0.0 0.623 | 294 0.42 0.0 1.0  | 34.9 50.0 -30.5 58.6 328.6  |
| 329 | B40R_062_062de | 0.5 0.0 0.625   | 0.625 0.625 0.312 | 319     | 0.191 0.0 0.625   | 26.7 25.9 -23.2 | 34.8 318.1   | 0.632 0.868 0.0 0.498 | 287 0.306 0.0 1.0 | 31.7 41.5 -37.1 55.7 318.1  |
| 330 | B34R_075_075de | 0.5 0.0 0.75    | 0.75 0.75 0.375   | 311     | 0.169 0.0 0.75    | 26.8 26.3 -30.7 | 40.5 310.5   | 0.748 0.908 0.0 0.365 | 282 0.225 0.0 1.0 | 29.5 35.1 -41.0 54.0 310.5  |
| 331 | B29R_087_087de | 0.5 0.0 0.875   | 0.875 0.875 0.375 | 305     | 0.098 0.0 0.875   | 26.4 26.8 -38.4 | 46.9 304.9   | 0.861 0.954 0.0 0.206 | 275 0.112 0.0 1.0 | 27.5 30.6 -43.9 53.6 304.9  |
| 332 | B25R_100_100de | 0.5 0.0 1.0     | 1.0 1.0 0.5       | 300     | 0.055 0.0 1.0     | 26.2 26.8 -46.1 | 53.3 300.1   | 0.944 1.0 0.0 0.0     | 272 0.055 0.0 1.0 | 26.2 26.8 -46.1 53.3 300.1  |
| 333 | R23Y_050_050de | 0.5 0.125 0.0   | 0.5 0.5 0.25      | 44      | 0.5 0.086 0.0     | 36.0 26.3 22.9  | 34.8 41.0    | 0.0 0.749 0.83 0.571  | 39 1.0 0.172 0.0  | 53.4 52.6 45.8 69.7 41.0    |
| 334 | R00Y_050_037de | 0.5 0.125 0.125 | 0.5 0.375 0.312   | 390     | 0.5 0.124 0.174   | 39.1 24.8 11.8  | 27.5 25.4    | 0.0 0.696 0.565 0.561 | 383 1.0 0.0 0.131 | 47.6 66.3 31.6 73.4 25.4    |
| 335 | R18Y_050_037de | 0.5 0.125 0.25  | 0.5 0.375 0.312   | 371     | 0.5 0.124 0.356   | 39.3 26.5 2.0   | 26.5 4.3     | 0.0 0.693 0.316 0.569 | 352 1.0 0.0 0.617 | 48.0 70.7 5.3 70.9 4.3      |
| 336 | B65R_050_037de | 0.5 0.125 0.375 | 0.5 0.375 0.312   | 349     | 0.405 0.124 0.5   | 37.5 24.9 -5.9  | 25.6 346.6   | 0.0 0.668 0.02 0.629  | 315 0.747 0.0 1.0 | 43.2 66.6 -15.8 68.5 346.6  |
| 337 | B50R_050_037de | 0.5 0.125 0.5   | 0.5 0.375 0.312   | 330     | 0.282 0.124 0.5   | 34.4 18.7 -11.4 | 21.9 328.6   | 0.31 0.67 0.0 0.633   | 294 0.42 0.0 1.0  | 34.9 50.0 -30.5 58.6 328.6  |
| 338 | B38R_062_050de | 0.5 0.125 0.625 | 0.625 0.5 0.375   | 316     | 0.265 0.125 0.625 | 34.4 19.5 -19.3 | 27.5 315.3   | 0.512 0.719 0.0 0.491 | 285 0.281 0.0 1.0 | 30.9 39.1 -38.6 55.0 315.3  |
| 339 | B30R_075_062de | 0.5 0.125 0.75  | 0.75 0.625 0.437  | 307     | 0.215 0.125 0.75  | 34.3 20.1 -26.8 | 33.5 306.8   | 0.655 0.768 0.0 0.356 | 277 0.144 0.0 1.0 | 28.1 32.2 -43.0 53.7 306.8  |
| 340 | B25R_087_075de | 0.5 0.125 0.875 | 0.875 0.75 0.5    | 300     | 0.166 0.125 0.875 | 34.0 20.1 -34.5 | 40.0 300.1   | 0.773 0.793 0.0 0.205 | 272 0.055 0.0 1.0 | 26.2 26.8 -46.1 53.3 300.1  |
| 341 | B20R_100_087de | 0.5 0.125 1.0   | 1.0 0.875 0.562   | 295     | 0.125 0.128 1.0   | 34.0 19.9 -41.8 | 46.3 295.4   | 0.869 0.821 0.0 0.021 | 269 0.0 0.004 1.0 | 25.0 22.7 -47.8 52.9 295.4  |
| 342 | R50Y_050_050de | 0.5 0.25 0.0    | 0.5 0.5 0.25      | 60      | 0.5 0.189 0.0     | 40.5 17.0 28.3  | 33.0 58.8    | 0.0 0.587 0.83 0.571  | 51 1.0 0.378 0.0  | 62.5 34.1 56.6 66.1 58.8    |
| 343 | R31Y_050_037de | 0.5 0.25 0.125  | 0.5 0.375 0.312   | 49      | 0.5 0.216 0.124   | 42.4 17.4 18.4  | 25.3 46.6    | 0.0 0.577 0.671 0.567 | 43 1.0 0.242 0.0  | 56.3 46.4 49.1 67.6 46.6    |
| 344 | R00Y_050_025de | 0.5 0.25 0.25   | 0.5 0.25 0.375    | 390     | 0.5 0.249 0.282   | 45.2 16.5 7.9   | 18.3 25.4    | 0.0 0.529 0.417 0.563 | 383 1.0 0.0 0.131 | 47.6 66.3 31.6 73.4 25.4    |
| 345 | R00Y_050_025de | 0.5 0.25 0.375  | 0.5 0.25 0.375    | 360     | 0.487 0.249 0.5   | 45.1 18.1 -2.5  | 18.3 352.0   | 0.0 0.522 0.126 0.581 | 327 0.948 0.0 1.0 | 47.3 72.7 -10.1 73.5 352.0  |
| 346 | B50R_050_025de | 0.5 0.25 0.5    | 0.5 0.25 0.375    | 330     | 0.355 0.249 0.5   | 42.1 13.5 -7.6  | 14.6 328.6   | 0.0 0.573 0.0 0.637   | 294 0.42 0.0 1.0  | 34.9 50.0 -30.5 58.6 328.6  |
| 347 | B34R_062_037de | 0.5 0.25 0.625  | 0.625 0.375 0.437 | 311     | 0.334 0.25 0.625  | 42.1 12.1 -15.3 | 20.2 310.5   | 0.405 0.453 0.0 0.498 | 282 0.225 0.0 1.0 | 29.5 35.1 -41.0 54.0 310.5  |
| 348 | B25R_075_050de | 0.5 0.25 0.75   | 0.75 0.5 0.5      | 300     | 0.277 0.25 0.75   | 41.8 13.4 -23.0 | 26.6 300.1   | 0.58 0.625 0.0 0.354  | 272 0.055 0.0 1.0 | 26.2 26.8 -46.1 53.3 300.1  |
| 349 | B19R_087_062de | 0.5 0.25 0.875  | 0.875 0.625 0.562 | 293     | 0.225 0.276 0.875 | 42.6 13.0 -29.9 | 32.6 293.5   | 0.678 0.64 0.0 0.21   | 267 0.0 0.042 1.0 | 26.0 20.8 -47.8 52.2 293.5  |
| 350 | B15R_100_075de | 0.5 0.25 1.0    | 1.0 0.75 0.625    | 289     | 0.25 0.338 1.0    | 45.0 12.8 -35.7 | 37.9 289.7   | 0.724 0.637 0.0 0.019 | 263 0.0 0.117 1.0 | 27.9 17.1 -47.6 50.6 289.7  |
| 351 | R76Y_050_050de | 0.5 0.375 0.0   | 0.5 0.5 0.25      | 76      | 0.5 0.292 0.0     | 45.6 8.1 34.5   | 35.4 76.7    | 0.0 0.433 0.867 0.5   | 65 1.0 0.584 0.0  | 72.7 16.2 69.0 70.9 76.7    |
| 352 | R68Y_050_037de | 0.5 0.375 0.125 | 0.5 0.375 0.312   | 71      | 0.5 0.32 0.124    | 47.3 8.2 24.2   | 25.6 71.1    | 0.0 0.409 0.715 0.577 | 61 1.0 0.522 0.0  | 69.3 22.0 64.7 68.3 71.1    |
| 353 | R50Y_050_025de | 0.5 0.375 0.25  | 0.5 0.25 0.375    | 60      | 0.5 0.344 0.249   | 49.0 8.5 14.1   | 16.5 58.8    | 0.0 0.385 0.513 0.576 | 51 1.0 0.378 0.0  | 62.5 34.1 56.6 66.1 58.8    |
| 354 | R00Y_050_012de | 0.5 0.375 0.375 | 0.5 0.125 0.437   | 390     | 0.5 0.375 0.391   | 51.3 8.2 3.9    | 9.1 25.4     | 0.0 0.327 0.257 0.582 | 383 1.0 0.0 0.131 | 47.6 66.3 31.6 73.4 25.4    |
| 355 | B50R_050_012de | 0.5 0.375 0.5   | 0.5 0.125 0.437   | 330     | 0.427 0.375 0.5   | 49.7 6.2 -3.8   | 7.3 328.6    | 0.0 0.239 0.0 0.644   | 294 0.42 0.0 1.0  | 34.9 50.0 -30.5 58.6 328.6  |
| 356 | B25R_062_025de | 0.5 0.375 0.625 | 0.625 0.25 0.5    | 300     | 0.388 0.375 0.625 | 49.6 6.7 -11.5  | 13.3 300.1   | 0.316 0.359 0.0 0.516 | 272 0.055 0.0 1.0 | 26.2 26.8 -46.1 53.3 300.1  |
| 357 | B15R_075_037de | 0.5 0.375 0.75  | 0.75 0.375 0.562  | 289     | 0.375 0.419 0.75  | 51.2 6.4 -17.8  | 18.9 289.7   | 0.476 0.411 0.0 0.378 | 263 0.0 0.117 1.0 | 27.9 17.1 -47.6 50.6 289.7  |
| 358 | B11R_087_050de | 0.5 0.375 0.875 | 0.875 0.5 0.625   | 284     | 0.375 0.467 0.875 | 53.6 6.3 -23.7  | 24.5 285.0   | 0.571 0.437 0.0 0.218 | 259 0.0 0.185 1.0 | 30.3 12.7 -47.5 49.1 285.0  |
| 359 | B09R_100_062de | 0.5 0.375 1.0   | 1.0 0.625 0.687   | 281     | 0.375 0.515 1.0   | 56.0 6.3 -29.5  | 30.2 282.1   | 0.649 0.456 0.0 0.024 | 257 0.0 0.224 1.0 | 31.8 10.1 -47.2 48.3 282.1  |
| 360 | Y00G_050_050de | 0.5 0.5 0.0     | 0.5 0.5 0.25      | 90      | 0.5 0.434 0.0     | 51.8 -1.6 41.8  | 41.8 92.3    | 0.0 0.216 0.867 0.5   | 83 1.0 0.868 0.0  | 85.1 -3.3 83.7 83.7 92.3    |
| 361 | Y00G_050_037de | 0.5 0.5 0.125   | 0.5 0.375 0.312   | 90      | 0.5 0.45 0.124    | 53.2 -1.2 31.3  | 31.4 92.3    | 0.0 0.182 0.755 0.579 | 83 1.0 0.868 0.0  | 85.1 -3.3 83.7 83.7 92.3    |
| 362 | Y00G_050_025de | 0.5 0.5 0.25    | 0.5 0.25 0.375    | 90      | 0.5 0.467 0.249   | 54.6 -0.8 20.9  | 20.9 92.3    | 0.0 0.149 0.576 0.582 | 83 1.0 0.868 0.0  | 85.1 -3.3 83.7 83.7 92.3    |
| 363 | Y00G_050_012de | 0.5 0.5 0.375   | 0.5 0.125 0.437   | 90      | 0.5 0.483 0.375   | 56.0 -0.4 10.4  | 10.4 92.3    | 0.0 0.103 0.364 0.59  | 83 1.0 0.868 0.0  | 85.1 -3.3 83.7 83.7 92.3    |
| 364 | NW_050de       | 0.5 0.5 0.5     | 0.5 0.0 0.5       | 360     | 0.5 0.5 0.5       | 57.4 0.0 0.0    | 0.0 0.0      | 0.0 0.033 0.072 0.612 | 360 1.0 1.0 1.0   | 96.3 0.0 0.0 0.0 0.0        |
| 365 | B00R_062_012de | 0.5 0.5 0.625   | 0.625 0.125 0.562 | 270     | 0.5 0.544 0.625   | 59.7 0.1 -5.8   | 5.8 271.7    | 0.176 0.085 0.0 0.519 | 249 0.0 0.358 1.0 | 36.7 1.4 -46.6 46.6 271.7   |
| 366 | B00R_075_025de | 0.5 0.5 0.75    | 0.75 0.25 0.625   | 270     | 0.5 0.589 0.75    | 62.0 0.3 -11.6  | 11.6 271.7   | 0.332 0.183 0.0 0.388 | 249 0.0 0.358 1.0 | 36.7 1.4 -46.6 46.6 271.7   |
| 367 | B00R_087_037de | 0.5 0.5 0.875   | 0.875 0.375 0.687 | 270     | 0.5 0.634 0.875   | 64.2 0.5 -17.4  | 17.4 271.7   | 0.456 0.251 0.0 0.223 | 249 0.0 0.358 1.0 | 36.7 1.4 -46.6 46.6 271.7   |
| 368 | B00R_100_050de | 0.5 0.5 1.0     | 1.0 0.5 0.75      | 270     | 0.5 0.679 1.0     | 66.5 0.7 -23.3  | 23.3 271.7   | 0.541 0.302 0.0 0.029 | 249 0.0 0.358 1.0 | 36.7 1.4 -46.6 46.6 271.7   |
| 369 | Y18G_062_062de | 0.5 0.625 0.0   | 0.625 0.625 0.312 | 101     | 0.435 0.625 0.0   | 57.7 -12.6 46.7 | 48.3 105.1   | 0.0 0.867 0.5         | 107 0.696 1.0 0.0 | 81.2 -20.2 74.7 77.4 105.1  |
| 370 | Y23G_062_050de | 0.5 0.625 0.125 | 0.625 0.5 0.375   | 104     | 0.432 0.625 0.125 | 57.8 -11.8 35.2 | 37.2 108.6   | 0.225 0.0 0.786 0.513 | 112 0.615 1.0 0.0 | 77.6 -23.7 70.5 74.4 108.6  |
| 371 | Y31G_062_037de | 0.5 0.625 0.25  | 0.625 0.375 0.437 | 109     | 0.448 0.625 0.25  | 58.9 -10.7 23.7 | 26.0 114.4   | 0.241 0.0 0.623 0.503 | 118 0.529 1.0 0.0 | 74.3 -28.7 63.3 69.5 114.4  |
| 372 | Y50G_062_025de | 0.5 0.625 0.375 | 0.625 0.25 0.5    | 120     | 0.462 0.625 0.375 | 59.9 -9.7 12.7  | 16.0 127.2   | 0.266 0.0 0.46 0.491  | 129 0.35 1.0 0.0  | 67.2 -38.9 51.1 64.2 127.2  |
| 373 | G00B_062_012de | 0.5 0.625 0.5   | 0.625 0.125 0.562 | 150     | 0.5 0.625 0.501   | 61.6 -8.6 2.7   | 9.0 162.2    | 0.305 0.0 0.279 0.465 | 150 0.0 1.0 0.011 | 51.7 -69.1 22.1 72.6 162.2  |
| 374 | G50B_062_012de | 0.5 0.625 0.625 | 0.625 0.125 0.562 | 210     | 0.5 0.625 0.589   | 62.1 -5.2 -3.9  | 6.5 216.9    | 0.258 0.0 0.085 0.491 | 193 0.0 1.0 0.712 | 56.3 -41.9 -31.5 52.4 216.9 |
| 375 | G75B_075_025de | 0.5 0.625 0.75  | 0.75 0.25 0.625   | 240     | 0.5 0.686 0.75    | 65.6 -5.4 -11.4 | 12.6 244.3   | 0.369 0.043 0.0 0.373 | 224 0.0 0.744 1.0 | 51.1 -21.9 -45.6 50.6 244.3 |
| 376 | G84B_087_037de | 0.5 0.625 0.875 | 0.875 0.375 0.687 | 251     | 0.5 0.716 0.875   | 67.5 -4.8 -17.3 | 18.0 254.3   | 0.477 0.152 0.0 0.214 | 234 0.0 0.578 1.0 | 45.4 -12.9 -46.2 48.0 254.3 |
| 377 | G88B_100_050de | 0.5 0.625 1.0   | 1.0 0.5 0.75      | 256     | 0.5 0.759 1.0     | 69.7 -4.5 -23.1 | 23.6 258.9   | 0.555 0.22 0.0 0.023  | 238 0.0 0.519 1.0 | 43.1 -9.0 -46.3 47.2 258.9  |
| 378 | Y31G_075_075de | 0.5 0.75 0.0    | 0.75 0.75 0.375   | 109     | 0.396 0.75 0.0    | 60.3 -21.5 47.4 | 52.1 114.4   | 0.434 0.0 0.921 0.358 | 118 0.529 1.0 0.0 | 74.3 -28.7 63.3 69.5 114.4  |
| 379 | Y38G_075_062de | 0.5 0.75 0.125  | 0.75 0.625 0.437  | 113     | 0.411 0.75 0.125  | 61.5 -20.2 36.4 | 41.7 119.1   | 0.428 0.0 0.821 0.347 | 122 0.458 1.0 0.0 | 71.7 -32.4 58.3 66.7 119.1  |
| 380 | Y50G_075_050de | 0.5 0.75 0.25   | 0.75 0.5 0.5      | 120     | 0.425 0.75 0.25   | 62.3 -19.4 25.5 | 32.1 142.7   | 0.438 0.0 0.691 0.335 | 127 0.35 1.0 0.0  | 67.2 -38.9 51.1 64.2 127.2  |
| 381 | Y68G_075_037de | 0.5 0.75 0.375  | 0.75 0.375 0.562  | 131     | 0.46 0.75 0.375   | 63.3 -18.4 15.3 | 23.9 140.0   | 0.457 0.0 0.559 0.322 | 137 0.229 1.0 0.0 | 60.1 -49.0 41.0 63.9 140.0  |
| 382 | G00B_075_025de | 0.5 0.75 0.5    | 0.75 0.25 0.625   | 150     | 0.5 0.75 0.502    | 65.7 -17.2 5.5  | 18.1 162.2   | 0.483 0.0 0.413 0.279 | 150 0.0 1.0 0.011 | 51.7 -69.1 22.1 72.6 162.2  |
| 383 | G25B_075_025de | 0.5 0.75 0.625  | 0.75 0.25 0.625   | 180     | 0.5 0             |                 |              |                       |                   |                             |

http://130.149.60.45/~farbmetrik/SI15/SI15L0FP.PDF /.PS; 3D-linearizzazzone  
F: 3D-linearizzazzone SI15/SI15LI30FP.DAT nel file (F), pagina 25/33

