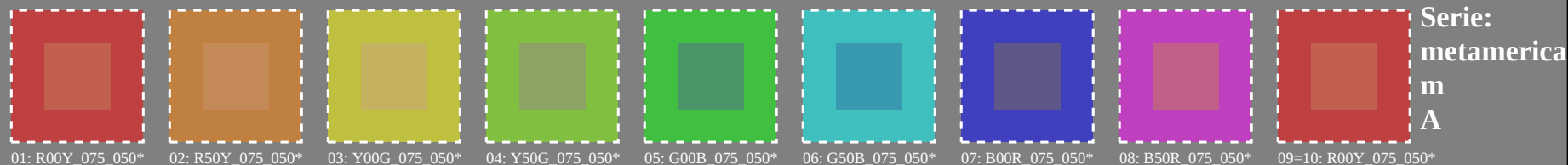
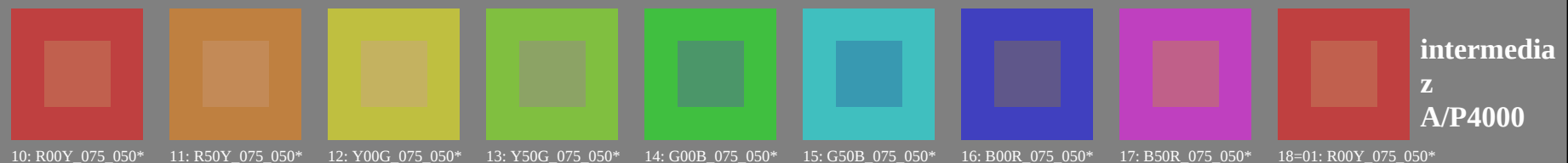


Tavola 3 di campioni di colore per la resa del colore: colori matamerici sotto illuminanti A e P4000; display standard (sRGB)



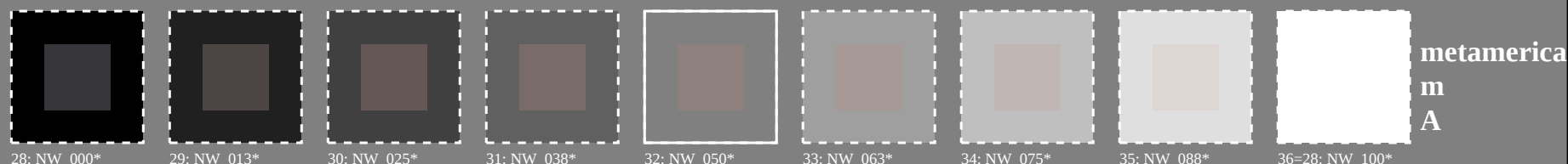
Serie:  
metamerica  
m  
A



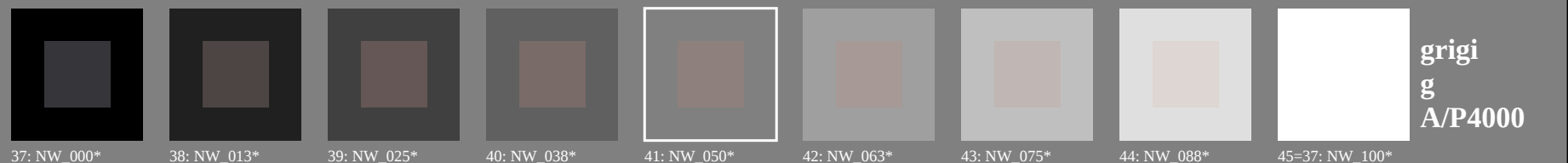
intermedia  
z  
A/P4000

metameric colours only possible for offset print and colour printers  
with at least four basic colours, either *CMYK* or *CMY0*

metamerica  
m  
P4000



metamerica  
m  
A



grigi  
g  
A/P4000

metameric colours only possible for offset print and colour printers  
with at least four basic colours, either *CMYK* or *CMY0*

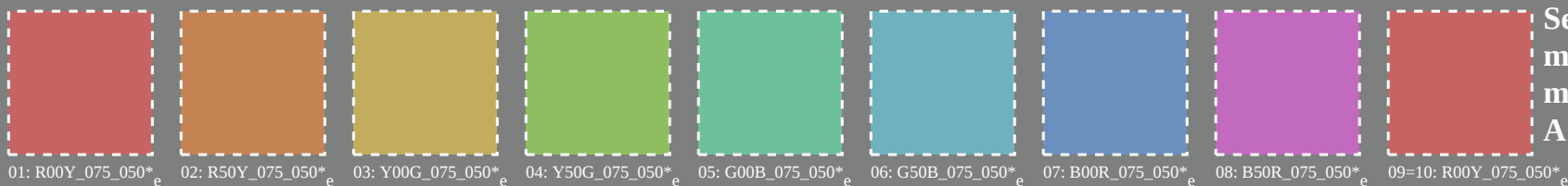
metamerica  
m  
P4000

vedi file simili: <http://farbe.li.tu-berlin.de/PI32/PI32.HTM>  
informazioni tecniche: <http://www.ps.bam.de> o <http://130.149.60.45/~farbmetrik>

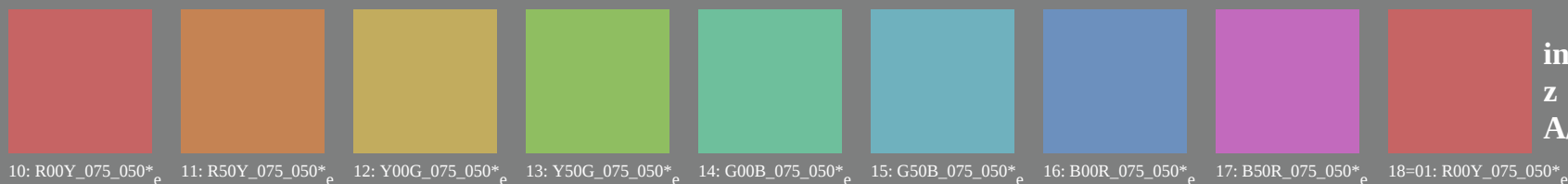
iscrizione TUB: 20160501-PI32/PI32L0FP.PDF /.PS  
Applicazione per la misura dell'output su display, nessuna separazione

TUB materiale: code=rha4ta

Tavola 3 di campioni di colore per la resa del colore: colori matamerici sotto illuminanti A e P4000; display standard (sRGB); rg



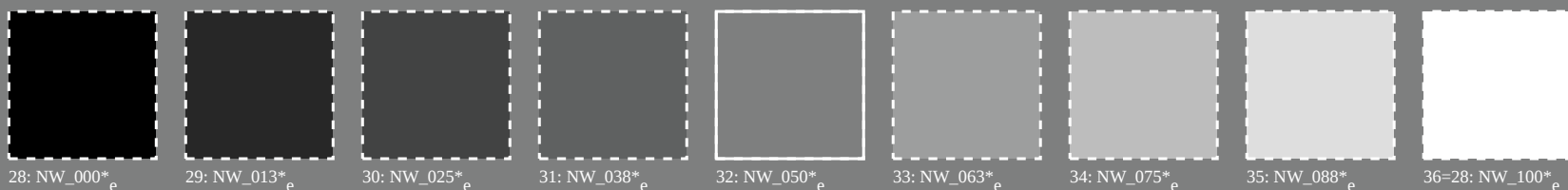
Serie:  
metamerica  
m  
A



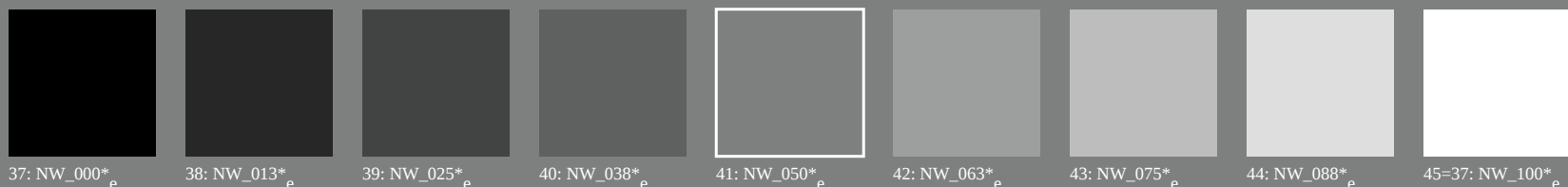
intermedia  
z  
A/P4000

metameric colours only possible for offset print and colour printers  
with at least four basic colours, either *CMYK* or *CMY0*

metamerica  
m  
P4000



metamerica  
m  
A  
Lab\*N=0.0, 0.0, 0.0  
Lab\*W=95.4, 0.0, 0.0



grigi  
g  
A/P4000

metameric colours only possible for offset print and colour printers  
with at least four basic colours, either *CMYK* or *CMY0*

metamerica  
m  
P4000

4-113130-L0 PI320-73

Grafico TUB-PI32; riproduzione del colore  
54 colori; metamerica per A&P4000, 3D=1, de=1, sRGB\*

Input: *rgb/cmyk* -> *rgb*<sub>de</sub>  
Output: 3D-linearizzazione a *rgb*\*<sub>de</sub>

4-113130-F0

vedi file simili: <http://farbe.li.tu-berlin.de/PI32/PI32.HTM>  
informazioni tecniche: <http://www.ps.bam.de> o <http://130.149.60.45/~farbmetrik>

| n/j    | 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> | rgb**F <sub>de</sub> | LabCh**F <sub>de</sub> | DE**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 0.263       | 50.9 78.3 37.3        | 86.7 25.4            | 1.0 0.0 0.264          | 50.9 78.1 37.1                         | 86.5 25.4            | 0.2 375                |
| 1/657  | R13Y_100_100de      | 1.0 0.125 0.0       | 1.0 1.0 0.5                      | 37                  | 1.0 0.0 0.156       | 50.6 77.6 50.9        | 92.9 33.2            | 1.0 0.0 0.157          | 50.6 77.3 51.2                         | 92.8 33.5            | 0.4 381                |
| 2/666  | R25Y_100_100de      | 1.0 0.25 0.0        | 1.0 1.0 0.5                      | 44                  | 1.0 0.102 0.0       | 51.3 74.4 64.8        | 98.7 41.0            | 0.999 0.102 0.0        | 51.2 74.7 64.8                         | 98.9 40.9            | 0.2 35                 |
| 3/675  | R38Y_100_100de      | 1.0 0.375 0.0       | 1.0 1.0 0.5                      | 52                  | 1.0 0.358 0.0       | 57.6 56.9 67.8        | 88.5 49.9            | 0.999 0.359 0.0        | 57.6 57.0 67.6                         | 88.4 49.8            | 0.1 50                 |
| 4/684  | R50Y_100_100de      | 1.0 0.5 0.0         | 1.0 1.0 0.5                      | 60                  | 1.0 0.487 0.0       | 63.1 42.7 70.8        | 82.7 58.8            | 0.999 0.489 0.0        | 63.1 42.6 70.7                         | 82.5 58.9            | 0.1 59                 |
| 5/693  | R63Y_100_100de      | 1.0 0.625 0.0       | 1.0 1.0 0.5                      | 68                  | 1.0 0.589 0.0       | 68.2 30.2 74.2        | 80.1 67.8            | 1.0 0.588 0.0          | 68.1 30.4 73.7                         | 79.8 67.5            | 0.4 65                 |
| 6/702  | R75Y_100_100de      | 1.0 0.75 0.0        | 1.0 1.0 0.5                      | 76                  | 1.0 0.684 0.0       | 73.5 18.3 77.7        | 79.8 76.7            | 1.0 0.682 0.0          | 73.3 18.4 77.1                         | 79.3 76.5            | 0.5 72                 |
| 7/711  | R88Y_100_100de      | 1.0 0.875 0.0       | 1.0 1.0 0.5                      | 83                  | 1.0 0.767 0.0       | 78.3 7.7 80.7         | 81.0 84.5            | 1.0 0.766 0.0          | 78.2 7.7 80.4                          | 80.8 84.4            | 0.2 77                 |
| 8/720  | Y00G_100_100de      | 1.0 1.0 0.0         | 1.0 1.0 0.5                      | 90                  | 1.0 0.856 0.0       | 83.7 -3.4 84.5        | 84.5 92.3            | 1.0 0.856 0.0          | 83.6 -3.4 84.2                         | 84.3 92.3            | 0.2 82                 |
| 9/639  | Y13G_100_100de      | 0.875 1.0 0.0       | 1.0 1.0 0.5                      | 97                  | 1.0 0.966 0.0       | 90.5 -16.5 89.4       | 91.0 100.4           | 1.0 0.966 0.0          | 90.5 -16.7 89.1                        | 90.7 100.6           | 0.3 88                 |
| 10/558 | Y25G_100_100de      | 0.75 1.0 0.0        | 1.0 1.0 0.5                      | 104                 | 0.906 1.0 0.0       | 91.0 -29.9 88.9       | 93.8 108.6           | 0.906 1.0 0.0          | 90.9 -30.0 88.7                        | 93.6 108.6           | 0.2 94                 |
| 11/477 | Y38G_100_100de      | 0.625 1.0 0.0       | 1.0 1.0 0.5                      | 112                 | 0.743 1.0 0.0       | 88.4 -45.5 85.7       | 97.1 117.9           | 0.742 0.999 0.0        | 88.4 -45.6 85.7                        | 97.0 118.0           | 0.1 104                |
| 12/396 | Y50G_100_100de      | 0.5 1.0 0.0         | 1.0 1.0 0.5                      | 120                 | 0.528 1.0 0.0       | 85.9 -63.0 82.8       | 104.1 127.2          | 0.53 0.999 0.0         | 85.9 -63.0 82.7                        | 104.0 127.3          | 0.1 118                |
| 13/315 | Y63G_100_100de      | 0.375 1.0 0.0       | 1.0 1.0 0.5                      | 128                 | 0.0 1.0 0.072       | 83.6 -82.4 77.9       | 113.4 136.5          | 0.005 1.0 0.072        | 83.6 -82.3 78.4                        | 113.7 136.4          | 0.4 153                |
| 14/234 | Y75G_100_100de      | 0.25 1.0 0.0        | 1.0 1.0 0.5                      | 136                 | 0.0 1.0 0.436       | 84.1 -76.0 51.4       | 91.8 145.9           | 0.0 1.0 0.439          | 84.1 -75.8 51.4                        | 91.6 145.8           | 0.1 175                |
| 15/153 | Y88G_100_100de      | 0.125 1.0 0.0       | 1.0 1.0 0.5                      | 143                 | 0.0 1.0 0.593       | 84.6 -70.0 34.0       | 77.9 154.0           | 0.0 1.0 0.594          | 84.6 -69.9 34.2                        | 77.8 153.9           | 0.2 186                |
| 16/72  | G00C_100_100de      | 0.0 1.0 0.0         | 1.0 1.0 0.5                      | 150                 | 0.0 1.0 0.706       | 85.1 -64.6 20.7       | 67.9 162.2           | 0.0 1.0 0.707          | 85.1 -64.3 20.9                        | 67.6 162.0           | 0.3 193                |
| 17/73  | G13C_100_100de      | 0.0 1.0 0.125       | 1.0 1.0 0.5                      | 157                 | 0.0 1.0 0.778       | 85.5 -60.7 12.2       | 61.9 168.6           | 0.0 1.0 0.779          | 85.5 -60.3 12.3                        | 61.5 168.4           | 0.3 197                |
| 18/74  | G25C_100_100de      | 0.0 1.0 0.25        | 1.0 1.0 0.5                      | 164                 | 0.0 1.0 0.838       | 85.8 -57.1 4.9        | 57.3 175.0           | 0.0 1.0 0.841          | 85.8 -56.6 5.0                         | 56.9 174.8           | 0.4 201                |
| 19/75  | G38C_100_100de      | 0.0 1.0 0.375       | 1.0 1.0 0.5                      | 172                 | 0.0 1.0 0.899       | 86.2 -53.2 -2.1       | 53.3 182.3           | 0.0 1.0 0.901          | 86.2 -52.8 -2.0                        | 52.8 182.2           | 0.4 204                |
| 20/76  | G50C_100_100de      | 0.0 1.0 0.5         | 1.0 1.0 0.5                      | 180                 | 0.0 1.0 0.951       | 86.5 -49.9 -8.4       | 50.6 189.6           | 0.0 1.0 0.955          | 86.5 -49.2 -8.4                        | 49.9 189.6           | 0.6 207                |
| 21/77  | G63C_100_100de      | 0.0 1.0 0.625       | 1.0 1.0 0.5                      | 188                 | 0.0 0.997 1.0       | 86.6 -45.9 -13.9      | 47.9 196.9           | 0.0 0.997 1.0          | 86.6 -45.8 -13.8                       | 47.9 196.8           | 0.1 210                |
| 22/78  | G75C_100_100de      | 0.0 1.0 0.75        | 1.0 1.0 0.5                      | 196                 | 0.0 0.958 1.0       | 83.9 -42.0 -18.9      | 46.1 204.2           | 0.0 0.959 1.0          | 83.9 -41.8 -17.9                       | 45.4 203.1           | 1.0 212                |
| 23/79  | G88C_100_100de      | 0.0 1.0 0.875       | 1.0 1.0 0.5                      | 203                 | 0.0 0.924 1.0       | 81.4 -38.3 -22.6      | 44.5 210.5           | 0.0 0.925 1.0          | 81.5 -38.0 -21.5                       | 43.7 209.5           | 1.1 213                |
| 24/80  | C00B_100_100de      | 0.0 1.0 1.0         | 1.0 1.0 0.5                      | 210                 | 0.0 0.89 1.0        | 79.0 -34.2 -25.7      | 42.8 216.9           | 0.0 0.89 1.0           | 79.0 -34.1 -25.3                       | 42.5 216.6           | 0.4 215                |
| 25/71  | C13B_100_100de      | 0.0 0.875 1.0       | 1.0 1.0 0.5                      | 217                 | 0.0 0.858 1.0       | 76.8 -30.8 -29.1      | 42.4 223.3           | 0.0 0.859 1.0          | 76.8 -30.5 -28.7                       | 41.9 223.2           | 0.5 217                |
| 26/62  | C25B_100_100de      | 0.0 0.75 1.0        | 1.0 1.0 0.5                      | 224                 | 0.0 0.829 1.0       | 74.7 -27.7 -32.7      | 42.8 229.7           | 0.0 0.831 1.0          | 74.8 -27.1 -31.8                       | 41.8 229.5           | 1.0 219                |
| 27/53  | C38B_100_100de      | 0.0 0.625 1.0       | 1.0 1.0 0.5                      | 232                 | 0.0 0.796 1.0       | 72.4 -23.6 -36.4      | 43.4 237.0           | 0.0 0.797 1.0          | 72.5 -23.0 -35.4                       | 42.3 236.9           | 1.0 221                |
| 28/44  | C50B_100_100de      | 0.0 0.5 1.0         | 1.0 1.0 0.5                      | 240                 | 0.0 0.763 1.0       | 70.0 -19.0 -39.6      | 43.9 244.3           | 0.0 0.763 1.0          | 70.0 -18.7 -39.3                       | 43.5 244.5           | 0.4 223                |
| 29/35  | C63B_100_100de      | 0.0 0.375 1.0       | 1.0 1.0 0.5                      | 248                 | 0.0 0.725 1.0       | 67.4 -14.5 -43.8      | 46.2 251.6           | 0.0 0.726 1.0          | 67.4 -13.9 -43.3                       | 45.5 252.1           | 0.7 225                |
| 30/26  | C75B_100_100de      | 0.0 0.25 1.0        | 1.0 1.0 0.5                      | 256                 | 0.0 0.685 1.0       | 64.5 -9.4 -48.6       | 49.5 258.9           | 0.0 0.686 1.0          | 64.6 -8.7 -47.7                        | 48.5 259.6           | 1.1 227                |
| 31/17  | C88B_100_100de      | 0.0 0.125 1.0       | 1.0 1.0 0.5                      | 263                 | 0.0 0.649 1.0       | 62.0 -4.2 -52.3       | 52.5 265.3           | 0.0 0.65 1.0           | 62.0 -3.7 -51.8                        | 48.1 265.9           | 0.7 230                |
| 32/8   | B00M_100_100de      | 0.0 0.0 1.0         | 1.0 1.0 0.5                      | 270                 | 0.0 0.609 1.0       | 59.2 1.7 -56.6        | 56.6 271.7           | 0.0 0.609 1.0          | 59.2 2.0 -56.3                         | 56.3 272.1           | 0.4 232                |
| 33/89  | B13M_100_100de      | 0.125 0.0 1.0       | 1.0 1.0 0.5                      | 277                 | 0.0 0.554 1.0       | 55.5 9.2 -63.0        | 63.6 278.3           | 0.0 0.557 1.0          | 55.6 9.6 -62.0                         | 62.7 278.8           | 1.0 236                |
| 34/170 | B25M_100_100de      | 0.25 0.0 1.0        | 1.0 1.0 0.5                      | 284                 | 0.0 0.5 1.0         | 51.8 18.3 -68.3       | 70.7 285.0           | 0.0 0.502 1.0          | 51.9 18.0 -68.0                        | 70.4 284.8           | 0.3 239                |
| 35/251 | B38M_100_100de      | 0.375 0.0 1.0       | 1.0 1.0 0.5                      | 292                 | 0.0 0.404 1.0       | 45.7 32.7 -78.6       | 85.1 292.5           | 0.0 0.407 1.0          | 45.8 32.6 -78.0                        | 84.5 292.7           | 0.6 246                |
| 36/332 | B50M_100_100de      | 0.5 0.0 1.0         | 1.0 1.0 0.5                      | 300                 | 0.0 0.27 1.0        | 38.2 52.7 -90.7       | 104.9 300.1          | 0.0 0.272 1.0          | 38.2 52.8 -90.5                        | 104.8 300.2          | 0.2 254                |
| 37/413 | B63M_100_100de      | 0.625 0.0 1.0       | 1.0 1.0 0.5                      | 308                 | 0.263 0.0 1.0       | 32.8 76.9 -99.3       | 125.7 307.7          | 0.264 0.0 0.999        | 32.8 76.9 -99.4                        | 125.7 307.7          | 0.0 284                |
| 38/494 | B75M_100_100de      | 0.75 0.0 1.0        | 1.0 1.0 0.5                      | 316                 | 0.638 0.0 1.0       | 43.2 82.9 -81.9       | 116.5 315.3          | 0.637 0.0 1.0          | 43.1 82.8 -82.0                        | 116.5 315.2          | 0.1 309                |
| 39/575 | B88M_100_100de      | 0.875 0.0 1.0       | 1.0 1.0 0.5                      | 323                 | 0.837 0.0 1.0       | 50.7 88.7 -69.4       | 112.6 321.9          | 0.837 0.0 1.0          | 50.6 88.6 -69.4                        | 112.5 321.9          | 0.1 321                |
| 40/656 | M00R_100_100de      | 1.0 0.0 1.0         | 1.0 1.0 0.5                      | 330                 | 1.0 0.0 0.991       | 57.1 94.1 -57.4       | 110.3 328.6          | 1.0 0.0 0.991          | 57.1 94.0 -57.4                        | 110.2 328.5          | 0.0 330                |
| 41/655 | M13R_100_100de      | 1.0 0.0 0.875       | 1.0 1.0 0.5                      | 337                 | 1.0 0.0 0.855       | 55.4 89.9 -41.4       | 99.0 335.2           | 1.0 0.0 0.854          | 55.3 89.7 -41.4                        | 98.8 335.1           | 0.2 337                |
| 42/654 | M25R_100_100de      | 1.0 0.0 0.75        | 1.0 1.0 0.5                      | 344                 | 1.0 0.0 0.747       | 54.1 86.7 -28.3       | 91.2 341.8           | 1.0 0.0 0.746          | 54.1 86.6 -28.2                        | 91.1 341.9           | 0.1 344                |
| 43/653 | M38R_100_100de      | 1.0 0.0 0.625       | 1.0 1.0 0.5                      | 352                 | 1.0 0.0 0.65        | 53.2 84.5 -15.7       | 85.9 349.4           | 1.0 0.0 0.647          | 53.2 84.1 -15.6                        | 85.6 349.4           | 0.3 350                |
| 44/652 | M50R_100_100de      | 1.0 0.0 0.5         | 1.0 1.0 0.5                      | 360                 | 1.0 0.0 0.617       | 52.9 83.6 -11.6       | 84.4 352.0           | 1.0 0.0 0.616          | 52.9 83.4 -11.5                        | 84.2 352.1           | 0.1 352                |
| 45/651 | M63R_100_100de      | 1.0 0.0 0.375       | 1.0 1.0 0.5                      | 368                 | 1.0 0.0 0.521       | 52.2 81.8 1.3         | 81.8 0.9             | 1.0 0.0 0.522          | 52.2 81.5 1.1                          | 81.5 0.7             | 0.3 358                |
| 46/650 | M75R_100_100de      | 1.0 0.0 0.25        | 1.0 1.0 0.5                      | 376                 | 1.0 0.0 0.429       | 51.6 80.5 14.0        | 81.7 9.8             | 1.0 0.0 0.431          | 51.6 80.0 13.7                         | 81.2 9.7             | 0.6 364                |
| 47/649 | M88R_100_100de      | 1.0 0.0 0.125       | 1.0 1.0 0.5                      | 383                 | 1.0 0.0 0.348       | 51.2 79.3 25.2        | 83.2 17.6            | 1.0 0.0 0.35           | 51.2 78.9 25.0                         | 82.8 17.6            | 0.3 369                |
| 48/648 | R00Y_100_100de      | 1.0 0.0 0.0         | 1.0 1.0 0.5                      | 390                 | 1.0 0.0 0.263       | 50.9 78.3 37.3        | 86.7 25.4            | 1.0 0.0 0.264          | 50.9 78.1 37.1                         | 86.5 25.4            | 0.2 375                |
| 49/0   | NW_000de            | 0.0 0.0 0.0         | 0.0 0.0 0.0                      | 360                 | 0.0 0.0 0.0         | 0.0 0.0 0.0           | 0.0 0.0              | 0.0 0.0 0.0            | 0.0 0.0 0.0                            | 0.0 0.0              | 0.0 360                |
| 50/91  | NW_013de            | 0.125 0.125 0.125   | 0.125 0.0 0.125                  | 360                 | 0.125 0.125 0.125   | 11.9 0.0 0.0          | 0.0 0.0              | 0.129 0.132 0.132      | 11.9 -0.2 0.0                          | 0.2 198.6            | 0.2 360                |
| 51/182 | NW_025de            | 0.25 0.25 0.25      | 0.25 0.0 0.25                    | 360                 | 0.25 0.25 0.25      | 23.8 0.0 0.0          | 0.0 0.0              | 0.232 0.236 0.237      | 23.7 -0.4 -0.2                         | 0.4 207.2            | 0.4 360                |
| 52/273 | NW_038de            | 0.375 0.375 0.375   | 0.375 0.0 0.375                  | 360                 | 0.375 0.375 0.375   | 35.7 0.0 0.0          | 0.0 0.0              | 0.345 0.35 0.35        | 35.7 -0.4 -0.2                         | 0.5 205.6            | 0.5 360                |
| 53/364 | NW_050de            | 0.5 0.5 0.5         | 0.5 0.0 0.5                      | 360                 | 0.5 0.5 0.5         | 47.7 0.0 0.0          | 0.0 0.0              | 0.466 0.47 0.471       | 47.7 -0.3 -0.1                         | 0.4 205.6            | 0.4 360                |
| 54/455 | NW_063de            | 0.625 0.625 0.625   | 0.625 0.0 0.625                  | 360                 | 0.625 0.625 0.625   | 59.6 0.0 0.0          | 0.0 0.0              | 0.559 0.593 0.594      | 59.4 -0.2 -0.1                         | 0.3 206.3            | 0.3 360                |
| 55/546 | NW_075de            | 0.75 0.75 0.75      | 0.75 0.0 0.75                    | 360                 | 0.75 0.75 0.75      | 71.5 0.0 0.0          | 0.0 0.0              | 0.721 0.724 0.724      | 71.3 -0.1 0.0                          | 0.2 207.8            | 0.2 360                |
| 56/637 | NW_088de            | 0.875 0.875 0.875   | 0.875 0.0 0.875                  | 360                 | 0.875 0.875 0.875   | 83.4 0.0 0.0          | 0.0 0.0              | 0.858 0.86 0.86        | 83.3 0.0 0.0                           | 0.1 212.6            | 0.1 360                |
| 57/728 | NW_100de            | 1.0 1.0 1.0         | 1.0 0.0 1.0                      | 360                 | 1.0 1.0 1.0         | 95.4 0.0 0.0          | 0.0 0.0              | 1.0 1.0 1.0            | 95.4 0.0 0.0                           | 0.0 325.2            | 0.0 360                |