| n   | HIC*Fde        | rgb_Fde           | ict_Fde           | hsi_Fde | rgb*Fde           | LabCh*Fde       | cmyn*sep.Fde | hsi.Mde     | rgb*Mde     | LabCh*Mde                                    |
|-----|----------------|-------------------|-------------------|---------|-------------------|-----------------|--------------|-------------|-------------|----------------------------------------------|
| 405 | R00Y_062_062da | 0.625 0.0 0.0     | 0.625 0.625 0.312 | 390     | 0.625 0.0 0.082   | 36.7 41.4 19.7  | 45.9 25.4    | 0.0 0.891   | 0.786 0.444 | 383 47.6 66.3 31.6 73.4 25.4                 |
| 406 | R31Y_062_062da | 0.625 0.0 0.125   | 0.625 0.625 0.312 | 379     | 0.625 0.0 0.258   | 36.8 42.9 10.1  | 44.1 13.2    | 0.0 0.889   | 0.561 0.448 | 365 47.8 68.7 16.1 70.6 13.2                 |
| 407 | R11Y_062_062da | 0.625 0.0 0.25    | 0.625 0.625 0.312 | 367     | 0.625 0.0 0.46    | 37.0 44.9 -0.1  | 44.9 359.8   | 0.0 0.887   | 0.307 0.454 | 344 48.1 71.9 -0.1 71.9 359.8                |
| 408 | B69R_062_062da | 0.625 0.0 0.375   | 0.625 0.625 0.312 | 353     | 0.548 0.0 0.625   | 35.6 44.2 -7.4  | 44.8 350.4   | 0.0 0.868   | 0.047 0.498 | 323 48.7 70.7 10.1 71.7 350.4                |
| 409 | B59R_062_062da | 0.625 0.0 0.5     | 0.625 0.625 0.312 | 341     | 0.382 0.0 0.625   | 31.9 37.0 -14.1 | 39.6 339.0   | 0.299 0.869 | 0.0 0.496   | 307 49.2 70.9 39.9 59.2 -22.6 63.4 339.0     |
| 410 | B50R_062_062da | 0.625 0.0 0.625   | 0.625 0.625 0.312 | 330     | 0.262 0.0 0.625   | 28.8 31.2 -19.0 | 36.6 328.6   | 0.48 0.868  | 0.0 0.498   | 294 49.2 70.9 34.9 50.0 -30.5 58.6 328.6     |
| 411 | B42R_075_075da | 0.625 0.0 0.75    | 0.75 0.75 0.375   | 321     | 0.242 0.0 0.75    | 28.7 32.3 -27.0 | 42.1 320.0   | 0.622 0.921 | 0.0 0.357   | 288 32.3 70.9 32.2 43.0 -36.0 56.1 320.0     |
| 412 | B36R_087_087da | 0.625 0.0 0.875   | 0.875 0.875 0.437 | 314     | 0.231 0.0 0.875   | 28.9 32.8 -34.6 | 47.7 313.4   | 0.732 0.96  | 0.0 0.201   | 284 0.264 0.0 1.0 30.4 37.5 -39.6 54.5 313.4 |
| 413 | B31R_100_100da | 0.625 0.0 1.0     | 1.0 1.0 0.5       | 308     | 0.164 0.0 1.0     | 28.5 32.9 -42.5 | 53.8 307.7   | 0.834 1.0   | 0.0 0.0     | 278 0.164 0.0 1.0 28.5 32.9 -42.5 53.8 307.7 |
| 414 | R18Y_062_062da | 0.625 0.125 0.0   | 0.625 0.625 0.312 | 41      | 0.625 0.081 0.0   | 39.3 35.1 27.1  | 44.4 37.7    | 0.0 0.814   | 0.89 0.445  | 36 1.0 0.13 0.0 51.7 56.1 43.4 71.0 37.7     |
| 415 | R00Y_062_050da | 0.625 0.125 0.125 | 0.625 0.5 0.375   | 390     | 0.625 0.125 0.19  | 42.8 33.1 15.8  | 36.7 25.4    | 0.0 0.759   | 0.621 0.429 | 383 1.0 0.0 0.131 47.6 66.3 31.6 73.4 25.4   |
| 416 | R26Y_062_050da | 0.625 0.125 0.25  | 0.625 0.5 0.375   | 376     | 0.625 0.125 0.368 | 42.9 34.7 6.0   | 35.3 9.8     | 0.0 0.759   | 0.414 0.436 | 360 1.0 0.0 0.486 47.8 69.5 12.1 70.6 9.8    |
| 417 | R00Y_062_050da | 0.625 0.125 0.375 | 0.625 0.5 0.375   | 360     | 0.599 0.125 0.625 | 42.6 36.3 -5.0  | 36.7 352.0   | 0.0 0.752   | 0.111 0.457 | 327 0.948 0.0 1.0 47.3 72.7 -10.1 73.5 352.0 |
| 418 | B61R_062_050da | 0.625 0.125 0.5   | 0.625 0.5 0.375   | 344     | 0.456 0.125 0.625 | 39.6 31.0 -10.1 | 32.6 341.8   | 0.135 0.718 | 0.0 0.507   | 310 0.663 0.0 1.0 41.2 62.0 -20.3 65.2 341.8 |
| 419 | B50R_062_050da | 0.625 0.125 0.625 | 0.625 0.5 0.375   | 330     | 0.335 0.125 0.625 | 36.4 25.0 -15.2 | 29.3 328.6   | 0.356 0.726 | 0.0 0.495   | 294 0.42 0.0 1.0 34.9 50.0 -30.5 58.6 328.6  |
| 420 | B40R_075_062da | 0.625 0.125 0.75  | 0.75 0.625 0.437  | 319     | 0.316 0.125 0.75  | 36.4 25.9 -23.2 | 34.8 318.1   | 0.532 0.784 | 0.0 0.348   | 287 0.306 0.0 1.0 31.7 41.5 -37.1 55.7 318.1 |
| 421 | B34R_087_075da | 0.625 0.125 0.875 | 0.875 0.75 0.5    | 311     | 0.294 0.125 0.875 | 36.5 26.3 -30.7 | 40.5 310.5   | 0.644 0.814 | 0.0 0.194   | 282 0.225 0.0 1.0 29.5 35.1 -41.0 54.0 310.5 |
| 422 | B29R_100_087da | 0.625 0.125 1.0   | 1.0 0.875 0.562   | 305     | 0.223 0.125 1.0   | 36.1 26.8 -38.4 | 46.9 304.9   | 0.734 0.852 | 0.0 0.005   | 275 0.112 0.0 1.0 27.5 30.6 -43.9 53.6 304.9 |
| 423 | R38Y_062_062da | 0.625 0.25 0.0    | 0.625 0.625 0.312 | 53      | 0.625 0.182 0.0   | 43.5 26.2 32.5  | 41.8 51.0    | 0.0 0.683   | 0.889 0.448 | 46 1.0 0.292 0.0 58.5 42.0 52.1 66.9 51.0    |
| 424 | R23Y_062_050da | 0.625 0.25 0.125  | 0.625 0.5 0.375   | 44      | 0.625 0.211 0.125 | 45.7 26.3 22.9  | 34.8 41.0    | 0.0 0.669   | 0.726 0.431 | 39 1.0 0.172 0.0 53.4 52.6 45.8 69.7 41.0    |
| 425 | R00Y_062_037da | 0.625 0.25 0.25   | 0.625 0.375 0.437 | 390     | 0.625 0.25 0.299  | 48.9 24.8 11.8  | 27.5 25.4    | 0.0 0.623   | 0.485 0.418 | 383 1.0 0.0 0.131 47.6 66.3 31.6 73.4 25.4   |
| 426 | R18Y_062_037da | 0.625 0.25 0.375  | 0.625 0.375 0.437 | 371     | 0.625 0.25 0.481  | 49.0 26.5 2.0   | 26.5 4.3     | 0.0 0.622   | 0.272 0.429 | 352 1.0 0.0 0.617 48.0 70.7 5.3 70.9 4.3     |
| 427 | B65R_062_037da | 0.625 0.25 0.5    | 0.625 0.375 0.437 | 349     | 0.53 0.25 0.625   | 47.2 24.9 -5.9  | 25.6 346.6   | 0.0 0.586   | 0.04 0.498  | 315 0.747 0.0 1.0 43.2 66.6 -15.8 68.5 346.6 |
| 428 | B50R_062_037da | 0.625 0.25 0.625  | 0.625 0.375 0.437 | 330     | 0.407 0.25 0.625  | 44.1 18.7 -11.4 | 21.9 328.6   | 0.244 0.56  | 0.0 0.51    | 294 0.42 0.0 1.0 34.9 50.0 -30.5 58.6 328.6  |
| 429 | B38R_075_050da | 0.625 0.25 0.75   | 0.75 0.5 0.5      | 316     | 0.39 0.25 0.75    | 44.1 19.5 -19.3 | 27.5 315.3   | 0.451 0.625 | 0.0 0.359   | 285 0.281 0.0 1.0 30.9 39.1 -38.6 55.0 315.3 |
| 430 | B30R_087_062da | 0.625 0.25 0.875  | 0.875 0.625 0.562 | 307     | 0.34 0.25 0.875   | 44.0 20.1 -26.8 | 33.5 306.8   | 0.672 0.0   | 0.201       | 277 0.144 0.0 1.0 28.1 32.2 -43.0 53.7 306.8 |
| 431 | B25R_100_075da | 0.625 0.25 1.0    | 1.0 0.75 0.625    | 300     | 0.291 0.25 1.0    | 43.7 20.1 -34.5 | 40.0 300.1   | 0.692 0.714 | 0.0 0.0     | 272 0.055 0.0 1.0 26.2 26.8 -46.1 53.3 300.1 |
| 432 | R61Y_062_062da | 0.625 0.375 0.0   | 0.625 0.625 0.312 | 67      | 0.625 0.294 0.0   | 48.6 16.6 38.5  | 41.9 66.6    | 0.0 0.548   | 0.89 0.446  | 58 1.0 0.47 0.0 66.7 26.5 61.6 67.1 66.6     |
| 433 | R50Y_062_050da | 0.625 0.375 0.125 | 0.625 0.5 0.375   | 60      | 0.625 0.314 0.125 | 50.2 17.0 28.3  | 33.0 58.8    | 0.0 0.532   | 0.756 0.433 | 51 1.0 0.378 0.0 62.5 34.1 56.6 66.1 58.8    |
| 434 | R31Y_062_037da | 0.625 0.375 0.25  | 0.625 0.375 0.437 | 49      | 0.625 0.341 0.25  | 52.1 17.4 18.4  | 25.3 46.6    | 0.0 0.52    | 0.578 0.422 | 43 1.0 0.242 0.0 56.3 46.4 49.1 67.6 46.6    |
| 435 | R00Y_062_025da | 0.625 0.375 0.375 | 0.625 0.25 0.5    | 390     | 0.625 0.375 0.407 | 55.0 16.5 7.9   | 18.3 25.4    | 0.0 0.474   | 0.352 0.42  | 383 1.0 0.0 0.131 47.6 66.3 31.6 73.4 25.4   |
| 436 | R00Y_062_025da | 0.625 0.375 0.5   | 0.625 0.25 0.5    | 360     | 0.612 0.375 0.625 | 54.9 18.1 -2.5  | 18.3 352.0   | 0.0 0.465   | 0.109 0.439 | 327 0.948 0.0 1.0 47.3 72.7 -10.1 73.5 352.0 |
| 437 | B50R_062_025da | 0.625 0.375 0.625 | 0.625 0.25 0.5    | 330     | 0.48 0.375 0.625  | 51.8 12.5 -7.6  | 14.6 328.6   | 0.12 0.39   | 0.0 0.517   | 294 0.42 0.0 1.0 34.9 50.0 -30.5 58.6 328.6  |
| 438 | B34R_075_037da | 0.625 0.375 0.75  | 0.75 0.375 0.562  | 311     | 0.459 0.375 0.75  | 51.8 13.1 -15.3 | 20.2 310.5   | 0.369 0.465 | 0.0 0.376   | 282 0.225 0.0 1.0 29.5 35.1 -41.0 54.0 310.5 |
| 439 | B25R_087_050da | 0.625 0.375 0.875 | 0.875 0.5 0.625   | 300     | 0.402 0.375 0.875 | 51.5 13.4 -23.0 | 26.6 300.1   | 0.534 0.525 | 0.0 0.211   | 272 0.055 0.0 1.0 26.2 26.8 -46.1 53.3 300.1 |
| 440 | B19R_100_062da | 0.625 0.375 1.0   | 1.0 0.625 0.687   | 293     | 0.375 0.401 1.0   | 52.4 13.0 -29.9 | 32.6 293.5   | 0.642 0.55  | 0.0 0.017   | 267 0.0 0.042 1.0 26.0 20.8 -47.8 52.2 293.5 |
| 441 | R81Y_062_062da | 0.625 0.5 0.0     | 0.625 0.625 0.312 | 79      | 0.625 0.388 0.0   | 53.7 7.8 44.6   | 45.2 80.0    | 0.0 0.407   | 0.892 0.442 | 68 1.0 0.622 0.0 74.8 12.5 71.3 72.4 80.0    |
| 442 | R76Y_062_050da | 0.625 0.5 0.125   | 0.625 0.5 0.375   | 76      | 0.625 0.417 0.125 | 55.3 8.1 34.5   | 35.4 76.7    | 0.0 0.383   | 0.784 0.433 | 65 1.0 0.584 0.0 72.7 16.2 69.0 70.9 76.7    |
| 443 | R68Y_062_037da | 0.625 0.5 0.25    | 0.625 0.375 0.437 | 71      | 0.625 0.445 0.25  | 57.0 8.2 24.2   | 25.6 71.1    | 0.0 0.36    | 0.618 0.431 | 61 1.0 0.522 0.0 69.3 22.0 64.7 68.3 71.1    |
| 444 | R50Y_062_025da | 0.625 0.5 0.375   | 0.625 0.25 0.5    | 60      | 0.625 0.469 0.375 | 58.7 8.5 14.1   | 16.5 58.8    | 0.0 0.336   | 0.437 0.432 | 51 1.0 0.378 0.0 62.5 34.1 56.6 66.1 58.8    |
| 445 | R00Y_062_012da | 0.625 0.5 0.5     | 0.625 0.125 0.562 | 390     | 0.625 0.5 0.516   | 61.1 8.2 3.9    | 9.1 25.4     | 0.0 0.287   | 0.21 0.437  | 383 1.0 0.0 0.131 47.6 66.3 31.6 73.4 25.4   |
| 446 | B50R_062_012da | 0.625 0.5 0.625   | 0.625 0.125 0.562 | 330     | 0.552 0.5 0.625   | 59.5 6.2 -3.8   | 7.3 328.6    | 0.0 0.197   | 0.0 0.509   | 294 0.42 0.0 1.0 34.9 50.0 -30.5 58.6 328.6  |
| 447 | B25R_075_025da | 0.625 0.5 0.75    | 0.75 0.25 0.625   | 300     | 0.513 0.5 0.75    | 59.3 6.7 -11.5  | 13.3 300.1   | 0.0 0.281   | 0.307 0.379 | 272 0.055 0.0 1.0 26.2 26.8 -46.1 53.3 300.1 |
| 448 | B15R_087_037da | 0.625 0.5 0.875   | 0.875 0.375 0.687 | 289     | 0.5 0.544 0.875   | 60.9 6.4 -17.8  | 18.9 289.7   | 0.434 0.353 | 0.0 0.221   | 263 0.0 0.117 1.0 27.9 17.1 -47.6 50.6 289.7 |
| 449 | B11R_100_050da | 0.625 0.5 1.0     | 1.0 0.5 0.75      | 284     | 0.5 0.592 1.0     | 63.3 6.3 -23.7  | 24.5 285.0   | 0.527 0.388 | 0.0 0.021   | 259 0.0 0.185 1.0 30.3 12.7 -47.5 49.1 285.0 |
| 450 | Y00G_062_062da | 0.625 0.625 0.0   | 0.625 0.625 0.312 | 90      | 0.625 0.542 0.0   | 60.1 -2.1 52.3  | 52.3 92.3    | 0.0 0.201   | 0.894 0.436 | 83 1.0 0.868 0.0 85.1 -3.3 83.7 83.7 92.3    |
| 451 | Y00G_062_050da | 0.625 0.625 0.125 | 0.625 0.5 0.375   | 90      | 0.625 0.559 0.125 | 61.5 -1.6 41.8  | 41.8 92.3    | 0.0 0.176   | 0.807 0.434 | 83 1.0 0.868 0.0 85.1 -3.3 83.7 83.7 92.3    |
| 452 | Y00G_062_037da | 0.625 0.625 0.25  | 0.625 0.375 0.437 | 90      | 0.625 0.575 0.25  | 62.9 -1.2 31.3  | 31.4 92.3    | 0.0 0.154   | 0.659 0.433 | 83 1.0 0.868 0.0 85.1 -3.3 83.7 83.7 92.3    |
| 453 | Y00G_062_025da | 0.625 0.625 0.375 | 0.625 0.25 0.5    | 90      | 0.625 0.592 0.375 | 64.3 -0.8 20.9  | 20.9 92.3    | 0.0 0.127   | 0.497 0.435 | 83 1.0 0.868 0.0 85.1 -3.3 83.7 83.7 92.3    |
| 454 | Y00G_062_012da | 0.625 0.625 0.5   | 0.625 0.125 0.562 | 90      | 0.625 0.608 0.5   | 65.7 -0.4 10.4  | 10.4 92.3    | 0.0 0.085   | 0.302 0.445 | 83 1.0 0.868 0.0 85.1 -3.3 83.7 83.7 92.3    |
| 455 | NW_062da       | 0.625 0.625 0.625 | 0.625 0.0 0.625   | 360     | 0.625 0.625 0.625 | 67.1 0.0 0.0    | 0.0 0.0      | 0.0 0.014   | 0.045 0.469 | 360 1.0 1.0 1.0 96.3 0.0 0.0 0.0 0.0         |
| 456 | B00R_075_012da | 0.625 0.625 0.75  | 0.75 0.125 0.687  | 270     | 0.625 0.669 0.75  | 69.4 0.1 -5.8   | 5.8 271.7    | 0.139 0.078 | 0.0 0.377   | 249 0.0 0.358 1.0 36.7 1.4 -46.6 46.6 271.7  |
| 457 | B00R_087_025da | 0.625 0.625 0.875 | 0.875 0.25 0.75   | 270     | 0.625 0.714 0.875 | 71.7 0.3 -11.6  | 11.6 271.7   | 0.299 0.166 | 0.0 0.217   | 249 0.0 0.358 1.0 36.7 1.4 -46.6 46.6 271.7  |
| 458 | B00R_100_037da | 0.625 0.625 1.0   | 1.0 0.375 0.812   | 270     | 0.625 0.759 1.0   | 74.0 0.5 -17.4  | 17.4 271.7   | 0.409 0.225 | 0.0 0.032   | 249 0.0 0.358 1.0 36.7 1.4 -46.6 46.6 271.7  |
| 459 | Y15G_075_075da | 0.625 0.75 0.0    | 0.75 0.75 0.375   | 99      | 0.567 0.75 0.0    | 67.5 -13.2 58.1 | 59.5 102.7   | 0.168 0.0   | 0.924 0.349 | 103 0.756 1.0 0.0 83.8 -17.6 77.4 79.4 102.7 |
| 460 | Y18G_075_062da | 0.625 0.75 0.125  | 0.75 0.625 0.437  | 101     | 0.56 0.75 0.125   | 67.4 -12.6 46.7 | 48.3 105.1   | 0.185 0.0   | 0.836 0.356 | 107 0.696 1.0 0.0 81.2 -20.2 74.7 77.4 105.1 |
| 461 | Y23G_075_050da | 0.625 0.75 0.25   | 0.75 0.5 0.5      | 104     | 0.557 0.75 0.25   | 67.5 -11.8 35.2 | 37.2 108.6   | 0.203 0.0   | 0.706 0.36  | 112 0.615 1.0 0.0 77.6 -23.7 70.5 74.4 108.6 |
| 462 | Y31G_075_037da | 0.625 0.75 0.375  | 0.75 0.375 0.562  | 107     | 0.573 0.75 0.375  | 68.6 -10.7 23.7 | 26.0 114.4   | 0.213 0.0   | 0.554 0.349 | 118 0.529 1.0 0.0 74.3 -28.7 63.3 69.5 114.4 |
| 463 | Y50G_075_025da | 0.625 0.75 0.5    | 0.75 0.25 0.625   | 120     | 0.587 0.75 0.5    | 69.6 -9.7 12.7  | 16.0 127.2   | 0.233 0.0   | 0.399 0.333 | 120 0.35 1.0 0.0 67.2 -                      |

| n   | HIC*Fde        | rgb_Fde          | ict_Fde           | hsi_Fde | rgb*Fde           | LabCh*Fde       | cmymn*sep.Fde | hsi_Mde     | rgb*Mde     | LabCh*Mde         |                            |
|-----|----------------|------------------|-------------------|---------|-------------------|-----------------|---------------|-------------|-------------|-------------------|----------------------------|
| 486 | R00Y_075_075de | 0.75 0.0 0.0     | 0.75 0.75 0.375   | 390     | 0.75 0.0 0.098    | 40.3 49.7 23.7  | 55.1 25.4     | 0.0 0.936   | 0.811 0.306 | 383 1.0 0.0 0.131 | 47.6 66.3 31.6 73.4 25.4   |
| 487 | R35Y_075_075de | 0.75 0.0 0.125   | 0.75 0.75 0.375   | 381     | 0.75 0.0 0.274    | 40.5 51.1 14.1  | 53.0 15.4     | 0.0 0.935   | 0.605 0.309 | 368 1.0 0.0 0.365 | 47.8 68.1 18.8 70.7 15.4   |
| 488 | R18Y_075_075de | 0.75 0.0 0.25    | 0.75 0.75 0.375   | 371     | 0.75 0.0 0.463    | 40.6 53.0 4.0   | 53.1 4.3      | 0.0 0.934   | 0.404 0.313 | 352 1.0 0.0 0.617 | 48.0 70.7 5.3 70.9 4.3     |
| 489 | R00Y_075_075de | 0.75 0.0 0.375   | 0.75 0.75 0.375   | 360     | 0.711 0.0 0.75    | 40.1 54.5 -7.6  | 55.1 352.0    | 0.0 0.927   | 0.067 0.338 | 327 0.948 0.0 1.0 | 47.3 72.7 -10.1 73.5 352.0 |
| 490 | B65R_075_075de | 0.75 0.0 0.5     | 0.75 0.75 0.375   | 349     | 0.56 0.0 0.75     | 37.1 49.9 -11.8 | 51.3 346.6    | 0.149 0.915 | 0.0 0.376   | 315 0.747 0.0 1.0 | 43.2 66.6 -15.8 68.5 346.6 |
| 491 | B57R_075_075de | 0.75 0.0 0.625   | 0.75 0.75 0.375   | 339     | 0.431 0.0 0.75    | 33.8 43.1 -18.1 | 46.8 337.1    | 0.385 0.912 | 0.0 0.363   | 304 0.575 0.0 1.0 | 38.9 57.5 -24.2 62.4 337.1 |
| 492 | B50R_075_075de | 0.75 0.0 0.75    | 0.75 0.75 0.375   | 330     | 0.315 0.0 0.75    | 30.8 37.5 -22.8 | 43.9 328.6    | 0.507 0.92  | 0.0 0.362   | 294 0.42 0.0 1.0  | 34.9 50.0 -30.5 58.6 328.6 |
| 493 | B43R_087_087de | 0.75 0.0 0.875   | 0.875 0.875 0.437 | 322     | 0.29 0.0 0.875    | 30.7 38.3 -31.0 | 49.3 321.0    | 0.631 0.963 | 0.0 0.2     | 288 0.331 0.0 1.0 | 32.4 43.8 -35.4 56.4 321.0 |
| 494 | B38R_100_100de | 0.75 0.0 1.0     | 1.0 1.0 0.5       | 316     | 0.281 0.0 1.0     | 30.9 39.1 -38.6 | 55.0 315.3    | 0.715 1.0   | 0.0 0.0     | 285 0.281 0.0 1.0 | 30.9 39.1 -38.6 55.0 315.3 |
| 495 | R15Y_075_075de | 0.75 0.125 0.0   | 0.75 0.75 0.375   | 39      | 0.75 0.069 0.0    | 42.5 44.2 31.5  | 54.3 35.5     | 0.0 0.868   | 0.937 0.305 | 34 1.0 0.092 0.0  | 50.5 58.9 42.0 72.4 35.5   |
| 496 | R00Y_075_062de | 0.75 0.125 0.125 | 0.75 0.625 0.437  | 390     | 0.75 0.125 0.207  | 46.4 41.4 19.7  | 45.9 25.4     | 0.0 0.8     | 0.662 0.278 | 383 1.0 0.0 0.131 | 47.6 66.3 31.6 73.4 25.4   |
| 497 | R31Y_075_062de | 0.75 0.125 0.25  | 0.75 0.625 0.437  | 379     | 0.75 0.125 0.383  | 46.6 42.9 10.1  | 44.1 13.2     | 0.0 0.805   | 0.485 0.284 | 365 1.0 0.0 0.414 | 47.8 68.7 16.1 70.6 13.2   |
| 498 | R11Y_075_062de | 0.75 0.125 0.375 | 0.75 0.625 0.437  | 367     | 0.75 0.125 0.585  | 46.7 44.9 -0.1  | 44.9 359.8    | 0.0 0.805   | 0.279 0.288 | 344 1.0 0.0 0.736 | 48.1 71.9 -0.1 71.9 359.8  |
| 499 | B69R_075_062de | 0.75 0.125 0.5   | 0.75 0.625 0.437  | 353     | 0.673 0.125 0.75  | 45.4 44.2 -7.4  | 44.8 350.4    | 0.0 0.802   | 0.055 0.344 | 323 0.877 0.0 1.0 | 45.9 70.7 -11.9 71.7 350.4 |
| 500 | B59R_075_062de | 0.75 0.125 0.625 | 0.75 0.625 0.437  | 341     | 0.507 0.125 0.75  | 41.6 37.0 -14.1 | 39.6 339.0    | 0.445 0.779 | 0.0 0.368   | 307 0.612 0.0 1.0 | 39.9 59.2 -22.6 63.4 339.0 |
| 501 | B50R_075_062de | 0.75 0.125 0.75  | 0.75 0.625 0.437  | 330     | 0.387 0.125 0.75  | 38.5 31.2 -19.0 | 36.6 328.6    | 0.218 0.777 | 0.0 0.357   | 294 0.42 0.0 1.0  | 34.9 50.0 -30.5 58.6 328.6 |
| 502 | B42R_087_075de | 0.75 0.125 0.875 | 0.875 0.75 0.5    | 321     | 0.367 0.125 0.875 | 38.5 32.3 -27.0 | 42.1 320.0    | 0.559 0.814 | 0.0 0.189   | 288 0.323 0.0 1.0 | 32.2 43.0 -36.0 56.1 320.0 |
| 503 | B36R_100_087de | 0.75 0.125 1.0   | 1.0 0.875 0.562   | 314     | 0.356 0.125 1.0   | 38.6 32.8 -34.6 | 47.7 313.4    | 0.658 0.845 | 0.0 0.0     | 284 0.264 0.0 1.0 | 30.4 37.5 -39.6 54.5 313.4 |
| 504 | R31Y_075_075de | 0.75 0.25 0.0    | 0.75 0.75 0.375   | 49      | 0.75 0.182 0.0    | 46.8 34.8 36.8  | 50.7 46.6     | 0.0 0.735   | 0.936 0.308 | 43 1.0 0.242 0.0  | 56.3 46.4 49.1 67.6 46.6   |
| 505 | R18Y_075_062de | 0.75 0.25 0.125  | 0.75 0.625 0.437  | 41      | 0.75 0.206 0.125  | 49.0 35.1 27.1  | 44.4 37.7     | 0.0 0.724   | 0.769 0.284 | 36 1.0 0.13 0.0   | 51.7 56.1 43.4 71.0 37.7   |
| 506 | R00Y_075_050de | 0.75 0.25 0.25   | 0.75 0.5 0.5      | 390     | 0.75 0.25 0.315   | 52.5 33.1 15.8  | 36.7 25.4     | 0.0 0.678   | 0.541 0.271 | 383 1.0 0.0 0.131 | 47.6 66.3 31.6 73.4 25.4   |
| 507 | R26Y_075_050de | 0.75 0.25 0.375  | 0.75 0.5 0.5      | 376     | 0.75 0.25 0.493   | 52.6 34.7 6.0   | 35.3 9.8      | 0.0 0.68    | 0.363 0.278 | 360 1.0 0.0 0.486 | 47.8 69.5 12.1 70.6 9.8    |
| 508 | R00Y_075_050de | 0.75 0.25 0.5    | 0.75 0.5 0.5      | 360     | 0.724 0.25 0.75   | 52.3 36.3 -5.0  | 36.7 352.0    | 0.0 0.681   | 0.108 0.301 | 327 0.948 0.0 1.0 | 47.3 72.7 -10.1 73.5 352.0 |
| 509 | B61R_075_050de | 0.75 0.25 0.625  | 0.75 0.5 0.5      | 344     | 0.581 0.25 0.75   | 49.3 31.0 -10.1 | 32.6 341.8    | 0.099 0.656 | 0.0 0.373   | 310 0.663 0.0 1.0 | 41.2 62.0 -20.3 65.2 341.8 |
| 510 | B50R_075_050de | 0.75 0.25 0.75   | 0.75 0.5 0.5      | 330     | 0.46 0.25 0.75    | 46.2 25.0 -15.2 | 29.3 328.6    | 0.635 0.0   | 0.37        | 294 0.42 0.0 1.0  | 34.9 50.0 -30.5 58.6 328.6 |
| 511 | B40R_087_062de | 0.75 0.25 0.875  | 0.875 0.625 0.319 | 319     | 0.441 0.25 0.875  | 46.2 25.9 -22.2 | 34.8 318.1    | 0.489 0.68  | 0.0 0.2     | 282 0.306 0.0 1.0 | 31.7 41.5 -37.1 55.7 318.1 |
| 512 | B34R_100_075de | 0.75 0.25 1.0    | 1.0 0.75 0.625    | 311     | 0.419 0.25 1.0    | 46.2 26.3 -30.7 | 40.5 310.5    | 0.623 0.72  | 0.0 0.0     | 287 0.225 0.0 1.0 | 29.5 35.1 -41.0 54.0 310.5 |
| 513 | R50Y_075_075de | 0.75 0.375 0.0   | 0.75 0.75 0.375   | 60      | 0.75 0.283 0.0    | 51.5 25.6 42.4  | 49.6 58.8     | 0.0 0.615   | 0.934 0.313 | 51 1.0 0.378 0.0  | 62.5 34.1 56.6 66.1 58.8   |
| 514 | R38Y_075_062de | 0.75 0.375 0.125 | 0.75 0.625 0.437  | 53      | 0.75 0.307 0.125  | 53.2 26.2 32.5  | 41.8 51.0     | 0.0 0.603   | 0.8 0.294   | 46 1.0 0.292 0.0  | 58.5 42.0 52.1 66.9 51.0   |
| 515 | R23Y_075_050de | 0.75 0.375 0.25  | 0.75 0.5 0.5      | 44      | 0.75 0.336 0.25   | 55.4 26.3 22.9  | 34.8 41.0     | 0.0 0.593   | 0.64 0.278  | 39 1.0 0.172 0.0  | 53.4 52.6 45.8 69.7 41.0   |
| 516 | R00Y_075_037de | 0.75 0.375 0.375 | 0.75 0.375 0.562  | 390     | 0.75 0.375 0.424  | 58.6 24.8 11.8  | 27.5 25.4     | 0.0 0.551   | 0.428 0.269 | 383 1.0 0.0 0.131 | 47.6 66.3 31.6 73.4 25.4   |
| 517 | R18Y_075_037de | 0.75 0.375 0.5   | 0.75 0.375 0.562  | 371     | 0.75 0.375 0.606  | 58.8 26.5 2.0   | 26.5 4.3      | 0.0 0.552   | 0.239 0.28  | 352 1.0 0.0 0.617 | 48.0 70.7 5.3 70.9 4.3     |
| 518 | B65R_075_037de | 0.75 0.375 0.625 | 0.75 0.375 0.562  | 349     | 0.655 0.375 0.75  | 57.0 24.9 -5.9  | 25.6 346.6    | 0.0 0.535   | 0.039 0.353 | 315 0.747 0.0 1.0 | 43.2 66.6 -15.8 68.5 346.6 |
| 519 | B50R_075_037de | 0.75 0.375 0.75  | 0.75 0.375 0.562  | 330     | 0.532 0.375 0.75  | 53.8 18.7 -11.4 | 21.9 328.6    | 0.21 0.502  | 0.0 0.371   | 294 0.42 0.0 1.0  | 34.9 50.0 -30.5 58.6 328.6 |
| 520 | B38R_087_050de | 0.75 0.375 0.875 | 0.875 0.5 0.625   | 316     | 0.515 0.375 0.875 | 53.9 19.5 -19.3 | 27.5 315.3    | 0.405 0.555 | 0.0 0.199   | 285 0.281 0.0 1.0 | 30.9 39.1 -38.6 55.0 315.3 |
| 521 | B30R_100_062de | 0.75 0.375 1.0   | 1.0 0.625 0.687   | 307     | 0.465 0.375 1.0   | 53.7 20.1 -26.8 | 33.5 306.8    | 0.54 0.594  | 0.0 0.0     | 277 0.144 0.0 1.0 | 28.1 32.2 -43.0 53.7 306.8 |
| 522 | R68Y_075_075de | 0.75 0.5 0.0     | 0.75 0.75 0.375   | 71      | 0.75 0.391 0.0    | 56.6 16.5 48.5  | 51.2 71.1     | 0.0 0.499   | 0.936 0.309 | 61 1.0 0.522 0.0  | 69.3 22.0 64.7 68.3 71.1   |
| 523 | R61Y_075_062de | 0.75 0.5 0.125   | 0.75 0.625 0.437  | 67      | 0.75 0.419 0.125  | 58.4 16.6 38.5  | 41.9 66.6     | 0.0 0.475   | 0.82 0.296  | 58 1.0 0.47 0.0   | 66.7 26.5 61.6 67.1 66.6   |
| 524 | R50Y_075_050de | 0.75 0.5 0.25    | 0.75 0.5 0.5      | 60      | 0.75 0.439 0.25   | 60.0 17.0 28.3  | 33.0 58.8     | 0.0 0.464   | 0.673 0.287 | 51 1.0 0.378 0.0  | 62.5 34.1 56.6 66.1 58.8   |
| 525 | R31Y_075_037de | 0.75 0.5 0.375   | 0.75 0.375 0.562  | 49      | 0.75 0.466 0.375  | 61.9 17.4 18.4  | 25.3 46.6     | 0.0 0.456   | 0.516 0.279 | 43 1.0 0.242 0.0  | 56.3 46.4 49.1 67.6 46.6   |
| 526 | R00Y_075_025de | 0.75 0.5 0.5     | 0.75 0.25 0.625   | 390     | 0.75 0.5 0.532    | 64.7 16.5 7.9   | 18.3 25.4     | 0.0 0.414   | 0.31 0.279  | 383 1.0 0.0 0.131 | 47.6 66.3 31.6 73.4 25.4   |
| 527 | R00Y_075_025de | 0.75 0.5 0.625   | 0.75 0.25 0.625   | 360     | 0.737 0.5 0.75    | 64.6 18.1 -2.5  | 18.3 352.0    | 0.0 0.41    | 0.097 0.298 | 327 0.948 0.0 1.0 | 47.3 72.7 -10.1 73.5 352.0 |
| 528 | B50R_075_025de | 0.75 0.5 0.75    | 0.75 0.25 0.625   | 330     | 0.605 0.5 0.75    | 61.5 12.5 -7.6  | 14.6 328.6    | 0.098 0.359 | 0.0 0.373   | 294 0.42 0.0 1.0  | 34.9 50.0 -30.5 58.6 328.6 |
| 529 | B34R_087_037de | 0.75 0.5 0.875   | 0.875 0.375 0.687 | 311     | 0.584 0.5 0.875   | 61.5 13.1 -15.3 | 20.2 310.5    | 0.325 0.425 | 0.0 0.204   | 282 0.225 0.0 1.0 | 29.5 35.1 -41.0 54.0 310.5 |
| 530 | B25R_100_050de | 0.75 0.5 1.0     | 1.0 0.5 0.75      | 300     | 0.527 0.5 1.0     | 61.3 13.4 -23.0 | 26.6 300.1    | 0.476 0.469 | 0.0 0.01    | 272 0.055 0.0 1.0 | 26.2 26.8 -46.1 53.3 300.1 |
| 531 | R85Y_075_075de | 0.75 0.625 0.0   | 0.75 0.75 0.375   | 81      | 0.75 0.494 0.0    | 62.0 7.4 55.0   | 55.5 82.2     | 0.0 0.37    | 0.936 0.307 | 70 1.0 0.659 0.0  | 76.5 9.9 73.4 74.1 82.2    |
| 532 | R81Y_075_062de | 0.75 0.625 0.125 | 0.75 0.625 0.437  | 79      | 0.75 0.513 0.125  | 63.4 7.8 44.6   | 45.2 80.0     | 0.0 0.347   | 0.837 0.302 | 68 1.0 0.622 0.0  | 74.8 12.5 71.3 72.4 80.0   |
| 533 | R76Y_075_050de | 0.75 0.625 0.25  | 0.75 0.5 0.5      | 76      | 0.75 0.542 0.25   | 65.1 8.1 34.5   | 35.4 76.7     | 0.0 0.33    | 0.701 0.294 | 65 1.0 0.584 0.0  | 72.7 16.2 69.0 70.9 76.7   |
| 534 | R68Y_075_037de | 0.75 0.625 0.375 | 0.75 0.375 0.562  | 71      | 0.75 0.57 0.375   | 66.7 8.2 24.2   | 25.6 71.1     | 0.0 0.312   | 0.553 0.292 | 61 1.0 0.522 0.0  | 69.3 22.0 64.7 68.3 71.1   |
| 535 | R50Y_075_025de | 0.75 0.625 0.5   | 0.75 0.25 0.625   | 60      | 0.75 0.594 0.5    | 68.4 8.5 14.1   | 16.5 58.8     | 0.0 0.29    | 0.387 0.295 | 53 1.0 0.378 0.0  | 62.5 34.1 56.6 66.1 58.8   |
| 536 | R00Y_075_012de | 0.75 0.625 0.625 | 0.75 0.125 0.687  | 390     | 0.75 0.625 0.641  | 70.8 8.2 3.9    | 9.1 25.4      | 0.0 0.246   | 0.184 0.301 | 383 1.0 0.0 0.131 | 47.6 66.3 31.6 73.4 25.4   |
| 537 | B50R_075_012de | 0.75 0.625 0.75  | 0.75 0.125 0.687  | 330     | 0.677 0.625 0.75  | 69.2 6.2 -3.8   | 7.3 328.6     | 0.008 0.176 | 0.0 0.377   | 294 0.42 0.0 1.0  | 34.9 50.0 -30.5 58.6 328.6 |
| 538 | B25R_087_025de | 0.75 0.625 0.875 | 0.875 0.25 0.75   | 300     | 0.638 0.625 0.875 | 69.1 6.7 -11.5  | 13.3 300.1    | 0.258 0.278 | 0.0 0.213   | 272 0.055 0.0 1.0 | 26.2 26.8 -46.1 53.3 300.1 |
| 539 | B15R_100_037de | 0.75 0.625 1.0   | 1.0 0.375 0.812   | 289     | 0.625 0.669 1.0   | 70.7 6.4 -17.8  | 18.9 289.7    | 0.391 0.324 | 0.0 0.027   | 263 0.0 0.117 1.0 | 27.9 17.1 -47.6 50.6 289.7 |
| 540 | Y00G_075_075de | 0.75 0.75 0.0    | 0.75 0.75 0.375   | 90      | 0.75 0.651 0.0    | 68.4 -2.5 62.7  | 62.8 92.3     | 0.0 0.178   | 0.935 0.31  | 83 1.0 0.868 0.0  | 85.1 -3.3 83.7 83.7 92.3   |
| 541 | Y00G_075_062de | 0.75 0.75 0.125  | 0.75 0.625 0.437  | 90      | 0.75 0.667 0.125  | 69.9 -2.1 52.3  | 52.3 92.3     | 0.0 0.167   | 0.856 0.302 | 83 1.0 0.868 0.0  | 85.1 -3.3 83.7 83.7 92.3   |
| 542 | Y00G_075_050de | 0.75 0.75 0.25   | 0.75 0.5 0.5      | 90      | 0.75 0.684 0.25   | 71.3 -1.6 41.8  | 41.8 92.3     | 0.0 0.154   | 0.729 0.296 | 83 1.0 0.868 0.0  | 85.1 -3.3 83.7 83.7 92.3   |
| 543 | Y00G_075_037de | 0.75 0.75 0.375  | 0.75 0.375 0.562  | 90      | 0.75 0.7 0.375    | 72.7 -1.2 31.4  | 31.4 92.3     | 0.0 0.138   | 0.596 0.295 | 83 1.0 0.868 0.0  | 85.1 -3.3 83.7 83.7 92.    |



| n   | HIC*Fde        | rgb_Fde           | icf_Fde           | hsi_Fde | rgb*Fde           | LabCh*Fde       | cmyn*sep.Fde | hsi_Mde | rgb*Mde | LabCh*Mde   |
|-----|----------------|-------------------|-------------------|---------|-------------------|-----------------|--------------|---------|---------|-------------|
| 567 | R00Y_087_087de | 0.875 0.0 0.0     | 0.875 0.875 0.437 | 390     | 0.875 0.0 0.115   | 44.0 58.0 27.6  | 64.3 25.4    | 0.0     | 0.965   | 0.85 0.173  |
| 568 | R36Y_087_087de | 0.875 0.0 0.125   | 0.875 0.875 0.437 | 382     | 0.875 0.0 0.298   | 44.2 59.4 17.6  | 62.0 16.5    | 0.0     | 0.966   | 0.647 0.174 |
| 569 | R23Y_087_087de | 0.875 0.0 0.25    | 0.875 0.875 0.437 | 374     | 0.875 0.0 0.471   | 44.2 61.3 8.2   | 61.8 7.6     | 0.0     | 0.965   | 0.471 0.175 |
| 570 | R00Y_087_087de | 0.875 0.0 0.375   | 0.875 0.875 0.437 | 365     | 0.875 0.0 0.715   | 44.4 63.6 -2.6  | 63.6 357.6   | 0.0     | 0.963   | 0.228 0.174 |
| 571 | B70R_087_087de | 0.875 0.0 0.5     | 0.875 0.875 0.437 | 355     | 0.831 0.0 0.875   | 43.8 63.9 -8.6  | 64.5 352.3   | 0.0     | 0.958   | 0.024 0.203 |
| 572 | B63R_087_087de | 0.875 0.0 0.625   | 0.875 0.875 0.437 | 346     | 0.639 0.0 0.875   | 39.1 55.9 -16.2 | 58.2 343.7   | 0.26    | 0.959   | 0.0 0.217   |
| 573 | B56R_087_087de | 0.875 0.0 0.75    | 0.875 0.875 0.437 | 338     | 0.487 0.0 0.875   | 36.0 49.5 -21.8 | 54.1 336.1   | 0.424   | 0.957   | 0.0 0.207   |
| 574 | B50R_087_087de | 0.875 0.0 0.875   | 0.875 0.875 0.437 | 330     | 0.367 0.0 0.875   | 32.9 43.7 -26.7 | 51.2 328.6   | 0.541   | 0.962   | 0.0 0.205   |
| 575 | B44R_100_100de | 0.875 0.0 1.0     | 1.0 1.0 0.5       | 323     | 0.339 0.0 1.0     | 32.7 44.6 -34.8 | 56.6 321.9   | 0.657   | 1.0     | 0.0 0.0     |
| 576 | R13Y_087_087de | 0.875 0.125 0.0   | 0.875 0.875 0.437 | 38      | 0.875 0.063 0.0   | 45.9 52.8 36.2  | 64.0 34.3    | 0.0     | 0.899   | 0.969 0.17  |
| 577 | R00Y_087_075de | 0.875 0.125 0.125 | 0.875 0.75 0.5    | 390     | 0.875 0.125 0.223 | 50.1 49.7 23.7  | 55.1 25.4    | 0.0     | 0.833   | 0.704 0.145 |
| 578 | R35Y_087_075de | 0.875 0.125 0.25  | 0.875 0.75 0.5    | 381     | 0.875 0.125 0.399 | 50.2 51.1 14.1  | 53.0 15.4    | 0.0     | 0.835   | 0.54 0.148  |
| 579 | R18Y_087_075de | 0.875 0.125 0.375 | 0.875 0.75 0.5    | 371     | 0.875 0.125 0.588 | 50.4 53.0 4.0   | 53.1 4.3     | 0.0     | 0.836   | 0.359 0.151 |
| 580 | R00Y_087_075de | 0.875 0.125 0.5   | 0.875 0.75 0.5    | 360     | 0.836 0.125 0.875 | 49.8 54.5 -7.6  | 55.1 352.0   | 0.0     | 0.837   | 0.065 0.178 |
| 581 | B65R_087_075de | 0.875 0.125 0.625 | 0.875 0.75 0.5    | 349     | 0.685 0.125 0.875 | 46.8 49.9 -11.8 | 51.3 346.6   | 0.106   | 0.837   | 0.0 0.218   |
| 582 | B57R_087_075de | 0.875 0.125 0.75  | 0.875 0.75 0.5    | 339     | 0.556 0.125 0.875 | 43.6 43.1 -18.1 | 46.8 337.1   | 0.324   | 0.83    | 0.0 0.209   |
| 583 | B50R_087_075de | 0.875 0.125 0.875 | 0.875 0.75 0.5    | 330     | 0.44 0.125 0.875  | 40.5 37.5 -22.8 | 43.9 328.6   | 0.457   | 0.819   | 0.0 0.201   |
| 584 | B43R_100_087de | 0.875 0.125 1.0   | 1.0 0.875 0.562   | 322     | 0.415 0.125 1.0   | 40.4 38.3 -31.0 | 49.1 321.0   | 0.578   | 0.855   | 0.0 0.0     |
| 585 | R26Y_087_087de | 0.875 0.25 0.0    | 0.875 0.875 0.437 | 46      | 0.875 0.175 0.0   | 50.1 43.8 41.3  | 60.3 43.3    | 0.0     | 0.779   | 0.969 0.17  |
| 586 | R15Y_087_075de | 0.875 0.25 0.125  | 0.875 0.75 0.5    | 39      | 0.875 0.194 0.125 | 52.2 44.2 31.5  | 54.3 35.5    | 0.0     | 0.773   | 0.814 0.147 |
| 587 | R00Y_087_062de | 0.875 0.25 0.25   | 0.875 0.625 0.562 | 390     | 0.875 0.25 0.332  | 56.2 41.4 19.7  | 45.9 25.4    | 0.0     | 0.722   | 0.585 0.127 |
| 588 | R31Y_087_062de | 0.875 0.25 0.375  | 0.875 0.625 0.562 | 379     | 0.875 0.25 0.508  | 56.3 42.9 10.1  | 44.1 13.2    | 0.0     | 0.724   | 0.429 0.131 |
| 589 | R11Y_087_062de | 0.875 0.25 0.5    | 0.875 0.625 0.562 | 367     | 0.875 0.25 0.71   | 56.4 44.9 -0.1  | 44.9 359.8   | 0.0     | 0.727   | 0.243 0.138 |
| 590 | B69R_087_062de | 0.875 0.25 0.625  | 0.875 0.625 0.562 | 353     | 0.798 0.25 0.875  | 55.1 44.2 -7.4  | 44.8 350.4   | 0.0     | 0.717   | 0.046 0.194 |
| 591 | B59R_087_062de | 0.875 0.25 0.75   | 0.875 0.625 0.562 | 341     | 0.632 0.25 0.875  | 51.3 37.0 -14.1 | 39.6 339.0   | 0.216   | 0.715   | 0.0 0.209   |
| 592 | B50R_087_062de | 0.875 0.25 0.875  | 0.875 0.625 0.562 | 330     | 0.512 0.25 0.875  | 48.2 31.2 -19.0 | 36.6 328.6   | 0.364   | 0.699   | 0.0 0.204   |
| 593 | B42R_100_075de | 0.875 0.25 1.0    | 1.0 0.75 0.625    | 321     | 0.492 0.25 1.0    | 48.2 32.7 -27.0 | 42.1 320.0   | 0.498   | 0.749   | 0.0 0.0     |
| 594 | R41Y_087_087de | 0.875 0.375 0.0   | 0.875 0.875 0.437 | 55      | 0.875 0.277 0.0   | 54.5 34.8 46.8  | 58.3 53.3    | 0.0     | 0.672   | 0.969 0.171 |
| 595 | R31Y_087_075de | 0.875 0.375 0.125 | 0.875 0.75 0.5    | 49      | 0.875 0.307 0.125 | 56.6 34.8 36.8  | 50.7 46.6    | 0.0     | 0.659   | 0.839 0.152 |
| 596 | R18Y_087_062de | 0.875 0.375 0.25  | 0.875 0.625 0.562 | 41      | 0.875 0.331 0.25  | 58.7 35.1 27.1  | 44.4 37.7    | 0.0     | 0.655   | 0.679 0.13  |
| 597 | R00Y_087_050de | 0.875 0.375 0.375 | 0.875 0.5 0.625   | 390     | 0.875 0.375 0.44  | 62.2 33.1 15.8  | 36.7 25.4    | 0.0     | 0.613   | 0.477 0.114 |
| 598 | R26Y_087_050de | 0.875 0.375 0.5   | 0.875 0.5 0.625   | 376     | 0.875 0.375 0.618 | 62.3 34.7 6.0   | 35.3 9.8     | 0.0     | 0.616   | 0.322 0.126 |
| 599 | R00Y_087_050de | 0.875 0.375 0.625 | 0.875 0.5 0.625   | 360     | 0.849 0.375 0.875 | 62.1 36.3 -5.0  | 36.7 352.0   | 0.0     | 0.614   | 0.086 0.152 |
| 600 | B61R_087_050de | 0.875 0.375 0.75  | 0.875 0.5 0.625   | 344     | 0.706 0.375 0.875 | 59.0 31.0 -10.1 | 32.6 341.8   | 0.095   | 0.592   | 0.0 0.215   |
| 601 | B50R_087_050de | 0.875 0.375 0.875 | 0.875 0.5 0.625   | 330     | 0.585 0.375 0.875 | 55.9 25.0 -15.2 | 29.3 328.6   | 0.275   | 0.58    | 0.0 0.207   |
| 602 | B40R_100_062de | 0.875 0.375 1.0   | 1.0 0.625 0.687   | 319     | 0.566 0.375 1.0   | 55.9 25.9 -23.2 | 34.8 318.1   | 0.414   | 0.623   | 0.0 0.0     |
| 603 | R58Y_087_087de | 0.875 0.5 0.0     | 0.875 0.875 0.437 | 65      | 0.875 0.388 0.0   | 59.6 25.2 52.7  | 58.5 64.4    | 0.0     | 0.562   | 0.969 0.172 |
| 604 | R50Y_087_075de | 0.875 0.5 0.125   | 0.875 0.75 0.5    | 60      | 0.875 0.408 0.125 | 61.2 25.6 42.4  | 49.6 58.8    | 0.0     | 0.551   | 0.856 0.154 |
| 605 | R38Y_087_062de | 0.875 0.5 0.25    | 0.875 0.625 0.562 | 53      | 0.875 0.432 0.25  | 63.0 26.2 32.5  | 41.8 51.0    | 0.0     | 0.55    | 0.713 0.137 |
| 606 | R23Y_087_050de | 0.875 0.5 0.375   | 0.875 0.5 0.625   | 44      | 0.875 0.461 0.375 | 65.2 26.3 22.9  | 34.8 41.0    | 0.0     | 0.54    | 0.565 0.121 |
| 607 | R00Y_087_037de | 0.875 0.5 0.5     | 0.875 0.375 0.687 | 390     | 0.875 0.5 0.549   | 68.3 24.8 11.8  | 27.5 25.4    | 0.0     | 0.501   | 0.375 0.114 |
| 608 | R18Y_087_037de | 0.875 0.5 0.625   | 0.875 0.375 0.687 | 371     | 0.875 0.5 0.731   | 68.5 26.5 2.0   | 26.5 4.3     | 0.0     | 0.504   | 0.204 0.128 |
| 609 | B65R_087_037de | 0.875 0.5 0.75    | 0.875 0.375 0.687 | 349     | 0.78 0.5 0.875    | 66.7 24.9 -5.9  | 25.6 346.6   | 0.0     | 0.47    | 0.014 0.21  |
| 610 | B50R_087_037de | 0.875 0.5 0.875   | 0.875 0.375 0.687 | 330     | 0.657 0.5 0.875   | 63.6 18.7 -11.4 | 21.9 328.6   | 0.19    | 0.458   | 0.0 0.21    |
| 611 | B38R_100_050de | 0.875 0.5 1.0     | 1.0 0.5 0.75      | 316     | 0.64 0.5 1.0      | 63.6 19.5 -19.3 | 27.5 315.3   | 0.361   | 0.499   | 0.0 0.0     |
| 612 | R73Y_087_087de | 0.875 0.625 0.0   | 0.875 0.875 0.437 | 74      | 0.875 0.489 0.0   | 64.7 16.3 58.9  | 61.1 74.4    | 0.0     | 0.459   | 0.969 0.17  |
| 613 | R68Y_087_075de | 0.875 0.625 0.125 | 0.875 0.75 0.5    | 71      | 0.875 0.516 0.125 | 66.3 16.5 48.5  | 51.2 71.1    | 0.0     | 0.446   | 0.869 0.157 |
| 614 | R61Y_087_062de | 0.875 0.625 0.25  | 0.875 0.625 0.562 | 67      | 0.875 0.544 0.25  | 68.1 16.6 38.5  | 41.9 66.6    | 0.0     | 0.432   | 0.735 0.145 |
| 615 | R50Y_087_050de | 0.875 0.625 0.375 | 0.875 0.5 0.625   | 60      | 0.875 0.564 0.375 | 69.7 17.0 28.3  | 33.0 58.8    | 0.0     | 0.423   | 0.596 0.138 |
| 616 | R31Y_087_037de | 0.875 0.625 0.5   | 0.875 0.375 0.687 | 49      | 0.875 0.591 0.5   | 71.6 17.4 18.4  | 25.3 46.6    | 0.0     | 0.418   | 0.452 0.127 |
| 617 | R00Y_087_025de | 0.875 0.625 0.625 | 0.875 0.25 0.75   | 390     | 0.875 0.625 0.657 | 74.4 16.5 7.9   | 18.3 25.4    | 0.0     | 0.372   | 0.265 0.127 |
| 618 | R00Y_087_025de | 0.875 0.625 0.75  | 0.875 0.25 0.75   | 360     | 0.862 0.625 0.875 | 74.3 18.1 -2.5  | 18.3 352.0   | 0.0     | 0.368   | 0.061 0.154 |
| 619 | B50R_087_025de | 0.875 0.625 0.875 | 0.875 0.25 0.75   | 330     | 0.73 0.625 0.875  | 71.3 12.5 -7.6  | 14.6 328.6   | 0.109   | 0.322   | 0.0 0.215   |
| 620 | B34R_100_037de | 0.875 0.625 1.0   | 1.0 0.375 0.812   | 311     | 0.709 0.625 1.0   | 71.3 13.1 -15.3 | 20.2 310.5   | 0.309   | 0.388   | 0.0 0.005   |
| 621 | R86Y_087_087de | 0.875 0.75 0.0    | 0.875 0.875 0.437 | 82      | 0.875 0.594 0.0   | 70.0 7.5 65.1   | 65.6 83.4    | 0.0     | 0.346   | 0.969 0.17  |
| 622 | R85Y_087_075de | 0.875 0.75 0.125  | 0.875 0.75 0.5    | 81      | 0.875 0.619 0.125 | 71.7 7.4 55.0   | 55.5 82.2    | 0.0     | 0.326   | 0.883 0.159 |
| 623 | R81Y_087_062de | 0.875 0.75 0.25   | 0.875 0.625 0.562 | 70      | 0.875 0.638 0.25  | 73.1 7.8 44.6   | 45.2 80.0    | 0.0     | 0.313   | 0.757 0.151 |
| 624 | R76Y_087_050de | 0.875 0.75 0.375  | 0.875 0.5 0.625   | 76      | 0.875 0.667 0.375 | 74.8 8.1 34.5   | 35.4 76.7    | 0.0     | 0.299   | 0.628 0.143 |
| 625 | R68Y_087_037de | 0.875 0.75 0.5    | 0.875 0.375 0.687 | 71      | 0.875 0.695 0.5   | 76.5 8.2 24.2   | 25.6 71.1    | 0.0     | 0.273   | 0.489 0.141 |
| 626 | R50Y_087_025de | 0.875 0.75 0.625  | 0.875 0.25 0.75   | 60      | 0.875 0.719 0.625 | 78.1 8.5 14.1   | 16.5 58.8    | 0.0     | 0.248   | 0.335 0.144 |
| 627 | R00Y_087_012de | 0.875 0.75 0.75   | 0.875 0.125 0.812 | 390     | 0.875 0.75 0.766  | 80.5 8.2 3.9    | 9.1 25.4     | 0.0     | 0.212   | 0.149 0.151 |
| 628 | B50R_087_012de | 0.875 0.75 0.875  | 0.875 0.125 0.812 | 330     | 0.802 0.75 0.875  | 78.9 6.2 -3.8   | 7.3 328.6    | 0.037   | 0.162   | 0.0 0.213   |
| 629 | B25R_100_025de | 0.875 0.75 1.0    | 1.0 0.25 0.875    | 300     | 0.763 0.75 1.0    | 78.8 6.7 -11.5  | 13.3 300.1   | 0.256   | 0.241   | 0.0 0.016   |
| 630 | Y00G_087_087de | 0.875 0.875 0.0   | 0.875 0.875 0.437 | 90      | 0.875 0.759 0.0   | 76.8 -2.9 73.2  | 92.3 92.3    | 0.0     | 0.159   | 0.969 0.168 |
| 631 | Y00G_087_075de | 0.875 0.875 0.125 | 0.875 0.75 0.5    | 90      | 0.875 0.776 0.125 | 78.2 -2.5 62.7  | 62.8 92.3    | 0.0     | 0.156   | 0.894 0.158 |
| 632 | Y00G_087_062de | 0.875 0.875 0.25  | 0.875 0.625 0.562 | 90      | 0.875 0.792 0.25  | 79.6 -2.1 52.3  | 52.3 92.3    | 0.0     | 0.152   | 0.778 0.15  |
| 633 | Y00G_087_050de | 0.875 0.875 0.375 | 0.875 0.5 0.625   | 90      | 0.875 0.809 0.375 | 81.0 -1.6 41.8  | 41.8 92.3    | 0.0     | 0.142   | 0.656 0.145 |
| 634 | Y00G_087_037de | 0.875 0.875 0.5   | 0.875 0.375 0.687 | 90      | 0.875 0.825 0.5   | 82.4 -1.2 31.3  | 31.4 92.3    | 0.0     | 0.124   | 0.53 0.144  |
| 635 | Y00G_087_025de | 0.875 0.875 0.625 | 0.875 0.25 0.75   | 90      | 0.875 0.842 0.625 | 83.8 -0.8 20.9  | 20.9 92.3    | 0.0     | 0.096   | 0.386 0.151 |
| 636 | Y00G_087_012de | 0.875 0.875 0.75  | 0.875 0.125 0.812 | 90      | 0.875 0.858 0.75  | 85.2 -0.4 10.4  | 10.4 92.3    | 0.0     | 0.053   | 0.219 0.165 |
| 637 | NW_087de       | 0.875 0.875 0.875 | 0.875 0.0 0.875   | 360     | 0.875 0.875 0.875 | 86.6 0.0 0.0    | 0.0 0.0      | 0.0     | 0.014   | 0.0 0.0     |
| 638 | B00R_100_012de | 0.875 0.875 1.0   | 1.0 0.125 0.937   | 270     | 0.875 0.919 1.0   | 88.9 0.1 -5.8   | 5.8 271.7    | 0.0     | 0.15    | 0.078 0.0   |
| 639 | Y11G_100_100de | 0.875 1.0 0.0     | 1.0 1.0 0.5       | 97      | 0.841 1.0 0.0     | 85.9 -15.0 81.2 | 82.6 100.4   | 0.0     | 0.159   | 0.0 1.0     |
| 640 | Y13G_100_087de | 0.875 1.0 0.125   | 1.0 0.875 0.562   | 98      | 0.824 1.0 0.125   |                 |              |         |         |             |