delta E\*\* = 0.4

Grafico TUB-PI32; riproduzione del colore  
colori e la differenza,  $\Delta E^*$ , 3D=1, de=1, sRGB\*

Input: *rgb/cmyk* -> *rgb<sub>de</sub>*  
Output: 3D-linearizzazione a *rgb\*<sub>de</sub>*

iscrizione TUB: 20160501-PI32/PI32L0FP.PDF /.PS  
Applicazione per la misura dell'output su display, nessuna separazione  
TUB materiale: code=rha4ta

vedi file simili: <http://farbe.li.tu-berlin.de/PI32/PI32.HTM>  
informazioni tecniche: <http://www.ps.bam.de> o <http://130.149.60.45/~farbmetrik>

| n/j    | 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> | rgb*F <sub>de</sub> | LabCh*F <sub>de</sub> | DE**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 0.263       | 50.9 78.3 37.3        | 86.7 25.4           | 1.0 0.0 0.264         | 50.9 78.1 37.1                         | 86.5 25.4 0.2       | 375                   |
| 1/666  | R25Y_100_100de      | 1.0 0.25 0.0        | 1.0 1.0 0.5         | 44                  | 1.0 0.102 0.0       | 51.3 74.4 64.8        | 98.7 41.0           | 0.999 0.102 0.0       | 51.2 74.7 64.8                         | 98.9 40.9 0.2       | 35                    |
| 2/684  | R50Y_100_100de      | 1.0 0.5 0.0         | 1.0 1.0 0.5         | 60                  | 1.0 0.487 0.0       | 63.1 42.7 70.8        | 82.7 58.8           | 0.999 0.489 0.0       | 63.1 42.6 70.7                         | 82.5 58.9 0.1       | 59                    |
| 3/702  | R75Y_100_100de      | 1.0 0.75 0.0        | 1.0 1.0 0.5         | 76                  | 1.0 0.684 0.0       | 73.5 18.3 77.7        | 79.8 76.7           | 1.0 0.682 0.0         | 73.3 18.4 77.1                         | 79.3 76.5 0.5       | 72                    |
| 4/720  | Y00G_100_100de      | 1.0 1.0 0.0         | 1.0 1.0 0.5         | 90                  | 1.0 0.856 0.0       | 83.7 -3.4 84.5        | 84.5 92.3           | 1.0 0.856 0.0         | 83.6 -3.4 84.2                         | 84.3 92.3 0.2       | 82                    |
| 5/558  | Y25G_100_100de      | 0.75 1.0 0.0        | 1.0 1.0 0.5         | 104                 | 0.906 1.0 0.0       | 91.0 -29.9 88.9       | 93.8 108.6          | 0.906 1.0 0.0         | 90.9 -30.0 88.7                        | 93.6 108.6 0.2      | 94                    |
| 6/396  | Y50G_100_100de      | 0.5 1.0 0.0         | 1.0 1.0 0.5         | 120                 | 0.528 1.0 0.0       | 85.9 -63.0 82.8       | 104.1 127.2         | 0.53 0.999 0.0        | 85.9 -63.0 82.7                        | 104.0 127.3 0.1     | 118                   |
| 7/234  | Y75G_100_100de      | 0.25 1.0 0.0        | 1.0 1.0 0.5         | 136                 | 0.0 1.0 0.436       | 84.1 -76.0 51.4       | 91.8 145.9          | 0.0 1.0 0.439         | 84.1 -75.8 51.4                        | 91.6 145.8 0.1      | 175                   |
| 8/72   | G00B_100_100de      | 0.0 1.0 0.0         | 1.0 1.0 0.5         | 150                 | 0.0 1.0 0.706       | 85.1 -64.6 20.7       | 67.9 162.2          | 0.0 1.0 0.707         | 85.1 -64.3 20.9                        | 67.6 162.0 0.3      | 193                   |
| 9/72   | G00B_100_100de      | 0.0 1.0 0.0         | 1.0 1.0 0.5         | 150                 | 0.0 1.0 0.706       | 85.1 -64.6 20.7       | 67.9 162.2          | 0.0 1.0 0.707         | 85.1 -64.3 20.9                        | 67.6 162.0 0.3      | 193                   |
| 10/76  | G25B_100_100de      | 0.0 1.0 0.5         | 1.0 1.0 0.5         | 180                 | 0.0 1.0 0.951       | 86.5 -49.9 -8.4       | 50.6 189.6          | 0.0 1.0 0.955         | 86.5 -49.2 -8.4                        | 49.9 189.6 0.6      | 207                   |
| 11/80  | G50B_100_100de      | 0.0 1.0 1.0         | 1.0 1.0 0.5         | 210                 | 0.0 0.89 1.0        | 79.0 -34.2 -25.7      | 42.8 216.9          | 0.0 0.89 1.0          | 79.0 -34.1 -25.3                       | 42.5 216.6 0.4      | 215                   |
| 12/44  | G75B_100_100de      | 0.0 0.5 1.0         | 1.0 1.0 0.5         | 240                 | 0.0 0.763 1.0       | 70.0 -19.0 -39.6      | 43.9 244.3          | 0.0 0.763 1.0         | 70.0 -18.7 -39.3                       | 43.5 244.5 0.4      | 223                   |
| 13/8   | B00M_100_100de      | 0.0 0.0 1.0         | 1.0 1.0 0.5         | 270                 | 0.0 0.609 1.0       | 59.2 1.7 -56.6        | 56.6 271.7          | 0.0 0.609 1.0         | 59.2 2.0 -56.3                         | 56.3 272.1 0.4      | 232                   |
| 14/332 | B25R_100_100de      | 0.5 0.0 1.0         | 1.0 1.0 0.5         | 300                 | 0.0 0.27 1.0        | 38.2 52.7 -90.7       | 104.9 300.1         | 0.0 0.272 1.0         | 38.2 52.8 -90.5                        | 104.8 300.2 0.2     | 254                   |
| 15/656 | B50R_100_100de      | 1.0 0.0 1.0         | 1.0 1.0 0.5         | 330                 | 1.0 0.0 0.991       | 57.1 94.1 -57.4       | 110.3 328.6         | 1.0 0.0 0.991         | 57.1 94.0 -57.4                        | 110.2 328.5 0.0     | 330                   |
| 16/652 | B75R_100_100de      | 1.0 0.0 0.5         | 1.0 1.0 0.5         | 360                 | 1.0 0.0 0.617       | 52.9 83.6 -11.6       | 84.4 352.0          | 1.0 0.0 0.616         | 52.9 83.4 -11.5                        | 84.2 352.1 0.1      | 352                   |
| 17/648 | R00Y_100_100de      | 1.0 0.0 0.0         | 1.0 1.0 0.5         | 390                 | 1.0 0.0 0.263       | 50.9 78.3 37.3        | 86.7 25.4           | 1.0 0.0 0.264         | 50.9 78.1 37.1                         | 86.5 25.4 0.2       | 375                   |
| 18/688 | R00Y_100_050de      | 1.0 0.5 0.5         | 1.0 0.5 0.75        | 390                 | 1.0 0.5 0.631       | 73.1 39.1 18.6        | 43.3 25.4           | 1.0 0.622 0.61        | 71.4 33.9 16.1                         | 37.6 25.4 5.9       | 375                   |
| 19/706 | R50Y_100_050de      | 1.0 0.75 0.5        | 1.0 0.5 0.75        | 60                  | 1.0 0.743 0.5       | 79.2 31.3 35.4        | 41.3 58.8           | 1.0 0.745 0.545       | 77.9 16.5 33.4                         | 37.3 63.6 5.3       | 59                    |
| 20/724 | Y00G_100_050de      | 1.0 1.0 0.5         | 1.0 0.5 0.75        | 90                  | 1.0 0.928 0.5       | 89.5 -1.7 42.2        | 42.2 92.3           | 1.0 0.925 0.594       | 88.9 -3.7 41.4                         | 41.7 96.5 3.2       | 82                    |
| 21/562 | Y50G_100_050de      | 0.75 1.0 0.5        | 1.0 0.5 0.75        | 120                 | 0.764 1.0 0.5       | 90.7 -31.5 41.4       | 52.0 127.2          | 0.803 1.0 0.607       | 90.2 -31.1 41.0                        | 51.5 127.1 0.6      | 118                   |
| 22/490 | G00B_100_050de      | 0.5 1.0 0.5         | 1.0 0.5 0.75        | 150                 | 0.5 1.0 0.853       | 90.2 -32.3 10.3       | 33.9 162.2          | 0.673 1.0 0.853       | 89.6 -31.6 9.5                         | 33.9 163.2 1.2      | 193                   |
| 23/404 | G50B_100_050de      | 0.5 1.0 1.0         | 1.0 0.5 0.75        | 210                 | 0.5 0.945 1.0       | 87.2 -17.1 -12.8      | 21.4 216.9          | 0.676 0.947 1.0       | 87.1 -17.5 -12.7                       | 21.7 216.0 0.4      | 215                   |
| 24/368 | B00R_100_050de      | 0.5 0.5 1.0         | 1.0 0.5 0.75        | 270                 | 0.5 0.804 1.0       | 77.3 0.1 -28.3        | 28.3 271.7          | 0.66 0.797 1.0        | 77.1 0.3 -27.9                         | 27.9 270.8 0.6      | 232                   |
| 25/692 | B50R_100_050de      | 1.0 0.5 1.0         | 1.0 0.5 0.75        | 330                 | 1.0 0.5 0.995       | 76.3 47.0 -28.7       | 55.1 328.6          | 1.0 0.645 1.0         | 75.4 45.0 -29.9                        | 54.1 326.3 2.5      | 330                   |
| 26/688 | R00Y_100_050de      | 1.0 0.5 0.5         | 1.0 0.5 0.75        | 390                 | 1.0 0.5 0.631       | 73.1 39.1 18.6        | 43.3 25.4           | 1.0 0.622 0.61        | 71.4 33.9 16.1                         | 37.6 25.4 5.9       | 375                   |
| 27/506 | R00Y_075_050de      | 0.75 0.25 0.25      | 0.75 0.5 0.5        | 390                 | 0.75 0.25 0.381     | 49.3 39.1 18.6        | 43.3 25.4           | 0.762 0.363 0.365     | 49.2 39.0 18.4                         | 43.1 25.2 0.2       | 375                   |
| 28/524 | R50Y_075_050de      | 0.75 0.5 0.25       | 0.75 0.5 0.5        | 60                  | 0.75 0.493 0.25     | 55.4 21.3 35.4        | 41.3 58.8           | 0.756 0.487 0.298     | 55.4 20.9 35.4                         | 41.2 59.3 0.3       | 59                    |
| 29/542 | Y00G_075_050de      | 0.75 0.75 0.25      | 0.75 0.5 0.5        | 90                  | 0.75 0.678 0.25     | 65.7 -1.7 42.2        | 42.2 92.3           | 0.745 0.655 0.341     | 65.6 -1.7 42.1                         | 42.2 92.3 0.1       | 82                    |
| 30/380 | Y50G_075_050de      | 0.5 0.75 0.25       | 0.75 0.5 0.5        | 120                 | 0.514 0.75 0.25     | 66.8 -31.5 41.4       | 52.0 127.2          | 0.532 0.728 0.352     | 66.7 -31.5 41.3                        | 52.0 127.3 0.1      | 118                   |
| 31/218 | G00B_075_050de      | 0.25 0.75 0.25      | 0.75 0.5 0.5        | 150                 | 0.25 0.75 0.603     | 66.4 -32.3 10.3       | 33.9 162.2          | 0.404 0.73 0.587      | 66.3 -32.5 10.3                        | 34.1 162.4 0.2      | 193                   |
| 32/222 | G50B_075_050de      | 0.25 0.75 0.75      | 0.75 0.5 0.5        | 210                 | 0.25 0.695 0.75     | 63.3 -17.1 -12.8      | 21.4 216.9          | 0.408 0.674 0.726     | 63.2 -17.3 -12.9                       | 21.6 216.8 0.2      | 215                   |
| 33/186 | B00R_075_050de      | 0.25 0.25 0.75      | 0.75 0.5 0.5        | 270                 | 0.25 0.554 0.75     | 53.4 0.8 -28.3        | 28.3 271.7          | 0.394 0.538 0.728     | 53.4 0.4 -28.1                         | 28.1 270.8 0.4      | 232                   |
| 34/510 | B50R_075_050de      | 0.75 0.25 0.75      | 0.75 0.5 0.5        | 330                 | 0.75 0.25 0.745     | 52.4 47.0 -28.7       | 55.1 328.6          | 0.743 0.385 0.724     | 52.4 46.7 -28.6                        | 54.8 328.4 0.3      | 330                   |
| 35/506 | R00Y_075_050de      | 0.75 0.25 0.25      | 0.75 0.5 0.5        | 390                 | 0.75 0.25 0.381     | 49.3 39.1 18.6        | 43.3 25.4           | 0.762 0.363 0.365     | 49.2 39.0 18.4                         | 43.1 25.2 0.2       | 375                   |
| 36/324 | R00Y_050_050de      | 0.5 0.0 0.0         | 0.5 0.5 0.25        | 390                 | 0.5 0.0 0.131       | 25.4 39.1 18.6        | 43.3 25.4           | 0.482 0.102 0.144     | 25.2 39.8 18.4                         | 43.9 24.8 0.7       | 375                   |
| 37/342 | R50Y_050_050de      | 0.5 0.25 0.0        | 0.5 0.5 0.25        | 60                  | 0.5 0.243 0.0       | 31.5 21.3 35.4        | 41.3 58.8           | 0.48 0.247 0.061      | 31.5 21.4 36.4                         | 42.2 59.4 0.9       | 59                    |
| 38/360 | Y00G_050_050de      | 0.5 0.5 0.0         | 0.5 0.5 0.25        | 90                  | 0.5 0.428 0.0       | 41.8 -1.7 42.2        | 42.2 92.3           | 0.476 0.408 0.088     | 41.9 -1.9 43.0                         | 43.1 92.5 0.8       | 82                    |
| 39/198 | Y50G_050_050de      | 0.25 0.5 0.0        | 0.5 0.5 0.25        | 120                 | 0.264 0.5 0.0       | 42.9 -31.5 41.4       | 52.0 127.2          | 0.273 0.472 0.095     | 43.0 -32.2 42.2                        | 53.1 127.3 1.0      | 118                   |
| 40/36  | G00B_050_050de      | 0.0 0.5 0.0         | 0.5 0.5 0.25        | 150                 | 0.0 0.5 0.353       | 42.5 -32.3 10.3       | 33.9 162.2          | 0.126 0.473 0.343     | 42.7 -32.9 10.5                        | 34.5 162.2 0.6      | 193                   |
| 41/40  | G50B_050_050de      | 0.0 0.5 0.5         | 0.5 0.5 0.25        | 210                 | 0.0 0.445 0.5       | 39.5 -17.1 -12.8      | 21.4 216.9          | 0.126 0.424 0.472     | 39.6 -17.6 -12.9                       | 21.9 216.1 0.5      | 215                   |
| 42/4   | B00R_050_050de      | 0.0 0.0 0.5         | 0.5 0.5 0.25        | 270                 | 0.0 0.304 0.5       | 29.6 0.8 -28.3        | 28.3 271.7          | 0.112 0.3 0.473       | 29.6 0.1 -28.5                         | 28.5 270.3 0.7      | 232                   |
| 43/328 | B50R_050_050de      | 0.5 0.0 0.5         | 0.5 0.5 0.25        | 330                 | 0.5 0.0 0.495       | 28.5 47.0 -28.7       | 55.1 328.6          | 0.475 0.121 0.469     | 28.5 47.2 -29.1                        | 55.4 328.3 0.4      | 330                   |
| 44/324 | R00Y_050_050de      | 0.5 0.0 0.0         | 0.5 0.5 0.25        | 390                 | 0.5 0.0 0.131       | 25.4 39.1 18.6        | 43.3 25.4           | 0.482 0.102 0.144     | 25.2 39.8 18.4                         | 43.9 24.8 0.7       | 375                   |
| 45/0   | NW_000de            | 0.0 0.0 0.0         | 0.0 0.0 0.0         | 360                 | 0.0 0.0 0.0         | 0.0 0.0 0.0           | 0.0 0.0             | 0.0 0.0 0.0           | 0.0 0.0 0.0                            | 0.0 0.0 0.0         | 360                   |
| 46/91  | NW_013de            | 0.125 0.125 0.125   | 0.125 0.0 0.125     | 360                 | 0.125 0.125 0.125   | 11.9 0.0 0.0          | 0.0 0.0             | 0.129 0.132 0.132     | 11.9 -0.2 0.0                          | 0.2 198.6 0.2       | 360                   |
| 47/182 | NW_025de            | 0.25 0.25 0.25      | 0.25 0.0 0.25       | 360                 | 0.25 0.25 0.25      | 23.8 0.0 0.0          | 0.0 0.0             | 0.232 0.236 0.237     | 23.7 -0.4 -0.2                         | 0.4 207.2 0.4       | 360                   |
| 48/273 | NW_038de            | 0.375 0.375 0.375   | 0.375 0.0 0.375     | 360                 | 0.375 0.375 0.375   | 35.7 0.0 0.0          | 0.0 0.0             | 0.345 0.35 0.35       | 35.7 -0.4 -0.2                         | 0.5 205.6 0.5       | 360                   |
| 49/364 | NW_050de            | 0.5 0.5 0.5         | 0.5 0.0 0.5         | 360                 | 0.5 0.5 0.5         | 47.7 0.0 0.0          | 0.0 0.0             | 0.466 0.47 0.471      | 47.7 -0.3 -0.1                         | 0.4 205.6 0.4       | 360                   |
| 50/455 | NW_063de            | 0.625 0.625 0.625   | 0.625 0.0 0.625     | 360                 | 0.625 0.625 0.625   | 59.6 0.0 0.0          | 0.0 0.0             | 0.59 0.593 0.594      | 59.4 -0.2 -0.1                         | 0.3 206.3 0.3       | 360                   |
| 51/546 | NW_075de            | 0.75 0.75 0.75      | 0.75 0.0 0.75       | 360                 | 0.75 0.75 0.75      | 71.5 0.0 0.0          | 0.0 0.0             | 0.721 0.724 0.724     | 71.3 -0.1 0.0                          | 0.2 207.8 0.2       | 360                   |
| 52/637 | NW_088de            | 0.875 0.875 0.875   | 0.875 0.0 0.875     | 360                 | 0.875 0.875 0.875   | 83.4 0.0 0.0          | 0.0 0.0             | 0.858 0.86 0.86       | 83.3 0.0 0.0                           | 0.1 212.6 0.1       | 360                   |
| 53/728 | NW_100de            | 1.0 1.0 1.0         | 1.0 0.0 1.0         | 360                 | 1.0 1.0 1.0         | 95.4 0.0 0.0          | 0.0 0.0             | 1.0 1.0 1.0           | 95.4 0.0 0.0                           | 0.0 325.2 0.0       | 360                   |

delta E\*\* = 0.8

Grafico TUB-PI32; riproduzione del colore  
colori e la differenza,  $\Delta E^*$ , 3D=1, de=1, sRGB\*