vedere dei file simili: <http://130.149.60.45/~farbmetrik/SI15/SI15.HTM>  
informazioni tecniche: <http://www.ps.bam.de> o <http://130.149.60.45/~farbmetrik>

| n   | HIC*Fde        | rgb_Fde         | icf_Fde         | hsi_Fde | rgb*Fde         | LabCh*Fde       | cmyn*sep.Fde | hsiM,de         | rgb*Mde | LabCh*Mde                  |
|-----|----------------|-----------------|-----------------|---------|-----------------|-----------------|--------------|-----------------|---------|----------------------------|
| 648 | R00Y_100_100de | 1.0 0.0 0.0     | 1.0 1.0 0.5     | 390     | 1.0 0.0 0.131   | 47.6 66.3 31.6  | 73.4 25.4    | 0.0 1.0 0.867   | 0.0     | 47.6 66.3 31.6 73.4 25.4   |
| 649 | R38Y_100_100de | 1.0 0.0 0.125   | 1.0 1.0 0.5     | 383     | 1.0 0.0 0.317   | 47.8 67.7 21.6  | 71.1 17.6    | 0.0 1.0 0.68    | 0.0     | 47.8 67.7 21.6 71.1 17.6   |
| 650 | R26Y_100_100de | 1.0 0.0 0.25    | 1.0 1.0 0.5     | 376     | 1.0 0.0 0.486   | 47.8 69.5 12.1  | 70.6 9.8     | 0.0 1.0 0.511   | 0.0     | 47.8 69.5 12.1 70.6 9.8    |
| 651 | R13Y_100_100de | 1.0 0.0 0.375   | 1.0 1.0 0.5     | 368     | 1.0 0.0 0.706   | 48.1 71.6 1.2   | 71.7 0.9     | 0.0 1.0 0.294   | 0.0     | 48.1 71.6 1.2 71.7 0.9     |
| 652 | R00Y_100_100de | 1.0 0.0 0.5     | 1.0 1.0 0.5     | 360     | 0.948 0.0 1.0   | 47.3 72.7 -10.1 | 73.5 352.0   | 0.051 1.0 0.0   | 0.0     | 47.3 72.7 -10.1 73.5 352.0 |
| 653 | B68R_100_100de | 1.0 0.0 0.625   | 1.0 1.0 0.5     | 352     | 0.843 0.0 1.0   | 45.2 69.7 -12.9 | 70.9 349.4   | 0.156 0.999 0.0 | 0.0     | 45.2 69.7 -12.9 70.9 349.4 |
| 654 | B61R_100_100de | 1.0 0.0 0.75    | 1.0 1.0 0.5     | 344     | 0.663 0.0 1.0   | 41.2 62.0 -20.3 | 65.2 341.8   | 0.336 1.0 0.0   | 0.0     | 41.2 62.0 -20.3 65.2 341.8 |
| 655 | B55R_100_100de | 1.0 0.0 0.875   | 1.0 1.0 0.5     | 337     | 0.538 0.0 1.0   | 38.0 55.7 -25.7 | 61.4 335.2   | 0.459 1.0 0.0   | 0.0     | 38.0 55.7 -25.7 61.4 335.2 |
| 656 | B50R_100_100de | 1.0 0.0 1.0     | 1.0 1.0 0.5     | 330     | 0.42 0.0 1.0    | 34.9 50.0 -30.5 | 58.6 328.6   | 0.577 1.0 0.0   | 0.0     | 34.9 50.0 -30.5 58.6 328.6 |
| 657 | R11Y_100_100de | 1.0 0.125 0.0   | 1.0 1.0 0.5     | 37      | 1.0 0.052 0.0   | 49.2 61.9 40.6  | 74.0 33.2    | 0.0 0.947 1.0   | 0.0     | 49.2 61.9 40.6 74.0 33.2   |
| 658 | R00Y_100_087de | 1.0 0.125 0.125 | 1.0 0.875 0.562 | 390     | 1.0 0.125 0.24  | 53.7 58.0 27.6  | 64.3 25.4    | 0.0 0.875 0.75  | 0.0     | 47.6 66.3 31.6 73.4 25.4   |
| 659 | R36Y_100_087de | 1.0 0.125 0.25  | 1.0 0.875 0.562 | 382     | 1.0 0.125 0.423 | 53.9 59.4 17.6  | 62.0 16.5    | 0.0 0.874 0.534 | 0.0     | 47.8 67.1 20.2 70.9 16.5   |
| 660 | R23Y_100_087de | 1.0 0.125 0.375 | 1.0 0.875 0.562 | 374     | 1.0 0.125 0.596 | 53.9 61.3 8.2   | 61.8 7.6     | 0.0 0.874 0.394 | 0.0     | 47.9 70.0 9.4 70.7 7.6     |
| 661 | R08Y_100_087de | 1.0 0.125 0.5   | 1.0 0.875 0.562 | 365     | 1.0 0.125 0.84  | 54.2 63.6 -2.6  | 63.6 357.6   | 0.0 0.876 0.161 | 0.0     | 48.1 72.7 -3.0 72.7 357.6  |
| 662 | B70R_100_087de | 1.0 0.125 0.625 | 1.0 0.875 0.562 | 355     | 0.964 0.125 1.0 | 53.6 63.9 -8.6  | 64.5 352.3   | 0.0 0.883 0.324 | 0.0     | 47.4 73.0 -9.8 73.7 352.3  |
| 663 | B63R_100_087de | 1.0 0.125 0.75  | 1.0 0.875 0.562 | 346     | 0.735 0.125 1.0 | 48.8 55.9 -16.2 | 58.2 343.7   | 0.252 0.867 0.0 | 0.0     | 42.0 63.9 -18.6 66.5 343.7 |
| 664 | B56R_100_087de | 1.0 0.125 0.875 | 1.0 0.875 0.562 | 338     | 0.612 0.125 1.0 | 45.7 49.5 -21.8 | 54.1 336.1   | 0.374 0.875 0.0 | 0.006   | 38.5 56.6 -25.0 61.9 336.1 |
| 665 | B50R_100_087de | 1.0 0.125 1.0   | 1.0 0.875 0.562 | 330     | 0.492 0.125 1.0 | 42.6 43.7 -26.7 | 51.2 328.6   | 0.48 0.869 0.0  | 0.005   | 34.9 50.0 -30.5 58.6 328.6 |
| 666 | R23Y_100_100de | 1.0 0.25 0.0    | 1.0 1.0 0.5     | 44      | 1.0 0.172 0.0   | 53.4 52.6 45.8  | 69.7 41.0    | 0.0 0.826 1.0   | 0.0     | 53.4 52.6 45.8 69.7 41.0   |
| 667 | R13Y_100_087de | 1.0 0.25 0.125  | 1.0 0.875 0.562 | 38      | 1.0 0.188 0.125 | 55.6 52.8 36.2  | 64.0 34.3    | 0.0 0.814 0.825 | 0.0     | 49.8 60.4 41.3 73.2 34.3   |
| 668 | R00Y_100_075de | 1.0 0.25 0.25   | 1.0 0.75 0.625  | 390     | 1.0 0.25 0.348  | 59.8 49.7 23.7  | 55.1 25.4    | 0.0 0.75 0.625  | 0.0     | 47.6 66.3 31.6 73.4 25.4   |
| 669 | R35Y_100_075de | 1.0 0.25 0.375  | 1.0 0.75 0.625  | 381     | 1.0 0.25 0.524  | 60.0 51.1 14.1  | 53.0 15.4    | 0.0 0.754 0.498 | 0.0     | 47.8 68.1 18.8 70.7 15.4   |
| 670 | R18Y_100_075de | 1.0 0.25 0.5    | 1.0 0.75 0.625  | 371     | 1.0 0.25 0.713  | 60.1 53.0 4.0   | 53.1 4.3     | 0.0 0.765 0.26  | 0.0     | 48.0 70.7 5.3 70.9 4.3     |
| 671 | R00Y_100_075de | 1.0 0.25 0.625  | 1.0 0.75 0.625  | 360     | 0.961 0.25 1.0  | 59.5 54.5 -7.6  | 55.1 352.0   | 0.0 0.775 0.025 | 0.0     | 47.3 72.7 -10.1 73.5 352.0 |
| 672 | B65R_100_075de | 1.0 0.25 0.75   | 1.0 0.75 0.625  | 349     | 0.81 0.25 1.0   | 56.5 49.9 -11.8 | 51.3 346.6   | 0.114 0.768 0.0 | 0.023   | 43.2 66.6 -15.8 68.5 346.6 |
| 673 | B57R_100_075de | 1.0 0.25 0.875  | 1.0 0.75 0.625  | 339     | 0.681 0.25 1.0  | 53.3 43.1 -18.1 | 46.8 337.1   | 0.298 0.76 0.0  | 0.0     | 38.9 57.5 -24.2 62.4 337.1 |
| 674 | B50R_100_075de | 1.0 0.25 1.0    | 1.0 0.75 0.625  | 330     | 0.565 0.25 1.0  | 50.3 37.5 -22.8 | 43.9 328.6   | 0.405 0.764 0.0 | 0.0     | 34.9 50.0 -30.5 58.6 328.6 |
| 675 | R36Y_100_100de | 1.0 0.375 0.0   | 1.0 1.0 0.5     | 52      | 1.0 0.28 0.0    | 58.0 43.1 51.4  | 67.1 49.9    | 0.0 0.718 1.0   | 0.0     | 58.0 43.1 51.4 67.1 49.9   |
| 676 | R26Y_100_087de | 1.0 0.375 0.125 | 1.0 0.875 0.562 | 46      | 1.0 0.3 0.125   | 59.8 43.8 41.3  | 60.3 43.3    | 0.0 0.702 0.845 | 0.0     | 50.1 47.2 68.9 43.3        |
| 677 | R15Y_100_075de | 1.0 0.375 0.25  | 1.0 0.75 0.625  | 39      | 1.0 0.319 0.25  | 61.9 44.2 31.5  | 54.3 35.5    | 0.0 0.75 0.75   | 0.0     | 50.5 58.9 42.0 72.4 35.5   |
| 678 | R00Y_100_062de | 1.0 0.375 0.375 | 1.0 0.625 0.687 | 390     | 1.0 0.375 0.457 | 65.9 41.4 19.7  | 45.9 25.4    | 0.0 0.625 0.5   | 0.0     | 47.6 66.3 31.6 73.4 25.4   |
| 679 | R31Y_100_062de | 1.0 0.375 0.5   | 1.0 0.625 0.687 | 379     | 1.0 0.375 0.633 | 66.0 42.9 10.1  | 44.1 13.2    | 0.0 0.632 0.376 | 0.0     | 47.8 68.7 16.1 70.6 13.2   |
| 680 | R11Y_100_062de | 1.0 0.375 0.625 | 1.0 0.625 0.687 | 367     | 1.0 0.375 0.835 | 66.2 44.9 -0.1  | 44.9 359.8   | 0.0 0.642 0.137 | 0.0     | 48.1 71.9 -0.1 71.9 359.8  |
| 681 | B69R_100_062de | 1.0 0.375 0.75  | 1.0 0.625 0.687 | 353     | 0.923 0.375 1.0 | 64.8 44.2 -7.4  | 44.8 350.4   | 0.0 0.665 0.025 | 0.0     | 45.9 70.7 -11.9 71.7 350.4 |
| 682 | B59R_100_062de | 1.0 0.375 0.875 | 1.0 0.625 0.687 | 341     | 0.757 0.375 1.0 | 61.1 37.0 -14.1 | 39.6 339.0   | 0.218 0.643 0.0 | 0.0     | 39.9 59.2 -22.6 63.4 339.0 |
| 683 | B50R_100_062de | 1.0 0.375 1.0   | 1.0 0.625 0.687 | 330     | 0.637 0.375 1.0 | 58.0 31.2 -19.0 | 36.6 328.6   | 0.33 0.641 0.0  | 0.0     | 34.9 50.0 -30.5 58.6 328.6 |
| 684 | R50Y_100_100de | 1.0 0.5 0.0     | 1.0 1.0 0.5     | 60      | 1.0 0.378 0.0   | 62.5 34.1 56.6  | 66.1 58.8    | 0.0 0.62 1.0    | 0.0     | 54.1 56.6 66.1 58.8        |
| 685 | R41Y_100_087de | 1.0 0.5 0.125   | 1.0 0.875 0.562 | 55      | 1.0 0.402 0.125 | 64.2 34.8 46.8  | 58.3 53.3    | 0.0 0.581 0.86  | 0.0     | 59.7 59.8 53.5 66.7 53.3   |
| 686 | R31Y_100_075de | 1.0 0.5 0.25    | 1.0 0.75 0.625  | 49      | 1.0 0.432 0.25  | 66.3 34.8 36.8  | 50.7 46.6    | 0.0 0.625 0.75  | 0.0     | 49.1 67.6 66.7 46.6        |
| 687 | R18Y_100_062de | 1.0 0.5 0.375   | 1.0 0.625 0.687 | 41      | 1.0 0.456 0.375 | 68.5 35.1 27.1  | 44.4 37.7    | 0.0 0.625 0.625 | 0.0     | 51.7 56.1 43.4 71.0 37.7   |
| 688 | R00Y_100_050de | 1.0 0.5 0.5     | 1.0 0.5 0.75    | 390     | 1.0 0.5 0.565   | 72.0 33.1 15.8  | 36.7 25.4    | 0.0 0.5 0.375   | 0.0     | 47.6 66.3 31.6 73.4 25.4   |
| 689 | R26Y_100_050de | 1.0 0.5 0.625   | 1.0 0.5 0.75    | 376     | 1.0 0.5 0.743   | 72.1 34.7 6.0   | 35.3 9.8     | 0.0 0.5 0.25    | 0.0     | 47.8 69.5 12.1 70.6 9.8    |
| 690 | R00Y_100_050de | 1.0 0.5 0.75    | 1.0 0.5 0.75    | 360     | 0.974 0.5 1.0   | 71.8 36.3 -5.0  | 36.7 352.0   | 0.0 0.544 0.022 | 0.0     | 47.3 72.7 -10.1 73.5 352.0 |
| 691 | B61R_100_050de | 1.0 0.5 0.875   | 1.0 0.5 0.75    | 344     | 0.831 0.5 1.0   | 68.7 31.0 -10.1 | 32.6 341.8   | 0.107 0.532 0.0 | 0.01    | 41.2 62.0 -20.3 65.2 341.8 |
| 692 | B50R_100_050de | 1.0 0.5 1.0     | 1.0 0.5 0.75    | 330     | 0.71 0.5 1.0    | 65.6 25.0 -15.2 | 29.3 328.6   | 0.272 0.517 0.0 | 0.005   | 34.9 50.0 -30.5 58.6 328.6 |
| 693 | R63Y_100_100de | 1.0 0.625 0.0   | 1.0 1.0 0.5     | 68      | 1.0 0.484 0.0   | 67.3 25.4 62.3  | 67.2 67.8    | 0.0 0.513 1.0   | 0.0     | 67.3 25.4 62.3 67.2 67.8   |
| 694 | R58Y_100_087de | 1.0 0.625 0.125 | 1.0 0.875 0.562 | 65      | 1.0 0.513 0.125 | 69.4 25.2 52.7  | 58.5 64.4    | 0.0 0.5 0.875   | 0.0     | 65.5 28.8 60.3 66.8 64.4   |
| 695 | R50Y_100_075de | 1.0 0.625 0.25  | 1.0 0.75 0.625  | 60      | 1.0 0.533 0.25  | 71.0 25.6 42.4  | 49.6 58.8    | 0.0 0.5 0.75    | 0.0     | 62.5 34.1 56.6 66.1 58.8   |
| 696 | R38Y_100_062de | 1.0 0.625 0.375 | 1.0 0.625 0.687 | 53      | 1.0 0.557 0.375 | 72.7 26.2 32.5  | 41.8 51.0    | 0.0 0.5 0.625   | 0.0     | 42.0 52.1 66.9 51.0        |
| 697 | R23Y_100_050de | 1.0 0.625 0.5   | 1.0 0.5 0.75    | 44      | 1.0 0.586 0.5   | 74.9 26.3 22.9  | 34.8 41.0    | 0.0 0.5 0.5     | 0.0     | 53.4 52.6 45.8 69.7 41.0   |
| 698 | R00Y_100_037de | 1.0 0.625 0.625 | 1.0 0.375 0.812 | 390     | 1.0 0.625 0.674 | 78.1 24.8 11.8  | 27.5 25.4    | 0.0 0.39 0.25   | 0.0     | 47.6 66.3 31.6 73.4 25.4   |
| 699 | R18Y_100_037de | 1.0 0.625 0.75  | 1.0 0.375 0.812 | 371     | 1.0 0.625 0.856 | 78.2 26.5 2.0   | 26.5 4.3     | 0.0 0.404 0.125 | 0.0     | 48.0 70.7 5.3 70.9 4.3     |
| 700 | B65R_100_037de | 1.0 0.625 0.875 | 1.0 0.375 0.812 | 349     | 0.905 0.625 1.0 | 76.4 24.9 -5.9  | 25.6 346.6   | 0.002 0.42 0.0  | 0.019   | 43.2 66.6 -15.8 68.5 346.6 |
| 701 | B50R_100_037de | 1.0 0.625 1.0   | 1.0 0.375 0.812 | 330     | 0.782 0.625 1.0 | 73.3 18.7 -11.4 | 21.9 328.6   | 0.198 0.409 0.0 | 0.007   | 34.9 50.0 -30.5 58.6 328.6 |
| 702 | R76Y_100_100de | 1.0 0.75 0.0    | 1.0 1.0 0.5     | 76      | 1.0 0.584 0.0   | 72.7 16.2 69.0  | 70.9 76.7    | 0.0 0.415 1.0   | 0.0     | 69.0 70.9 76.7 70.9 76.7   |
| 703 | R73Y_          |                 |                 |         |                 |                 |              |                 |         |                            |

vedere dei file simili: <http://130.149.60.45/~farbmetrik/SI15/SI15.HTM>  
informazioni tecniche: <http://www.ps.bam.de> o <http://130.149.60.45/~farbmetrik>

TUB iscrizione: 20130201-SI15/SI15L0FP.PDF /.PS  
la domanda per la misura uscita nella stampa di offset, separazionecmynb\* (CMYK)  
TUB materiale: code=rha4ta

| n   | HIC*Fde        | rgb_Fde           | ict_Fde           | hsi_Fde | rgb*Fde           | LabCh*Fde        | cmyn*sep.Fde     | hsiM.de     | rgb*Mde        | LabCh*Mde        |
|-----|----------------|-------------------|-------------------|---------|-------------------|------------------|------------------|-------------|----------------|------------------|
| 729 | NW_100de       | 1.0 1.0 1.0       | 1.0 0.0 1.0       | 360     | 1.0 1.0 1.0       | 96.3 0.0 0.0     | 0.0 0.0 0.0      | 360         | 1.0 1.0 1.0    | 96.3 0.0 0.0     |
| 730 | G50B_100_012de | 0.875 1.0 1.0     | 1.0 0.125 0.937   | 210     | 0.875 1.0 0.964   | 91.3 -5.2 -3.9   | 6.5 216.9 0.191  | 0.0038 0.0  | 1.0 0.712 56.3 | -41.9 -31.5 52.4 |
| 731 | G50B_100_025de | 0.75 1.0 1.0      | 1.0 0.25 0.875    | 210     | 0.75 1.0 0.928    | 86.3 -10.4 -7.8  | 13.1 216.9 0.339 | 0.066 0.0   | 1.0 0.712 56.3 | -41.9 -31.5 52.4 |
| 732 | G50B_100_037de | 0.625 1.0 1.0     | 1.0 0.375 0.812   | 210     | 0.625 1.0 0.892   | 81.3 -15.7 -11.8 | 19.6 216.9 0.459 | 0.125 0.0   | 1.0 0.712 56.3 | -41.9 -31.5 52.4 |
| 733 | G50B_100_050de | 0.5 1.0 1.0       | 1.0 0.5 0.75      | 210     | 0.5 1.0 0.856     | 76.3 -20.9 -15.7 | 26.2 216.9 0.596 | 0.141 0.0   | 1.0 0.712 56.3 | -41.9 -31.5 52.4 |
| 734 | G50B_100_062de | 0.375 1.0 1.0     | 1.0 0.625 0.687   | 210     | 0.375 1.0 0.82    | 71.3 -26.2 -19.7 | 32.8 216.9 0.691 | 0.166 0.0   | 1.0 0.712 56.3 | -41.9 -31.5 52.4 |
| 735 | G50B_100_075de | 0.25 1.0 1.0      | 1.0 0.75 0.625    | 210     | 0.25 1.0 0.784    | 66.3 -31.4 -23.6 | 39.3 216.9 0.793 | 0.25 0.0    | 1.0 0.712 56.3 | -41.9 -31.5 52.4 |
| 736 | G50B_100_087de | 0.125 1.0 1.0     | 1.0 0.875 0.562   | 210     | 0.125 1.0 0.748   | 61.3 -36.6 -27.6 | 45.9 216.9 0.905 | 0.25 0.0    | 1.0 0.712 56.3 | -41.9 -31.5 52.4 |
| 737 | G50B_100_100de | 0.0 1.0 1.0       | 1.0 1.0 0.5       | 210     | 0.0 1.0 0.712     | 56.3 -41.9 -31.5 | 52.4 216.9 1.0   | 0.286 0.0   | 1.0 0.712 56.3 | -41.9 -31.5 52.4 |
| 738 | RO0Y_100_012de | 1.0 0.875 0.875   | 1.0 0.125 0.937   | 390     | 1.0 0.875 0.891   | 90.2 8.2 3.9     | 9.1 25.4 0.155   | 0.008 0.0   | 1.0 0.131 47.6 | 66.3 31.6 73.4   |
| 739 | NW_087de       | 0.875 0.875 0.875 | 0.875 0.0 0.875   | 360     | 0.875 0.875 0.875 | 86.6 0.0 0.0     | 0.0 0.0 0.0      | 0.014 0.0   | 1.0 0.963 0.0  | 0.0 0.0 0.0      |
| 740 | G50B_087_012de | 0.75 0.875 0.875  | 0.875 0.125 0.812 | 210     | 0.75 0.875 0.839  | 81.6 -5.2 -3.9   | 6.5 216.9 0.208  | 0.052 0.183 | 1.0 0.712 56.3 | -41.9 -31.5 52.4 |
| 741 | G50B_087_025de | 0.625 0.875 0.875 | 0.875 0.25 0.75   | 210     | 0.625 0.875 0.803 | 76.6 -10.4 -7.8  | 13.1 216.9 0.373 | 0.102 0.17  | 1.0 0.712 56.3 | -41.9 -31.5 52.4 |
| 742 | G50B_087_037de | 0.5 0.875 0.875   | 0.875 0.375 0.687 | 210     | 0.5 0.875 0.767   | 71.6 -15.7 -11.8 | 19.6 216.9 0.541 | 0.151 0.162 | 1.0 0.712 56.3 | -41.9 -31.5 52.4 |
| 743 | G50B_087_050de | 0.375 0.875 0.875 | 0.875 0.5 0.625   | 210     | 0.375 0.875 0.731 | 66.6 -20.9 -15.7 | 26.2 216.9 0.648 | 0.185 0.159 | 1.0 0.712 56.3 | -41.9 -31.5 52.4 |
| 744 | G50B_087_062de | 0.25 0.875 0.875  | 0.875 0.625 0.562 | 210     | 0.25 0.875 0.695  | 61.6 -26.2 -19.7 | 32.8 216.9 0.763 | 0.224 0.16  | 1.0 0.712 56.3 | -41.9 -31.5 52.4 |
| 745 | G50B_087_075de | 0.125 0.875 0.875 | 0.875 0.75 0.5    | 210     | 0.125 0.875 0.659 | 56.5 -31.4 -23.6 | 39.3 216.9 0.88  | 0.256 0.17  | 1.0 0.712 56.3 | -41.9 -31.5 52.4 |
| 746 | G50B_087_087de | 0.0 0.875 0.875   | 0.875 0.875 0.437 | 210     | 0.0 0.875 0.623   | 51.5 -36.6 -27.6 | 45.9 216.9 0.965 | 0.283 0.19  | 1.0 0.712 56.3 | -41.9 -31.5 52.4 |
| 747 | RO0Y_100_025de | 1.0 0.75 0.75     | 1.0 0.25 0.875    | 390     | 1.0 0.75 0.782    | 84.2 16.5 7.9    | 18.3 25.4 0.0    | 0.376 0.25  | 1.0 0.131 47.6 | 66.3 31.6 73.4   |
| 748 | RO0Y_087_012de | 0.875 0.75 0.75   | 0.875 0.125 0.812 | 390     | 0.875 0.75 0.766  | 80.5 8.2 3.9     | 9.1 25.4 0.0     | 0.212 0.149 | 1.0 0.131 47.6 | 66.3 31.6 73.4   |
| 749 | NW_075de       | 0.75 0.75 0.75    | 0.75 0.0 0.75     | 360     | 0.75 0.75 0.75    | 76.9 0.0 0.0     | 0.0 0.0 0.0      | 0.0 0.0     | 1.0 0.963 0.0  | 0.0 0.0 0.0      |
| 750 | G50B_075_012de | 0.625 0.75 0.75   | 0.75 0.125 0.687  | 210     | 0.625 0.75 0.714  | 71.9 -5.2 -3.9   | 6.5 216.9 0.221  | 0.072 0.335 | 1.0 0.712 56.3 | -41.9 -31.5 52.4 |
| 751 | G50B_075_025de | 0.5 0.75 0.75     | 0.75 0.25 0.625   | 210     | 0.5 0.75 0.678    | 66.9 -10.4 -7.8  | 13.1 216.9 0.427 | 0.123 0.326 | 1.0 0.712 56.3 | -41.9 -31.5 52.4 |
| 752 | G50B_075_037de | 0.375 0.75 0.75   | 0.75 0.375 0.562  | 210     | 0.375 0.75 0.642  | 61.8 -15.7 -11.8 | 19.6 216.9 0.566 | 0.163 0.32  | 1.0 0.712 56.3 | -41.9 -31.5 52.4 |
| 753 | G50B_075_050de | 0.25 0.75 0.75    | 0.75 0.5 0.5      | 210     | 0.25 0.75 0.606   | 56.8 -20.9 -15.7 | 26.2 216.9 0.703 | 0.207 0.315 | 1.0 0.712 56.3 | -41.9 -31.5 52.4 |
| 754 | G50B_075_062de | 0.125 0.75 0.75   | 0.75 0.625 0.437  | 210     | 0.125 0.75 0.57   | 51.8 -26.2 -19.7 | 32.8 216.9 0.838 | 0.25 0.324  | 1.0 0.712 56.3 | -41.9 -31.5 52.4 |
| 755 | G50B_075_075de | 0.0 0.75 0.75     | 0.75 0.75 0.375   | 210     | 0.0 0.75 0.534    | 46.8 -31.4 -23.6 | 39.3 216.9 0.924 | 0.278 0.349 | 1.0 0.712 56.3 | -41.9 -31.5 52.4 |
| 756 | RO0Y_100_037de | 1.0 0.625 0.625   | 1.0 0.375 0.812   | 390     | 1.0 0.625 0.674   | 78.1 24.8 11.8   | 27.5 25.4 0.0    | 0.39 0.25   | 1.0 0.131 47.6 | 66.3 31.6 73.4   |
| 757 | RO0Y_087_025de | 0.875 0.625 0.625 | 0.875 0.25 0.75   | 390     | 0.875 0.625 0.657 | 74.4 16.5 7.9    | 18.3 25.4 0.0    | 0.372 0.265 | 1.0 0.131 47.6 | 66.3 31.6 73.4   |
| 758 | RO0Y_075_012de | 0.75 0.625 0.625  | 0.75 0.125 0.687  | 390     | 0.75 0.625 0.641  | 70.8 8.2 3.9     | 9.1 25.4 0.0     | 0.246 0.184 | 1.0 0.131 47.6 | 66.3 31.6 73.4   |
| 759 | NW_062de       | 0.625 0.625 0.625 | 0.625 0.0 0.625   | 360     | 0.625 0.625 0.625 | 67.1 0.0 0.0     | 0.0 0.0 0.0      | 0.014 0.045 | 1.0 0.963 0.0  | 0.0 0.0 0.0      |
| 760 | G50B_062_012de | 0.5 0.625 0.625   | 0.625 0.125 0.562 | 210     | 0.5 0.625 0.589   | 62.1 -5.2 -3.9   | 6.5 216.9 0.258  | 0.085 0.491 | 1.0 0.712 56.3 | -41.9 -31.5 52.4 |
| 761 | G50B_062_025de | 0.375 0.625 0.625 | 0.625 0.25 0.5    | 210     | 0.375 0.625 0.553 | 57.1 -10.4 -7.8  | 13.1 216.9 0.451 | 0.135 0.473 | 1.0 0.712 56.3 | -41.9 -31.5 52.4 |
| 762 | G50B_062_037de | 0.25 0.625 0.625  | 0.625 0.375 0.437 | 210     | 0.25 0.625 0.517  | 52.1 -15.7 -11.8 | 19.6 216.9 0.623 | 0.186 0.465 | 1.0 0.712 56.3 | -41.9 -31.5 52.4 |
| 763 | G50B_062_050de | 0.125 0.625 0.625 | 0.625 0.5 0.375   | 210     | 0.125 0.625 0.481 | 47.1 -20.9 -15.7 | 26.2 216.9 0.784 | 0.241 0.478 | 1.0 0.712 56.3 | -41.9 -31.5 52.4 |
| 764 | G50B_062_062de | 0.0 0.625 0.625   | 0.625 0.625 0.312 | 210     | 0.0 0.625 0.445   | 42.1 -26.2 -19.7 | 32.8 216.9 0.867 | 0.216 0.5   | 1.0 0.712 56.3 | -41.9 -31.5 52.4 |
| 765 | RO0Y_100_050de | 1.0 0.5 0.5       | 1.0 0.5 0.75      | 390     | 1.0 0.5 0.565     | 72.0 33.1 15.8   | 36.7 25.4 0.0    | 0.5 0.375   | 1.0 0.131 47.6 | 66.3 31.6 73.4   |
| 766 | RO0Y_087_037de | 0.875 0.5 0.5     | 0.875 0.375 0.687 | 390     | 0.875 0.5 0.549   | 68.3 24.8 11.8   | 27.5 25.4 0.0    | 0.501 0.375 | 1.0 0.131 47.6 | 66.3 31.6 73.4   |
| 767 | RO0Y_075_025de | 0.75 0.5 0.5      | 0.75 0.25 0.625   | 390     | 0.75 0.5 0.532    | 64.7 16.5 7.9    | 18.3 25.4 0.0    | 0.414 0.31  | 1.0 0.131 47.6 | 66.3 31.6 73.4   |
| 768 | RO0Y_062_012de | 0.625 0.5 0.5     | 0.625 0.125 0.562 | 390     | 0.625 0.5 0.516   | 61.1 8.2 3.9     | 9.1 25.4 0.0     | 0.287 0.21  | 1.0 0.131 47.6 | 66.3 31.6 73.4   |
| 769 | NW_050de       | 0.5 0.5 0.5       | 0.5 0.0 0.5       | 360     | 0.5 0.5 0.5       | 57.4 0.0 0.0     | 0.0 0.0 0.0      | 0.033 0.072 | 1.0 0.963 0.0  | 0.0 0.0 0.0      |
| 770 | G50B_050_012de | 0.375 0.5 0.5     | 0.5 0.125 0.437   | 210     | 0.375 0.5 0.464   | 52.4 -5.2 -3.9   | 6.5 216.9 0.268  | 0.1 0.614   | 1.0 0.712 56.3 | -41.9 -31.5 52.4 |
| 771 | G50B_050_025de | 0.25 0.5 0.5      | 0.5 0.25 0.375    | 210     | 0.249 0.5 0.428   | 47.4 -10.4 -7.8  | 13.1 216.9 0.507 | 0.158 0.604 | 1.0 0.712 56.3 | -41.9 -31.5 52.4 |
| 772 | G50B_050_037de | 0.125 0.5 0.5     | 0.5 0.375 0.312   | 210     | 0.124 0.5 0.392   | 42.4 -15.7 -11.8 | 19.6 216.9 0.706 | 0.211 0.614 | 1.0 0.712 56.3 | -41.9 -31.5 52.4 |
| 773 | G50B_050_050de | 0.0 0.5 0.5       | 0.5 0.5 0.25      | 210     | 0.0 0.5 0.356     | 37.4 -20.9 -15.7 | 26.2 216.9 0.797 | 0.265 0.625 | 1.0 0.712 56.3 | -41.9 -31.5 52.4 |
| 774 | RO0Y_100_062de | 1.0 0.375 0.375   | 1.0 0.625 0.687   | 390     | 1.0 0.375 0.457   | 65.9 41.4 19.7   | 45.9 25.4 0.0    | 0.625 0.5   | 1.0 0.131 47.6 | 66.3 31.6 73.4   |
| 775 | RO0Y_087_050de | 0.875 0.375 0.375 | 0.875 0.5 0.625   | 390     | 0.875 0.375 0.44  | 62.2 33.1 15.8   | 36.7 25.4 0.0    | 0.613 0.477 | 1.0 0.131 47.6 | 66.3 31.6 73.4   |
| 776 | RO0Y_075_037de | 0.75 0.375 0.375  | 0.75 0.375 0.562  | 390     | 0.75 0.375 0.424  | 58.6 24.8 11.8   | 27.5 25.4 0.0    | 0.551 0.428 | 1.0 0.131 47.6 | 66.3 31.6 73.4   |
| 777 | RO0Y_062_025de | 0.625 0.375 0.375 | 0.625 0.25 0.5    | 390     | 0.625 0.375 0.407 | 55.0 16.5 7.9    | 18.3 25.4 0.0    | 0.474 0.352 | 1.0 0.131 47.6 | 66.3 31.6 73.4   |
| 778 | RO0Y_050_012de | 0.5 0.375 0.375   | 0.5 0.125 0.437   | 390     | 0.5 0.375 0.391   | 51.3 8.2 3.9     | 9.1 25.4 0.0     | 0.327 0.257 | 1.0 0.131 47.6 | 66.3 31.6 73.4   |
| 779 | NW_037de       | 0.375 0.375 0.375 | 0.375 0.0 0.375   | 360     | 0.375 0.375 0.375 | 47.7 0.0 0.0     | 0.0 0.0 0.0      | 0.016 0.067 | 1.0 0.963 0.0  | 0.0 0.0 0.0      |
| 780 | G50B_037_012de | 0.25 0.375 0.375  | 0.375 0.125 0.312 | 210     | 0.249 0.375 0.339 | 42.7 -5.2 -3.9   | 6.5 216.9 0.308  | 0.123 0.722 | 1.0 0.712 56.3 | -41.9 -31.5 52.4 |
| 781 | G50B_037_025de | 0.125 0.375 0.375 | 0.375 0.25 0.25   | 210     | 0.124 0.375 0.303 | 37.7 -10.4 -7.8  | 13.1 216.9 0.591 | 0.171 0.73  | 1.0 0.712 56.3 | -41.9 -31.5 52.4 |
| 782 | G50B_037_037de | 0.0 0.375 0.375   | 0.375 0.375 0.187 | 210     | 0.0 0.375 0.267   | 32.7 -15.7 -11.8 | 19.6 216.9 0.676 | 0.256 0.758 | 1.0 0.712 56.3 | -41.9 -31.5 52.4 |
| 783 | RO0Y_100_075de | 1.0 0.25 0        |                   |         |                   |                  |                  |             |                |                  |

http://130.149.60.45/~farbmetrik/SI15/SI15L0FP.PDF /.PS; 3D-linearizzazzione  
F: 3D-linearizzazzione SI15/SI15LI30FP.DAT nel file (F), pagina 30/33