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

iscrizione TUB: 20160501-PI32/PI32L0FP.PDF /.PS  
Applicazione per la misura dell'output su display, nessuna separazione  
TUB materiale: code=rha4ta

vedi file simili: <http://farbe.li-tu-berlin.de/PI32/PI32.HTM>  
informazioni tecniche: <http://www.ps.bam.de> o <http://130.149.60.45/~farbmetrik>

| n=j | 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> | rgb*F <sub>de</sub> | LabCh*F <sub>de</sub> | DE*F <sub>de</sub> hsi <sub>de</sub> | rgb*F <sub>de</sub> | LabCh*F <sub>de</sub> |
|-----|---------------------|---------------------|---------------------|---------------------|---------------------|-----------------------|---------------------|-----------------------|--------------------------------------|---------------------|-----------------------|
| 0   | NW_000de            | 0.0                 | 0.0                 | 0.0                 | 0.0                 | 0.0                   | 0.0                 | 0.0                   | 0.0                                  | 0.0                 | 0.0                   |
| 1   | B00R_012_012de      | 0.0                 | 0.0                 | 0.125               | 0.125               | 0.125                 | 0.062               | 0.062                 | 0.0                                  | 0.0                 | 0.0                   |
| 2   | B00R_025_025de      | 0.0                 | 0.0                 | 0.25                | 0.25                | 0.25                  | 0.125               | 0.125                 | 0.0                                  | 0.0                 | 0.0                   |
| 3   | B00R_037_037de      | 0.0                 | 0.0                 | 0.375               | 0.375               | 0.375                 | 0.187               | 0.187                 | 0.0                                  | 0.0                 | 0.0                   |
| 4   | B00R_050_050de      | 0.0                 | 0.0                 | 0.5                 | 0.5                 | 0.5                   | 0.25                | 0.25                  | 0.0                                  | 0.0                 | 0.0                   |
| 5   | B00R_062_062de      | 0.0                 | 0.0                 | 0.625               | 0.625               | 0.625                 | 0.312               | 0.312                 | 0.0                                  | 0.0                 | 0.0                   |
| 6   | B00R_075_075de      | 0.0                 | 0.0                 | 0.75                | 0.75                | 0.75                  | 0.375               | 0.375                 | 0.0                                  | 0.0                 | 0.0                   |
| 7   | B00R_087_087de      | 0.0                 | 0.0                 | 0.875               | 0.875               | 0.875                 | 0.437               | 0.437                 | 0.0                                  | 0.0                 | 0.0                   |
| 8   | B00R_100_100de      | 0.0                 | 0.0                 | 1.0                 | 1.0                 | 1.0                   | 0.5                 | 0.5                   | 0.0                                  | 0.0                 | 0.0                   |
| 9   | G00B_012_012de      | 0.0                 | 0.125               | 0.125               | 0.125               | 0.062                 | 0.150               | 0.150                 | 0.0                                  | 0.125               | 0.125                 |
| 10  | G50B_012_012de      | 0.0                 | 0.125               | 0.125               | 0.125               | 0.062                 | 0.210               | 0.210                 | 0.0                                  | 0.125               | 0.125                 |
| 11  | G75B_025_025de      | 0.0                 | 0.125               | 0.25                | 0.25                | 0.125                 | 0.240               | 0.240                 | 0.0                                  | 0.125               | 0.25                  |
| 12  | G84B_037_037de      | 0.0                 | 0.125               | 0.375               | 0.375               | 0.187                 | 0.251               | 0.251                 | 0.0                                  | 0.125               | 0.375                 |
| 13  | G88B_050_050de      | 0.0                 | 0.125               | 0.5                 | 0.5                 | 0.25                  | 0.256               | 0.256                 | 0.0                                  | 0.125               | 0.5                   |
| 14  | G90B_062_062de      | 0.0                 | 0.125               | 0.625               | 0.625               | 0.312                 | 0.259               | 0.259                 | 0.0                                  | 0.125               | 0.625                 |
| 15  | G92B_075_075de      | 0.0                 | 0.125               | 0.75                | 0.75                | 0.375                 | 0.261               | 0.261                 | 0.0                                  | 0.125               | 0.75                  |
| 16  | G93B_087_087de      | 0.0                 | 0.125               | 0.875               | 0.875               | 0.437                 | 0.263               | 0.263                 | 0.0                                  | 0.125               | 0.875                 |
| 17  | G94B_100_100de      | 0.0                 | 0.125               | 1.0                 | 1.0                 | 0.5                   | 0.262               | 0.262                 | 0.0                                  | 0.125               | 1.0                   |
| 18  | G00B_025_025de      | 0.0                 | 0.25                | 0.0                 | 0.25                | 0.25                  | 0.150               | 0.150                 | 0.0                                  | 0.25                | 0.0                   |
| 19  | G25B_025_025de      | 0.0                 | 0.25                | 0.125               | 0.25                | 0.125                 | 0.180               | 0.180                 | 0.0                                  | 0.25                | 0.125                 |
| 20  | G50B_025_025de      | 0.0                 | 0.25                | 0.25                | 0.25                | 0.125                 | 0.210               | 0.210                 | 0.0                                  | 0.25                | 0.25                  |
| 21  | G65B_037_037de      | 0.0                 | 0.25                | 0.375               | 0.375               | 0.187                 | 0.229               | 0.229                 | 0.0                                  | 0.25                | 0.375                 |
| 22  | G75B_050_050de      | 0.0                 | 0.25                | 0.5                 | 0.5                 | 0.25                  | 0.240               | 0.240                 | 0.0                                  | 0.25                | 0.5                   |
| 23  | G80B_062_062de      | 0.0                 | 0.25                | 0.625               | 0.625               | 0.312                 | 0.247               | 0.247                 | 0.0                                  | 0.25                | 0.625                 |
| 24  | G84B_075_075de      | 0.0                 | 0.25                | 0.75                | 0.75                | 0.375                 | 0.251               | 0.251                 | 0.0                                  | 0.25                | 0.75                  |
| 25  | G86B_087_087de      | 0.0                 | 0.25                | 0.875               | 0.875               | 0.437                 | 0.254               | 0.254                 | 0.0                                  | 0.25                | 0.875                 |
| 26  | G88B_100_100de      | 0.0                 | 0.25                | 1.0                 | 1.0                 | 0.5                   | 0.256               | 0.256                 | 0.0                                  | 0.25                | 1.0                   |
| 27  | G00B_037_037de      | 0.0                 | 0.375               | 0.0                 | 0.375               | 0.375                 | 0.187               | 0.187                 | 0.0                                  | 0.375               | 0.0                   |
| 28  | G15B_037_037de      | 0.0                 | 0.375               | 0.125               | 0.375               | 0.375                 | 0.169               | 0.169                 | 0.0                                  | 0.375               | 0.125                 |
| 29  | G34B_037_037de      | 0.0                 | 0.375               | 0.25                | 0.375               | 0.375                 | 0.187               | 0.187                 | 0.0                                  | 0.375               | 0.25                  |
| 30  | G50B_037_037de      | 0.0                 | 0.375               | 0.375               | 0.375               | 0.375                 | 0.187               | 0.187                 | 0.0                                  | 0.375               | 0.375                 |
| 31  | G61B_050_050de      | 0.0                 | 0.375               | 0.5                 | 0.5                 | 0.25                  | 0.224               | 0.224                 | 0.0                                  | 0.375               | 0.5                   |
| 32  | G69B_062_062de      | 0.0                 | 0.375               | 0.625               | 0.625               | 0.312                 | 0.233               | 0.233                 | 0.0                                  | 0.375               | 0.625                 |
| 33  | G75B_075_075de      | 0.0                 | 0.375               | 0.75                | 0.75                | 0.375                 | 0.240               | 0.240                 | 0.0                                  | 0.375               | 0.75                  |
| 34  | G79B_087_087de      | 0.0                 | 0.375               | 0.875               | 0.875               | 0.437                 | 0.245               | 0.245                 | 0.0                                  | 0.375               | 0.875                 |
| 35  | G81B_100_100de      | 0.0                 | 0.375               | 1.0                 | 1.0                 | 0.5                   | 0.248               | 0.248                 | 0.0                                  | 0.375               | 1.0                   |
| 36  | G00B_050_050de      | 0.0                 | 0.5                 | 0.0                 | 0.5                 | 0.25                  | 0.150               | 0.150                 | 0.0                                  | 0.5                 | 0.0                   |
| 37  | G11B_050_050de      | 0.0                 | 0.5                 | 0.125               | 0.5                 | 0.25                  | 0.164               | 0.164                 | 0.0                                  | 0.5                 | 0.125                 |
| 38  | G25B_050_050de      | 0.0                 | 0.5                 | 0.25                | 0.5                 | 0.25                  | 0.180               | 0.180                 | 0.0                                  | 0.5                 | 0.25                  |
| 39  | G38B_050_050de      | 0.0                 | 0.5                 | 0.375               | 0.5                 | 0.25                  | 0.196               | 0.196                 | 0.0                                  | 0.5                 | 0.375                 |
| 40  | G50B_050_050de      | 0.0                 | 0.5                 | 0.5                 | 0.5                 | 0.25                  | 0.210               | 0.210                 | 0.0                                  | 0.5                 | 0.5                   |
| 41  | G59B_062_062de      | 0.0                 | 0.625               | 0.625               | 0.625               | 0.312                 | 0.221               | 0.221                 | 0.0                                  | 0.625               | 0.625                 |
| 42  | G65B_075_075de      | 0.0                 | 0.5                 | 0.75                | 0.75                | 0.375                 | 0.229               | 0.229                 | 0.0                                  | 0.625               | 0.75                  |
| 43  | G70B_087_087de      | 0.0                 | 0.5                 | 0.875               | 0.875               | 0.437                 | 0.235               | 0.235                 | 0.0                                  | 0.625               | 0.875                 |
| 44  | G75B_100_100de      | 0.0                 | 0.5                 | 1.0                 | 1.0                 | 0.5                   | 0.240               | 0.240                 | 0.0                                  | 0.625               | 1.0                   |
| 45  | G00B_062_062de      | 0.0                 | 0.625               | 0.0                 | 0.625               | 0.625                 | 0.312               | 0.312                 | 0.0                                  | 0.625               | 0.0                   |
| 46  | G09B_062_062de      | 0.0                 | 0.625               | 0.125               | 0.625               | 0.625                 | 0.312               | 0.312                 | 0.0                                  | 0.625               | 0.125                 |
| 47  | G19B_062_062de      | 0.0                 | 0.625               | 0.25                | 0.625               | 0.625                 | 0.312               | 0.312                 | 0.0                                  | 0.625               | 0.25                  |
| 48  | G30B_062_062de      | 0.0                 | 0.625               | 0.375               | 0.625               | 0.625                 | 0.312               | 0.312                 | 0.0                                  | 0.625               | 0.375                 |
| 49  | G40B_062_062de      | 0.0                 | 0.625               | 0.5                 | 0.625               | 0.625                 | 0.312               | 0.312                 | 0.0                                  | 0.625               | 0.5                   |
| 50  | G50B_062_062de      | 0.0                 | 0.625               | 0.625               | 0.625               | 0.625                 | 0.312               | 0.312                 | 0.0                                  | 0.625               | 0.625                 |
| 51  | G57B_075_075de      | 0.0                 | 0.625               | 0.75                | 0.75                | 0.375                 | 0.219               | 0.219                 | 0.0                                  | 0.625               | 0.75                  |
| 52  | G63B_087_087de      | 0.0                 | 0.625               | 0.875               | 0.875               | 0.437                 | 0.226               | 0.226                 | 0.0                                  | 0.625               | 0.875                 |
| 53  | G68B_100_100de      | 0.0                 | 0.625               | 1.0                 | 1.0                 | 0.5                   | 0.232               | 0.232                 | 0.0                                  | 0.625               | 1.0                   |
| 54  | G00B_075_075de      | 0.0                 | 0.75                | 0.0                 | 0.75                | 0.75                  | 0.375               | 0.375                 | 0.0                                  | 0.75                | 0.0                   |
| 55  | G07B_075_075de      | 0.0                 | 0.75                | 0.125               | 0.75                | 0.75                  | 0.375               | 0.375                 | 0.0                                  | 0.75                | 0.125                 |
| 56  | G15B_075_075de      | 0.0                 | 0.75                | 0.25                | 0.75                | 0.75                  | 0.375               | 0.375                 | 0.0                                  | 0.75                | 0.25                  |
| 57  | G25B_075_075de      | 0.0                 | 0.75                | 0.375               | 0.75                | 0.75                  | 0.375               | 0.375                 | 0.0                                  | 0.75                | 0.375                 |
| 58  | G34B_075_075de      | 0.0                 | 0.75                | 0.5                 | 0.75                | 0.75                  | 0.375               | 0.375                 | 0.0                                  | 0.75                | 0.5                   |
| 59  | G42B_075_075de      | 0.0                 | 0.75                | 0.625               | 0.75                | 0.75                  | 0.375               | 0.375                 | 0.0                                  | 0.75                | 0.625                 |
| 60  | G50B_075_075de      | 0.0                 | 0.75                | 0.75                | 0.75                | 0.75                  | 0.375               | 0.375                 | 0.0                                  | 0.75                | 0.75                  |
| 61  | G56B_087_087de      | 0.0                 | 0.75                | 0.875               | 0.875               | 0.437                 | 0.218               | 0.218                 | 0.0                                  | 0.75                | 0.875                 |
| 62  | G61B_100_100de      | 0.0                 | 0.75                | 1.0                 | 1.0                 | 0.5                   | 0.224               | 0.224                 | 0.0                                  | 0.75                | 1.0                   |
| 63  | G00B_087_087de      | 0.0                 | 0.875               | 0.0                 | 0.875               | 0.875                 | 0.437               | 0.437                 | 0.0                                  | 0.875               | 0.0                   |
| 64  | G06B_087_087de      | 0.0                 | 0.875               | 0.125               | 0.875               | 0.875                 | 0.437               | 0.437                 | 0.0                                  | 0.875               | 0.125                 |
| 65  | G13B_087_087de      | 0.0                 | 0.875               | 0.25                | 0.875               | 0.875                 | 0.437               | 0.437                 | 0.0                                  | 0.875               | 0.25                  |
| 66  | G20B_087_087de      | 0.0                 | 0.875               | 0.375               | 0.875               | 0.875                 | 0.437               | 0.437                 | 0.0                                  | 0.875               | 0.375                 |
| 67  | G29B_087_087de      | 0.0                 | 0.875               | 0.5                 | 0.875               | 0.875                 | 0.437               | 0.437                 | 0.0                                  | 0.875               | 0.5                   |
| 68  | G36B_087_087de      | 0.0                 | 0.875               | 0.625               | 0.875               | 0.875                 | 0.437               | 0.437                 | 0.0                                  | 0.875               | 0.625                 |
| 69  | G43B_087_087de      | 0.0                 | 0.875               | 0.75                | 0.875               | 0.875                 | 0.437               | 0.437                 | 0.0                                  | 0.875               | 0.75                  |
| 70  | G50B_087_087de      | 0.0                 | 0.875               | 0.875               | 0.875               | 0.875                 | 0.437               | 0.437                 | 0.0                                  | 0.875               | 0.875                 |
| 71  | G55B_100_100de      | 0.0                 | 0.875               | 1.0                 | 1.0                 | 0.5                   | 0.217               | 0.217                 | 0.0                                  | 0.875               | 1.0                   |
| 72  | G00B_100_100de      | 0.0                 | 1.0                 | 0.0                 | 1.0                 | 0.5                   | 0.150               | 0.150                 | 0.0                                  | 1.0                 | 0.0                   |
| 73  | G05B_100_100de      | 0.0                 | 1.0                 | 0.125               | 1.0                 | 0.5                   | 0.157               | 0.157                 | 0.0                                  | 1.0                 | 0.125                 |
| 74  | G11B_100_100de      | 0.0                 | 1.0                 | 0.25                | 1.0                 | 0.5                   | 0.164               | 0.164                 | 0.0                                  | 1.0                 | 0.25                  |
| 75  | G18B_100_100de      | 0.0                 | 1.0                 | 0.375               | 1.0                 | 0.5                   | 0.172               | 0.172                 | 0.0                                  | 1.0                 | 0.375                 |
| 76  | G25B_100_100de      | 0.0                 | 1.0                 | 0.5                 | 1.0                 | 0.5                   | 0.180               | 0.180                 | 0.0                                  | 1.0                 | 0.5                   |
| 77  | G31B_100_100de      | 0.0                 | 1.0                 | 0.625               | 1.0                 | 0.5                   | 0.188               | 0.188                 | 0.0                                  | 1.0                 | 0.625                 |
| 78  | G38B_100_100de      | 0.0                 | 1.0                 | 0.75                | 1.0                 | 0.5                   | 0.196               | 0.196                 | 0.0                                  | 1.0                 | 0.75                  |
| 79  | G44B_100_100de      | 0.0                 | 1.0                 | 0.875               | 1.0                 | 0.5                   | 0.203               | 0.203                 | 0.0                                  | 1.0                 | 0.875                 |
| 80  | G50B_100_100de      | 0.0                 | 1.0                 | 1.0                 | 1.0                 | 0.5                   | 0.210               | 0.210                 | 0.0                                  | 1.0                 | 1.0                   |

delta E\* = 0.6

Grafico TUB-PI32; riproduzione del colore  
colori e la differenza,  $\Delta E^*$ , 3D=1, de=1, sRGB\*