| n   | HIC*F <sub>de</sub>        | rgb_F <sub>de</sub> | ict_F <sub>de</sub> | hsi_F <sub>de</sub> | rgb*F <sub>de</sub> | LabCh*F <sub>de</sub> | cmyn*sep.F <sub>de</sub> | hsiM <sub>de</sub> | rgb*M <sub>de</sub> | LabCh*M <sub>de</sub> |
|-----|----------------------------|---------------------|---------------------|---------------------|---------------------|-----------------------|--------------------------|--------------------|---------------------|-----------------------|
| 810 | NW_100 <sub>de</sub>       | 1.0 1.0 1.0         | 1.0 0.0 1.0         | 360                 | 1.0 1.0 1.0         | 96.3 0.0 0.0          | 0.0 0.0 0.0              | 360                | 1.0 1.0 1.0         | 96.3 0.0 0.0          |
| 811 | B00R_100_012 <sub>de</sub> | 0.875 0.875 1.0     | 1.0 0.125 0.937     | 270                 | 0.875 0.919 1.0     | 88.9 0.1 -5.8         | 5.8 271.7 0.15           | 249                | 0.0 0.358 1.0       | 36.7 1.4 -46.6        |
| 812 | B00R_100_025 <sub>de</sub> | 0.75 0.75 1.0       | 1.0 0.25 0.875      | 270                 | 0.75 0.839 1.0      | 81.4 0.3 -11.6        | 11.6 271.7 0.288         | 249                | 0.0 0.358 1.0       | 36.7 1.4 -46.6        |
| 813 | B00R_100_037 <sub>de</sub> | 0.625 0.625 1.0     | 1.0 0.375 0.812     | 270                 | 0.625 0.759 1.0     | 74.0 0.5 -17.4        | 17.4 271.7 0.409         | 249                | 0.0 0.358 1.0       | 36.7 1.4 -46.6        |
| 814 | B00R_100_050 <sub>de</sub> | 0.5 0.5 1.0         | 1.0 0.5 0.75        | 270                 | 0.5 0.679 1.0       | 66.5 0.7 -23.3        | 23.3 271.7 0.541         | 249                | 0.0 0.358 1.0       | 36.7 1.4 -46.6        |
| 815 | B00R_100_062 <sub>de</sub> | 0.375 0.375 1.0     | 1.0 0.625 0.687     | 270                 | 0.375 0.598 1.0     | 59.0 0.8 -29.1        | 29.1 271.7 0.654         | 249                | 0.0 0.358 1.0       | 36.7 1.4 -46.6        |
| 816 | B00R_100_075 <sub>de</sub> | 0.25 0.25 1.0       | 1.0 0.75 0.625      | 270                 | 0.25 0.518 1.0      | 51.6 1.0 -34.9        | 34.9 271.7 0.736         | 249                | 0.0 0.358 1.0       | 36.7 1.4 -46.6        |
| 817 | B00R_100_087 <sub>de</sub> | 0.125 0.125 1.0     | 1.0 0.875 0.562     | 270                 | 0.125 0.438 1.0     | 44.1 1.2 -40.8        | 40.8 271.7 0.787         | 249                | 0.0 0.358 1.0       | 36.7 1.4 -46.6        |
| 818 | B00R_100_100 <sub>de</sub> | 0.0 0.0 1.0         | 1.0 1.0 0.5         | 270                 | 0.0 0.358 1.0       | 36.7 1.4 -46.6        | 46.6 271.7 1.0           | 249                | 0.0 0.358 1.0       | 36.7 1.4 -46.6        |
| 819 | Y00G_100_012 <sub>de</sub> | 1.0 1.0 0.875       | 1.0 0.125 0.937     | 90                  | 1.0 0.983 0.875     | 94.9 -0.4 10.4        | 10.4 92.3 0.0            | 83                 | 1.0 0.868 0.0       | 85.1 -3.3 83.7        |
| 820 | NW_087 <sub>de</sub>       | 0.875 0.875 0.875   | 0.875 0.0 0.875     | 360                 | 0.875 0.875 0.875   | 86.6 0.0 0.0          | 0.0 0.0 0.0              | 360                | 1.0 1.0 1.0         | 96.3 0.0 0.0          |
| 821 | B00R_087_012 <sub>de</sub> | 0.75 0.75 0.875     | 0.875 0.125 0.812   | 270                 | 0.75 0.794 0.875    | 79.1 0.1 -5.8         | 5.8 271.7 0.143          | 249                | 0.0 0.358 1.0       | 36.7 1.4 -46.6        |
| 822 | B00R_087_025 <sub>de</sub> | 0.625 0.625 0.875   | 0.875 0.25 0.75     | 270                 | 0.625 0.714 0.875   | 71.7 0.3 -11.6        | 11.6 271.7 0.299         | 249                | 0.0 0.358 1.0       | 36.7 1.4 -46.6        |
| 823 | B00R_087_037 <sub>de</sub> | 0.5 0.5 0.875       | 0.875 0.375 0.687   | 270                 | 0.5 0.634 0.875     | 64.2 0.5 -17.4        | 17.4 271.7 0.456         | 249                | 0.0 0.358 1.0       | 36.7 1.4 -46.6        |
| 824 | B00R_087_050 <sub>de</sub> | 0.375 0.375 0.875   | 0.875 0.5 0.625     | 270                 | 0.375 0.554 0.875   | 56.8 0.7 -23.3        | 23.3 271.7 0.58          | 249                | 0.0 0.358 1.0       | 36.7 1.4 -46.6        |
| 825 | B00R_087_062 <sub>de</sub> | 0.25 0.25 0.875     | 0.875 0.625 0.562   | 270                 | 0.25 0.473 0.875    | 49.3 0.8 -29.1        | 29.1 271.7 0.697         | 249                | 0.0 0.358 1.0       | 36.7 1.4 -46.6        |
| 826 | B00R_087_075 <sub>de</sub> | 0.125 0.125 0.875   | 0.875 0.75 0.5      | 270                 | 0.125 0.393 0.875   | 41.8 1.0 -34.9        | 34.9 271.7 0.839         | 249                | 0.0 0.358 1.0       | 36.7 1.4 -46.6        |
| 827 | B00R_087_087 <sub>de</sub> | 0.0 0.0 0.875       | 0.875 0.875 0.437   | 270                 | 0.0 0.313 0.875     | 34.4 1.2 -40.8        | 40.8 271.7 0.958         | 249                | 0.0 0.358 1.0       | 36.7 1.4 -46.6        |
| 828 | Y00G_100_025 <sub>de</sub> | 1.0 1.0 0.75        | 1.0 0.25 0.875      | 90                  | 1.0 0.967 0.75      | 93.5 -0.8 20.9        | 20.9 92.3 0.0            | 83                 | 1.0 0.868 0.0       | 85.1 -3.3 83.7        |
| 829 | Y00G_087_012 <sub>de</sub> | 0.875 0.875 0.75    | 0.875 0.125 0.812   | 90                  | 0.875 0.858 0.75    | 85.2 -0.4 10.4        | 10.4 92.3 0.0            | 83                 | 1.0 0.868 0.0       | 85.1 -3.3 83.7        |
| 830 | NW_075 <sub>de</sub>       | 0.75 0.75 0.75      | 0.75 0.0 0.75       | 360                 | 0.75 0.75 0.75      | 76.9 0.0 0.0          | 0.0 0.0 0.0              | 360                | 1.0 1.0 1.0         | 96.3 0.0 0.0          |
| 831 | B00R_075_012 <sub>de</sub> | 0.625 0.625 0.75    | 0.75 0.125 0.687    | 270                 | 0.625 0.669 0.75    | 69.4 0.1 -5.8         | 5.8 271.7 0.139          | 249                | 0.0 0.358 1.0       | 36.7 1.4 -46.6        |
| 832 | B00R_075_025 <sub>de</sub> | 0.5 0.5 0.75        | 0.75 0.25 0.625     | 270                 | 0.5 0.589 0.75      | 62.0 0.3 -11.6        | 11.6 271.7 0.332         | 249                | 0.0 0.358 1.0       | 36.7 1.4 -46.6        |
| 833 | B00R_075_037 <sub>de</sub> | 0.375 0.375 0.75    | 0.75 0.375 0.562    | 270                 | 0.375 0.509 0.75    | 54.5 0.5 -17.4        | 17.4 271.7 0.49          | 249                | 0.0 0.358 1.0       | 36.7 1.4 -46.6        |
| 834 | B00R_075_050 <sub>de</sub> | 0.25 0.25 0.75      | 0.75 0.5 0.5        | 270                 | 0.25 0.429 0.75     | 47.0 0.7 -23.3        | 23.3 271.7 0.637         | 249                | 0.0 0.358 1.0       | 36.7 1.4 -46.6        |
| 835 | B00R_075_062 <sub>de</sub> | 0.125 0.125 0.75    | 0.75 0.625 0.437    | 270                 | 0.125 0.348 0.75    | 39.6 0.8 -29.1        | 29.1 271.7 0.792         | 249                | 0.0 0.358 1.0       | 36.7 1.4 -46.6        |
| 836 | B00R_075_075 <sub>de</sub> | 0.0 0.0 0.75        | 0.75 0.75 0.375     | 270                 | 0.0 0.268 0.75      | 32.1 1.0 -34.9        | 34.9 271.7 0.915         | 249                | 0.0 0.358 1.0       | 36.7 1.4 -46.6        |
| 837 | Y00G_100_037 <sub>de</sub> | 1.0 1.0 0.625       | 1.0 0.375 0.812     | 90                  | 1.0 0.95 0.625      | 92.1 -1.2 31.3        | 31.3 92.3 0.0            | 83                 | 1.0 0.868 0.0       | 85.1 -3.3 83.7        |
| 838 | Y00G_087_025 <sub>de</sub> | 0.875 0.875 0.625   | 0.875 0.25 0.75     | 90                  | 0.875 0.842 0.625   | 83.8 -0.8 20.9        | 20.9 92.3 0.0            | 83                 | 1.0 0.868 0.0       | 85.1 -3.3 83.7        |
| 839 | Y00G_075_012 <sub>de</sub> | 0.75 0.75 0.625     | 0.75 0.125 0.687    | 90                  | 0.75 0.733 0.625    | 75.5 -0.4 10.4        | 10.4 92.3 0.0            | 83                 | 1.0 0.868 0.0       | 85.1 -3.3 83.7        |
| 840 | NW_062 <sub>de</sub>       | 0.625 0.625 0.625   | 0.625 0.0 0.625     | 360                 | 0.625 0.625 0.625   | 67.1 0.0 0.0          | 0.0 0.0 0.0              | 360                | 1.0 1.0 1.0         | 96.3 0.0 0.0          |
| 841 | B00R_062_012 <sub>de</sub> | 0.5 0.5 0.625       | 0.625 0.125 0.562   | 270                 | 0.5 0.544 0.625     | 59.7 0.1 -5.8         | 5.8 271.7 0.176          | 249                | 0.0 0.358 1.0       | 36.7 1.4 -46.6        |
| 842 | B00R_062_025 <sub>de</sub> | 0.375 0.375 0.625   | 0.625 0.25 0.5      | 270                 | 0.375 0.464 0.625   | 52.2 0.3 -11.6        | 11.6 271.7 0.367         | 249                | 0.0 0.358 1.0       | 36.7 1.4 -46.6        |
| 843 | B00R_062_037 <sub>de</sub> | 0.25 0.25 0.625     | 0.625 0.375 0.437   | 270                 | 0.25 0.384 0.625    | 44.8 0.5 -17.4        | 17.4 271.7 0.547         | 249                | 0.0 0.358 1.0       | 36.7 1.4 -46.6        |
| 844 | B00R_062_050 <sub>de</sub> | 0.125 0.125 0.625   | 0.625 0.5 0.375     | 270                 | 0.125 0.304 0.625   | 37.3 0.7 -23.3        | 23.3 271.7 0.734         | 249                | 0.0 0.358 1.0       | 36.7 1.4 -46.6        |
| 845 | B00R_062_062 <sub>de</sub> | 0.0 0.0 0.625       | 0.625 0.625 0.312   | 270                 | 0.0 0.223 0.625     | 29.8 0.8 -29.1        | 29.1 271.7 0.868         | 249                | 0.0 0.358 1.0       | 36.7 1.4 -46.6        |
| 846 | Y00G_100_050 <sub>de</sub> | 1.0 1.0 0.5         | 1.0 0.5 0.75        | 90                  | 1.0 0.934 0.5       | 90.7 -1.6 41.8        | 41.8 92.3 0.0            | 83                 | 1.0 0.868 0.0       | 85.1 -3.3 83.7        |
| 847 | Y00G_087_037 <sub>de</sub> | 0.875 0.875 0.5     | 0.875 0.375 0.687   | 90                  | 0.875 0.825 0.5     | 82.4 -1.2 31.3        | 31.3 92.3 0.0            | 83                 | 1.0 0.868 0.0       | 85.1 -3.3 83.7        |
| 848 | Y00G_075_025 <sub>de</sub> | 0.75 0.75 0.5       | 0.75 0.25 0.625     | 90                  | 0.75 0.717 0.5      | 74.1 -0.8 20.9        | 20.9 92.3 0.0            | 83                 | 1.0 0.868 0.0       | 85.1 -3.3 83.7        |
| 849 | Y00G_062_012 <sub>de</sub> | 0.625 0.625 0.5     | 0.625 0.125 0.562   | 90                  | 0.625 0.608 0.5     | 65.7 -0.4 10.4        | 10.4 92.3 0.0            | 83                 | 1.0 0.868 0.0       | 85.1 -3.3 83.7        |
| 850 | NW_050 <sub>de</sub>       | 0.5 0.5 0.5         | 0.5 0.0 0.5         | 360                 | 0.5 0.5 0.5         | 57.4 0.0 0.0          | 0.0 0.0 0.0              | 360                | 1.0 1.0 1.0         | 96.3 0.0 0.0          |
| 851 | B00R_050_012 <sub>de</sub> | 0.375 0.375 0.5     | 0.5 0.125 0.437     | 270                 | 0.375 0.419 0.5     | 50.0 0.1 -5.8         | 5.8 271.7 0.187          | 249                | 0.0 0.358 1.0       | 36.7 1.4 -46.6        |
| 852 | B00R_050_025 <sub>de</sub> | 0.25 0.25 0.5       | 0.5 0.25 0.375      | 270                 | 0.249 0.339 0.5     | 42.5 0.3 -11.6        | 11.6 271.7 0.424         | 249                | 0.0 0.358 1.0       | 36.7 1.4 -46.6        |
| 853 | B00R_050_037 <sub>de</sub> | 0.125 0.125 0.5     | 0.5 0.375 0.312     | 270                 | 0.124 0.259 0.5     | 35.0 0.5 -17.4        | 17.4 271.7 0.648         | 249                | 0.0 0.358 1.0       | 36.7 1.4 -46.6        |
| 854 | B00R_050_050 <sub>de</sub> | 0.0 0.0 0.5         | 0.5 0.5 0.25        | 270                 | 0.0 0.179 0.5       | 27.6 0.7 -23.3        | 23.3 271.7 0.797         | 249                | 0.0 0.358 1.0       | 36.7 1.4 -46.6        |
| 855 | Y00G_100_062 <sub>de</sub> | 1.0 1.0 0.375       | 1.0 0.625 0.687     | 90                  | 1.0 0.917 0.375     | 89.3 -2.1 52.3        | 52.3 92.3 0.0            | 83                 | 1.0 0.868 0.0       | 85.1 -3.3 83.7        |
| 856 | Y00G_087_050 <sub>de</sub> | 0.875 0.875 0.375   | 0.875 0.5 0.625     | 90                  | 0.875 0.809 0.375   | 81.0 -1.6 41.8        | 41.8 92.3 0.0            | 83                 | 1.0 0.868 0.0       | 85.1 -3.3 83.7        |
| 857 | Y00G_075_037 <sub>de</sub> | 0.75 0.75 0.375     | 0.75 0.375 0.562    | 90                  | 0.75 0.7 0.375      | 72.7 -1.2 31.3        | 31.3 92.3 0.0            | 83                 | 1.0 0.868 0.0       | 85.1 -3.3 83.7        |
| 858 | Y00G_062_025 <sub>de</sub> | 0.625 0.625 0.375   | 0.625 0.25 0.5      | 90                  | 0.625 0.592 0.375   | 64.3 -0.8 20.9        | 20.9 92.3 0.0            | 83                 | 1.0 0.868 0.0       | 85.1 -3.3 83.7        |
| 859 | Y00G_050_012 <sub>de</sub> | 0.5 0.5 0.375       | 0.5 0.125 0.437     | 90                  | 0.5 0.483 0.375     | 56.0 -0.4 10.4        | 10.4 92.3 0.0            | 83                 | 1.0 0.868 0.0       | 85.1 -3.3 83.7        |
| 860 | NW_037 <sub>de</sub>       | 0.375 0.375 0.375   | 0.375 0.0 0.375     | 360                 | 0.375 0.375 0.375   | 47.7 0.0 0.0          | 0.0 0.0 0.0              | 360                | 1.0 1.0 1.0         | 96.3 0.0 0.0          |
| 861 | B00R_037_012 <sub>de</sub> | 0.25 0.25 0.375     | 0.375 0.125 0.312   | 270                 | 0.249 0.294 0.375   | 40.2 0.1 -5.8         | 5.8 271.7 0.207          | 249                | 0.0 0.358 1.0       | 36.7 1.4 -46.6        |
| 862 | B00R_037_025 <sub>de</sub> | 0.125 0.125 0.375   | 0.375 0.25 0.25     | 270                 | 0.124 0.214 0.375   | 32.8 0.3 -11.6        | 11.6 271.7 0.52          | 249                | 0.0 0.358 1.0       | 36.7 1.4 -46.6        |
| 863 | B00R_037_037 <sub>de</sub> | 0.0 0.0 0.375       | 0.375 0.375 0.187   | 270                 | 0.0 0.134 0.375     | 25.3 0.5 -17.4        | 17.4 271.7 0.684         | 249                | 0.0 0.358 1.0       | 36.7 1.4 -46.6        |
| 864 | Y00G_100_075 <sub>de</sub> | 1.0 1.0 0.25        | 1.0 0.75 0.625      | 90                  | 1.0 0.901 0.25      | 87.9 -2.5 62.7        | 62.8 92.3 0.0            | 83                 | 1.0 0.868 0.0       | 85.1 -3.3 83.7        |
| 865 | Y00G_087_062 <sub>de</sub> | 0.875 0.875 0.25    | 0.875 0.625 0.562   | 90                  | 0.875 0.792 0.25    | 79.6 -2.1 52.3        | 52.3 92.3 0.0            | 83                 | 1.0 0.868 0.0       | 85.1 -3.3 83.7        |
| 866 | Y00G_075_050 <sub>de</sub> | 0.75 0.75 0.25      | 0.75 0.5 0.5        | 90                  | 0.75 0.684 0.25     | 71.3 -1.6 41.8        | 41.8 92.3 0.0            | 83                 | 1.0 0.868 0.0       | 85.1 -3.3 83.7        |
| 867 | Y00G_062_037 <sub>de</sub> | 0.625 0.625 0.25    | 0.625 0.375 0.437   | 90                  | 0.625 0.575 0.25    | 62.9 -1.2 31.3        | 31.3 92.3 0.0            | 83                 | 1.0 0.868 0.0       | 85.1 -3.3 83.7        |
| 868 | Y00G_050_025 <sub>de</sub> | 0.5 0.5 0.25        | 0.5 0.25 0.375      | 90                  | 0.5 0.467 0.249     | 54.6 -0.8 20.9        | 20.9 92.3 0.0            | 83                 | 1.0 0.868 0.0       | 85.1 -3.3 83.7        |
| 869 | Y00G_037_012 <sub>de</sub> | 0.375 0.375 0.25    | 0.375 0.125 0.312   | 90                  | 0.375 0.358 0.249   | 46.3 -0.4 10.4        | 10.4 92.3 0.0            | 83                 | 1.0 0.868 0.0       | 85.1 -3.3 83.7        |
| 870 | NW_025 <sub>de</sub>       | 0.25 0.25 0.25      | 0.25 0.0 0.25       | 360                 | 0.25 0.25 0.25      | 37.9 0.0 0.0          | 0.0 0.0 0.0              | 360                | 1.0 1.0 1.0         | 96.3 0.0 0.0          |
| 871 | B00R_025_012 <sub>de</sub> | 0.125 0.125 0.25    | 0.25 0.125 0.187    | 270                 | 0.124 0.169 0.25    | 30.5 0.1 -5.8         | 5.8 271.7 0.349          | 249                | 0.0 0.358 1.0       | 36.7 1.4 -46.6        |
| 872 | B00R_025_025 <sub>de</sub> | 0.0 0.0 0.25        | 0.25 0.25 0.125     | 270                 | 0.0 0.089 0.25      | 23.0 0.3 -11.6        | 11.6 271.7 0.569         | 249                | 0.0 0.358 1.0       | 36.7 1.4 -46.6        |
| 873 | Y00G_100_087 <sub>de</sub> | 1.0 1.0 0.125       | 1.0 0.875 0.562     | 90                  | 1.0 0.884 0.125     | 86.5 -2.9 73.2        | 73.2 92.3 0.0            | 83                 | 1.0 0.868 0.0       | 85.1 -3.3 83.7        |
| 874 | Y00G_087_075 <sub>de</sub> | 0.875 0.875 0.125   | 0.875 0.75 0.5      | 90                  | 0.875 0.776 0.125   | 78.2 -2.5 62.7        | 62.8 92.3 0.0            | 83                 | 1.0 0.868 0.0       | 85.1 -3.3 83.7        |
| 875 | Y00G_075_062 <sub>de</sub> | 0.75 0.75 0.125     | 0.75 0.625 0.437    | 90                  | 0.75 0.667 0.125    | 69.9 -2.1 52.3        | 52.3 92.3 0.0            | 83                 | 1.0 0.868 0.0       | 85.1 -3.3 83.7        |
| 876 | Y00G_062_050 <sub>de</sub> | 0.625 0.625 0.125   | 0.625 0.5 0.375     | 90                  | 0.625 0.559 0.125   | 61.5 -1.6 41.8        | 41.8 92.3 0.0            |                    |                     |                       |

| n   | HIC*Fde        | rgb_Fde           | ict_Fde           | hsi_Fde | rgb*Fde           | LabCh*Fde       | cmyn*sep.Fde     | hsiMde          | rgb*Mde     | LabCh*Mde     |
|-----|----------------|-------------------|-------------------|---------|-------------------|-----------------|------------------|-----------------|-------------|---------------|
| 891 | NW_100de       | 1.0 1.0 1.0       | 1.0 0.0 1.0       | 360     | 1.0 1.0 1.0       | 96.3 0.0 0.0    | 0.0 0.0 0.0      | 360             | 1.0 1.0 1.0 | 96.3 0.0 0.0  |
| 892 | B50R_100_012de | 1.0 0.875 1.0     | 1.0 0.125 0.937   | 330     | 0.927 0.875 1.0   | 88.7 6.2 -3.8   | 7.3 328.6 0.053  | 0.149 0.0 0.01  | 294         | 0.42 0.0 1.0  |
| 893 | B50R_100_025de | 1.0 0.75 1.0      | 1.0 0.25 0.875    | 330     | 0.855 0.75 1.0    | 81.0 12.5 -7.6  | 14.6 328.6 0.121 | 0.285 0.0 0.008 | 294         | 0.42 0.0 1.0  |
| 894 | B50R_100_037de | 1.0 0.625 1.0     | 1.0 0.375 0.812   | 330     | 0.782 0.625 1.0   | 73.3 18.7 -11.4 | 21.9 328.6 0.198 | 0.409 0.0 0.007 | 294         | 0.42 0.0 1.0  |
| 895 | B50R_100_050de | 1.0 0.5 1.0       | 1.0 0.5 0.75      | 330     | 0.71 0.5 1.0      | 65.6 25.0 -15.2 | 29.3 328.6 0.272 | 0.517 0.0 0.005 | 294         | 0.42 0.0 1.0  |
| 896 | B50R_100_062de | 1.0 0.375 1.0     | 1.0 0.625 0.687   | 330     | 0.637 0.375 1.0   | 58.0 31.2 -19.0 | 36.6 328.6 0.33  | 0.641 0.0 0.0   | 294         | 0.42 0.0 1.0  |
| 897 | B50R_100_075de | 1.0 0.25 1.0      | 1.0 0.75 0.625    | 330     | 0.565 0.25 1.0    | 50.3 37.5 -22.8 | 43.9 328.6 0.405 | 0.764 0.0 0.0   | 294         | 0.42 0.0 1.0  |
| 898 | B50R_100_087de | 1.0 0.125 1.0     | 1.0 0.875 0.562   | 330     | 0.492 0.125 1.0   | 42.6 43.7 -26.7 | 51.2 328.6 0.48  | 0.869 0.0 0.005 | 294         | 0.42 0.0 1.0  |
| 899 | B50R_100_100de | 1.0 0.0 1.0       | 1.0 1.0 0.5       | 330     | 0.42 0.0 1.0      | 34.9 50.0 -30.5 | 58.6 328.6 0.577 | 1.0 0.0 0.0     | 294         | 0.42 0.0 1.0  |
| 900 | G00B_100_012de | 0.875 1.0 0.875   | 1.0 0.125 0.937   | 150     | 0.875 1.0 0.876   | 90.7 -8.6 2.7   | 9.0 162.2 0.206  | 0.147 0.0       | 150         | 0.0 1.0 0.011 |
| 901 | NW_087de       | 0.875 0.875 0.875 | 0.875 0.0 0.875   | 360     | 0.875 0.875 0.875 | 86.6 0.0 0.0    | 0.0 0.0 0.0      | 0.014 0.0       | 360         | 1.0 1.0 1.0   |
| 902 | B50R_087_012de | 0.875 0.75 0.875  | 0.875 0.125 0.812 | 330     | 0.802 0.75 0.875  | 78.9 6.2 -3.8   | 7.3 328.6 0.037  | 0.162 0.0       | 294         | 0.42 0.0 1.0  |
| 903 | B50R_087_025de | 0.875 0.625 0.875 | 0.875 0.25 0.75   | 330     | 0.73 0.625 0.875  | 71.3 12.5 -7.6  | 14.6 328.6 0.109 | 0.322 0.0       | 294         | 0.42 0.0 1.0  |
| 904 | B50R_087_037de | 0.875 0.5 0.875   | 0.875 0.375 0.687 | 330     | 0.657 0.5 0.875   | 63.6 18.7 -11.4 | 21.9 328.6 0.19  | 0.458 0.0       | 294         | 0.42 0.0 1.0  |
| 905 | B50R_087_050de | 0.875 0.375 0.875 | 0.875 0.5 0.625   | 330     | 0.585 0.375 0.875 | 55.9 25.0 -15.2 | 29.3 328.6 0.275 | 0.58 0.0        | 294         | 0.42 0.0 1.0  |
| 906 | B50R_087_062de | 0.875 0.25 0.875  | 0.875 0.625 0.562 | 330     | 0.512 0.25 0.875  | 48.2 31.2 -19.0 | 36.6 328.6 0.364 | 0.699 0.0       | 294         | 0.42 0.0 1.0  |
| 907 | B50R_087_075de | 0.875 0.125 0.875 | 0.875 0.75 0.5    | 330     | 0.44 0.125 0.875  | 40.5 37.5 -22.8 | 43.9 328.6 0.457 | 0.819 0.0       | 294         | 0.42 0.0 1.0  |
| 908 | B50R_087_087de | 0.875 0.0 0.875   | 0.875 0.875 0.437 | 330     | 0.367 0.0 0.875   | 32.9 43.7 -26.7 | 51.2 328.6 0.541 | 0.962 0.0       | 294         | 0.42 0.0 1.0  |
| 909 | G00B_100_025de | 0.75 1.0 0.75     | 1.0 0.25 0.875    | 150     | 0.75 1.0 0.752    | 85.2 -17.2 5.5  | 18.1 162.2 0.347 | 0.0 0.25 0.0    | 150         | 0.0 1.0 0.011 |
| 910 | G00B_087_012de | 0.75 0.875 0.75   | 0.875 0.125 0.812 | 150     | 0.75 0.875 0.751  | 81.0 -8.6 2.7   | 9.0 162.2 0.255  | 0.198 0.156     | 150         | 0.0 1.0 0.011 |
| 911 | NW_075de       | 0.75 0.75 0.75    | 0.75 0.0 0.75     | 360     | 0.75 0.75 0.75    | 76.9 0.0 0.0    | 0.0 0.0 0.0      | 0.0 0.02 0.333  | 360         | 1.0 1.0 1.0   |
| 912 | B50R_075_012de | 0.75 0.625 0.75   | 0.75 0.125 0.687  | 330     | 0.677 0.625 0.75  | 69.2 6.2 -3.8   | 7.3 328.6 0.008  | 0.176 0.0       | 294         | 0.42 0.0 1.0  |
| 913 | B50R_075_025de | 0.75 0.5 0.75     | 0.75 0.25 0.625   | 330     | 0.605 0.5 0.75    | 61.5 12.5 -7.6  | 14.6 328.6 0.098 | 0.359 0.0       | 294         | 0.42 0.0 1.0  |
| 914 | B50R_075_037de | 0.75 0.375 0.75   | 0.75 0.375 0.562  | 330     | 0.532 0.375 0.75  | 53.8 18.7 -11.4 | 21.9 328.6 0.21  | 0.502 0.0       | 294         | 0.42 0.0 1.0  |
| 915 | B50R_075_050de | 0.75 0.25 0.75    | 0.75 0.5 0.5      | 330     | 0.46 0.25 0.75    | 46.2 25.0 -15.2 | 29.3 328.6 0.309 | 0.635 0.0       | 294         | 0.42 0.0 1.0  |
| 916 | B50R_075_062de | 0.75 0.125 0.75   | 0.75 0.625 0.437  | 330     | 0.387 0.125 0.75  | 38.5 31.2 -19.0 | 36.6 328.6 0.418 | 0.777 0.0       | 294         | 0.42 0.0 1.0  |
| 917 | B50R_075_075de | 0.75 0.0 0.75     | 0.75 0.75 0.375   | 330     | 0.315 0.0 0.75    | 30.8 37.5 -22.8 | 43.9 328.6 0.507 | 0.92 0.0        | 294         | 0.42 0.0 1.0  |
| 918 | G00B_100_037de | 0.625 1.0 0.625   | 1.0 0.375 0.812   | 150     | 0.625 1.0 0.629   | 79.6 -25.9 8.3  | 27.2 162.2 0.498 | 0.0 0.498 0.0   | 150         | 0.0 1.0 0.011 |
| 919 | G00B_087_025de | 0.625 0.875 0.625 | 0.875 0.25 0.75   | 150     | 0.625 0.875 0.627 | 75.4 -17.2 5.5  | 18.1 162.2 0.432 | 0.0 0.365 0.118 | 150         | 0.0 1.0 0.011 |
| 920 | G00B_075_012de | 0.625 0.75 0.625  | 0.75 0.125 0.687  | 150     | 0.625 0.75 0.626  | 71.3 -8.6 2.7   | 9.0 162.2 0.272  | 0.0 0.235 0.303 | 150         | 0.0 1.0 0.011 |
| 921 | NW_062de       | 0.625 0.625 0.625 | 0.625 0.0 0.625   | 360     | 0.625 0.625 0.625 | 67.1 0.0 0.0    | 0.0 0.0 0.0      | 0.014 0.045     | 360         | 1.0 1.0 1.0   |
| 922 | B50R_062_012de | 0.625 0.5 0.625   | 0.625 0.125 0.562 | 330     | 0.552 0.5 0.625   | 59.5 6.2 -3.8   | 7.3 328.6 0.01   | 0.197 0.0       | 294         | 0.42 0.0 1.0  |
| 923 | B50R_062_025de | 0.625 0.375 0.625 | 0.625 0.25 0.5    | 330     | 0.48 0.375 0.625  | 51.8 12.5 -7.6  | 14.6 328.6 0.12  | 0.39 0.0        | 294         | 0.42 0.0 1.0  |
| 924 | B50R_062_037de | 0.625 0.25 0.625  | 0.625 0.375 0.437 | 330     | 0.407 0.25 0.625  | 44.1 18.7 -11.4 | 21.9 328.6 0.244 | 0.56 0.0        | 294         | 0.42 0.0 1.0  |
| 925 | B50R_062_050de | 0.625 0.125 0.625 | 0.625 0.5 0.375   | 330     | 0.335 0.125 0.625 | 36.4 25.0 -15.2 | 29.3 328.6 0.356 | 0.726 0.0       | 294         | 0.42 0.0 1.0  |
| 926 | B50R_062_062de | 0.625 0.0 0.625   | 0.625 0.625 0.312 | 330     | 0.262 0.0 0.625   | 28.8 31.2 -19.0 | 36.6 328.6 0.48  | 0.868 0.0       | 294         | 0.42 0.0 1.0  |
| 927 | G00B_100_050de | 0.5 1.0 0.5       | 1.0 0.5 0.75      | 150     | 0.5 1.0 0.505     | 74.0 -34.5 11.0 | 36.3 162.2 0.623 | 0.0 0.623 0.0   | 150         | 0.0 1.0 0.011 |
| 928 | G00B_087_037de | 0.5 0.875 0.5     | 0.875 0.375 0.687 | 150     | 0.5 0.875 0.504   | 69.9 -25.9 8.3  | 27.2 162.2 0.598 | 0.0 0.505 0.091 | 150         | 0.0 1.0 0.011 |
| 929 | G00B_075_025de | 0.5 0.75 0.5      | 0.75 0.25 0.625   | 150     | 0.5 0.75 0.502    | 65.7 -17.2 5.5  | 18.1 162.2 0.483 | 0.0 0.413 0.279 | 150         | 0.0 1.0 0.011 |
| 930 | G00B_062_012de | 0.5 0.625 0.5     | 0.625 0.125 0.562 | 150     | 0.5 0.625 0.501   | 61.6 -8.6 2.7   | 9.0 162.2 0.305  | 0.0 0.279 0.465 | 150         | 0.0 1.0 0.011 |
| 931 | NW_050de       | 0.5 0.5 0.5       | 0.5 0.0 0.5       | 360     | 0.5 0.5 0.5       | 57.4 0.0 0.0    | 0.0 0.0 0.0      | 0.033 0.072     | 360         | 1.0 1.0 1.0   |
| 932 | B50R_050_012de | 0.5 0.375 0.5     | 0.5 0.125 0.437   | 330     | 0.427 0.375 0.5   | 49.7 6.2 -3.8   | 7.3 328.6 0.024  | 0.239 0.0       | 294         | 0.42 0.0 1.0  |
| 933 | B50R_050_025de | 0.5 0.25 0.5      | 0.5 0.25 0.375    | 330     | 0.355 0.249 0.5   | 42.1 12.5 -7.6  | 14.6 328.6 0.15  | 0.473 0.0       | 294         | 0.42 0.0 1.0  |
| 934 | B50R_050_037de | 0.5 0.125 0.5     | 0.5 0.375 0.312   | 330     | 0.282 0.124 0.5   | 34.4 18.7 -11.4 | 21.9 328.6 0.31  | 0.67 0.0        | 294         | 0.42 0.0 1.0  |
| 935 | B50R_050_050de | 0.5 0.0 0.5       | 0.5 0.5 0.25      | 330     | 0.21 0.0 0.5      | 26.7 25.0 -15.2 | 29.3 328.6 0.476 | 0.798 0.0       | 294         | 0.42 0.0 1.0  |
| 936 | G00B_100_062de | 0.375 1.0 0.375   | 1.0 0.625 0.687   | 150     | 0.375 1.0 0.382   | 68.4 -43.2 13.8 | 45.3 162.2 0.75  | 0.0 0.625 0.0   | 150         | 0.0 1.0 0.011 |
| 937 | G00B_087_050de | 0.375 0.875 0.375 | 0.875 0.5 0.625   | 150     | 0.375 0.875 0.38  | 64.3 -34.5 11.0 | 36.3 162.2 0.7   | 0.0 0.606 0.081 | 150         | 0.0 1.0 0.011 |
| 938 | G00B_075_037de | 0.375 0.75 0.375  | 0.75 0.375 0.562  | 150     | 0.375 0.75 0.379  | 60.1 -25.9 8.3  | 27.2 162.2 0.628 | 0.0 0.54 0.261  | 150         | 0.0 1.0 0.011 |
| 939 | G00B_062_025de | 0.375 0.625 0.375 | 0.625 0.25 0.5    | 150     | 0.375 0.625 0.377 | 56.0 -17.2 5.5  | 18.1 162.2 0.512 | 0.0 0.453 0.43  | 150         | 0.0 1.0 0.011 |
| 940 | G00B_050_012de | 0.375 0.5 0.375   | 0.5 0.125 0.437   | 150     | 0.375 0.5 0.376   | 51.8 -8.6 2.7   | 9.0 162.2 0.322  | 0.0 0.316 0.589 | 150         | 0.0 1.0 0.011 |
| 941 | NW_037de       | 0.375 0.375 0.375 | 0.375 0.0 0.375   | 360     | 0.375 0.375 0.375 | 47.7 0.0 0.0    | 0.0 0.0 0.0      | 0.016 0.067     | 360         | 1.0 1.0 1.0   |
| 942 | B50R_037_012de | 0.375 0.25 0.375  | 0.375 0.125 0.312 | 330     | 0.302 0.249 0.375 | 40.0 6.2 -3.8   | 7.3 328.6 0.009  | 0.291 0.0       | 294         | 0.42 0.0 1.0  |
| 943 | B50R_037_025de | 0.375 0.125 0.375 | 0.375 0.25 0.25   | 330     | 0.23 0.124 0.375  | 32.3 12.5 -7.6  | 14.6 328.6 0.189 | 0.559 0.0       | 294         | 0.42 0.0 1.0  |
| 944 | B50R_037_037de | 0.375 0.0 0.375   | 0.375 0.375 0.187 | 330     | 0.157 0.0 0.375   | 24.7 18.7 -11.4 | 21.9 328.6 0.343 | 0.686 0.0       | 294         | 0.42 0.0 1.0  |
| 945 | G00B_100_075de | 0.25 1.0 0.25     | 1.0 0.75 0.625    | 150     | 0.25 1.0 0.258    | 62.8 -51.8 16.6 | 54.4 162.2 0.875 | 0.0 0.75 0.0    | 150         | 0.0 1.0 0.011 |
| 946 | G00B_087_062de | 0.25 0.875 0.25   | 0.875 0.625 0.562 | 150     | 0.25 0.875 0.257  | 58.7 -43.2 13.8 | 45.3 162.2 0.811 | 0.0 0.723 0.096 | 150         | 0.0 1.0 0.011 |
| 947 | G00B_075_050de | 0.25 0.75 0.25    | 0.75 0.5 0.5      | 150     | 0.25 0.75 0.255   | 54.5 -34.5 11.0 |                  |                 |             |               |



vedere dei file simili: <http://130.149.60.45/~farbmetrik/SI15/SI15.HTM>  
informazioni tecniche: <http://www.ps.bam.de> o <http://130.149.60.45/~farbmetrik>

TUB iscrizione: 20130201-SI15/SI15L0FP.PDF /.PS  
la domanda per la misura uscita nella stampa di offset, separazionecmy\* (CMYK)  
TUB materiale: code=rha4ta