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

iscrizione TUB: 20160501-PI32/PI32L0FP.PDF /.PS  
Applicazione per la misura dell'output su display, nessuna separazione  
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> | rgb*F <sub>de</sub> | LabCh*F <sub>de</sub> | DE*F <sub>de</sub> hsi <sub>de</sub> | rgb*F <sub>de</sub> | LabCh*F <sub>de</sub> |
|-----|---------------------|---------------------|---------------------|---------------------|---------------------|-----------------------|---------------------|-----------------------|--------------------------------------|---------------------|-----------------------|
| 81  | R00Y_012_012de      | 0.125 0.0 0.0       | 0.125 0.125 0.062   | 390                 | 0.125 0.0 0.032     | 6.3 9.7 4.6           | 10.8 25.4           | 0.146 0.043 0.037     | 5.3 11.5 4.6                         | 12.4 21.9 2.0       | 375                   |
| 82  | B50R_012_012de      | 0.125 0.0 0.125     | 0.125 0.125 0.062   | 390                 | 0.125 0.0 0.123     | 7.1 17.7 -7.1         | 13.7 328.6          | 0.137 0.052 0.133     | 6.1 14.1 -8.8                        | 16.6 328.0 3.0      | 390                   |
| 83  | B25R_025_025de      | 0.125 0.0 0.25      | 0.25 0.25 0.125     | 300                 | 0.0 0.067 0.25      | 9.5 13.1 -22.6        | 26.2 300.1          | 0.093 0.083 0.24      | 8.6 14.1 -24.3                       | 28.1 300.2 2.1      | 254                   |
| 84  | B15R_037_037de      | 0.125 0.0 0.375     | 0.375 0.375 0.187   | 289                 | 0.0 0.165 0.375     | 17.9 10.1 -28.9       | 299.7               | 0.101 0.173 0.354     | 17.7 9.4 -28.8                       | 30.3 288.2 0.9      | 243                   |
| 85  | B11R_050_050de      | 0.125 0.0 0.5       | 0.5 0.5 0.25        | 284                 | 0.0 0.25 0.5        | 25.9 9.1 -34.1        | 35.3 285.0          | 0.129 0.25 0.473      | 25.9 9.1 -34.4                       | 35.6 284.8 0.2      | 239                   |
| 86  | B09R_062_062de      | 0.125 0.0 0.625     | 0.625 0.625 0.312   | 281                 | 0.0 0.327 0.625     | 33.3 8.9 -41.3        | 42.3 281.0          | 0.181 0.324 0.597     | 33.2 8.1 -41.4                       | 42.2 281.0 0.8      | 238                   |
| 87  | B07R_075_075de      | 0.125 0.0 0.75      | 0.75 0.75 0.375     | 279                 | 0.0 0.404 0.75      | 40.8 8.7 -48.4        | 49.2 280.2          | 0.071 0.401 0.728     | 40.8 8.0 -48.3                       | 49.0 279.4 0.7      | 237                   |
| 88  | B06R_087_087de      | 0.125 0.0 0.875     | 0.875 0.875 0.437   | 278                 | 0.0 0.478 0.875     | 48.1 9.1 -55.8        | 56.5 279.3          | 0.0 0.478 0.864       | 48.1 8.7 -55.7                       | 56.4 278.9 0.3      | 236                   |
| 89  | B05R_100_100de      | 0.125 0.0 1.0       | 1.0 1.0 0.5         | 277                 | 0.0 0.554 1.0       | 55.5 9.2 -63.0        | 63.6 278.3          | 0.0 0.557 1.0         | 55.6 9.6 -62.0                       | 62.7 278.8 1.0      | 236                   |
| 90  | Y00G_012_012de      | 0.125 0.125 0.0     | 0.125 0.125 0.062   | 90                  | 0.125 0.107 0.0     | 10.4 -0.4 10.5        | 10.5 9.2            | 0.139 0.115 0.038     | 10.1 -0.3 11.5                       | 11.5 9.7 1.0        | 82                    |
| 91  | NW_012de            | 0.125 0.125 0.125   | 0.125 0.0 0.125     | 360                 | 0.125 0.125 0.125   | 11.9 0.0 0.0          | 0.0 0.0             | 0.129 0.132 0.132     | 11.9 -0.2 0.0                        | 0.2 198.6 0.2       | 360                   |
| 92  | B00R_025_012de      | 0.125 0.125 0.25    | 0.25 0.125 0.187    | 270                 | 0.124 0.201 0.25    | 19.3 0.2 -7.0         | 7.0 271.7           | 0.162 0.197 0.238     | 19.0 -0.7 -7.5                       | 7.5 264.4 1.0       | 232                   |
| 93  | B00R_037_025de      | 0.125 0.125 0.375   | 0.375 0.25 0.25     | 270                 | 0.124 0.277 0.375   | 26.7 0.4 -14.1        | 14.1 271.7          | 0.199 0.267 0.353     | 26.6 -0.3 -14.5                      | 14.5 268.5 0.9      | 232                   |
| 94  | B00R_050_037de      | 0.125 0.125 0.5     | 0.5 0.375 0.312     | 270                 | 0.124 0.353 0.5     | 34.1 0.6 -21.2        | 21.2 271.7          | 0.232 0.34 0.473      | 34.1 0.0 -21.5                       | 21.5 270.2 0.6      | 232                   |
| 95  | B00R_062_050de      | 0.125 0.125 0.625   | 0.625 0.5 0.375     | 270                 | 0.125 0.429 0.625   | 41.5 0.8 -28.3        | 28.3 271.7          | 0.261 0.416 0.597     | 41.5 0.2 -28.1                       | 28.1 270.4 0.6      | 232                   |
| 96  | B00R_075_062de      | 0.125 0.125 0.75    | 0.75 0.625 0.437    | 270                 | 0.125 0.505 0.75    | 48.9 1.0 -35.3        | 35.3 271.7          | 0.282 0.494 0.727     | 48.9 0.4 -35.1                       | 35.1 270.7 0.6      | 232                   |
| 97  | B00R_087_075de      | 0.125 0.125 0.875   | 0.875 0.75 0.5      | 270                 | 0.125 0.582 0.875   | 56.3 1.2 -42.4        | 42.4 271.7          | 0.294 0.573 0.863     | 56.2 0.9 -42.5                       | 42.5 271.2 0.4      | 232                   |
| 98  | B00R_100_087de      | 0.125 0.125 1.0     | 1.0 0.875 0.562     | 270                 | 0.125 0.658 1.0     | 63.7 1.5 -49.5        | 49.5 271.7          | 0.304 0.654 1.0       | 63.5 1.1 -49.3                       | 49.4 271.3 0.4      | 232                   |
| 99  | Y50G_025_025de      | 0.125 0.25 0.0      | 0.25 0.25 0.125     | 120                 | 0.132 0.25 0.0      | 21.4 -15.7 20.7       | 26.0 127.2          | 0.15 0.238 0.071      | 21.4 -16.8 21.9                      | 27.6 127.4 1.6      | 118                   |
| 100 | G00B_025_012de      | 0.125 0.25 0.125    | 0.25 0.125 0.187    | 150                 | 0.124 0.25 0.213    | 22.5 -8.0 2.5         | 8.4 162.2           | 0.165 0.239 0.208     | 22.4 -9.1 2.3                        | 9.4 165.6 1.0       | 193                   |
| 101 | G50B_025_012de      | 0.125 0.25 0.25     | 0.25 0.125 0.187    | 210                 | 0.124 0.236 0.25    | 21.8 -4.2 -3.2        | 5.3 216.9           | 0.167 0.226 0.237     | 21.6 -5.1 -3.5                       | 6.2 214.5 0.9       | 215                   |
| 102 | G75B_037_025de      | 0.125 0.25 0.375    | 0.375 0.25 0.25     | 240                 | 0.124 0.315 0.375   | 29.4 -4.7 -9.9        | 10.9 244.3          | 0.199 0.301 0.352     | 29.3 -5.8 -10.2                      | 11.7 240.2 1.1      | 223                   |
| 103 | G84B_050_037de      | 0.125 0.25 0.5      | 0.5 0.375 0.312     | 251                 | 0.124 0.391 0.5     | 36.8 -4.7 -17.1       | 17.8 254.3          | 0.235 0.375 0.474     | 36.8 -5.1 -17.3                      | 18.1 253.5 0.4      | 226                   |
| 104 | G88B_062_050de      | 0.125 0.25 0.625    | 0.625 0.5 0.375     | 256                 | 0.125 0.467 0.625   | 44.2 -4.7 -24.3       | 24.7 259.9          | 0.256 0.453 0.598     | 44.2 -5.4 -24.1                      | 24.7 257.3 0.6      | 227                   |
| 105 | G90B_075_062de      | 0.125 0.25 0.75     | 0.75 0.625 0.437    | 259                 | 0.125 0.543 0.75    | 51.6 -4.5 -31.4       | 31.7 261.6          | 0.273 0.531 0.729     | 51.6 -5.1 -31.3                      | 31.7 260.6 0.6      | 228                   |
| 106 | G92B_087_075de      | 0.125 0.25 0.875    | 0.875 0.5 0.625     | 261                 | 0.125 0.619 0.875   | 59.0 -4.3 -38.5       | 38.7 263.5          | 0.287 0.61 0.864      | 58.8 -4.5 -38.7                      | 38.9 263.2 0.2      | 229                   |
| 107 | G93B_100_087de      | 0.125 0.25 1.0      | 1.0 0.875 0.562     | 262                 | 0.125 0.698 1.0     | 66.5 -4.4 -45.3       | 45.6 266.4          | 0.294 0.696 1.0       | 66.3 -4.9 -45.0                      | 45.2 263.6 0.7      | 229                   |
| 108 | Y68G_037_037de      | 0.125 0.375 0.0     | 0.375 0.375 0.187   | 131                 | 0.0 0.375 0.102     | 31.4 -30.0 25.1       | 39.1 140.0          | 0.125 0.354 0.133     | 31.5 -30.0 25.4                      | 39.7 140.1 0.5      | 165                   |
| 109 | G00B_037_025de      | 0.125 0.375 0.125   | 0.375 0.25 0.25     | 150                 | 0.124 0.375 0.301   | 33.2 -16.1 5.1        | 16.9 162.2          | 0.203 0.354 0.289     | 33.1 -17.2 5.0                       | 17.9 163.7 1.1      | 193                   |
| 110 | G25B_037_025de      | 0.125 0.375 0.25    | 0.375 0.25 0.25     | 180                 | 0.124 0.375 0.362   | 33.5 -12.4 -2.1       | 12.6 189.6          | 0.208 0.353 0.341     | 33.5 -13.4 -2.3                      | 13.6 189.7 1.0      | 207                   |
| 111 | G50B_037_025de      | 0.125 0.375 0.375   | 0.375 0.25 0.25     | 210                 | 0.124 0.347 0.375   | 31.6 -8.5 -6.4        | 10.7 216.9          | 0.204 0.329 0.351     | 31.6 -9.6 -6.7                       | 11.7 214.7 1.1      | 215                   |
| 112 | G65B_050_037de      | 0.125 0.375 0.5     | 0.5 0.375 0.312     | 229                 | 0.124 0.428 0.5     | 39.4 -9.4 -13.1       | 16.2 234.3          | 0.237 0.41 0.474      | 39.5 -10.0 -13.2                     | 16.6 232.9 0.5      | 220                   |
| 113 | G75B_062_050de      | 0.125 0.375 0.625   | 0.625 0.5 0.375     | 240                 | 0.125 0.506 0.625   | 46.9 -9.5 -19.8       | 21.9 244.3          | 0.266 0.489 0.596     | 47.0 -10.1 -19.6                     | 22.0 242.7 0.6      | 223                   |
| 114 | G80B_075_062de      | 0.125 0.375 0.75    | 0.75 0.625 0.437    | 247                 | 0.125 0.581 0.75    | 54.2 -9.4 -27.0       | 28.6 250.7          | 0.28 0.566 0.726      | 54.1 -9.9 -26.9                      | 28.7 249.8 0.4      | 225                   |
| 115 | G84B_087_075de      | 0.125 0.375 0.875   | 0.875 0.75 0.5      | 251                 | 0.125 0.657 0.875   | 61.6 -9.5 -34.3       | 35.6 254.3          | 0.287 0.648 0.864     | 61.5 -9.7 -34.4                      | 35.8 254.2 0.2      | 226                   |
| 116 | G86B_100_087de      | 0.125 0.375 1.0     | 1.0 0.875 0.562     | 254                 | 0.125 0.733 1.0     | 69.0 -9.4 -41.5       | 42.6 257.1          | 0.29 0.733 1.0        | 68.8 -10.0 -41.0                     | 42.2 256.2 0.7      | 227                   |
| 117 | Y76G_050_050de      | 0.125 0.5 0.0       | 0.5 0.5 0.25        | 136                 | 0.0 0.5 0.218       | 42.0 -38.0 25.7       | 45.9 145.9          | 0.131 0.474 0.226     | 42.2 -38.6 26.1                      | 46.6 145.8 0.7      | 175                   |
| 118 | G00B_050_037de      | 0.125 0.5 0.125     | 0.5 0.375 0.312     | 150                 | 0.124 0.5 0.389     | 43.8 -24.2 7.7        | 25.4 162.2          | 0.245 0.475 0.375     | 44.0 -24.6 7.8                       | 25.8 162.3 0.4      | 193                   |
| 119 | G15B_050_037de      | 0.125 0.5 0.25      | 0.5 0.375 0.312     | 169                 | 0.124 0.5 0.455     | 44.2 -20.3 0.1        | 20.3 179.5          | 0.248 0.474 0.431     | 44.3 -20.9 0.1                       | 20.9 179.6 0.5      | 203                   |
| 120 | G34B_050_037de      | 0.125 0.5 0.375     | 0.5 0.375 0.312     | 191                 | 0.124 0.493 0.5     | 44.0 -16.7 -5.9       | 17.7 199.6          | 0.251 0.468 0.472     | 44.1 -17.1 -5.9                      | 18.1 199.2 0.4      | 210                   |
| 121 | G50B_050_037de      | 0.125 0.5 0.5       | 0.5 0.375 0.312     | 210                 | 0.124 0.458 0.5     | 41.5 -12.8 -9.6       | 16.0 216.9          | 0.243 0.437 0.472     | 41.6 -13.4 -9.7                      | 16.6 215.9 0.6      | 215                   |
| 122 | G61B_062_050de      | 0.125 0.5 0.625     | 0.625 0.5 0.375     | 224                 | 0.125 0.539 0.625   | 49.3 -13.8 -16.3      | 21.4 229.7          | 0.264 0.52 0.597      | 49.3 -14.4 -16.1                     | 21.6 228.3 0.5      | 219                   |
| 123 | G69B_075_062de      | 0.125 0.5 0.75      | 0.75 0.625 0.437    | 233                 | 0.125 0.62 0.75     | 57.0 -14.4 -23.0      | 27.1 237.9          | 0.28 0.603 0.728      | 56.8 -14.7 -23.0                     | 27.3 237.4 0.3      | 221                   |
| 124 | G75B_087_075de      | 0.125 0.5 0.875     | 0.875 0.75 0.5      | 240                 | 0.125 0.697 0.875   | 64.4 -14.2 -29.7      | 32.9 244.3          | 0.299 0.687 0.862     | 64.3 -14.5 -29.8                     | 33.2 244.0 0.3      | 223                   |
| 125 | G79B_100_087de      | 0.125 0.5 1.0       | 1.0 0.875 0.562     | 245                 | 0.125 0.773 1.0     | 71.8 -14.1 -36.7      | 39.3 248.9          | 0.311 0.772 1.0       | 71.7 -14.4 -36.6                     | 39.3 248.4 0.3      | 224                   |
| 126 | Y81G_062_062de      | 0.125 0.625 0.0     | 0.625 0.625 0.312   | 139                 | 0.0 0.625 0.32      | 52.7 -45.8 27.1       | 53.2 149.4          | 0.13 0.596 0.319      | 52.6 -46.1 27.1                      | 53.5 149.5 0.3      | 180                   |
| 127 | G00B_062_050de      | 0.125 0.625 0.125   | 0.625 0.5 0.375     | 150                 | 0.125 0.625 0.478   | 54.5 -32.3 10.3       | 33.9 162.2          | 0.269 0.598 0.463     | 54.4 -32.6 10.0                      | 34.1 162.8 0.4      | 193                   |
| 128 | G11B_062_050de      | 0.125 0.625 0.25    | 0.625 0.5 0.375     | 164                 | 0.125 0.625 0.544   | 54.8 -28.5 2.4        | 28.6 175.0          | 0.272 0.598 0.523     | 54.7 -28.8 2.2                       | 28.8 175.6 0.3      | 201                   |
| 129 | G25B_062_050de      | 0.125 0.625 0.375   | 0.625 0.5 0.375     | 180                 | 0.125 0.625 0.6     | 55.2 -24.9 -4.2       | 25.3 189.6          | 0.276 0.597 0.574     | 55.1 -25.3 -4.3                      | 25.5 189.6 0.3      | 207                   |
| 130 | G38B_062_050de      | 0.125 0.625 0.5     | 0.625 0.5 0.375     | 196                 | 0.125 0.604 0.625   | 53.8 -21.0 9.4        | 23.0 204.2          | 0.274 0.578 0.597     | 53.8 -21.4 -9.4                      | 23.4 203.6 0.4      | 212                   |
| 131 | G50B_062_050de      | 0.125 0.625 0.625   | 0.625 0.5 0.375     | 210                 | 0.125 0.67 0.625    | 51.4 -17.1 -12.8      | 21.4 216.9          | 0.271 0.547 0.595     | 51.4 -17.7 -12.7                     | 21.8 215.7 0.6      | 215                   |
| 132 | G59B_075_062de      | 0.125 0.625 0.75    | 0.75 0.625 0.437    | 221                 | 0.125 0.651 0.75    | 59.2 -18.1 -19.5      | 26.6 227.0          | 0.285 0.632 0.727     | 59.0 -18.3 -19.6                     | 26.9 226.8 0.2      | 218                   |
| 133 | G65B_087_075de      | 0.125 0.625 0.875   | 0.875 0.75 0.5      | 229                 | 0.125 0.731 0.875   | 66.9 -18.9 -26.3      | 32.4 234.3          | 0.29 0.721 0.865      | 66.7 -19.1 -26.4                     | 32.6 234.0 0.3      | 220                   |
| 134 | G70B_100_087de      | 0.125 0.625 1.0     | 1.0 0.875 0.562     | 235                 | 0.125 0.811 1.0     | 74.5 -19.2 -32.9      | 38.1 239.7          | 0.299 0.811 1.0       | 74.3 -19.8 -32.5                     | 38.0 238.6 0.8      | 221                   |
| 135 | Y85G_075_075de      | 0.125 0.75 0.0      | 0.75 0.75 0.375     | 141                 | 0.0 0.75 0.414      | 63.3 -53.8 28.9       | 61.1 151.7          | 0.112 0.726 0.413     | 63.3 -54.0 28.7                      | 61.1 152.0 0.2      | 183                   |
| 136 | G00B_075_062de      | 0.125 0.75 0.125    | 0.75 0.625 0.437    | 150                 | 0.125 0.75 0.566    | 65.1 -40.4 12.9       | 42.4 162.2          | 0.291 0.729 0.554     | 65.0 -40.7 12.7                      | 42.6 162.5 0.3      | 193                   |
| 137 | G09B_075_062de      | 0.125 0.75 0.25     | 0.75 0.625 0.437    | 161                 | 0.125 0.75 0.632    | 65.4 -36.7 4.9        | 37.0 172.2          | 0.292 0.728 0.615     | 65.3 -37.0 5.0                       | 37.3 172.3 0.3      | 199                   |
| 138 | G19B_075_062de      | 0.125 0.75 0.375    | 0.75 0.625 0.437    | 173                 | 0.125 0.75 0.691    | 65.8 -33.0 -1.8       | 33.1 183.2          | 0.296 0.728 0.67      | 65.7 -33.4 -1.8                      | 33.4 183.2 0.3      | 205                   |
| 139 | G30B_075_062de      | 0.125 0.75 0.5      | 0.75 0.625 0.437    | 187                 | 0.125 0.75 0.748    | 66.2 -29.0 -8.3       | 30.1 195.9          | 0.305 0.726 0.722     | 66.0 -29.4 -8.3                      | 30.6 195.8 0.4      | 209                   |
| 140 | G40B_075_062de      | 0.125 0.75 0.625    | 0.75 0.625 0.437    | 199                 | 0.125 0.714 0.75    | 63.7 -25.3 -12.8      | 28.4 206.9          | 0.291 0.693 0.728     | 63.5 -25.7 -12.9                     | 28.7 206.6 0.4      | 212                   |
| 141 | G50B_075_062de      | 0.125 0.75 0.75     | 0.75 0.625 0.437    | 210                 | 0.125 0.681 0.75    | 61.3 -21.4 -16.1      | 26.8 216.9          | 0.294 0.661 0.726     | 61.1 -21.7 -16.2                     | 27.1 216.8 0.3      | 215                   |
| 142 | G57B_087_075de      | 0.125 0.75 0.875    | 0                   |                     |                     |                       |                     |                       |                                      |                     |                       |

http://farbe.li.tu-berlin.de/PI32/PI32L0FP.PDF /.PS; linearizzazione 3D  
F: linearizzazione 3D PI32/PI32LI30FP.DAT nel file (F), pagine 7/18

| 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> | rgb*F <sub>de</sub> | LabCh*F <sub>de</sub> | DE*F <sub>de</sub> hsi <sub>de</sub> | rgb* <sub>Mde</sub> | LabCh* <sub>Mde</sub> |
|-----|---------------------|---------------------|----------------------------------|---------------------|-----------------------|-----------------------|---------------------|-----------------------|--------------------------------------|---------------------|-----------------------|
| 162 | R00Y_025_025da      | 0.25 0.0 0.0        | 0.25 0.25 0.125                  | 390                 | 0.25 0.0 0.065        | 12.7 19.5 9.3         | 21.6 25.4           | 0.248 0.077 0.076     | 12.1 20.4 10.6                       | 23.0 27.4 1.6       | 375                   |
| 163 | R00Y_025_025da      | 0.25 0.0 0.125      | 0.25 0.25 0.125                  | 360                 | 0.25 0.0 0.154        | 13.2 20.9 -2.9        | 21.1 352.0          | 0.241 0.08 0.162      | 12.6 21.8 -4.0                       | 23.2 249.6 1.5      | 352                   |
| 164 | B50R_025_025da      | 0.25 0.0 0.25       | 0.25 0.25 0.125                  | 330                 | 0.25 0.0 0.247        | 14.2 23.5 -14.3       | 27.5 328.6          | 0.241 0.086 0.237     | 13.7 24.5 -15.3                      | 28.9 327.9 1.4      | 330                   |
| 165 | B34R_037_037da      | 0.25 0.0 0.375      | 0.375 0.375 0.187                | 311                 | 0.166 0.0 0.375       | 13.9 29.6 -34.5       | 45.5 310.5          | 0.187 0.069 0.353     | 13.1 30.7 -36.1                      | 47.4 310.2 2.0      | 296                   |
| 166 | B25R_050_050da      | 0.25 0.0 0.5        | 0.5 0.5 0.25                     | 300                 | 0.0 0.135 0.5         | 19.1 26.3 -45.3       | 52.4 300.1          | 0.131 0.148 0.474     | 18.9 26.6 -46.0                      | 53.1 300.0 0.7      | 254                   |
| 167 | B19R_062_062da      | 0.25 0.0 0.625      | 0.625 0.625 0.312                | 293                 | 0.0 0.245 0.625       | 28.0 21.7 -49.8       | 54.3 293.5          | 0.129 0.248 0.597     | 28.0 21.5 -49.8                      | 54.2 293.3 0.2      | 247                   |
| 168 | B15R_075_075da      | 0.25 0.0 0.75       | 0.75 0.75 0.375                  | 289                 | 0.0 0.33 0.75         | 35.9 20.2 -56.2       | 59.8 289.7          | 0.078 0.33 0.728      | 35.7 19.6 -56.4                      | 59.8 289.2 0.5      | 243                   |
| 169 | B13R_087_087da      | 0.25 0.0 0.875      | 0.875 0.875 0.437                | 286                 | 0.0 0.416 0.875       | 43.9 18.9 -62.2       | 65.0 286.9          | 0.043 0.417 0.862     | 44.0 18.4 -62.1                      | 64.8 286.5 0.5      | 241                   |
| 170 | B11R_100_100da      | 0.25 0.0 1.0        | 1.0 1.0 0.5                      | 284                 | 0.0 0.5 1.0           | 51.8 18.3 -68.3       | 70.7 285.0          | 0.0 0.502 1.0         | 51.9 18.0 -68.0                      | 70.4 284.8 0.3      | 239                   |
| 171 | R50Y_025_025da      | 0.25 0.125 0.0      | 0.25 0.25 0.125                  | 60                  | 0.25 0.121 0.0        | 15.7 10.6 17.7        | 20.6 58.8           | 0.247 0.138 0.042     | 15.6 10.4 19.2                       | 21.9 61.4 1.5       | 59                    |
| 172 | R00Y_025_012da      | 0.25 0.125 0.125    | 0.25 0.125 0.187                 | 390                 | 0.25 0.124 0.157      | 18.2 9.7 4.6          | 10.8 25.4           | 0.247 0.163 0.16      | 18.0 9.4 4.3                         | 10.4 24.7 0.5       | 375                   |
| 173 | B50R_025_012da      | 0.25 0.125 0.25     | 0.25 0.125 0.187                 | 330                 | 0.25 0.124 0.248      | 19.0 11.7 -7.1        | 13.7 328.6          | 0.239 0.168 0.237     | 18.8 11.6 -7.6                       | 13.8 326.6 0.5      | 330                   |
| 174 | B25R_037_025da      | 0.25 0.125 0.375    | 0.375 0.25 0.25                  | 300                 | 0.124 0.192 0.375     | 21.4 13.1 -22.6       | 26.2 300.1          | 0.206 0.192 0.355     | 21.0 12.8 -23.5                      | 26.7 298.6 0.9      | 254                   |
| 175 | B15R_050_037da      | 0.25 0.125 0.5      | 0.5 0.375 0.312                  | 289                 | 0.124 0.29 0.5        | 29.9 10.1 -28.1       | 29.9 289.7          | 0.235 0.281 0.475     | 29.8 9.7 -28.5                       | 30.1 288.7 0.5      | 243                   |
| 176 | B11R_062_050da      | 0.25 0.125 0.625    | 0.625 0.5 0.375                  | 284                 | 0.125 0.375 0.625     | 37.8 9.1 -34.1        | 35.3 285.0          | 0.266 0.363 0.597     | 37.8 8.7 -34.1                       | 35.2 284.3 0.4      | 239                   |
| 177 | B09R_075_062da      | 0.25 0.125 0.75     | 0.75 0.625 0.437                 | 281                 | 0.125 0.452 0.75      | 45.3 8.9 -41.3        | 42.3 282.1          | 0.278 0.441 0.729     | 45.2 8.2 -41.2                       | 42.0 281.2 0.6      | 238                   |
| 178 | B07R_087_075da      | 0.25 0.125 0.875    | 0.875 0.75 0.5                   | 279                 | 0.125 0.529 0.875     | 52.7 8.7 -48.4        | 49.2 280.2          | 0.29 0.522 0.865      | 52.7 8.2 -48.4                       | 49.1 279.6 0.5      | 237                   |
| 179 | B06R_100_087da      | 0.25 0.125 1.0      | 1.0 0.875 0.562                  | 278                 | 0.125 0.603 1.0       | 60.0 9.1 -55.8        | 56.5 279.3          | 0.295 0.6 1.0         | 59.8 8.5 -55.3                       | 55.9 278.7 0.8      | 236                   |
| 180 | Y00G_025_025da      | 0.25 0.25 0.0       | 0.25 0.25 0.125                  | 90                  | 0.25 0.214 0.0        | 20.9 -0.8 21.1        | 21.1 92.3           | 0.24 0.207 0.065      | 20.7 -1.5 22.6                       | 22.6 93.8 1.6       | 82                    |
| 181 | Y00G_025_012da      | 0.25 0.25 0.125     | 0.25 0.125 0.187                 | 90                  | 0.25 0.232 0.124      | 22.3 -0.4 10.5        | 10.5 92.3           | 0.24 0.221 0.158      | 22.2 -1.0 10.4                       | 10.5 95.4 0.6       | 82                    |
| 182 | NW_025da            | 0.25 0.25 0.25      | 0.25 0.0 0.25                    | 360                 | 0.25 0.25 0.25        | 23.8 0.0 0.0          | 0.0 0.0             | 0.232 0.236 0.237     | 23.7 -0.4 -0.2                       | 0.4 207.2 0.4       | 360                   |
| 183 | B00R_037_012da      | 0.25 0.25 0.375     | 0.375 0.125 0.312                | 270                 | 0.249 0.326 0.375     | 31.2 0.2 -7.0         | 7.0 271.7           | 0.276 0.308 0.352     | 31.1 -0.4 -7.3                       | 7.3 266.8 0.6       | 232                   |
| 184 | B00R_050_025da      | 0.25 0.25 0.5       | 0.5 0.25 0.375                   | 270                 | 0.249 0.402 0.5       | 38.6 0.4 -14.1        | 14.1 271.7          | 0.32 0.382 0.473      | 38.6 0.0 -14.4                       | 14.4 269.8 0.5      | 232                   |
| 185 | B00R_062_037da      | 0.25 0.25 0.625     | 0.625 0.375 0.437                | 270                 | 0.25 0.478 0.625      | 46.0 0.6 -21.2        | 21.2 271.7          | 0.359 0.459 0.597     | 46.0 0.0 -21.0                       | 21.0 270.0 0.6      | 232                   |
| 186 | B00R_075_050da      | 0.25 0.25 0.75      | 0.75 0.5 0.5                     | 270                 | 0.25 0.554 0.75       | 53.4 0.8 -28.3        | 28.3 271.7          | 0.394 0.538 0.728     | 53.4 0.4 -28.1                       | 28.1 270.8 0.4      | 232                   |
| 187 | B00R_087_062da      | 0.25 0.25 0.875     | 0.875 0.625 0.562                | 270                 | 0.25 0.63 0.875       | 60.8 1.0 -35.3        | 35.3 271.7          | 0.424 0.617 0.864     | 60.7 1.0 -35.5                       | 35.5 271.6 0.2      | 232                   |
| 188 | B00R_100_075da      | 0.25 0.25 1.0       | 1.0 0.75 0.625                   | 270                 | 0.25 0.707 1.0        | 68.2 1.2 -42.4        | 42.4 271.7          | 0.45 0.701 1.0        | 68.1 0.9 -42.1                       | 42.1 271.2 0.5      | 232                   |
| 189 | Y31G_037_037da      | 0.25 0.375 0.0      | 0.375 0.375 0.187                | 109                 | 0.302 0.375 0.0       | 33.5 -14.8 32.6       | 35.8 114.4          | 0.292 0.35 0.089      | 33.4 -15.5 33.4                      | 36.9 114.9 1.0      | 100                   |
| 190 | Y50G_037_025da      | 0.25 0.375 0.125    | 0.375 0.25 0.25                  | 120                 | 0.357 0.375 0.124     | 33.4 -15.7 20.7       | 26.0 127.2          | 0.264 0.353 0.185     | 33.4 -16.5 21.0                      | 26.7 128.0 0.8      | 118                   |
| 191 | G00B_037_012da      | 0.25 0.375 0.25     | 0.375 0.125 0.312                | 150                 | 0.249 0.375 0.338     | 34.4 -8.0 2.5         | 8.4 162.2           | 0.279 0.353 0.32      | 34.4 -8.7 2.4                        | 9.1 164.6 0.7       | 193                   |
| 192 | G50B_037_012da      | 0.25 0.375 0.375    | 0.375 0.125 0.312                | 210                 | 0.249 0.361 0.375     | 33.7 -4.2 -3.2        | 5.3 216.9           | 0.281 0.34 0.351      | 33.6 -4.9 -3.4                       | 6.0 215.0 0.6       | 215                   |
| 193 | G75B_050_025da      | 0.25 0.375 0.5      | 0.5 0.25 0.375                   | 240                 | 0.249 0.44 0.5        | 41.3 -4.7 -9.9        | 10.9 244.3          | 0.321 0.419 0.472     | 41.3 -5.4 -10.1                      | 11.5 241.8 0.7      | 223                   |
| 194 | G84B_062_037da      | 0.25 0.375 0.625    | 0.625 0.375 0.437                | 251                 | 0.25 0.516 0.625      | 48.7 -4.7 -17.1       | 17.8 254.3          | 0.36 0.497 0.597      | 48.8 -5.2 -16.9                      | 17.7 252.7 0.5      | 226                   |
| 195 | G88B_075_050da      | 0.25 0.375 0.75     | 0.75 0.5 0.5                     | 256                 | 0.25 0.592 0.75       | 56.1 -4.7 -24.3       | 24.7 258.9          | 0.39 0.575 0.729      | 56.0 -5.0 -24.2                      | 24.8 258.2 0.3      | 227                   |
| 196 | G90B_087_062da      | 0.25 0.375 0.875    | 0.875 0.625 0.562                | 259                 | 0.25 0.68 0.875       | 63.5 -4.5 -31.4       | 31.7 261.6          | 0.418 0.657 0.865     | 63.3 -4.7 -31.6                      | 31.9 261.5 0.2      | 228                   |
| 197 | G92B_100_075da      | 0.25 0.375 1.0      | 1.0 0.75 0.625                   | 261                 | 0.25 0.744 1.0        | 70.9 -4.3 -38.5       | 38.7 263.5          | 0.446 0.741 1.0       | 70.7 -4.7 -38.0                      | 38.3 262.8 0.6      | 229                   |
| 198 | Y50G_050_050da      | 0.25 0.5 0.0        | 0.5 0.5 0.25                     | 120                 | 0.264 0.5 0.0         | 42.9 -31.5 41.4       | 52.0 127.2          | 0.273 0.472 0.095     | 43.0 -32.2 42.2                      | 53.1 127.3 0.1      | 118                   |
| 199 | Y68G_050_037da      | 0.25 0.5 0.125      | 0.5 0.375 0.312                  | 131                 | 0.124 0.5 0.227       | 43.3 -30.0 25.1       | 39.1 140.0          | 0.252 0.476 0.246     | 43.5 -30.0 25.3                      | 39.6 140.1 0.4      | 165                   |
| 200 | G00B_050_025da      | 0.25 0.5 0.25       | 0.5 0.25 0.375                   | 150                 | 0.249 0.5 0.426       | 45.1 -16.1 5.1        | 16.9 162.2          | 0.325 0.475 0.407     | 45.1 -16.8 5.0                       | 17.5 163.4 0.6      | 193                   |
| 201 | G25B_050_025da      | 0.25 0.5 0.375      | 0.5 0.25 0.375                   | 180                 | 0.249 0.5 0.487       | 45.4 -12.4 -2.1       | 12.6 189.6          | 0.329 0.474 0.461     | 45.5 -13.1 -2.2                      | 13.3 189.8 0.7      | 207                   |
| 202 | G50B_050_025da      | 0.25 0.5 0.5        | 0.5 0.25 0.375                   | 210                 | 0.249 0.472 0.5       | 43.6 -8.5 -6.4        | 10.7 216.9          | 0.324 0.448 0.471     | 43.6 -9.3 -6.6                       | 11.5 215.3 0.8      | 215                   |
| 203 | G65B_062_037da      | 0.25 0.5 0.625      | 0.625 0.375 0.437                | 229                 | 0.25 0.553 0.625      | 51.3 -9.4 -13.1       | 16.2 234.3          | 0.364 0.532 0.597     | 51.4 -9.9 -12.9                      | 16.3 232.5 0.5      | 220                   |
| 204 | G75B_075_050da      | 0.25 0.5 0.75       | 0.75 0.5 0.5                     | 240                 | 0.25 0.631 0.75       | 58.8 -9.5 -19.8       | 21.9 244.3          | 0.4 0.612 0.727       | 58.7 -9.5 -19.8                      | 22.0 244.2 0.1      | 223                   |
| 205 | G80B_087_062da      | 0.25 0.5 0.875      | 0.875 0.625 0.562                | 247                 | 0.25 0.706 0.875      | 66.1 -9.4 -27.0       | 28.6 250.7          | 0.425 0.695 0.863     | 66.0 -9.6 -27.1                      | 28.8 250.5 0.2      | 225                   |
| 206 | G84B_100_075da      | 0.25 0.5 1.0        | 1.0 0.75 0.625                   | 251                 | 0.25 0.782 1.0        | 73.6 -9.5 -34.3       | 35.6 254.3          | 0.446 0.781 1.0       | 73.4 -10.0 -33.8                     | 35.3 254.3 0.6      | 226                   |
| 207 | Y61G_062_062da      | 0.25 0.625 0.0      | 0.625 0.625 0.312                | 127                 | 0.082 0.625 0.0       | 52.3 -50.8 50.0       | 71.3 135.4          | 0.159 0.596 0.093     | 52.2 -51.3 50.6                      | 72.0 135.4 0.7      | 142                   |
| 208 | Y76G_062_050da      | 0.25 0.625 0.125    | 0.625 0.5 0.375                  | 136                 | 0.125 0.625 0.343     | 54.0 -38.0 25.7       | 45.9 145.9          | 0.272 0.599 0.344     | 53.9 -38.3 25.6                      | 46.1 146.2 0.3      | 175                   |
| 209 | G00B_062_037da      | 0.25 0.625 0.25     | 0.625 0.375 0.437                | 150                 | 0.25 0.625 0.514      | 55.7 -24.2 7.7        | 25.4 162.2          | 0.37 0.599 0.497      | 55.7 -24.1 7.4                       | 25.3 162.8 0.3      | 193                   |
| 210 | G15B_062_037da      | 0.25 0.625 0.375    | 0.625 0.375 0.437                | 169                 | 0.25 0.625 0.58 0.51  | -20.3 0.1 20.3        | 179.5               | 0.375 0.598 0.554     | 56.0 -20.4 0.0                       | 20.4 179.9 0.1      | 203                   |
| 211 | G34B_062_037da      | 0.25 0.625 0.5      | 0.625 0.375 0.437                | 191                 | 0.25 0.618 0.625 0.55 | -16.7 -5.9 17.7       | 199.6               | 0.379 0.591 0.595     | 55.8 -16.8 -5.9                      | 17.9 199.3 0.1      | 210                   |
| 212 | G50B_062_037da      | 0.25 0.625 0.625    | 0.625 0.375 0.437                | 210                 | 0.25 0.583 0.625 0.53 | -12.8 -9.6 16.0       | 216.9               | 0.371 0.559 0.595     | 53.4 -13.2 -9.5                      | 16.3 215.8 0.3      | 215                   |
| 213 | G61B_075_050da      | 0.25 0.625 0.75     | 0.75 0.5 0.5                     | 224                 | 0.25 0.664 0.75 61.2  | -13.8 -16.3 21.4      | 229.7               | 0.399 0.645 0.728     | 61.0 -13.9 -16.4                     | 21.5 229.6 0.2      | 219                   |
| 214 | G69B_087_062da      | 0.25 0.625 0.875    | 0.875 0.625 0.562                | 233                 | 0.25 0.745 0.875 68.9 | -14.4 -23.0 27.1      | 237.9               | 0.425 0.734 0.864     | 68.7 -14.5 -23.1                     | 27.3 237.7 0.2      | 221                   |
| 215 | G75B_100_075da      | 0.25 0.625 1.0      | 1.0 0.75 0.625                   | 240                 | 0.25 0.822 1.0 76.3   | -14.2 -29.7 32.9      | 244.3               | 0.457 0.821 1.0       | 76.2 -14.6 -29.4                     | 32.9 243.6 0.4      | 223                   |
| 216 | Y68G_075_075da      | 0.25 0.75 0.0       | 0.75 0.75 0.375                  | 131                 | 0.0 0.75 0.204        | 62.8 -60.1 50.2       | 78.3 140.0          | 0.129 0.726 0.217     | 62.8 -60.2 50.6                      | 78.6 139.9 0.3      | 165                   |
| 217 | Y81G_075_062da      | 0.25 0.75 0.125     | 0.75 0.625 0.437                 | 139                 | 0.125 0.75 0.445      | 64.6 -45.8 27.1       | 53.2 149.4          | 0.294 0.729 0.441     | 64.5 -46.1 26.8                      | 53.4 149.7 0.3      | 180                   |
| 218 | G00B_075_050da      | 0.25 0.75 0.25      | 0.75 0.5 0.5                     | 150                 | 0.25 0.75 0.603       | 66.4 -32.3 10.3       | 33.9 162.2          | 0.404 0.73 0.587      | 66.3 -32.5 10.3                      | 34.1 162.4 0.2      | 193                   |
| 219 | G11B_075_050da      | 0.25 0.75 0.375     | 0.75 0.5 0.5                     | 164                 | 0.25 0.75 0.669       | 66.7 -28.5 2.4        | 28.6 175.0          | 0.409 0.729 0.649     | 66.6 -28.7 2.5                       | 28.8 174.9 0.1      | 201                   |
| 220 | G25B_075_050da      | 0.25 0.75 0.5       | 0.75 0.5 0.5                     | 180                 | 0.25 0.75 0.725       | 68.1 -24.9 -4.2       | 25.3 189.6          | 0.413 0.728 0.703     | 67.0 -25.1 -4.2                      | 25.5 189.4 0.2      | 207                   |
| 221 | G38B_075_050da      | 0.25 0.75 0.625     | 0.75 0.5 0.5                     | 196                 | 0.25 0.729 0.75 65.8  | -21.0 -9.4 23.0       | 204.2               | 0.411 0.708 0.727     | 65.6 -21.2 -9.4                      | 23.2 204.0 0.2      | 212                   |
| 222 | G50B_075_050da      | 0.25 0.75 0.75      | 0.75 0.5 0.5                     | 210                 | 0.25 0.695 0.75 63.3  | -17.1 -12.8 21.4      | 216.9               | 0.408 0.674 0.726     | 63.2 -17.3 -12.9                     | 21.6 216.8 0.2      | 215                   |
| 223 | G59B_087_062da      | 0.25 0.75 0.875     | 0.875 0.625 0.562                | 221                 | 0.25 0.776 0.875 71.1 | -18.1 -19.5 26.6      | 227.0               | 0.                    |                                      |                     |                       |