| n    | HIC*F <sub>de</sub>  | rgb_F <sub>de</sub> |       |       | ict_F <sub>de</sub> |     |       | hsi_F <sub>de</sub> |     |       | rgb*F <sub>de</sub> |       |      | LabCh*F <sub>de</sub> |     |     | cmy* <sub>sep,Fde</sub> |     |       | hsiM <sub>de</sub> |     |     | rgb*M <sub>de</sub> |      |     | LabCh*M <sub>de</sub> |     |       |
|------|----------------------|---------------------|-------|-------|---------------------|-----|-------|---------------------|-----|-------|---------------------|-------|------|-----------------------|-----|-----|-------------------------|-----|-------|--------------------|-----|-----|---------------------|------|-----|-----------------------|-----|-------|
| 972  | NW_000 <sub>de</sub> | 0.0                 | 0.0   | 0.0   | 0.0                 | 0.0 | 0.0   | 0.0                 | 360 | 0.0   | 0.0                 | 0.0   | 18.5 | 0.0                   | 0.0 | 0.0 | 0.0                     | 0.0 | 0.0   | 360                | 1.0 | 1.0 | 1.0                 | 96.3 | 0.0 | 0.0                   | 0.0 | 0.0   |
| 973  | NW_012 <sub>de</sub> | 0.125               | 0.125 | 0.125 | 0.125               | 0.0 | 0.125 | 0.125               | 360 | 0.125 | 0.125               | 0.125 | 28.2 | 0.0                   | 0.0 | 0.0 | 0.0                     | 0.0 | 0.0   | 360                | 1.0 | 1.0 | 1.0                 | 96.3 | 0.0 | 0.0                   | 0.0 | 0.0   |
| 974  | NW_025 <sub>de</sub> | 0.25                | 0.25  | 0.25  | 0.25                | 0.0 | 0.25  | 0.25                | 360 | 0.25  | 0.25                | 0.25  | 37.9 | 0.0                   | 0.0 | 0.0 | 0.0                     | 0.0 | 0.0   | 360                | 1.0 | 1.0 | 1.0                 | 96.3 | 0.0 | 0.0                   | 0.0 | 0.0   |
| 975  | NW_037 <sub>de</sub> | 0.375               | 0.375 | 0.375 | 0.375               | 0.0 | 0.375 | 0.375               | 360 | 0.375 | 0.375               | 0.375 | 47.7 | 0.0                   | 0.0 | 0.0 | 0.0                     | 0.0 | 0.0   | 360                | 1.0 | 1.0 | 1.0                 | 96.3 | 0.0 | 0.0                   | 0.0 | 0.0   |
| 976  | NW_050 <sub>de</sub> | 0.5                 | 0.5   | 0.5   | 0.5                 | 0.0 | 0.5   | 0.5                 | 360 | 0.5   | 0.5                 | 0.5   | 57.4 | 0.0                   | 0.0 | 0.0 | 0.0                     | 0.0 | 0.0   | 360                | 1.0 | 1.0 | 1.0                 | 96.3 | 0.0 | 0.0                   | 0.0 | 0.0   |
| 977  | NW_062 <sub>de</sub> | 0.625               | 0.625 | 0.625 | 0.625               | 0.0 | 0.625 | 0.625               | 360 | 0.625 | 0.625               | 0.625 | 67.1 | 0.0                   | 0.0 | 0.0 | 0.0                     | 0.0 | 0.0   | 360                | 1.0 | 1.0 | 1.0                 | 96.3 | 0.0 | 0.0                   | 0.0 | 0.0   |
| 978  | NW_075 <sub>de</sub> | 0.75                | 0.75  | 0.75  | 0.75                | 0.0 | 0.75  | 0.75                | 360 | 0.75  | 0.75                | 0.75  | 76.9 | 0.0                   | 0.0 | 0.0 | 0.0                     | 0.0 | 0.0   | 360                | 1.0 | 1.0 | 1.0                 | 96.3 | 0.0 | 0.0                   | 0.0 | 0.0   |
| 979  | NW_087 <sub>de</sub> | 0.875               | 0.875 | 0.875 | 0.875               | 0.0 | 0.875 | 0.875               | 360 | 0.875 | 0.875               | 0.875 | 86.6 | 0.0                   | 0.0 | 0.0 | 0.0                     | 0.0 | 0.0   | 360                | 1.0 | 1.0 | 1.0                 | 96.3 | 0.0 | 0.0                   | 0.0 | 0.0   |
| 980  | NW_100 <sub>de</sub> | 1.0                 | 1.0   | 1.0   | 1.0                 | 0.0 | 1.0   | 1.0                 | 360 | 1.0   | 1.0                 | 1.0   | 96.3 | 0.0                   | 0.0 | 0.0 | 0.0                     | 0.0 | 0.0   | 360                | 1.0 | 1.0 | 1.0                 | 96.3 | 0.0 | 0.0                   | 0.0 | 0.0   |
| 981  | NW_000 <sub>de</sub> | 0.0                 | 0.0   | 0.0   | 0.0                 | 0.0 | 0.0   | 0.0                 | 360 | 0.0   | 0.0                 | 0.0   | 18.5 | 0.0                   | 0.0 | 0.0 | 0.0                     | 0.0 | 0.0   | 360                | 1.0 | 1.0 | 1.0                 | 96.3 | 0.0 | 0.0                   | 0.0 | 0.0   |
| 982  | NW_012 <sub>de</sub> | 0.125               | 0.125 | 0.125 | 0.125               | 0.0 | 0.125 | 0.125               | 360 | 0.125 | 0.125               | 0.125 | 28.2 | 0.0                   | 0.0 | 0.0 | 0.0                     | 0.0 | 0.0   | 360                | 1.0 | 1.0 | 1.0                 | 96.3 | 0.0 | 0.0                   | 0.0 | 0.0   |
| 983  | NW_025 <sub>de</sub> | 0.25                | 0.25  | 0.25  | 0.25                | 0.0 | 0.25  | 0.25                | 360 | 0.25  | 0.25                | 0.25  | 37.9 | 0.0                   | 0.0 | 0.0 | 0.0                     | 0.0 | 0.0   | 360                | 1.0 | 1.0 | 1.0                 | 96.3 | 0.0 | 0.0                   | 0.0 | 0.0   |
| 984  | NW_037 <sub>de</sub> | 0.375               | 0.375 | 0.375 | 0.375               | 0.0 | 0.375 | 0.375               | 360 | 0.375 | 0.375               | 0.375 | 47.7 | 0.0                   | 0.0 | 0.0 | 0.0                     | 0.0 | 0.0   | 360                | 1.0 | 1.0 | 1.0                 | 96.3 | 0.0 | 0.0                   | 0.0 | 0.0   |
| 985  | NW_050 <sub>de</sub> | 0.5                 | 0.5   | 0.5   | 0.5                 | 0.0 | 0.5   | 0.5                 | 360 | 0.5   | 0.5                 | 0.5   | 57.4 | 0.0                   | 0.0 | 0.0 | 0.0                     | 0.0 | 0.0   | 360                | 1.0 | 1.0 | 1.0                 | 96.3 | 0.0 | 0.0                   | 0.0 | 0.0   |
| 986  | NW_062 <sub>de</sub> | 0.625               | 0.625 | 0.625 | 0.625               | 0.0 | 0.625 | 0.625               | 360 | 0.625 | 0.625               | 0.625 | 67.1 | 0.0                   | 0.0 | 0.0 | 0.0                     | 0.0 | 0.0   | 360                | 1.0 | 1.0 | 1.0                 | 96.3 | 0.0 | 0.0                   | 0.0 | 0.0   |
| 987  | NW_075 <sub>de</sub> | 0.75                | 0.75  | 0.75  | 0.75                | 0.0 | 0.75  | 0.75                | 360 | 0.75  | 0.75                | 0.75  | 76.9 | 0.0                   | 0.0 | 0.0 | 0.0                     | 0.0 | 0.0   | 360                | 1.0 | 1.0 | 1.0                 | 96.3 | 0.0 | 0.0                   | 0.0 | 0.0   |
| 988  | NW_087 <sub>de</sub> | 0.875               | 0.875 | 0.875 | 0.875               | 0.0 | 0.875 | 0.875               | 360 | 0.875 | 0.875               | 0.875 | 86.6 | 0.0                   | 0.0 | 0.0 | 0.0                     | 0.0 | 0.0   | 360                | 1.0 | 1.0 | 1.0                 | 96.3 | 0.0 | 0.0                   | 0.0 | 0.0   |
| 989  | NW_100 <sub>de</sub> | 1.0                 | 1.0   | 1.0   | 1.0                 | 0.0 | 1.0   | 1.0                 | 360 | 1.0   | 1.0                 | 1.0   | 96.3 | 0.0                   | 0.0 | 0.0 | 0.0                     | 0.0 | 0.0   | 360                | 1.0 | 1.0 | 1.0                 | 96.3 | 0.0 | 0.0                   | 0.0 | 0.0   |
| 990  | NW_000 <sub>de</sub> | 0.0                 | 0.0   | 0.0   | 0.0                 | 0.0 | 0.0   | 0.0                 | 360 | 0.0   | 0.0                 | 0.0   | 18.5 | 0.0                   | 0.0 | 0.0 | 0.0                     | 0.0 | 0.0   | 360                | 1.0 | 1.0 | 1.0                 | 96.3 | 0.0 | 0.0                   | 0.0 | 0.0   |
| 991  | NW_012 <sub>de</sub> | 0.125               | 0.125 | 0.125 | 0.125               | 0.0 | 0.125 | 0.125               | 360 | 0.125 | 0.125               | 0.125 | 28.2 | 0.0                   | 0.0 | 0.0 | 0.0                     | 0.0 | 0.0   | 360                | 1.0 | 1.0 | 1.0                 | 96.3 | 0.0 | 0.0                   | 0.0 | 0.0   |
| 992  | NW_025 <sub>de</sub> | 0.25                | 0.25  | 0.25  | 0.25                | 0.0 | 0.25  | 0.25                | 360 | 0.25  | 0.25                | 0.25  | 37.9 | 0.0                   | 0.0 | 0.0 | 0.0                     | 0.0 | 0.0   | 360                | 1.0 | 1.0 | 1.0                 | 96.3 | 0.0 | 0.0                   | 0.0 | 0.0   |
| 993  | NW_037 <sub>de</sub> | 0.375               | 0.375 | 0.375 | 0.375               | 0.0 | 0.375 | 0.375               | 360 | 0.375 | 0.375               | 0.375 | 47.7 | 0.0                   | 0.0 | 0.0 | 0.0                     | 0.0 | 0.0   | 360                | 1.0 | 1.0 | 1.0                 | 96.3 | 0.0 | 0.0                   | 0.0 | 0.0   |
| 994  | NW_050 <sub>de</sub> | 0.5                 | 0.5   | 0.5   | 0.5                 | 0.0 | 0.5   | 0.5                 | 360 | 0.5   | 0.5                 | 0.5   | 57.4 | 0.0                   | 0.0 | 0.0 | 0.0                     | 0.0 | 0.0   | 360                | 1.0 | 1.0 | 1.0                 | 96.3 | 0.0 | 0.0                   | 0.0 | 0.0   |
| 995  | NW_062 <sub>de</sub> | 0.625               | 0.625 | 0.625 | 0.625               | 0.0 | 0.625 | 0.625               | 360 | 0.625 | 0.625               | 0.625 | 67.1 | 0.0                   | 0.0 | 0.0 | 0.0                     | 0.0 | 0.0   | 360                | 1.0 | 1.0 | 1.0                 | 96.3 | 0.0 | 0.0                   | 0.0 | 0.0   |
| 996  | NW_075 <sub>de</sub> | 0.75                | 0.75  | 0.75  | 0.75                | 0.0 | 0.75  | 0.75                | 360 | 0.75  | 0.75                | 0.75  | 76.9 | 0.0                   | 0.0 | 0.0 | 0.0                     | 0.0 | 0.0   | 360                | 1.0 | 1.0 | 1.0                 | 96.3 | 0.0 | 0.0                   | 0.0 | 0.0   |
| 997  | NW_087 <sub>de</sub> | 0.875               | 0.875 | 0.875 | 0.875               | 0.0 | 0.875 | 0.875               | 360 | 0.875 | 0.875               | 0.875 | 86.6 | 0.0                   | 0.0 | 0.0 | 0.0                     | 0.0 | 0.0   | 360                | 1.0 | 1.0 | 1.0                 | 96.3 | 0.0 | 0.0                   | 0.0 | 0.0   |
| 998  | NW_100 <sub>de</sub> | 1.0                 | 1.0   | 1.0   | 1.0                 | 0.0 | 1.0   | 1.0                 | 360 | 1.0   | 1.0                 | 1.0   | 96.3 | 0.0                   | 0.0 | 0.0 | 0.0                     | 0.0 | 0.0   | 360                | 1.0 | 1.0 | 1.0                 | 96.3 | 0.0 | 0.0                   | 0.0 | 0.0   |
| 999  | NW_000 <sub>de</sub> | 0.0                 | 0.0   | 0.0   | 0.0                 | 0.0 | 0.0   | 0.0                 | 360 | 0.0   | 0.0                 | 0.0   | 18.5 | 0.0                   | 0.0 | 0.0 | 0.0                     | 0.0 | 0.0   | 360                | 1.0 | 1.0 | 1.0                 | 96.3 | 0.0 | 0.0                   | 0.0 | 0.0   |
| 1000 | NW_012 <sub>de</sub> | 0.125               | 0.125 | 0.125 | 0.125               | 0.0 | 0.125 | 0.125               | 360 | 0.125 | 0.125               | 0.125 | 28.2 | 0.0                   | 0.0 | 0.0 | 0.0                     | 0.0 | 0.0   | 360                | 1.0 | 1.0 | 1.0                 | 96.3 | 0.0 | 0.0                   | 0.0 | 0.0   |
| 1001 | NW_025 <sub>de</sub> | 0.25                | 0.25  | 0.25  | 0.25                | 0.0 | 0.25  | 0.25                | 360 | 0.25  | 0.25                | 0.25  | 37.9 | 0.0                   | 0.0 | 0.0 | 0.0                     | 0.0 | 0.0   | 360                | 1.0 | 1.0 | 1.0                 | 96.3 | 0.0 | 0.0                   | 0.0 | 0.0   |
| 1002 | NW_037 <sub>de</sub> | 0.375               | 0.375 | 0.375 | 0.375               | 0.0 | 0.375 | 0.375               | 360 | 0.375 | 0.375               | 0.375 | 47.7 | 0.0                   | 0.0 | 0.0 | 0.0                     | 0.0 | 0.0   | 360                | 1.0 | 1.0 | 1.0                 | 96.3 | 0.0 | 0.0                   | 0.0 | 0.0   |
| 1003 | NW_050 <sub>de</sub> | 0.5                 | 0.5   | 0.5   | 0.5                 | 0.0 | 0.5   | 0.5                 | 360 | 0.5   | 0.5                 | 0.5   | 57.4 | 0.0                   | 0.0 | 0.0 | 0.0                     | 0.0 | 0.0   | 360                | 1.0 | 1.0 | 1.0                 | 96.3 | 0.0 | 0.0                   | 0.0 | 0.0   |
| 1004 | NW_062 <sub>de</sub> | 0.625               | 0.625 | 0.625 | 0.625               | 0.0 | 0.625 | 0.625               | 360 | 0.625 | 0.625               | 0.625 | 67.1 | 0.0                   | 0.0 | 0.0 | 0.0                     | 0.0 | 0.0   | 360                | 1.0 | 1.0 | 1.0                 | 96.3 | 0.0 | 0.0                   | 0.0 | 0.0   |
| 1005 | NW_075 <sub>de</sub> | 0.75                | 0.75  | 0.75  | 0.75                | 0.0 | 0.75  | 0.75                | 360 | 0.75  | 0.75                | 0.75  | 76.9 | 0.0                   | 0.0 | 0.0 | 0.0                     | 0.0 | 0.0   | 360                | 1.0 | 1.0 | 1.0                 | 96.3 | 0.0 | 0.0                   | 0.0 | 0.0   |
| 1006 | NW_087 <sub>de</sub> | 0.875               | 0.875 | 0.875 | 0.875               | 0.0 | 0.875 | 0.875               | 360 | 0.875 | 0.875               | 0.875 | 86.6 | 0.0                   | 0.0 | 0.0 | 0.0                     | 0.0 | 0.0   | 360                | 1.0 | 1.0 | 1.0                 | 96.3 | 0.0 | 0.0                   | 0.0 | 0.0   |
| 1007 | NW_100 <sub>de</sub> | 1.0                 | 1.0   | 1.0   | 1.0                 | 0.0 | 1.0   | 1.0                 | 360 | 1.0   | 1.0                 | 1.0   | 96.3 | 0.0                   | 0.0 | 0.0 | 0.0                     | 0.0 | 0.0   | 360                | 1.0 | 1.0 | 1.0                 | 96.3 | 0.0 | 0.0                   | 0.0 | 0.0   |
| 1008 | NW_000 <sub>de</sub> | 0.0                 | 0.0   | 0.0   | 0.0                 | 0.0 | 0.0   | 0.0                 | 360 | 0.0   | 0.0                 | 0.0   | 18.5 | 0.0                   | 0.0 | 0.0 | 0.0                     | 0.0 | 0.0   | 360                | 1.0 | 1.0 | 1.0                 | 96.3 | 0.0 | 0.0                   | 0.0 | 0.0   |
| 1009 | NW_006 <sub>de</sub> | 0.066               | 0.066 | 0.066 | 0.066               | 0.0 | 0.066 | 0.066               | 360 | 0.066 | 0.066               | 0.066 | 23.6 | 0.0                   | 0.0 | 0.0 | 0.0                     | 0.0 | 0.124 | 360                | 1.0 | 1.0 | 1.0                 | 96.3 | 0.0 | 0.0                   | 0.0 | 0.0   |
| 1010 | NW_013 <sub>de</sub> | 0.133               | 0.133 | 0.133 | 0.133               | 0.0 | 0.133 | 0.133               | 360 | 0.133 | 0.133               | 0.133 | 28.8 | 0.0                   | 0.0 | 0.0 | 0.0                     | 0.0 | 0.0   | 360                | 1.0 | 1.0 | 1.0                 | 96.3 | 0.0 | 0.0                   | 0.0 | 0.0   |
| 1011 | NW_020 <sub>de</sub> | 0.2                 | 0.2   | 0.2   | 0.2                 | 0.0 | 0.2   | 0.2                 | 360 | 0.2   | 0.2                 | 0.2   | 34.1 | 0.0                   | 0.0 | 0.0 | 0.0                     | 0.0 | 0.0   | 360                | 1.0 | 1.0 | 1.0                 | 96.3 | 0.0 | 0.0                   | 0.0 | 0.0   |
| 1012 | NW_026 <sub>de</sub> | 0.266               | 0.266 | 0.266 | 0.266               | 0.0 | 0.266 | 0.266               | 360 | 0.266 | 0.266               | 0.266 | 39.2 | 0.0                   | 0.0 | 0.0 | 0.0                     | 0.0 | 0.0   | 360                | 1.0 | 1.0 | 1.0                 | 96.3 | 0.0 | 0.0                   | 0.0 | 0.0   |
| 1013 | NW_033 <sub>de</sub> | 0.333               | 0.333 | 0.333 | 0.333               | 0.0 | 0.333 | 0.333               | 360 | 0.333 | 0.333               | 0.333 | 44.4 | 0.0                   | 0.0 | 0.0 | 0.0                     | 0.0 | 0.0   | 360                | 1.0 | 1.0 | 1.0                 | 96.3 | 0.0 | 0.0                   | 0.0 | 0.0   |
| 1014 | NW_040 <sub>de</sub> | 0.4                 | 0.4   | 0.4   | 0.4                 | 0.0 | 0.4   | 0.4                 | 360 | 0.4   | 0.4                 | 0.4   | 49.6 | 0.0                   | 0.0 | 0.0 | 0.0                     | 0.0 | 0.0   | 360                | 1.0 | 1.0 | 1.0                 | 96.3 | 0.0 | 0.0                   | 0.0 | 0.0   |
| 1015 | NW_046 <sub>de</sub> | 0.466               | 0.466 | 0.466 | 0.466               | 0.0 | 0.466 | 0.466               | 360 | 0.466 | 0.466               | 0.466 | 54.8 | 0.0                   | 0.0 | 0.0 | 0.0                     | 0.0 | 0.0   | 360                | 1.0 | 1.0 | 1.0                 | 96.3 | 0.0 | 0.0                   | 0.0 | 0.0   |
| 1016 | NW_053 <sub>de</sub> | 0.533               | 0.533 | 0.533 | 0.533               | 0.0 | 0.533 | 0.533               | 360 | 0.533 | 0.533               | 0.533 | 60.0 | 0.0                   | 0.0 | 0.0 | 0.0                     | 0.0 | 0.0   | 360                | 1.0 | 1.0 | 1.0                 | 96.3 | 0.0 | 0.0                   | 0.0 | 0.0</ |



vedere dei file simili: <http://130.149.60.45/~farbmetrik/SI15/SI15.HTM>  
informazioni tecniche: <http://www.ps.bam.de> o <http://130.149.60.45/~farbmetrik>

TUB iscrizione: 20130201-SI15/SI15L0FP.PDF /.PS  
la domanda per la misura uscita nella stampa di offset, separazionecmyn6\* (CMYK)

TUB materiale: code=rha4ta

| n    | HIC*Fde        | rgb_Fde |       |       | ict_Fde |     | hsi_F,de | rgb*Fde |       | LabCh*Fde |       |      |       | cmyn*sep,Fde |      |       |       | hsiM,de | rgb*Mde |       |       | LabCh*Mde |       |       |      |       |       |      |       |
|------|----------------|---------|-------|-------|---------|-----|----------|---------|-------|-----------|-------|------|-------|--------------|------|-------|-------|---------|---------|-------|-------|-----------|-------|-------|------|-------|-------|------|-------|
| 1053 | NW_086de       | 0.866   | 0.866 | 0.866 | 0.866   | 0.0 | 0.866    | 360     | 0.866 | 0.866     | 0.866 | 85.9 | 0.0   | 0.0          | 0.0  | 0.0   | 0.014 | 0.0     | 0.009   | 0.191 | 360   | 1.0       | 1.0   | 1.0   | 96.3 | 0.0   | 0.0   | 0.0  | 0.0   |
| 1054 | NW_093de       | 0.933   | 0.933 | 0.933 | 0.933   | 0.0 | 0.933    | 360     | 0.933 | 0.933     | 0.933 | 91.1 | 0.0   | 0.0          | 0.0  | 0.0   | 0.01  | 0.0     | 0.003   | 0.095 | 360   | 1.0       | 1.0   | 1.0   | 96.3 | 0.0   | 0.0   | 0.0  | 0.0   |
| 1055 | NW_100de       | 1.0     | 1.0   | 1.0   | 1.0     | 0.0 | 1.0      | 360     | 1.0   | 1.0       | 1.0   | 96.3 | 0.0   | 0.0          | 0.0  | 0.0   | 0.0   | 0.0     | 0.0     | 0.0   | 360   | 1.0       | 1.0   | 1.0   | 96.3 | 0.0   | 0.0   | 0.0  | 0.0   |
| 1056 | NW_000de       | 0.0     | 0.0   | 0.0   | 0.0     | 0.0 | 0.0      | 360     | 0.0   | 0.0       | 0.0   | 18.5 | 0.0   | 0.0          | 0.0  | 0.0   | 0.0   | 0.0     | 0.0     | 1.0   | 360   | 1.0       | 1.0   | 1.0   | 96.3 | 0.0   | 0.0   | 0.0  | 0.0   |
| 1057 | NW_006de       | 0.066   | 0.066 | 0.066 | 0.066   | 0.0 | 0.066    | 360     | 0.066 | 0.066     | 0.066 | 23.6 | 0.0   | 0.0          | 0.0  | 0.0   | 0.124 | 0.0     | 0.13    | 0.947 | 360   | 1.0       | 1.0   | 1.0   | 96.3 | 0.0   | 0.0   | 0.0  | 0.0   |
| 1058 | NW_013de       | 0.133   | 0.133 | 0.133 | 0.133   | 0.0 | 0.133    | 360     | 0.133 | 0.133     | 0.133 | 28.8 | 0.0   | 0.0          | 0.0  | 0.0   | 0.0   | 0.027   | 0.109   | 0.893 | 360   | 1.0       | 1.0   | 1.0   | 96.3 | 0.0   | 0.0   | 0.0  | 0.0   |
| 1059 | NW_020de       | 0.2     | 0.2   | 0.2   | 0.2     | 0.0 | 0.2      | 360     | 0.2   | 0.2       | 0.2   | 34.1 | 0.0   | 0.0          | 0.0  | 0.0   | 0.0   | 0.015   | 0.068   | 0.844 | 360   | 1.0       | 1.0   | 1.0   | 96.3 | 0.0   | 0.0   | 0.0  | 0.0   |
| 1060 | NW_026de       | 0.266   | 0.266 | 0.266 | 0.266   | 0.0 | 0.266    | 360     | 0.266 | 0.266     | 0.266 | 39.2 | 0.0   | 0.0          | 0.0  | 0.0   | 0.0   | 0.008   | 0.057   | 0.798 | 360   | 1.0       | 1.0   | 1.0   | 96.3 | 0.0   | 0.0   | 0.0  | 0.0   |
| 1061 | NW_033de       | 0.333   | 0.333 | 0.333 | 0.333   | 0.0 | 0.333    | 360     | 0.333 | 0.333     | 0.333 | 44.4 | 0.0   | 0.0          | 0.0  | 0.0   | 0.0   | 0.045   | 0.091   | 0.747 | 360   | 1.0       | 1.0   | 1.0   | 96.3 | 0.0   | 0.0   | 0.0  | 0.0   |
| 1062 | NW_040de       | 0.4     | 0.4   | 0.4   | 0.4     | 0.0 | 0.4      | 360     | 0.4   | 0.4       | 0.4   | 49.6 | 0.0   | 0.0          | 0.0  | 0.0   | 0.0   | 0.0     | 0.046   | 0.695 | 360   | 1.0       | 1.0   | 1.0   | 96.3 | 0.0   | 0.0   | 0.0  | 0.0   |
| 1063 | NW_046de       | 0.466   | 0.466 | 0.466 | 0.466   | 0.0 | 0.466    | 360     | 0.466 | 0.466     | 0.466 | 54.8 | 0.0   | 0.0          | 0.0  | 0.0   | 0.0   | 0.017   | 0.058   | 0.643 | 360   | 1.0       | 1.0   | 1.0   | 96.3 | 0.0   | 0.0   | 0.0  | 0.0   |
| 1064 | NW_053de       | 0.533   | 0.533 | 0.533 | 0.533   | 0.0 | 0.533    | 360     | 0.533 | 0.533     | 0.533 | 60.0 | 0.0   | 0.0          | 0.0  | 0.0   | 0.007 | 0.0     | 0.042   | 0.568 | 360   | 1.0       | 1.0   | 1.0   | 96.3 | 0.0   | 0.0   | 0.0  | 0.0   |
| 1065 | NW_060de       | 0.6     | 0.6   | 0.6   | 0.6     | 0.0 | 0.6      | 360     | 0.6   | 0.6       | 0.6   | 65.2 | 0.0   | 0.0          | 0.0  | 0.0   | 0.0   | 0.025   | 0.058   | 0.493 | 360   | 1.0       | 1.0   | 1.0   | 96.3 | 0.0   | 0.0   | 0.0  | 0.0   |
| 1066 | NW_066de       | 0.666   | 0.666 | 0.666 | 0.666   | 0.0 | 0.666    | 360     | 0.666 | 0.666     | 0.666 | 70.3 | 0.0   | 0.0          | 0.0  | 0.0   | 0.0   | 0.0     | 0.025   | 0.427 | 360   | 1.0       | 1.0   | 1.0   | 96.3 | 0.0   | 0.0   | 0.0  | 0.0   |
| 1067 | NW_073de       | 0.734   | 0.734 | 0.734 | 0.734   | 0.0 | 0.734    | 360     | 0.734 | 0.734     | 0.734 | 75.6 | 0.0   | 0.0          | 0.0  | 0.0   | 0.0   | 0.014   | 0.038   | 0.354 | 360   | 1.0       | 1.0   | 1.0   | 96.3 | 0.0   | 0.0   | 0.0  | 0.0   |
| 1068 | NW_080de       | 0.8     | 0.8   | 0.8   | 0.8     | 0.0 | 0.8      | 360     | 0.8   | 0.8       | 0.8   | 80.8 | 0.0   | 0.0          | 0.0  | 0.0   | 0.0   | 0.004   | 0.021   | 0.272 | 360   | 1.0       | 1.0   | 1.0   | 96.3 | 0.0   | 0.0   | 0.0  | 0.0   |
| 1069 | NW_086de       | 0.866   | 0.866 | 0.866 | 0.866   | 0.0 | 0.866    | 360     | 0.866 | 0.866     | 0.866 | 85.9 | 0.0   | 0.0          | 0.0  | 0.0   | 0.014 | 0.0     | 0.009   | 0.191 | 360   | 1.0       | 1.0   | 1.0   | 96.3 | 0.0   | 0.0   | 0.0  | 0.0   |
| 1070 | NW_093de       | 0.933   | 0.933 | 0.933 | 0.933   | 0.0 | 0.933    | 360     | 0.933 | 0.933     | 0.933 | 91.1 | 0.0   | 0.0          | 0.0  | 0.0   | 0.01  | 0.0     | 0.003   | 0.095 | 360   | 1.0       | 1.0   | 1.0   | 96.3 | 0.0   | 0.0   | 0.0  | 0.0   |
| 1071 | NW_100de       | 1.0     | 1.0   | 1.0   | 1.0     | 0.0 | 1.0      | 360     | 1.0   | 1.0       | 1.0   | 96.3 | 0.0   | 0.0          | 0.0  | 0.0   | 0.0   | 0.0     | 0.0     | 0.0   | 360   | 1.0       | 1.0   | 1.0   | 96.3 | 0.0   | 0.0   | 0.0  | 0.0   |
| 1072 | NW_000de       | 0.0     | 0.0   | 0.0   | 0.0     | 0.0 | 0.0      | 360     | 0.0   | 0.0       | 0.0   | 18.5 | 0.0   | 0.0          | 0.0  | 0.0   | 0.0   | 0.0     | 0.0     | 1.0   | 360   | 1.0       | 1.0   | 1.0   | 96.3 | 0.0   | 0.0   | 0.0  | 0.0   |
| 1073 | NW_100de       | 1.0     | 1.0   | 1.0   | 1.0     | 0.0 | 1.0      | 360     | 1.0   | 1.0       | 1.0   | 96.3 | 0.0   | 0.0          | 0.0  | 0.0   | 0.0   | 0.0     | 0.0     | 0.0   | 360   | 1.0       | 1.0   | 1.0   | 96.3 | 0.0   | 0.0   | 0.0  | 0.0   |
| 1074 | R00Y_100_100de | 1.0     | 0.0   | 0.0   | 1.0     | 1.0 | 0.5      | 390     | 1.0   | 0.0       | 0.131 | 47.6 | 66.3  | 31.6         | 73.4 | 25.4  | 0.0   | 1.0     | 0.867   | 0.0   | 383   | 1.0       | 0.0   | 0.131 | 47.6 | 66.3  | 31.6  | 73.4 | 25.4  |
| 1075 | G50B_100_100de | 0.0     | 1.0   | 1.0   | 1.0     | 1.0 | 0.5      | 210     | 0.0   | 1.0       | 0.712 | 56.3 | -41.9 | -31.5        | 52.4 | 216.9 | 1.0   | 0.0     | 0.286   | 0.0   | 193   | 0.0       | 1.0   | 0.712 | 56.3 | -41.9 | -31.5 | 52.4 | 216.9 |
| 1076 | Y00G_100_100de | 1.0     | 1.0   | 0.0   | 1.0     | 1.0 | 0.5      | 90      | 1.0   | 0.868     | 0.0   | 85.1 | -3.3  | 83.7         | 83.7 | 92.3  | 0.0   | 0.132   | 1.0     | 0.0   | 83    | 1.0       | 0.868 | 0.0   | 85.1 | -3.3  | 83.7  | 83.7 | 92.3  |
| 1077 | B00R_100_100de | 0.0     | 0.0   | 1.0   | 1.0     | 1.0 | 0.5      | 270     | 0.0   | 0.358     | 1.0   | 36.7 | 1.4   | -46.6        | 46.6 | 271.7 | 1.0   | 0.639   | 0.0     | 0.0   | 249   | 0.0       | 0.358 | 1.0   | 36.7 | 1.4   | -46.6 | 46.6 | 271.7 |
| 1078 | G00B_100_100de | 0.0     | 1.0   | 0.0   | 1.0     | 1.0 | 0.5      | 150     | 0.0   | 1.0       | 0.011 | 51.7 | -69.1 | 22.1         | 72.6 | 162.2 | 1.0   | 0.0     | 0.988   | 0.0   | 150   | 0.0       | 1.0   | 0.011 | 51.7 | -69.1 | 22.1  | 72.6 | 162.2 |
| 1079 | B50R_100_100de | 1.0     | 0.0   | 1.0   | 1.0     | 1.0 | 0.5      | 330     | 0.42  | 0.0       | 1.0   | 34.9 | 50.0  | -30.5        | 58.6 | 328.6 | 0.577 | 1.0     | 0.0     | 0.0   | 294   | 0.42      | 0.0   | 1.0   | 34.9 | 50.0  | -30.5 | 58.6 | 328.6 |
|      |                |         |       |       |         |     |          |         |       |           |       |      |       |              |      |       |       |         |         |       | delta |           |       |       |      |       |       |      |       |

delta

4-1133230-F0

SI150-7N, 33/33-F

grafico TUB-SI15; 1080 colori, carta standard offset  
colori e la differenza,  $\Delta E^*$ , 3D=1, de=1, *cm*yk\*

immettere: *rgb/cmyk* -> *rgb*<sub>de</sub>  
uscita: 3D-linearizzazione a *cm*yk\*<sub>de</sub>

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