http://farbe.li.tu-berlin.de/PI32/PI32L0FP.PDF /.PS; linearizzazione 3D  
F: linearizzazione 3D PI32/PI32LI30FP.DAT nel file (F), pagine 8/18

| 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> | rgb*F <sub>de</sub> | LabCh*F <sub>de</sub> | DE*F <sub>de</sub> hsi <sub>de</sub> | rgb* <sub>Mde</sub> | LabCh* <sub>Mde</sub> |                  |             |       |
|-----|----------------------------|---------------------|---------------------|---------------------|---------------------|-----------------------|---------------------|-----------------------|--------------------------------------|---------------------|-----------------------|------------------|-------------|-------|
| 243 | R00Y_037_037 <sub>de</sub> | 0.375 0.0 0.0       | 0.375 0.375 0.187   | 390                 | 0.375 0.0 0.098     | 19.0 29.3 13.9        | 32.5 25.4           | 0.363 0.092 0.113     | 18.7 30.3 14.0                       | 33.4 24.7 1.0       | 375 0.0 0.263         | 50.9 78.3 37.3   | 86.7 25.4   |       |
| 244 | R18Y_037_037 <sub>de</sub> | 0.375 0.0 0.125     | 0.375 0.375 0.187   | 371                 | 0.375 0.0 0.182     | 19.4 30.4 2.2         | 30.5 4.3            | 0.358 0.096 0.188     | 19.1 31.2 1.6                        | 31.2 2.9 1.0        | 360 0.0 0.486         | 51.9 81.1 6.1    | 81.3 4.3    |       |
| 245 | B65R_037_037 <sub>de</sub> | 0.375 0.0 0.25      | 0.375 0.375 0.187   | 349                 | 0.375 0.0 0.257     | 20.1 32.0 -7.6        | 32.9 346.6          | 0.358 0.098 0.252     | 19.8 33.0 -8.2                       | 34.0 346.0 1.1      | 347 0.0 0.686         | 53.6 85.5 -20.3  | 87.9 346.6  |       |
| 246 | B50R_037_037 <sub>de</sub> | 0.375 0.0 0.375     | 0.375 0.375 0.187   | 330                 | 0.375 0.0 0.371     | 21.4 35.3 -21.5       | 41.3 328.6          | 0.355 0.106 0.351     | 21.1 35.8 -22.2                      | 42.2 328.2 0.9      | 330 1.0 0.991         | 57.1 94.1 -57.4  | 110.3 328.6 |       |
| 247 | B38R_050_050 <sub>de</sub> | 0.375 0.0 0.5       | 0.5 0.5 0.25        | 316                 | 0.319 0.0 0.5       | 21.6 41.4 -40.9       | 58.2 315.3          | 0.317 0.085 0.473     | 21.1 42.4 -42.1                      | 59.8 315.2 1.6      | 309 0.638 0.0 1.0     | 43.2 82.9 -81.9  | 116.5 315.3 |       |
| 248 | B30R_062_062 <sub>de</sub> | 0.375 0.0 0.625     | 0.625 0.625 0.312   | 307                 | 0.091 0.0 0.625     | 19.5 47.7 -63.7       | 79.6 306.8          | 0.166 0.055 0.596     | 18.9 48.7 -64.6                      | 80.9 306.9 1.4      | 277 0.145 0.0 1.0     | 31.2 76.3 -102.0 | 127.4 306.8 |       |
| 249 | B25R_075_075 <sub>de</sub> | 0.375 0.0 0.75      | 0.75 0.75 0.375     | 300                 | 0.0 0.202 0.75      | 28.6 39.5 -68.0       | 78.7 300.1          | 0.12 0.206 0.727      | 28.3 39.9 -68.4                      | 79.2 300.2 0.6      | 254 0.0 0.27 1.0      | 38.2 52.7 -90.7  | 104.1 300.1 |       |
| 250 | B20R_087_087 <sub>de</sub> | 0.375 0.0 0.875     | 0.875 0.875 0.437   | 295                 | 0.0 0.318 0.875     | 37.8 34.2 -72.0       | 79.7 295.4          | 0.061 0.318 0.861     | 37.6 34.0 -72.3                      | 79.9 295.2 0.3      | 248 0.0 0.364 1.0     | 43.2 39.1 -82.3  | 91.1 295.4  |       |
| 251 | B18R_100_100 <sub>de</sub> | 0.375 0.0 1.0       | 1.0 1.0 0.5         | 292                 | 0.0 0.404 1.0       | 45.7 32.7 -78.6       | 85.1 292.5          | 0.0 0.407 1.0         | 45.8 32.6 -78.0                      | 84.5 292.7 0.6      | 246 0.0 0.404 1.0     | 45.7 32.7 -78.6  | 85.1 292.5  |       |
| 252 | R31Y_037_037 <sub>de</sub> | 0.375 0.125 0.0     | 0.375 0.375 0.187   | 49                  | 0.375 0.108 0.0     | 20.7 23.6 25.0        | 34.4 46.6           | 0.364 0.138 0.042     | 20.6 23.8 26.4                       | 35.6 47.8 1.3       | 46 1.0 0.29 0.0       | 55.4 63.0 66.8   | 91.8 46.6   |       |
| 253 | R00Y_037_025 <sub>de</sub> | 0.375 0.125 0.125   | 0.375 0.25 0.25     | 390                 | 0.375 0.124 0.19    | 24.6 19.5 9.3         | 21.6 25.4           | 0.368 0.189 0.189     | 24.3 19.8 8.9                        | 21.7 24.2 0.5       | 375 1.0 0.0 0.263     | 50.9 78.3 37.3   | 86.7 25.4   |       |
| 254 | R00Y_037_025 <sub>de</sub> | 0.375 0.125 0.25    | 0.375 0.25 0.25     | 360                 | 0.375 0.124 0.279   | 25.1 20.9 -2.9        | 21.1 352.0          | 0.361 0.193 0.27      | 24.8 21.3 -3.5                       | 21.6 350.6 0.7      | 352 1.0 0.0 0.617     | 52.9 83.6 -11.6  | 84.4 352.0  |       |
| 255 | B50R_037_025 <sub>de</sub> | 0.375 0.125 0.375   | 0.375 0.25 0.25     | 330                 | 0.375 0.124 0.372   | 26.2 23.5 -14.3       | 27.5 328.6          | 0.357 0.199 0.351     | 25.9 23.9 -15.0                      | 28.2 327.7 0.8      | 330 1.0 0.0 0.991     | 57.1 94.1 -57.4  | 110.3 328.6 |       |
| 256 | B34R_050_037 <sub>de</sub> | 0.375 0.125 0.5     | 0.5 0.375 0.312     | 311                 | 0.291 0.124 0.5     | 25.8 29.6 -34.5       | 45.5 310.5          | 0.313 0.185 0.476     | 25.4 30.0 -35.5                      | 46.5 310.2 1.1      | 296 0.444 0.0 1.0     | 37.0 79.0 -92.2  | 121.5 310.5 |       |
| 257 | B25R_062_050 <sub>de</sub> | 0.375 0.125 0.625   | 0.625 0.5 0.375     | 300                 | 0.125 0.26 0.625    | 31.0 26.3 -45.3       | 52.4 300.1          | 0.276 0.258 0.599     | 30.9 26.0 -45.4                      | 52.3 299.8 0.3      | 254 0.0 0.27 1.0      | 38.2 52.7 -90.7  | 104.9 300.1 |       |
| 258 | B19R_075_062 <sub>de</sub> | 0.375 0.125 0.75    | 0.75 0.625 0.437    | 293                 | 0.125 0.37 0.75     | 40.0 21.7 -49.8       | 54.3 293.5          | 0.289 0.36 0.729      | 39.9 21.3 -49.8                      | 54.2 293.1 0.3      | 247 0.0 0.392 1.0     | 44.9 34.7 -79.7  | 86.9 293.5  |       |
| 259 | B15R_087_075 <sub>de</sub> | 0.375 0.125 0.875   | 0.875 0.75 0.5      | 289                 | 0.125 0.455 0.875   | 47.9 20.2 -56.2       | 59.8 289.7          | 0.296 0.448 0.866     | 47.8 19.7 -56.3                      | 59.6 289.3 0.4      | 243 0.0 0.44 1.0      | 47.9 26.9 -75.0  | 79.7 289.7  |       |
| 260 | B13R_100_087 <sub>de</sub> | 0.375 0.125 1.0     | 1.0 0.875 0.562     | 286                 | 0.125 0.541 1.0     | 55.9 18.9 -62.2       | 65.0 286.9          | 0.307 0.537 1.0       | 55.8 18.1 -61.7                      | 64.3 286.3 0.9      | 241 0.0 0.476 1.0     | 50.2 21.6 -71.1  | 74.3 286.9  |       |
| 261 | R68Y_037_037 <sub>de</sub> | 0.375 0.25 0.0      | 0.375 0.375 0.187   | 71                  | 0.375 0.234 0.0     | 26.3 9.6 28.1         | 29.7 71.1           | 0.358 0.232 0.067     | 26.1 9.6 29.2                        | 30.7 71.7 1.0       | 68 1.0 0.626 0.0      | 70.1 25.6 75.1   | 79.3 71.1   |       |
| 262 | R50Y_037_025 <sub>de</sub> | 0.375 0.25 0.125    | 0.375 0.25 0.25     | 60                  | 0.375 0.246 0.124   | 27.7 10.6 17.7        | 20.6 58.8           | 0.367 0.245 0.161     | 27.6 10.5 17.8                       | 20.7 59.3 0.1       | 59 1.0 0.487 0.0      | 63.1 42.7 70.8   | 82.7 58.8   |       |
| 263 | R00Y_037_012 <sub>de</sub> | 0.375 0.25 0.25     | 0.375 0.125 0.312   | 390                 | 0.375 0.249 0.282   | 30.2 9.7 4.6          | 10.8 25.5           | 0.366 0.273 0.268     | 30.1 9.6 4.5                         | 10.6 25.2 0.2       | 375 1.0 0.0 0.263     | 50.9 78.3 37.3   | 86.7 25.4   |       |
| 264 | B50R_037_012 <sub>de</sub> | 0.375 0.25 0.375    | 0.375 0.125 0.312   | 330                 | 0.375 0.249 0.373   | 31.0 11.7 -7.1        | 13.7 328.6          | 0.355 0.279 0.351     | 30.9 11.5 -7.4                       | 13.7 326.9 0.4      | 330 1.0 0.0 0.991     | 57.1 94.1 -57.4  | 110.3 328.6 |       |
| 265 | B25R_050_025 <sub>de</sub> | 0.375 0.25 0.5      | 0.5 0.25 0.375      | 300                 | 0.249 0.317 0.5     | 33.4 13.1 -22.6       | 26.2 300.1          | 0.327 0.304 0.476     | 33.2 12.7 -23.1                      | 26.4 298.8 0.6      | 254 0.0 0.27 1.0      | 38.2 52.7 -90.7  | 104.9 300.1 |       |
| 266 | B15R_062_037 <sub>de</sub> | 0.375 0.25 0.625    | 0.625 0.375 0.437   | 289                 | 0.25 0.415 0.625    | 41.8 10.1 -28.1       | 29.9 289.7          | 0.362 0.398 0.6       | 41.8 9.6 -28.0                       | 29.6 288.9 0.4      | 243 0.0 0.44 1.0      | 47.9 26.9 -75.0  | 79.7 289.7  |       |
| 267 | B11R_075_050 <sub>de</sub> | 0.375 0.25 0.75     | 0.75 0.5 0.5        | 284                 | 0.25 0.5 0.75       | 49.7 9.1 -34.1        | 35.3 285.0          | 0.399 0.483 0.728     | 49.7 8.6 -33.9                       | 35.0 284.3 0.5      | 239 0.0 0.5 1.0       | 51.8 18.3 -68.3  | 70.7 285.0  |       |
| 268 | B09R_087_062 <sub>de</sub> | 0.375 0.25 0.875    | 0.875 0.625 0.562   | 281                 | 0.25 0.577 0.875    | 57.2 8.9 -41.3        | 42.3 282.1          | 0.423 0.563 0.866     | 57.1 8.6 -41.4                       | 42.3 281.8 0.2      | 238 0.0 0.523 1.0     | 53.3 14.2 -66.1  | 67.7 282.1  |       |
| 269 | B07R_100_075 <sub>de</sub> | 0.375 0.25 1.0      | 1.0 0.75 0.625      | 279                 | 0.25 0.654 1.0      | 64.6 8.7 -48.4        | 49.2 280.2          | 0.477 0.646 1.0       | 64.4 8.2 -47.8                       | 48.5 279.8 0.8      | 237 0.0 0.539 1.0     | 54.4 11.7 -64.6  | 65.6 280.2  |       |
| 270 | Y00G_037_037 <sub>de</sub> | 0.375 0.375 0.0     | 0.375 0.375 0.187   | 90                  | 0.375 0.321 0.0     | 31.3 -1.2 31.6        | 31.7 92.3           | 0.354 0.305 0.081     | 31.3 -1.7 32.6                       | 32.6 93.0 1.0       | 82 1.0 0.856 0.0      | 83.7 -3.4 84.5   | 84.5 92.3   |       |
| 271 | Y00G_037_025 <sub>de</sub> | 0.375 0.375 0.125   | 0.375 0.25 0.25     | 90                  | 0.375 0.339 0.124   | 32.8 -0.8 21.1        | 21.1 92.3           | 0.357 0.319 0.18      | 32.7 -0.4 21.3                       | 21.3 93.7 0.6       | 82 1.0 0.856 0.0      | 83.7 -3.4 84.5   | 84.5 92.3   |       |
| 272 | Y00G_037_012 <sub>de</sub> | 0.375 0.375 0.25    | 0.375 0.125 0.312   | 90                  | 0.375 0.357 0.249   | 34.3 -0.4 10.5        | 10.5 92.3           | 0.356 0.334 0.267     | 34.2 -0.8 10.4                       | 10.4 94.5 0.4       | 82 1.0 0.856 0.0      | 83.7 -3.4 84.5   | 84.5 92.3   |       |
| 273 | NW_037 <sub>de</sub>       | 0.375 0.375 0.375   | 0.375 0.0 0.375     | 360                 | 0.375 0.375 0.375   | 35.7 0.0 0.0          | 0.0 0.0             | 0.345 0.35 0.35       | 35.7 -0.4 -0.2                       | 0.5 205.6 0.5       | 360 1.0 1.0 1.0       | 95.4 0.0 0.0     | 0.0 0.0     |       |
| 274 | B00R_050_012 <sub>de</sub> | 0.375 0.375 0.5     | 0.5 0.125 0.437     | 270                 | 0.375 0.451 0.5     | 43.1 0.2 -7.0         | 7.0 271.7           | 0.396 0.426 0.472     | 43.2 -0.2 -7.2                       | 7.2 268.3 0.4       | 232 0.0 0.609 1.0     | 59.2 1.7 -56.6   | 56.6 271.7  |       |
| 275 | B00R_062_025 <sub>de</sub> | 0.375 0.375 0.625   | 0.625 0.25 0.5      | 270                 | 0.375 0.527 0.625   | 50.5 0.4 -14.1        | 14.1 271.7          | 0.445 0.504 0.597     | 50.6 0.0 -14.0                       | 14.0 270.1 0.4      | 232 0.0 0.609 1.0     | 59.2 1.7 -56.6   | 56.6 271.7  |       |
| 276 | B00R_075_037 <sub>de</sub> | 0.375 0.375 0.75    | 0.75 0.375 0.562    | 270                 | 0.375 0.603 0.75    | 57.9 0.6 -21.2        | 21.2 271.7          | 0.487 0.582 0.728     | 57.9 0.4 -21.2                       | 21.2 271.3 0.1      | 232 0.0 0.609 1.0     | 59.2 1.7 -56.6   | 56.6 271.7  |       |
| 277 | B00R_087_050 <sub>de</sub> | 0.375 0.375 0.875   | 0.875 0.5 0.625     | 270                 | 0.375 0.679 0.875   | 65.4 0.8 -28.3        | 28.3 271.7          | 0.527 0.664 0.864     | 65.2 0.8 -28.4                       | 28.4 271.6 0.2      | 232 0.0 0.609 1.0     | 59.2 1.7 -56.6   | 56.6 271.7  |       |
| 278 | B00R_100_062 <sub>de</sub> | 0.375 0.375 1.0     | 1.0 0.625 0.687     | 270                 | 0.375 0.755 1.0     | 72.8 1.0 -35.3        | 35.3 271.7          | 0.564 0.748 1.0       | 72.6 0.7 -34.9                       | 34.9 271.5 0.5      | 232 0.0 0.609 1.0     | 59.2 1.7 -56.6   | 56.6 271.7  |       |
| 279 | Y23G_050_050 <sub>de</sub> | 0.375 0.5 0.0       | 0.5 0.5 0.25        | 104                 | 0.453 0.5 0.0       | 45.5 -14.9 44.4       | 46.9 108.6          | 0.432 0.47 0.099      | 45.5 -15.4 45.1                      | 47.7 108.8 0.8      | 94 0.906 1.0 0.0      | 91.0 -29.9       | 88.9 93.8   | 108.6 |
| 280 | Y31G_050_037 <sub>de</sub> | 0.375 0.5 0.125     | 0.5 0.375 0.312     | 109                 | 0.427 0.5 0.124     | 45.4 -14.8 32.6       | 35.8 114.4          | 0.416 0.471 0.209     | 45.4 -15.4 33.1                      | 36.5 114.9 0.7      | 100 0.806 1.0 0.0     | 89.4 -39.5       | 87.0 95.6   | 114.4 |
| 281 | Y50G_050_025 <sub>de</sub> | 0.375 0.5 0.25      | 0.5 0.25 0.375      | 120                 | 0.382 0.5 0.249     | 45.3 -15.7 20.7       | 26.0 127.2          | 0.384 0.474 0.299     | 45.4 -16.2 20.8                      | 26.4 127.9 0.5      | 118 0.528 1.0 0.0     | 85.9 -63.0       | 82.8 104.1  | 127.2 |
| 282 | G00B_050_012 <sub>de</sub> | 0.375 0.5 0.375     | 0.5 0.125 0.437     | 150                 | 0.375 0.5 0.463     | 46.4 -8.0 2.5         | 8.4 162.2           | 0.399 0.474 0.438     | 46.4 -8.5 2.4                        | 8.9 163.9 0.5       | 193 0.0 1.0 0.706     | 85.1 -64.6       | 20.7 67.9   | 162.2 |
| 283 | G50B_050_012 <sub>de</sub> | 0.375 0.5 0.5       | 0.5 0.125 0.437     | 210                 | 0.375 0.486 0.5     | 45.6 -4.2 -3.2        | 5.3 216.9           | 0.4 0.459 0.471       | 45.7 -4.7 -3.3                       | 5.8 215.5 0.4       | 215 0.0 0.89 1.0      | 79.0 -34.2       | -25.7 42.8  | 216.9 |
| 284 | G75B_062_025 <sub>de</sub> | 0.375 0.5 0.625     | 0.625 0.25 0.5      | 240                 | 0.375 0.565 0.625   | 53.2 -4.7 -9.9        | 10.9 244.3          | 0.445 0.541 0.595     | 53.2 -5.2 -9.8                       | 11.1 242.0 0.4      | 223 0.0 0.763 1.0     | 70.0 -19.0       | -39.6 43.9  | 244.3 |
| 285 | G84B_075_037 <sub>de</sub> | 0.375 0.5 0.75      | 0.75 0.375 0.562    | 251                 | 0.375 0.641 0.75    | 60.6 -4.7 -17.1       | 17.8 254.3          | 0.489 0.62 0.728      | 60.5 -4.6 -17.2                      | 17.8 254.7 0.1      | 226 0.0 0.71 1.0      | 66.3 -12.7       | -45.7 47.4  | 254.3 |
| 286 | G88B_087_050 <sub>de</sub> | 0.375 0.5 0.875     | 0.875 0.5 0.625     | 256                 | 0.375 0.717 0.875   | 68.0 -4.7 -24.3       | 24.7 258.9          | 0.524 0.704 0.865     | 67.9 -4.7 -24.4                      | 24.9 258.9 0.1      | 227 0.0 0.685 1.0     | 64.5 -9.4        | -48.6 49.5  | 258.9 |
| 287 | G90B_100_062 <sub>de</sub> | 0.375 0.5 1.0       | 1.0 0.625 0.687     | 259                 | 0.375 0.793 1.0     | 75.4 -4.5 -31.4       | 31.7 261.6          | 0.558 0.79 1.0        | 75.2 -5.1 -30.9                      | 31.3 260.5 0.7      | 228 0.0 0.67 1.0      | 63.4 -7.3        | -50.3 50.8  | 261.6 |
| 288 | Y38G_062_062 <sub>de</sub> | 0.375 0.625 0.0     | 0.625 0.625 0.312   | 113                 | 0.449 0.625 0.0     | 55.0 -29.7 53.4       | 61.1 119.1          | 0.439 0.594 0.096     | 54.9 -29.9 53.9                      | 61.6 119.0 0.5      | 105 0.719 1.0 0.0     | 88.1 -47.6       | 85.4 97.8   | 119.1 |
| 289 | Y50G_062_050 <sub>de</sub> | 0.375 0.625 0.125   | 0.625 0.5 0.375     | 120                 | 0.389 0.625 0.125   | 54.9 -31.5 41.4       | 52.0 127.2          | 0.402 0.597 0.226     | 54.8 -31.7 41.6                      | 52.3 127.3 0.2      | 118 0.528 1.0 0.0     | 85.9 -63.0       | 82.8 104.1  | 127.2 |
| 290 | Y68G_062_037 <sub>de</sub> | 0.375 0.625 0.25    | 0.625 0.375 0.437   | 131                 | 0.25 0.625 0.352    | 55.2 -30.0 25.1       | 39.1 140.0          | 0.377 0.6 0.363       | 55.2 -30.0 25.0                      | 39.0 140.1 0.1      | 165 0.0 1.0 0.273     | 83.8 -80.1       | 67.0 104.0  | 140.0 |
| 291 | G00B_062_025 <sub>de</sub> | 0.375 0.625 0.375   | 0.625 0.25 0.5      |                     |                     |                       |                     |                       |                                      |                     |                       |                  |             |       |

http://farbe.li.tu-berlin.de/PI32/PI32L0FP.PDF /.PS; linearizzazione 3D  
F: linearizzazione 3D PI32/PI32LI30FP.DAT nel file (F), pagine 9/18

| 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> | rgb*F <sub>de</sub> | LabCh*F <sub>de</sub> | DE*F <sub>de</sub> hsi <sub>de</sub> | rgb*F <sub>de</sub> | LabCh*F <sub>de</sub> |      |      |       |       |       |       |       |       |      |      |       |       |       |     |     |       |       |       |      |      |        |       |       |
|-----|---------------------|---------------------|----------------------------------|---------------------|---------------------|-----------------------|---------------------|-----------------------|--------------------------------------|---------------------|-----------------------|------|------|-------|-------|-------|-------|-------|-------|------|------|-------|-------|-------|-----|-----|-------|-------|-------|------|------|--------|-------|-------|
| 324 | R00Y_050_050a       | 0.5                 | 0.0                              | 0.5                 | 0.5                 | 0.25                  | 390                 | 0.5                   | 0.0                                  | 0.131               | 25.4                  | 39.1 | 18.6 | 43.3  | 25.4  | 0.482 | 0.102 | 0.144 | 25.2  | 39.8 | 18.4 | 43.9  | 24.8  | 0.7   | 375 | 1.0 | 0.0   | 0.263 | 50.9  | 78.3 | 37.3 | 86.7   | 25.4  |       |
| 325 | R26Y_050_050a       | 0.5                 | 0.0                              | 0.125               | 0.5                 | 0.5                   | 0.25                | 376                   | 0.5                                  | 0.0                 | 0.214                 | 25.8 | 40.2 | 7.0   | 40.8  | 9.8   | 0.48  | 0.104 | 0.218 | 25.6 | 40.9 | 6.7   | 41.4  | 9.3   | 0.7 | 364 | 1.0   | 0.0   | 0.429 | 51.6 | 80.5 | 14.0   | 81.7  | 9.8   |
| 326 | R00Y_050_050a       | 0.5                 | 0.0                              | 0.25                | 0.5                 | 0.5                   | 0.25                | 360                   | 0.5                                  | 0.0                 | 0.308                 | 26.4 | 41.8 | -5.8  | 42.2  | 352.0 | 0.476 | 0.11  | 0.304 | 26.3 | 42.2 | -6.3  | 42.7  | 351.5 | 0.6 | 352 | 1.0   | 0.0   | 0.617 | 52.9 | 83.6 | -11.6  | 84.4  | 352.0 |
| 327 | B61R_050_050a       | 0.5                 | 0.0                              | 0.375               | 0.5                 | 0.5                   | 0.25                | 344                   | 0.5                                  | 0.0                 | 0.373                 | 27.0 | 43.3 | -14.1 | 45.6  | 341.8 | 0.476 | 0.113 | 0.361 | 27.0 | 43.7 | -14.5 | 46.1  | 341.6 | 0.5 | 344 | 1.0   | 0.0   | 0.747 | 54.1 | 86.7 | -28.3  | 91.2  | 341.8 |
| 328 | B50R_050_050a       | 0.5                 | 0.0                              | 0.5                 | 0.5                 | 0.5                   | 0.25                | 330                   | 0.5                                  | 0.0                 | 0.495                 | 28.5 | 47.0 | -28.7 | 55.1  | 328.6 | 0.475 | 0.121 | 0.469 | 28.5 | 47.2 | -29.1 | 55.4  | 328.3 | 0.4 | 330 | 1.0   | 0.0   | 0.991 | 57.1 | 94.1 | -57.4  | 110.3 | 328.6 |
| 329 | B40R_062_062a       | 0.5                 | 0.0                              | 0.625               | 0.625               | 0.625                 | 0.312               | 319                   | 0.455                                | 0.0                 | 0.625                 | 29.0 | 53.3 | -47.7 | 71.5  | 318.1 | 0.446 | 0.093 | 0.569 | 28.7 | 53.9 | -48.2 | 72.4  | 318.2 | 0.8 | 314 | 1.0   | 0.0   | 0.747 | 54.1 | 86.7 | -28.3  | 91.2  | 318.1 |
| 330 | B34R_075_075a       | 0.5                 | 0.0                              | 0.75                | 0.75                | 0.75                  | 0.375               | 311                   | 0.333                                | 0.0                 | 0.75                  | 27.8 | 59.3 | -69.1 | 91.1  | 310.5 | 0.344 | 0.058 | 0.726 | 27.4 | 60.0 | -69.7 | 92.0  | 310.7 | 1.0 | 296 | 0.444 | 0.0   | 1.0   | 37.0 | 79.0 | -92.2  | 121.5 | 310.5 |
| 331 | B29R_087_087a       | 0.5                 | 0.0                              | 0.875               | 0.875               | 0.875                 | 0.437               | 305                   | 0.0                                  | 0.102               | 0.875                 | 28.3 | 61.2 | -87.7 | 107.0 | 304.9 | 0.093 | 0.112 | 0.861 | 28.0 | 61.5 | -88.1 | 107.4 | 304.9 | 0.4 | 263 | 0.0   | 0.116 | 1.0   | 32.3 | 70.0 | -100.3 | 122.3 | 304.9 |
| 332 | B25R_100_100a       | 0.5                 | 0.0                              | 1.0                 | 1.0                 | 1.0                   | 0.5                 | 300                   | 0.0                                  | 0.27                | 1.0                   | 38.2 | 52.7 | -90.7 | 104.9 | 300.1 | 0.0   | 0.272 | 1.0   | 38.2 | 52.8 | -90.5 | 104.8 | 300.2 | 0.2 | 254 | 0.0   | 0.27  | 1.0   | 38.2 | 52.7 | -90.7  | 104.9 | 300.1 |
| 333 | R23Y_050_050a       | 0.5                 | 0.125                            | 0.0                 | 0.5                 | 0.5                   | 0.25                | 44                    | 0.5                                  | 0.051               | 0.0                   | 25.6 | 37.2 | 32.4  | 49.3  | 41.0  | 0.484 | 0.119 | 0.039 | 25.6 | 37.5 | 33.6  | 50.4  | 41.8  | 1.2 | 35  | 1.0   | 0.102 | 0.0   | 51.3 | 74.4 | 64.8   | 98.7  | 41.0  |
| 334 | R00Y_050_037a       | 0.5                 | 0.125                            | 0.125               | 0.5                 | 0.375                 | 0.312               | 390                   | 0.5                                  | 0.124               | 0.223                 | 31.0 | 29.3 | 13.9  | 32.5  | 25.4  | 0.494 | 0.214 | 0.219 | 30.8 | 29.8 | 13.7  | 32.9  | 24.7  | 0.5 | 375 | 1.0   | 0.0   | 0.263 | 50.9 | 78.3 | 37.3   | 86.7  | 25.4  |
| 335 | R18Y_050_037a       | 0.5                 | 0.125                            | 0.25                | 0.5                 | 0.375                 | 0.312               | 371                   | 0.5                                  | 0.124               | 0.307                 | 31.4 | 30.4 | 2.2   | 30.5  | 4.3   | 0.487 | 0.217 | 0.298 | 31.2 | 30.8 | 1.8   | 30.9  | 3.3   | 0.6 | 360 | 1.0   | 0.0   | 0.486 | 51.9 | 81.1 | 6.1    | 81.3  | 4.3   |
| 336 | B65R_050_037a       | 0.5                 | 0.125                            | 0.375               | 0.5                 | 0.375                 | 0.312               | 349                   | 0.5                                  | 0.124               | 0.382                 | 32.0 | 32.0 | -7.6  | 32.9  | 346.6 | 0.485 | 0.221 | 0.367 | 31.8 | 32.6 | -8.0  | 33.6  | 346.0 | 0.7 | 347 | 1.0   | 0.0   | 0.686 | 53.6 | 85.5 | -20.3  | 87.9  | 346.6 |
| 337 | B50R_050_037a       | 0.5                 | 0.125                            | 0.5                 | 0.5                 | 0.375                 | 0.312               | 330                   | 0.5                                  | 0.124               | 0.496                 | 33.3 | 35.0 | -21.5 | 41.3  | 328.6 | 0.481 | 0.229 | 0.471 | 33.2 | 35.6 | -22.0 | 41.9  | 328.2 | 0.6 | 330 | 1.0   | 0.0   | 0.991 | 57.1 | 94.1 | -57.4  | 110.3 | 328.6 |
| 338 | B38R_062_050a       | 0.5                 | 0.125                            | 0.625               | 0.625               | 0.5                   | 0.375               | 316                   | 0.444                                | 0.125               | 0.625                 | 33.5 | 41.4 | -40.9 | 58.2  | 315.3 | 0.448 | 0.216 | 0.598 | 33.2 | 41.8 | -41.3 | 58.8  | 315.3 | 0.6 | 309 | 0.638 | 0.0   | 1.0   | 43.2 | 82.9 | -81.9  | 116.5 | 315.3 |
| 339 | B30R_075_062a       | 0.5                 | 0.125                            | 0.75                | 0.75                | 0.625                 | 0.437               | 307                   | 0.216                                | 0.125               | 0.75                  | 31.4 | 47.7 | -63.7 | 79.6  | 306.8 | 0.327 | 0.187 | 0.73  | 31.0 | 48.1 | -64.3 | 80.4  | 306.8 | 0.8 | 277 | 0.145 | 0.0   | 1.0   | 31.2 | 76.3 | -102.0 | 127.4 | 306.8 |
| 340 | B25R_087_075a       | 0.5                 | 0.125                            | 0.875               | 0.875               | 0.75                  | 0.5                 | 300                   | 0.125                                | 0.327               | 0.875                 | 40.6 | 39.5 | -68.0 | 78.7  | 300.1 | 0.313 | 0.321 | 0.865 | 40.3 | 39.5 | -68.3 | 78.9  | 300.0 | 0.4 | 254 | 0.0   | 0.27  | 1.0   | 38.2 | 52.7 | -90.7  | 104.9 | 300.1 |
| 341 | B20R_100_087a       | 0.5                 | 0.125                            | 1.0                 | 1.0                 | 0.875                 | 0.562               | 295                   | 0.125                                | 0.443               | 1.0                   | 49.7 | 34.2 | -72.0 | 79.7  | 295.4 | 0.319 | 0.436 | 1.0   | 49.6 | 33.5 | -71.7 | 79.1  | 295.1 | 0.7 | 248 | 0.0   | 0.364 | 1.0   | 43.2 | 39.1 | -82.3  | 91.1  | 295.4 |
| 342 | R50Y_050_050a       | 0.5                 | 0.25                             | 0.0                 | 0.5                 | 0.5                   | 0.25                | 60                    | 0.5                                  | 0.243               | 0.0                   | 31.5 | 21.3 | 35.4  | 41.3  | 58.8  | 0.48  | 0.247 | 0.061 | 31.5 | 21.4 | 36.4  | 42.2  | 59.4  | 0.9 | 59  | 1.0   | 0.487 | 0.0   | 63.1 | 42.7 | 70.8   | 82.7  | 58.8  |
| 343 | R31Y_050_037a       | 0.5                 | 0.25                             | 0.125               | 0.5                 | 0.375                 | 0.312               | 49                    | 0.5                                  | 0.233               | 0.124                 | 32.7 | 23.6 | 25.0  | 34.4  | 46.6  | 0.496 | 0.253 | 0.159 | 32.7 | 23.6 | 25.3  | 34.6  | 46.9  | 0.2 | 46  | 1.0   | 0.29  | 0.0   | 55.4 | 63.0 | 66.8   | 91.8  | 46.6  |
| 344 | R00Y_050_025a       | 0.5                 | 0.25                             | 0.25                | 0.5                 | 0.25                  | 0.375               | 390                   | 0.5                                  | 0.249               | 0.315                 | 36.5 | 19.5 | 9.3   | 21.6  | 25.5  | 0.497 | 0.305 | 0.3   | 36.5 | 19.6 | 9.1   | 21.6  | 25.0  | 0.1 | 375 | 1.0   | 0.0   | 0.263 | 50.9 | 78.3 | 37.3   | 86.7  | 25.4  |
| 345 | R00Y_050_025a       | 0.5                 | 0.25                             | 0.375               | 0.5                 | 0.25                  | 0.375               | 360                   | 0.5                                  | 0.249               | 0.404                 | 37.0 | 20.9 | -2.9  | 21.1  | 352.0 | 0.486 | 0.309 | 0.385 | 37.0 | 21.0 | -3.2  | 21.3  | 351.2 | 0.3 | 352 | 1.0   | 0.0   | 0.617 | 52.9 | 83.6 | -11.6  | 84.4  | 352.0 |
| 346 | B50R_050_025a       | 0.5                 | 0.25                             | 0.5                 | 0.5                 | 0.25                  | 0.375               | 330                   | 0.5                                  | 0.249               | 0.497                 | 38.1 | 23.5 | -14.3 | 27.5  | 328.6 | 0.482 | 0.316 | 0.472 | 38.0 | 23.6 | -14.8 | 27.9  | 327.9 | 0.4 | 330 | 1.0   | 0.0   | 0.991 | 57.1 | 94.1 | -57.4  | 110.3 | 328.6 |
| 347 | B34R_062_037a       | 0.5                 | 0.25                             | 0.625               | 0.625               | 0.5                   | 0.375               | 311                   | 0.416                                | 0.25                | 0.625                 | 37.7 | 29.6 | -34.5 | 45.5  | 310.5 | 0.44  | 0.302 | 0.6   | 37.5 | 29.5 | -34.8 | 45.6  | 310.3 | 0.2 | 296 | 0.444 | 0.0   | 1.0   | 37.0 | 79.0 | -92.2  | 121.5 | 310.5 |
| 348 | B25R_075_050a       | 0.5                 | 0.25                             | 0.75                | 0.75                | 0.5                   | 0.5                 | 300                   | 0.25                                 | 0.385               | 0.75                  | 42.9 | 26.3 | -45.3 | 52.4  | 300.1 | 0.412 | 0.373 | 0.732 | 42.9 | 26.1 | -45.1 | 52.2  | 300.0 | 0.3 | 254 | 0.0   | 0.27  | 1.0   | 38.2 | 52.7 | -90.7  | 104.9 | 300.1 |
| 349 | B19R_087_062a       | 0.5                 | 0.25                             | 0.875               | 0.875               | 0.625                 | 0.562               | 293                   | 0.25                                 | 0.495               | 0.875                 | 51.9 | 21.7 | -49.8 | 54.3  | 293.5 | 0.432 | 0.48  | 0.866 | 51.8 | 21.3 | -49.8 | 54.2  | 293.1 | 0.3 | 247 | 0.0   | 0.392 | 1.0   | 44.9 | 34.7 | -79.7  | 86.9  | 293.5 |
| 350 | B15R_100_075a       | 0.5                 | 0.25                             | 1.0                 | 1.0                 | 0.75                  | 0.625               | 289                   | 0.25                                 | 0.58                | 1.0                   | 59.8 | 20.2 | -56.2 | 59.8  | 289.7 | 0.453 | 0.57  | 1.0   | 59.6 | 19.4 | -55.5 | 58.8  | 289.3 | 1.0 | 243 | 0.0   | 0.44  | 1.0   | 47.9 | 26.9 | -75.0  | 79.7  | 289.7 |
| 351 | R76Y_050_050a       | 0.5                 | 0.375                            | 0.0                 | 0.5                 | 0.5                   | 0.25                | 76                    | 0.5                                  | 0.342               | 0.0                   | 36.7 | 9.1  | 38.8  | 39.9  | 76.7  | 0.476 | 0.33  | 0.072 | 36.6 | 9.1  | 39.7  | 40.7  | 77.0  | 0.8 | 72  | 1.0   | 0.684 | 0.0   | 73.5 | 18.3 | 77.7   | 79.8  | 76.7  |
| 352 | R68Y_050_037a       | 0.5                 | 0.375                            | 0.125               | 0.5                 | 0.375                 | 0.312               | 71                    | 0.5                                  | 0.359               | 0.124                 | 38.2 | 9.6  | 28.1  | 29.7  | 71.1  | 0.486 | 0.346 | 0.182 | 38.2 | 9.4  | 28.5  | 30.7  | 71.5  | 0.3 | 68  | 1.0   | 0.626 | 0.0   | 70.1 | 25.6 | 75.1   | 79.3  | 71.1  |
| 353 | R50Y_050_025a       | 0.5                 | 0.375                            | 0.25                | 0.5                 | 0.25                  | 0.375               | 60                    | 0.5                                  | 0.371               | 0.249                 | 39.6 | 10.6 | 17.7  | 20.6  | 58.8  | 0.494 | 0.359 | 0.271 | 39.6 | 10.6 | 17.6  | 20.6  | 58.9  | 0.0 | 59  | 1.0   | 0.487 | 0.0   | 63.1 | 42.7 | 70.8   | 82.7  | 58.8  |
| 354 | R00Y_050_012a       | 0.5                 | 0.375                            | 0.375               | 0.5                 | 0.125                 | 0.437               | 390                   | 0.5                                  | 0.375               | 0.407                 | 42.1 | 9.7  | 4.6   | 10.8  | 25.5  | 0.491 | 0.39  | 0.384 | 42.2 | 9.7  | 4.5   | 10.7  | 25.2  | 0.1 | 375 | 1.0   | 0.0   | 0.263 | 50.9 | 78.3 | 37.3   | 86.7  | 25.4  |
| 355 | B50R_050_012a       | 0.5                 | 0.375                            | 0.5                 | 0.5                 | 0.125                 | 0.437               | 330                   | 0.5                                  | 0.375               | 0.498                 | 42.9 | 11.7 | -7.1  | 13.7  | 328.6 | 0.478 | 0.396 | 0.472 | 42.9 | 11.5 | -7.3  | 13.7  | 327.3 | 0.2 | 330 | 1.0   | 0.0   | 0.991 | 57.1 | 94.1 | -57.4  | 110.3 | 328.6 |
| 356 | B25R_062_025a       | 0.5                 | 0.375                            | 0.625               | 0.625               | 0.25                  | 0.5                 | 300                   | 0.375                                | 0.442               | 0.625                 | 45.3 | 13.1 | -22.6 | 26.2  | 300.1 | 0.452 | 0.422 | 0.6   | 45.3 | 12.6 | -22.6 | 25.9  | 299.2 | 0.5 | 254 | 0.0   | 0.27  | 1.0   | 38.2 | 52.7 | -90.7  | 104.9 | 300.1 |
| 357 | B15R_075_037a       | 0.5                 | 0.375                            | 0.75                | 0.75                | 0.375                 | 0.562               | 289                   | 0.375                                | 0.54                | 0.75                  | 53.7 | 10.1 | -28.1 | 29.9  | 289.7 | 0.491 | 0.52  | 0.731 | 53.8 | 9.7  | -27.9 | 29.5  | 289.3 | 0.3 | 243 | 0.0   | 0.44  | 1.0   | 47.9 | 26.9 | -75.0  | 79.7  | 289.7 |
| 358 | B11R_087_050a       | 0.5                 | 0.375                            | 0.875               | 0.875               | 0.5                   | 0.625               | 284                   | 0.375                                | 0.625               | 0.875                 | 61.6 | 9.1  | -34.1 | 35.3  | 285.0 | 0.532 | 0.606 | 0.864 | 61.5 | 9.2  | -34.2 | 35.4  | 285.0 | 0.1 | 239 | 0.0   | 0.5   | 1.0   | 51.8 | 18.3 | -68.3  | 70.7  | 285.0 |
| 359 | B09R_100_062a       | 0.5                 | 0.375                            | 1.0                 | 1.0                 | 0.625                 | 0.687               | 281                   | 0.375                                | 0.702               | 1.0                   | 69.1 | 8.9  | -41.3 | 42.3  | 282.1 | 0.562 | 0.691 | 1.0   | 68.9 | 8.3  | -40.8 | 41.6  | 281.6 | 0.8 | 238 | 0.0   | 0.523 | 1.0   | 53.3 | 14.2 | -66.1  | 67.7  | 282.1 |
| 360 | Y00G_050_050a       | 0.5                 | 0.5                              | 0.0                 | 0.5                 | 0.5                   | 0.25                | 90                    | 0.5                                  | 0.428               | 0.0                   | 41.8 | -1.7 | 42.2  | 42.2  | 92.3  | 0.476 | 0.408 | 0.088 | 41.9 | -1.9 | 43.0  | 43.1  | 92.5  | 0.8 | 82  | 1.0   | 0.856 | 0.0   | 83.7 | -3.4 | 84.5   | 84.5  | 92.3  |
| 361 | Y00G_050_037a       | 0.5                 | 0.5                              | 0.125               | 0.5</               |                       |                     |                       |                                      |                     |                       |      |      |       |       |       |       |       |       |      |      |       |       |       |     |     |       |       |       |      |      |        |       |       |

vedi file simili: <http://farbe.li.tu-berlin.de/PI32/PI32.HTM>  
informazioni tecniche: <http://www.ps.bam.de> o <http://130.149.60.45/~farbmetrik>

| n   | HIC*Fde        | rgb_Fde           | ict_Fde           | hsi_Fde | rgb*Fde           | LabCh*Fde       | rgb*Fde           | LabCh*Fde       | DE**Fde hsiMde  | rgb*Mde   | LabCh*Mde         |
|-----|----------------|-------------------|-------------------|---------|-------------------|-----------------|-------------------|-----------------|-----------------|-----------|-------------------|
| 405 | R00Y_062_062de | 0.625 0.0 0.0     | 0.625 0.625 0.312 | 390     | 0.625 0.0 0.164   | 31.8 48.9 23.3  | 0.603 0.103 0.172 | 31.5 49.2 23.1  | 23.1 54.4 25.1  | 0.4 0.263 | 50.9 78.8 37.3    |
| 406 | R31Y_062_062de | 0.625 0.0 0.125   | 0.625 0.625 0.312 | 379     | 0.625 0.0 0.247   | 32.1 49.9 11.7  | 0.603 0.104 0.25  | 31.9 50.3 11.3  | 51.6 12.6 0.6   | 366       | 51.4 79.3 18.7    |
| 407 | R11Y_062_062de | 0.625 0.0 0.25    | 0.625 0.625 0.312 | 367     | 0.625 0.0 0.333   | 32.7 51.3 -0.8  | 0.6 0.107 0.329   | 32.4 51.6 -0.7  | 51.6 359.2 0.6  | 357       | 82.1 -0.2 82.1    |
| 408 | B69R_062_062de | 0.625 0.0 0.375   | 0.625 0.625 0.312 | 353     | 0.625 0.0 0.398   | 33.2 52.5 -8.8  | 0.599 0.111 0.39  | 33.0 52.8 -9.4  | 53.6 349.9 0.6  | 350       | 84.1 -14.2 85.3   |
| 409 | B59R_062_062de | 0.625 0.0 0.5     | 0.625 0.625 0.312 | 341     | 0.625 0.0 0.495   | 34.1 55.1 -21.1 | 0.599 0.114 0.479 | 34.0 55.3 -21.6 | 59.4 338.5 0.6  | 341       | 88.2 -33.8 94.5   |
| 410 | B50R_062_062de | 0.625 0.0 0.625   | 0.625 0.625 0.312 | 330     | 0.625 0.0 0.619   | 35.7 58.8 -35.9 | 0.597 0.124 0.591 | 35.6 58.6 -36.0 | 68.8 328.4 0.2  | 330       | 94.1 -57.4 110.3  |
| 411 | B42R_075_075de | 0.625 0.0 0.75    | 0.75 0.75 0.375   | 321     | 0.588 0.0 0.75    | 36.4 65.2 -54.6 | 0.575 0.084 0.725 | 36.1 65.7 -55.0 | 85.7 320.0 0.7  | 318       | 87.0 -72.8 113.5  |
| 412 | B36R_087_087de | 0.625 0.0 0.875   | 0.875 0.875 0.437 | 314     | 0.497 0.0 0.875   | 37.5 71.1 -71.1 | 0.501 0.04 0.861  | 35.6 71.7 -75.3 | 104.0 313.5 0.5 | 304       | 81.3 -85.9 118.3  |
| 413 | B31R_100_100de | 0.625 0.0 1.0     | 1.0 1.0 0.5       | 308     | 0.263 0.0 1.0     | 32.8 76.9 -99.3 | 0.264 0.0 0.999   | 32.8 76.9 -99.4 | 125.7 307.7 0.0 | 284       | 76.9 -99.3 125.7  |
| 414 | R18Y_062_062de | 0.625 0.125 0.0   | 0.625 0.625 0.312 | 41      | 0.625 0.0 0.038   | 31.5 48.2 37.3  | 0.605 0.101 0.064 | 31.3 48.6 38.2  | 61.8 38.1 1.0   | 386       | 50.2 77.2 59.7    |
| 415 | R00Y_062_050de | 0.625 0.125 0.125 | 0.625 0.5 0.375   | 390     | 0.625 0.125 0.256 | 37.3 39.1 18.6  | 0.619 0.237 0.251 | 37.2 39.2 18.3  | 43.2 25.0 0.3   | 375       | 80.3 37.3 86.7    |
| 416 | R26Y_062_050de | 0.625 0.125 0.25  | 0.625 0.5 0.375   | 376     | 0.625 0.125 0.339 | 37.7 40.2 7.0   | 0.614 0.24 0.33   | 37.6 40.2 6.6   | 40.7 9.3 0.4    | 364       | 78.5 14.0 81.7    |
| 417 | R00Y_062_050de | 0.625 0.125 0.375 | 0.625 0.5 0.375   | 360     | 0.625 0.125 0.433 | 38.4 41.8 -5.8  | 0.608 0.245 0.421 | 38.3 41.6 -6.2  | 42.1 351.4 0.4  | 352       | 83.6 -11.6 84.4   |
| 418 | B61R_062_050de | 0.625 0.125 0.5   | 0.625 0.5 0.375   | 344     | 0.625 0.125 0.498 | 39.0 43.3 -14.1 | 0.607 0.25 0.482  | 38.9 43.2 -14.5 | 45.5 341.3 0.4  | 344       | 86.7 -28.3 91.2   |
| 419 | B50R_062_050de | 0.625 0.125 0.625 | 0.625 0.5 0.375   | 330     | 0.625 0.125 0.62  | 40.5 47.0 -28.7 | 0.605 0.256 0.593 | 40.4 46.8 -28.8 | 55.0 328.3 0.2  | 330       | 94.1 -57.4 110.3  |
| 420 | B40R_075_062de | 0.625 0.125 0.75  | 0.75 0.625 0.437  | 319     | 0.58 0.125 0.75   | 41.0 53.3 -47.7 | 0.58 0.243 0.728  | 40.8 53.2 -47.8 | 71.5 318.0 0.1  | 314       | 85.3 -76.3 114.5  |
| 421 | B34R_087_075de | 0.625 0.125 0.875 | 0.875 0.75 0.5    | 311     | 0.458 0.125 0.875 | 39.7 59.3 -69.1 | 0.495 0.216 0.865 | 39.5 59.8 -69.4 | 91.6 310.7 0.5  | 296       | 79.0 -92.2 121.5  |
| 422 | B29R_100_087de | 0.625 0.125 1.0   | 1.0 0.875 0.562   | 305     | 0.125 0.227 1.0   | 40.2 61.2 -87.7 | 0.342 0.243 1.0   | 40.0 60.9 -87.4 | 106.5 304.8 0.5 | 263       | 70.0 -100.3 122.3 |
| 423 | R38Y_062_062de | 0.625 0.25 0.0    | 0.625 0.625 0.312 | 53      | 0.625 0.237 0.0   | 36.4 34.3 42.5  | 0.602 0.246 0.051 | 36.4 34.2 43.3  | 55.2 51.6 0.7   | 52        | 54.9 68.1 87.5    |
| 424 | R23Y_062_050de | 0.625 0.25 0.125  | 0.625 0.5 0.375   | 44      | 0.625 0.176 0.125 | 37.6 37.2 32.4  | 0.623 0.247 0.156 | 37.5 36.9 32.5  | 49.2 41.3 0.3   | 35        | 74.4 64.8 98.7    |
| 425 | R00Y_062_037de | 0.625 0.25 0.25   | 0.625 0.375 0.437 | 390     | 0.625 0.25 0.348  | 42.9 29.3 13.9  | 0.626 0.335 0.332 | 42.7 29.2 13.6  | 32.2 25.0 0.4   | 375       | 78.3 37.3 86.7    |
| 426 | R18Y_062_037de | 0.625 0.25 0.375  | 0.625 0.375 0.437 | 371     | 0.625 0.25 0.432  | 43.3 30.4 2.2   | 0.617 0.339 0.415 | 43.1 30.3 1.8   | 30.3 3.4 0.5    | 360       | 81.1 6.1 81.3     |
| 427 | B65R_062_037de | 0.625 0.25 0.5    | 0.625 0.375 0.437 | 349     | 0.625 0.25 0.507  | 43.9 32.0 -7.6  | 0.613 0.343 0.488 | 43.8 32.0 -8.1  | 33.0 345.7 0.5  | 347       | 85.5 -20.3 87.9   |
| 428 | B50R_062_037de | 0.625 0.25 0.625  | 0.625 0.375 0.437 | 330     | 0.625 0.25 0.621  | 45.2 35.3 -21.5 | 0.609 0.351 0.595 | 45.1 35.1 -21.7 | 41.2 328.2 0.2  | 330       | 94.1 -57.4 110.3  |
| 429 | B38R_075_050de | 0.625 0.25 0.75   | 0.75 0.5 0.5      | 316     | 0.569 0.25 0.75   | 45.4 41.4 -40.9 | 0.578 0.339 0.73  | 45.2 41.4 -41.2 | 58.6 315.3 0.3  | 309       | 82.9 -81.9 116.5  |
| 430 | B30R_087_062de | 0.625 0.25 0.875  | 0.875 0.625 0.562 | 307     | 0.341 0.25 0.875  | 43.4 47.7 -63.7 | 0.477 0.311 0.868 | 43.2 47.9 -63.9 | 79.9 306.8 0.3  | 277       | 76.3 -102.0 127.4 |
| 431 | B25R_100_075de | 0.625 0.25 1.0    | 1.0 0.75 0.625    | 300     | 0.25 0.452 1.0    | 42.5 39.5 -68.0 | 0.474 0.443 1.0   | 42.3 38.8 -67.2 | 77.6 300.0 1.1  | 254       | 52.2 -90.7 104.9  |
| 432 | R61Y_062_062de | 0.625 0.375 0.0   | 0.625 0.625 0.312 | 67      | 0.625 0.36 0.0    | 42.2 19.8 46.1  | 0.6 0.354 0.06    | 42.1 19.7 46.9  | 50.9 67.2 0.8   | 65        | 61.8 73.8 80.4    |
| 433 | R50Y_062_050de | 0.625 0.375 0.125 | 0.625 0.5 0.375   | 60      | 0.625 0.368 0.125 | 43.4 21.3 35.4  | 0.614 0.364 0.18  | 43.4 21.0 35.7  | 41.4 59.5 0.4   | 59        | 63.1 42.7 70.8    |
| 434 | R31Y_062_037de | 0.625 0.375 0.25  | 0.625 0.375 0.437 | 49      | 0.625 0.358 0.25  | 44.6 23.6 25.0  | 0.63 0.371 0.271  | 44.6 23.3 24.9  | 34.1 46.9 0.3   | 46        | 55.4 63.0 66.8    |
| 435 | R00Y_062_025de | 0.625 0.375 0.375 | 0.625 0.25 0.5    | 390     | 0.625 0.375 0.44  | 48.5 19.5 9.3   | 0.624 0.425 0.471 | 48.3 19.1 8.9   | 21.1 25.1 0.5   | 375       | 79.0 37.3 86.7    |
| 436 | R00Y_062_025de | 0.625 0.375 0.5   | 0.625 0.25 0.5    | 360     | 0.625 0.375 0.529 | 49.0 20.9 -2.9  | 0.612 0.43 0.507  | 48.9 20.6 -3.2  | 20.9 351.0 0.4  | 352       | 83.6 -11.6 84.4   |
| 437 | B50R_062_025de | 0.625 0.375 0.625 | 0.625 0.25 0.5    | 330     | 0.625 0.375 0.622 | 50.0 23.5 -14.3 | 0.608 0.438 0.595 | 49.9 23.1 -14.4 | 27.2 328.0 0.4  | 330       | 94.1 -57.4 110.3  |
| 438 | B34R_075_037de | 0.625 0.375 0.75  | 0.75 0.375 0.562  | 311     | 0.541 0.375 0.75  | 49.6 29.6 -34.5 | 0.569 0.424 0.732 | 49.5 29.2 -34.6 | 45.3 310.2 0.3  | 296       | 79.0 -92.2 121.5  |
| 439 | B25R_087_050de | 0.625 0.375 0.875 | 0.875 0.5 0.625   | 300     | 0.375 0.51 0.875  | 54.8 26.3 -45.3 | 0.545 0.495 0.869 | 54.9 26.0 -45.2 | 52.2 299.9 0.3  | 254       | 52.2 -90.7 104.9  |
| 440 | B19R_100_062de | 0.625 0.375 1.0   | 1.0 0.625 0.687   | 293     | 0.375 0.62 1.0    | 63.8 21.7 -49.8 | 0.573 0.604 1.0   | 63.6 21.1 -49.1 | 53.4 293.3 0.9  | 247       | 34.7 -79.7 86.9   |
| 441 | R81Y_062_062de | 0.625 0.5 0.0     | 0.625 0.625 0.312 | 79      | 0.625 0.449 0.0   | 47.1 8.6 49.3   | 0.598 0.435 0.072 | 47.1 8.2 50.1   | 50.8 80.7 0.9   | 74        | 73.8 78.9 80.1    |
| 442 | R76Y_062_050de | 0.625 0.5 0.125   | 0.625 0.5 0.375   | 76      | 0.625 0.467 0.125 | 48.6 9.1 38.8   | 0.609 0.45 0.197  | 48.5 8.6 39.2   | 40.1 77.5 0.6   | 72        | 78.3 77.7 79.8    |
| 443 | R68Y_062_037de | 0.625 0.5 0.25    | 0.625 0.375 0.437 | 71      | 0.625 0.484 0.25  | 50.1 9.6 28.1   | 0.616 0.466 0.298 | 50.1 9.0 28.1   | 29.5 72.1 0.5   | 68        | 81.3 75.1 79.3    |
| 444 | R50Y_062_025de | 0.625 0.5 0.375   | 0.625 0.25 0.5    | 60      | 0.625 0.496 0.375 | 51.5 10.6 17.7  | 0.622 0.48 0.388  | 51.5 10.2 17.5  | 20.3 59.6 0.4   | 59        | 81.3 75.1 79.3    |
| 445 | R00Y_062_012de | 0.625 0.5 0.625   | 0.625 0.125 0.562 | 390     | 0.625 0.5 0.532   | 54.0 9.7 4.6    | 0.616 0.512 0.506 | 54.1 9.4 4.4    | 10.4 25.3 0.3   | 375       | 78.3 37.3 86.7    |
| 446 | B50R_062_012de | 0.625 0.5 0.625   | 0.625 0.125 0.562 | 330     | 0.625 0.5 0.623   | 54.8 11.7 -7.1  | 0.602 0.518 0.595 | 54.8 11.2 -7.1  | 13.3 327.7 0.5  | 330       | 94.1 -57.4 110.3  |
| 447 | B25R_075_025de | 0.625 0.5 0.75    | 0.75 0.25 0.625   | 300     | 0.5 0.567 0.75    | 57.2 13.1 -22.6 | 0.578 0.545 0.731 | 57.1 12.7 -22.6 | 60.0 299.3 0.4  | 254       | 52.2 -90.7 104.9  |
| 448 | B15R_087_037de | 0.625 0.5 0.875   | 0.875 0.375 0.687 | 289     | 0.5 0.665 0.875   | 65.7 10.1 -28.1 | 0.62 0.644 0.867  | 65.5 10.0 -28.3 | 30.0 289.6 0.2  | 243       | 26.9 -75.0 79.7   |
| 449 | B11R_100_050de | 0.625 0.5 1.0     | 1.0 0.5 0.75      | 284     | 0.5 0.75 1.0      | 73.6 9.1 -34.1  | 0.665 0.737 1.0   | 73.4 8.7 -33.6  | 34.8 284.5 0.6  | 239       | 18.3 -68.3 70.7   |
| 450 | Y00G_062_062de | 0.625 0.625 0.0   | 0.625 0.625 0.312 | 90      | 0.625 0.535 0.0   | 52.3 -2.1 52.8  | 0.598 0.514 0.085 | 52.3 -2.5 53.5  | 53.5 92.7 0.8   | 82        | 83.7 -3.4 84.5    |
| 451 | Y00G_062_050de | 0.625 0.625 0.125 | 0.625 0.5 0.375   | 90      | 0.625 0.553 0.125 | 53.7 -1.7 42.2  | 0.607 0.53 0.218  | 53.8 -2.1 42.5  | 42.6 92.8 0.5   | 82        | 83.7 -3.4 84.5    |
| 452 | Y00G_062_037de | 0.625 0.625 0.25  | 0.625 0.375 0.437 | 90      | 0.625 0.571 0.25  | 55.2 -1.2 31.6  | 0.61 0.545 0.318  | 55.2 -1.7 31.7  | 31.8 93.1 0.4   | 82        | 83.7 -3.4 84.5    |
| 453 | Y00G_062_025de | 0.625 0.625 0.375 | 0.625 0.25 0.5    | 90      | 0.625 0.589 0.375 | 56.7 -0.8 21.1  | 0.61 0.56 0.413   | 56.6 -1.1 20.8  | 20.9 93.1 0.4   | 82        | 83.7 -3.4 84.5    |
| 454 | Y00G_062_012de | 0.625 0.625 0.5   | 0.625 0.125 0.562 | 90      | 0.625 0.607 0.5   | 58.1 -0.4 10.5  | 0.604 0.577 0.505 | 58.0 -0.5 10.1  | 10.2 93.3 0.4   | 82        | 83.7 -3.4 84.5    |
| 455 | NW_062de       | 0.625 0.625 0.625 | 0.625 0.0 0.625   | 360     | 0.625 0.625 0.625 | 59.6 0.0 0.0    | 0.59 0.593 0.594  | 59.4 -0.2 -0.1  | 0.3 206.3 0.3   | 360       | 1.0 0.0 0.0       |
| 456 | B00R_075_012de | 0.625 0.625 0.75  | 0.75 0.125 0.687  | 270     | 0.625 0.701 0.75  | 67.0 0.2 -7.0   | 0.646 0.675 0.726 | 66.8 0.0 -7.2   | 7.2 270.5 0.2   | 232       | 1.7 -56.6 56.6    |
| 457 | B00R_087_025de | 0.625 0.625 0.875 | 0.875 0.25 0.75   | 270     | 0.625 0.777 0.875 | 74.4 0.4 -14.1  | 0.701 0.76 0.864  | 74.3 0.3 -14.3  | 14.3 271.2 0.2  | 232       | 1.7 -56.6 56.6    |
| 458 | B00R_100_037de | 0.625 0.625 1.0   | 1.0 0.375 0.812   | 270     | 0.625 0.853 1.0   | 81.8 0.6 -21.2  | 0.752 0.846 1.0   | 81.7 0.3 -20.8  | 20.8 270.9 0.5  | 232       | 1.7 -56.6 56.6    |
| 459 | Y15G_075_075de | 0.625 0.75 0.0    | 0.75 0.75 0.375   | 99      | 0.75 0.749 0.0    | 69.4 -15.4 68.0 | 0.725 0.723 0.086 | 69.2 -15.7 68.4 | 70.2 102.9 0.5  | 89        | 92.6 -20.6 90.7   |
| 460 | Y18G_075_062de | 0.625 0.75 0.125  | 0.75 0.625 0.437  | 101     | 0.727 0.75 0.125  | 69.4 -15.2 56.3 | 0.714 0.723 0.231 | 69.2 -15.3 56.1 | 58.1 105.2 0.3  | 91        | 90.1 -24.3 90.1   |
| 461 | Y23G_075_050de | 0.625 0.75 0.25   | 0.75 0.5 0.5      | 104     | 0.625 0.75 0.25   | 69.3 -14.9 44.4 | 0.696 0.696 0.723 | 69.1 -15.1 44.2 | 46.8 108.9 0.3  | 94        | 89.2 -29.9 88.9   |
| 462 | Y31G_075_037de | 0.625 0.75 0.375  | 0.75 0.375 0.562  | 109     | 0.677 0.75 0.375  | 69.3 -11.8 32.6 | 0.673 0.724 0.452 | 69.1 -15.0 32.3 | 35.7 114.9 0.3  | 190       | 89.4 -39.5 87.0   |
| 463 | Y50G_075_025de | 0.625 0.75 0.5    | 0.75 0.25 0.625   | 120     | 0.632 0.75 0.5    | 69.2 -15.7 20.7 | 0.635 0.728 0.543 | 69.0 -15.9 20.4 | 25.9 127.9 0.3  | 118       | 85.9 -63.0 82.8   |
| 464 | G00B_075_012de | 0.625 0.75 0.625  | 0.75 0.1          |         |                   |                 |                   |                 |                 |           |                   |

http://farbe.li.tu-berlin.de/PI32/PI32L0FP.PDF /.PS; linearizzazione 3D  
F: linearizzazione 3D PI32/PI32LI30FP.DAT nel file (F), pagine 11/18

| 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> | rgb*F <sub>de</sub> | LabCh*F <sub>de</sub> | DE*F <sub>de</sub> hsi <sub>de</sub> | rgb*F <sub>de</sub> | LabCh*F <sub>de</sub> | DE*F <sub>de</sub> hsi <sub>de</sub> | rgb*F <sub>de</sub> | LabCh*F <sub>de</sub> |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |        |       |       |      |
|-----|---------------------|---------------------|---------------------|---------------------|---------------------|-----------------------|---------------------|-----------------------|--------------------------------------|---------------------|-----------------------|--------------------------------------|---------------------|-----------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|-------|-------|------|
| 486 | R00Y_075_075de      | 0.75                | 0.0                 | 0.0                 | 0.75                | 0.75                  | 0.0                 | 0.197                 | 38.1                                 | 58.7                | 27.9                  | 65.0                                 | 25.4                | 0.731                 | 0.086 | 0.201 | 37.8  | 59.2  | 27.8  | 65.4  | 25.1  | 0.6   | 375   | 1.0   | 0.0   | 0.263 | 50.9  | 78.3  | 37.3  | 86.7  | 25.4  |        |       |       |      |
| 487 | R35Y_075_075de      | 0.75                | 0.0                 | 0.125               | 0.75                | 0.75                  | 0.0                 | 0.279                 | 38.5                                 | 59.4                | 16.4                  | 61.6                                 | 15.4                | 0.729                 | 0.092 | 0.281 | 38.2  | 59.8  | 15.9  | 61.9  | 14.9  | 0.6   | 368   | 1.0   | 0.0   | 0.373 | 51.3  | 79.2  | 21.9  | 82.2  | 15.4  |        |       |       |      |
| 488 | R18Y_075_075de      | 0.75                | 0.0                 | 0.25                | 0.75                | 0.75                  | 0.75                | 0.375                 | 37.1                                 | 60.8                | 4.5                   | 61.0                                 | 4.3                 | 0.729                 | 0.09  | 0.362 | 38.6  | 61.3  | 4.0   | 61.4  | 3.7   | 0.8   | 360   | 1.0   | 0.0   | 0.486 | 51.9  | 81.1  | 6.1   | 81.3  | 4.3   |        |       |       |      |
| 489 | R00Y_075_075de      | 0.75                | 0.0                 | 0.375               | 0.75                | 0.75                  | 0.75                | 0.375                 | 36.0                                 | 60.7                | 62.7                  | -8.7                                 | 63.3                | 352.0                 | 0.728 | 0.097 | 0.457 | 39.4  | 63.0  | -9.4  | 63.7  | 351.4 | 0.7   | 352   | 1.0   | 0.0   | 0.617 | 52.9  | 83.6  | -11.6 | 84.4  | 352.0  |       |       |      |
| 490 | B65R_075_075de      | 0.75                | 0.0                 | 0.5                 | 0.75                | 0.75                  | 0.75                | 0.375                 | 34.9                                 | 60.5                | -15.2                 | 65.9                                 | 346.6               | 0.73                  | 0.093 | 0.504 | 39.9  | 64.6  | -15.8 | 66.5  | 346.1 | 0.7   | 347   | 1.0   | 0.0   | 0.686 | 53.6  | 85.5  | -20.3 | 87.9  | 346.6 |        |       |       |      |
| 491 | B57R_075_075de      | 0.75                | 0.0                 | 0.625               | 0.75                | 0.75                  | 0.75                | 0.375                 | 33.9                                 | 60.1                | -68.1                 | 72.5                                 | 337.1               | 0.729                 | 0.098 | 0.6   | 41.0  | 67.1  | -28.4 | 72.9  | 337.0 | 0.4   | 339   | 1.0   | 0.0   | 0.824 | 55.0  | 89.1  | -37.5 | 96.7  | 337.1 |        |       |       |      |
| 492 | B50R_075_075de      | 0.75                | 0.0                 | 0.75                | 0.75                | 0.75                  | 0.75                | 0.375                 | 33.0                                 | 60.4                | -82.7                 | 328.6                                | 328.6               | 0.727                 | 0.108 | 0.719 | 42.6  | 70.7  | -43.3 | 82.9  | 328.5 | 0.3   | 330   | 1.0   | 0.0   | 0.991 | 57.1  | 94.1  | -57.4 | 110.3 | 328.6 |        |       |       |      |
| 493 | B43R_087_087de      | 0.75                | 0.0                 | 0.875               | 0.875               | 0.875                 | 0.875               | 0.437                 | 32.2                                 | 60.9                | -93.2                 | 298.9                                | 321.0               | 0.7                   | 0.055 | 0.86  | 43.1  | 77.2  | -62.6 | 99.4  | 320.9 | 0.5   | 319   | 0.811 | 0.0   | 1.0   | 49.6  | 87.9  | -71.1 | 113.0 | 321.0 |        |       |       |      |
| 494 | B38R_100_100de      | 0.75                | 0.0                 | 1.0                 | 1.0                 | 1.0                   | 1.0                 | 0.5                   | 31.6                                 | 63.8                | 0.0                   | 1.0                                  | 43.2                | 82.9                  | -81.9 | 116.5 | 315.3 | 0.637 | 0.0   | 1.0   | 43.1  | 82.8  | -82.0 | 116.5 | 315.3 | 0.637 | 0.0   | 1.0   | 43.2  | 82.9  | -81.9 | 116.5  | 315.3 |       |      |
| 495 | R15Y_075_075de      | 0.75                | 0.125               | 0.0                 | 0.75                | 0.75                  | 0.75                | 0.375                 | 39                                   | 0.75                | 0.0                   | 0.092                                | 37.9                | 57.9                  | 41.3  | 71.1  | 35.5  | 0.731 | 0.088 | 0.101 | 37.6  | 58.3  | 41.6  | 71.7  | 35.5  | 0.6   | 383   | 1.0   | 0.0   | 0.123 | 50.5  | 77.2   | 55.0  | 94.8  | 35.5 |
| 496 | R00Y_075_062de      | 0.75                | 0.125               | 0.125               | 0.75                | 0.625                 | 0.437               | 39.0                  | 0.75                                 | 0.125               | 0.289                 | 43.7                                 | 48.9                | 23.3                  | 54.2  | 25.4  | 0.749 | 0.256 | 0.282 | 43.6  | 48.7  | 23.1  | 53.9  | 25.3  | 0.2   | 375   | 1.0   | 0.0   | 0.263 | 50.9  | 78.3  | 37.3   | 86.7  | 25.4  |      |
| 497 | R31Y_075_062de      | 0.75                | 0.125               | 0.25                | 0.75                | 0.625                 | 0.437               | 37.9                  | 0.75                                 | 0.125               | 0.372                 | 44.0                                 | 49.9                | 11.7                  | 51.2  | 13.2  | 0.746 | 0.257 | 0.363 | 44.0  | 49.8  | 11.4  | 51.1  | 12.9  | 0.2   | 366   | 1.0   | 0.0   | 0.395 | 51.4  | 79.8  | 18.7   | 82.0  | 13.2  |      |
| 498 | R11Y_075_062de      | 0.75                | 0.125               | 0.375               | 0.75                | 0.625                 | 0.437               | 36.7                  | 0.75                                 | 0.125               | 0.458                 | 44.6                                 | 51.3                | -0.1                  | 51.3  | 359.8 | 0.742 | 0.26  | 0.448 | 44.5  | 51.2  | -0.5  | 51.2  | 359.3 | 0.4   | 357   | 1.0   | 0.0   | 0.533 | 52.3  | 82.1  | -0.2   | 82.1  | 359.8 |      |
| 499 | B69R_075_062de      | 0.75                | 0.125               | 0.5                 | 0.75                | 0.625                 | 0.437               | 35.3                  | 0.75                                 | 0.125               | 0.523                 | 45.1                                 | 52.5                | -8.8                  | 53.3  | 350.4 | 0.74  | 0.263 | 0.512 | 45.0  | 52.5  | -9.2  | 53.4  | 349.9 | 0.4   | 350   | 1.0   | 0.0   | 0.637 | 53.1  | 84.1  | -14.2  | 85.3  | 350.4 |      |
| 500 | B59R_075_062de      | 0.75                | 0.125               | 0.625               | 0.75                | 0.625                 | 0.437               | 34.1                  | 0.75                                 | 0.125               | 0.62                  | 46.1                                 | 55.1                | -21.1                 | 59.0  | 339.0 | 0.738 | 0.267 | 0.603 | 45.9  | 55.1  | -21.2 | 59.0  | 338.9 | 0.1   | 341   | 1.0   | 0.0   | 0.793 | 54.7  | 88.2  | -33.8  | 94.5  | 339.0 |      |
| 501 | B50R_075_062de      | 0.75                | 0.125               | 0.75                | 0.75                | 0.625                 | 0.437               | 33.0                  | 0.75                                 | 0.125               | 0.744                 | 47.6                                 | 58.8                | -35.9                 | 68.9  | 328.6 | 0.736 | 0.274 | 0.722 | 47.4  | 58.8  | -36.0 | 69.0  | 328.5 | 0.2   | 330   | 1.0   | 0.0   | 0.991 | 57.1  | 94.1  | -57.4  | 110.3 | 328.6 |      |
| 502 | B42R_087_075de      | 0.75                | 0.125               | 0.875               | 0.875               | 0.75                  | 0.5                 | 32.1                  | 0.713                                | 0.125               | 0.875                 | 48.4                                 | 65.2                | -54.6                 | 85.1  | 320.0 | 0.716 | 0.261 | 0.863 | 48.2  | 65.2  | -54.7 | 85.1  | 319.9 | 0.2   | 318   | 0.784 | 0.0   | 1.0   | 48.6  | 87.0  | -72.8  | 113.5 | 320.0 |      |
| 503 | B36R_100_087de      | 0.75                | 0.125               | 1.0                 | 1.0                 | 0.875                 | 0.562               | 31.4                  | 0.622                                | 0.125               | 1.0                   | 47.6                                 | 71.1                | -75.1                 | 103.5 | 313.4 | 0.645 | 0.238 | 1.0   | 47.4  | 71.0  | -74.9 | 103.2 | 313.4 | 0.3   | 304   | 0.568 | 0.0   | 1.0   | 40.8  | 81.3  | -85.9  | 118.3 | 313.4 |      |
| 504 | R31Y_075_075de      | 0.75                | 0.25                | 0.0                 | 0.75                | 0.75                  | 0.375               | 49                    | 0.75                                 | 0.217               | 0.0                   | 41.5                                 | 47.3                | 50.1                  | 68.9  | 46.6  | 0.731 | 0.231 | 0.035 | 41.3  | 47.5  | 50.5  | 69.3  | 46.7  | 0.5   | 46    | 1.0   | 0.29  | 0.0   | 55.4  | 63.0  | 66.8   | 91.8  | 46.6  |      |
| 505 | R18Y_075_062de      | 0.75                | 0.25                | 0.125               | 0.75                | 0.625                 | 0.437               | 41                    | 0.75                                 | 0.125               | 0.163                 | 43.5                                 | 48.2                | 37.3                  | 61.0  | 37.7  | 0.754 | 0.254 | 0.178 | 43.4  | 48.0  | 37.6  | 61.0  | 38.0  | 0.3   | 386   | 1.0   | 0.0   | 0.062 | 50.5  | 77.2  | 59.7   | 97.6  | 37.7  |      |
| 506 | R00Y_075_050de      | 0.75                | 0.25                | 0.25                | 0.75                | 0.5                   | 0.5                 | 39.0                  | 0.75                                 | 0.25                | 0.381                 | 49.3                                 | 39.1                | 18.6                  | 43.3  | 25.4  | 0.762 | 0.363 | 0.365 | 49.2  | 39.0  | 18.4  | 43.1  | 25.2  | 0.2   | 375   | 1.0   | 0.0   | 0.263 | 50.9  | 78.3  | 37.3   | 86.7  | 25.4  |      |
| 507 | R26Y_075_050de      | 0.75                | 0.25                | 0.375               | 0.75                | 0.5                   | 0.5                 | 37.6                  | 0.75                                 | 0.25                | 0.464                 | 49.6                                 | 40.2                | 7.0                   | 40.8  | 9.8   | 0.755 | 0.367 | 0.449 | 49.6  | 40.0  | 6.6   | 40.6  | 9.4   | 0.3   | 364   | 1.0   | 0.0   | 0.429 | 51.6  | 80.5  | 14.0   | 81.7  | 9.8   |      |
| 508 | R00Y_075_050de      | 0.75                | 0.25                | 0.5                 | 0.75                | 0.5                   | 0.5                 | 36.0                  | 0.75                                 | 0.25                | 0.558                 | 50.3                                 | 41.8                | -5.8                  | 42.2  | 352.0 | 0.747 | 0.373 | 0.543 | 50.3  | 41.5  | -5.9  | 41.9  | 351.7 | 0.3   | 352   | 1.0   | 0.0   | 0.617 | 52.9  | 83.6  | -11.6  | 84.4  | 352.0 |      |
| 509 | B61R_075_050de      | 0.75                | 0.25                | 0.625               | 0.75                | 0.5                   | 0.5                 | 34.4                  | 0.75                                 | 0.25                | 0.623                 | 50.9                                 | 43.3                | -14.1                 | 45.6  | 341.8 | 0.744 | 0.377 | 0.606 | 50.9  | 43.0  | -14.0 | 45.2  | 341.8 | 0.3   | 344   | 1.0   | 0.0   | 0.747 | 54.1  | 86.7  | -28.3  | 91.2  | 341.8 |      |
| 510 | B50R_075_050de      | 0.75                | 0.25                | 0.75                | 0.75                | 0.5                   | 0.5                 | 33.0                  | 0.75                                 | 0.25                | 0.745                 | 52.4                                 | 47.0                | -28.7                 | 55.1  | 328.6 | 0.743 | 0.385 | 0.724 | 52.4  | 46.7  | -28.6 | 54.8  | 328.4 | 0.3   | 330   | 1.0   | 0.0   | 0.991 | 57.1  | 94.1  | -57.4  | 110.3 | 328.6 |      |
| 511 | B40R_087_062de      | 0.75                | 0.25                | 0.875               | 0.875               | 0.625                 | 0.562               | 31.9                  | 0.705                                | 0.25                | 0.875                 | 52.9                                 | 53.3                | -47.7                 | 71.5  | 318.1 | 0.719 | 0.375 | 0.866 | 52.9  | 53.0  | -47.7 | 71.3  | 318.0 | 0.2   | 314   | 0.729 | 0.0   | 1.0   | 46.5  | 85.3  | -76.3  | 114.5 | 318.1 |      |
| 512 | B34R_100_075de      | 0.75                | 0.25                | 1.0                 | 1.0                 | 0.75                  | 0.625               | 31.1                  | 0.583                                | 0.25                | 1.0                   | 51.6                                 | 59.3                | -69.1                 | 91.1  | 310.5 | 0.636 | 0.35  | 1.0   | 51.4  | 58.9  | -69.5 | 90.3  | 310.6 | 0.7   | 296   | 0.444 | 0.0   | 1.0   | 37.0  | 79.0  | -92.2  | 121.5 | 310.5 |      |
| 513 | R50Y_075_075de      | 0.75                | 0.375               | 0.0                 | 0.75                | 0.75                  | 0.375               | 60                    | 0.75                                 | 0.365               | 0.0                   | 47.3                                 | 32.0                | 53.1                  | 62.0  | 58.8  | 0.729 | 0.364 | 0.045 | 47.2  | 31.9  | 53.8  | 62.5  | 59.3  | 0.6   | 59    | 1.0   | 0.487 | 0.0   | 63.1  | 42.7  | 70.8   | 82.7  | 58.8  |      |
| 514 | R38Y_075_062de      | 0.75                | 0.375               | 0.125               | 0.75                | 0.625                 | 0.437               | 53                    | 0.75                                 | 0.362               | 0.125                 | 48.4                                 | 34.3                | 42.5                  | 54.7  | 51.0  | 0.748 | 0.369 | 0.176 | 48.3  | 40.0  | 42.9  | 54.8  | 51.6  | 0.5   | 52    | 1.0   | 0.379 | 0.0   | 58.3  | 54.9  | 68.1   | 87.5  | 51.0  |      |
| 515 | R23Y_075_050de      | 0.75                | 0.375               | 0.25                | 0.75                | 0.5                   | 0.5                 | 44                    | 0.75                                 | 0.301               | 0.25                  | 49.5                                 | 37.2                | 32.4                  | 49.3  | 41.0  | 0.769 | 0.371 | 0.269 | 49.5  | 37.0  | 32.3  | 49.1  | 41.1  | 0.2   | 35    | 1.0   | 0.102 | 0.0   | 51.3  | 74.4  | 64.8   | 98.7  | 41.0  |      |
| 516 | R00Y_075_037de      | 0.75                | 0.375               | 0.375               | 0.75                | 0.375                 | 0.562               | 39.0                  | 0.75                                 | 0.375               | 0.473                 | 54.8                                 | 29.3                | 13.9                  | 32.5  | 25.4  | 0.765 | 0.459 | 0.451 | 54.7  | 29.1  | 13.6  | 32.1  | 25.1  | 0.3   | 375   | 1.0   | 0.0   | 0.263 | 50.9  | 78.3  | 37.3   | 86.7  | 25.4  |      |
| 517 | R18Y_075_037de      | 0.75                | 0.375               | 0.5                 | 0.75                | 0.375                 | 0.562               | 37.1                  | 0.75                                 | 0.375               | 0.557                 | 55.2                                 | 30.4                | 2.2                   | 30.5  | 4.3   | 0.754 | 0.464 | 0.537 | 55.2  | 30.1  | 2.0   | 30.2  | 3.9   | 0.3   | 360   | 1.0   | 0.0   | 0.486 | 51.9  | 81.1  | 6.1    | 81.3  | 4.3   |      |
| 518 | B65R_075_037de      | 0.75                | 0.375               | 0.625               | 0.75                | 0.375                 | 0.562               | 34.9                  | 0.75                                 | 0.375               | 0.632                 | 55.8                                 | 32.0                | -7.6                  | 32.9  | 346.6 | 0.749 | 0.468 | 0.611 | 55.8  | 31.8  | -7.5  | 32.6  | 346.6 | 0.2   | 347   | 1.0   | 0.0   | 0.686 | 53.6  | 85.5  | -20.3  | 87.9  | 346.6 |      |
| 519 | B50R_075_037de      | 0.75                | 0.375               | 0.75                | 0.75                | 0.375                 | 0.562               | 33.0                  | 0.75                                 | 0.375               | 0.746                 | 57.2                                 | 35.3                | -21.5                 | 41.3  | 328.6 | 0.744 | 0.478 | 0.725 | 57.1  | 34.9  | -21.4 | 41.0  | 328.4 | 0.3   | 330   | 1.0   | 0.0   | 0.991 | 57.1  | 94.1  | -57.4  | 110.3 | 328.6 |      |
| 520 | B38R_087_050de      | 0.75                | 0.375               | 0.875               | 0.875               | 0.5                   | 0.625               | 31.6                  | 0.694                                | 0.375               | 0.875                 | 57.3                                 | 41.4                | -40.9                 | 58.2  | 315.3 | 0.714 | 0.467 | 0.868 | 57.2  | 41.2  | -41.0 | 58.1  | 315.1 | 0.2   | 309   | 0.638 | 0.0   | 1.0   | 43.2  | 82.9  | -81.9  | 116.5 | 315.3 |      |
| 521 | B30R_100_062de      | 0.75                | 0.375               | 1.0                 | 1.0                 | 0.625                 | 0.687               | 30.7                  | 0.466                                | 0.375               | 1.0                   | 55.3                                 | 47.7                | -63.7                 | 79.6  | 306.8 | 0.618 | 0.437 | 1.0   | 55.0  | 46.9  | -62.6 | 78.3  | 306.8 | 1.3   | 277   | 0.145 | 0.0   | 1.0   | 31.2  | 76.3  | -102.0 | 127.4 | 306.8 |      |
| 522 | R68Y_075_075de      | 0.75                | 0.5                 | 0.0                 | 0.75                | 0.75                  | 0.375               | 71                    | 0.75                                 | 0.469               | 0.0                   | 52.6                                 | 19.2                | 56.3                  | 59.5  | 71.1  | 0.728 | 0.461 | 0.056 | 52.5  | 18.9  | 57.0  | 60.0  | 71.6  | 0.7   | 68    | 1.0   | 0.626 | 0.0   | 70.1  | 25.6  | 75.1   | 79.3  | 71.1  |      |
| 523 | R61Y_075_062de      | 0.75                | 0.5                 | 0.125               | 0.75                | 0.625                 | 0.437               | 67                    |                                      |                     |                       |                                      |                     |                       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |        |       |       |      |

vedi file simili: <http://farbe.li.tu-berlin.de/PI32/PI32.HTM>  
informazioni tecniche: <http://www.ps.bam.de> o <http://130.149.60.45/~farbmetrik>

| n   | HIC*Fde        | rgb_Fde           | ict_Fde           | hsi_Fde | rgb*Fde           | LabCh*Fde       | rgb*Fde           | LabCh*Fde       | DE**Fde hsiMde | 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 0.23    | 44.5 68.5 32.6  | 0.864 0.053 0.232 | 44.3 68.9 32.4  | 76.1 25.2 0.4  | 375     | 0.263     |
| 568 | R36Y_087_087de | 0.875 0.0 0.125   | 0.875 0.875 0.437 | 382     | 0.875 0.0 0.315   | 44.8 69.4 20.6  | 0.863 0.055 0.317 | 44.6 69.7 20.2  | 72.6 16.1 0.5  | 369     | 0.36      |
| 569 | R23Y_087_087de | 0.875 0.0 0.25    | 0.875 0.875 0.437 | 374     | 0.875 0.0 0.395   | 45.3 70.7 9.5   | 0.865 0.049 0.395 | 45.1 71.2 9.0   | 71.7 7.2 0.6   | 363     | 0.452     |
| 570 | R08Y_087_087de | 0.875 0.0 0.375   | 0.875 0.875 0.437 | 365     | 0.875 0.0 0.487   | 45.9 72.4 -2.9  | 0.864 0.051 0.484 | 45.7 72.8 -3.5  | 72.8 35.7 1.7  | 356     | 0.557     |
| 571 | B70R_087_087de | 0.875 0.0 0.5     | 0.875 0.875 0.437 | 355     | 0.875 0.0 0.538   | 46.3 73.1 -9.8  | 0.863 0.059 0.534 | 46.1 73.5 -10.3 | 74.3 35.9 0.6  | 352     | 0.615     |
| 572 | B63R_087_087de | 0.875 0.0 0.625   | 0.875 0.875 0.437 | 346     | 0.875 0.0 0.632   | 47.2 75.5 -21.9 | 0.864 0.057 0.622 | 47.0 75.9 -22.0 | 79.0 34.7 0.4  | 345     | 0.723     |
| 573 | B56R_087_087de | 0.875 0.0 0.75    | 0.875 0.875 0.437 | 338     | 0.875 0.0 0.735   | 48.3 78.3 -34.5 | 0.862 0.061 0.722 | 48.0 78.6 -34.8 | 86.0 33.6 0.4  | 338     | 0.84      |
| 574 | B50R_087_087de | 0.875 0.0 0.875   | 0.875 0.875 0.437 | 330     | 0.875 0.0 0.867   | 50.0 82.3 -50.2 | 0.861 0.068 0.853 | 49.8 82.7 -50.5 | 96.9 32.0 0.4  | 330     | 0.991     |
| 575 | B44R_100_100de | 0.875 0.0 1.0     | 1.0 1.0 0.5       | 323     | 0.837 0.0 1.0     | 50.7 88.7 -69.4 | 0.837 0.0 1.0     | 50.6 88.6 -69.4 | 112.5 32.9 0.1 | 321     | 0.837     |
| 576 | R13Y_087_087de | 0.875 0.125 0.0   | 0.875 0.875 0.437 | 38      | 0.875 0.0 0.122   | 44.3 67.7 46.4  | 0.864 0.052 0.13  | 44.1 68.2 46.2  | 82.4 34.1 0.4  | 382     | 0.14      |
| 577 | R00Y_087_075de | 0.875 0.125 0.125 | 0.875 0.75 0.5    | 390     | 0.875 0.125 0.322 | 50.1 58.7 27.9  | 0.884 0.266 0.313 | 50.0 58.7 27.7  | 65.0 25.3 0.2  | 375     | 0.263     |
| 578 | R35Y_087_075de | 0.875 0.125 0.25  | 0.875 0.75 0.5    | 381     | 0.875 0.125 0.404 | 50.4 59.4 16.4  | 0.88 0.269 0.397  | 50.3 59.5 16.0  | 61.6 15.1 0.3  | 368     | 0.373     |
| 579 | R18Y_087_075de | 0.875 0.125 0.375 | 0.875 0.75 0.5    | 371     | 0.875 0.125 0.489 | 50.9 60.8 4.5   | 0.878 0.271 0.482 | 50.8 60.9 4.1   | 61.1 3.9 0.4   | 360     | 0.486     |
| 580 | R00Y_087_075de | 0.875 0.125 0.5   | 0.875 0.75 0.5    | 360     | 0.875 0.125 0.588 | 51.6 62.7 -8.7  | 0.874 0.275 0.579 | 51.5 62.7 -8.9  | 63.4 35.1 0.2  | 352     | 0.617     |
| 581 | B65R_087_075de | 0.875 0.125 0.625 | 0.875 0.75 0.5    | 349     | 0.875 0.125 0.639 | 52.1 64.1 -15.2 | 0.876 0.275 0.628 | 52.0 64.2 -15.2 | 66.0 34.6 0.1  | 347     | 0.686     |
| 582 | B57R_087_075de | 0.875 0.125 0.75  | 0.875 0.75 0.5    | 339     | 0.875 0.125 0.743 | 53.2 66.8 -28.1 | 0.874 0.28 0.731  | 53.0 67.0 -28.3 | 72.7 33.1 0.2  | 339     | 0.824     |
| 583 | B50R_087_075de | 0.875 0.125 0.875 | 0.875 0.75 0.5    | 330     | 0.875 0.125 0.868 | 54.8 70.6 -43.0 | 0.872 0.287 0.856 | 54.6 70.8 -43.3 | 83.0 32.8 0.3  | 330     | 0.991     |
| 584 | B43R_100_087de | 0.875 0.125 1.0   | 1.0 0.875 0.562   | 322     | 0.834 0.125 1.0   | 55.3 76.9 -62.2 | 0.847 0.271 1.0   | 55.2 76.9 -62.0 | 98.8 31.0 0.2  | 319     | 0.811     |
| 585 | R26Y_087_087de | 0.875 0.25 0.0    | 0.875 0.875 0.437 | 46      | 0.875 0.173 0.0   | 46.4 60.9 57.4  | 0.863 0.187 0.019 | 46.1 61.5 57.3  | 84.1 43.0 0.6  | 40      | 0.198     |
| 586 | R15Y_087_075de | 0.875 0.25 0.125  | 0.875 0.75 0.5    | 39      | 0.875 0.125 0.217 | 49.8 57.9 41.3  | 0.887 0.265 0.213 | 49.7 57.9 41.5  | 71.2 35.6 0.2  | 383     | 0.123     |
| 587 | R00Y_087_062de | 0.875 0.25 0.25   | 0.875 0.625 0.562 | 390     | 0.875 0.25 0.414  | 55.6 48.9 23.3  | 0.899 0.388 0.399 | 55.6 48.8 23.0  | 54.0 25.2 0.2  | 375     | 0.263     |
| 588 | R31Y_087_062de | 0.875 0.25 0.375  | 0.875 0.625 0.562 | 379     | 0.875 0.25 0.497  | 56.0 49.9 11.7  | 0.893 0.391 0.484 | 55.9 49.8 11.4  | 51.1 12.9 0.3  | 366     | 0.395     |
| 589 | R11Y_087_062de | 0.875 0.25 0.5    | 0.875 0.625 0.562 | 367     | 0.875 0.25 0.583  | 56.5 51.3 -0.1  | 0.888 0.394 0.57  | 56.4 51.2 -0.2  | 51.2 35.9 0.1  | 357     | 0.533     |
| 590 | B69R_087_062de | 0.875 0.25 0.625  | 0.875 0.625 0.562 | 353     | 0.875 0.25 0.648  | 57.0 52.5 -8.8  | 0.884 0.398 0.636 | 56.9 52.4 -8.7  | 53.1 35.0 0.1  | 350     | 0.637     |
| 591 | B59R_087_062de | 0.875 0.25 0.75   | 0.875 0.625 0.562 | 341     | 0.875 0.25 0.745  | 58.0 55.1 -21.1 | 0.882 0.403 0.734 | 57.9 55.0 -21.1 | 58.9 33.0 0.1  | 341     | 0.793     |
| 592 | B50R_087_062de | 0.875 0.25 0.875  | 0.875 0.625 0.562 | 330     | 0.875 0.25 0.869  | 59.5 58.8 -35.9 | 0.879 0.411 0.859 | 58.8 -35.9 68.9 | 32.8 0.1       | 330     | 0.991     |
| 593 | B42R_100_075de | 0.875 0.25 1.0    | 1.0 0.75 0.625    | 321     | 0.838 0.25 1.0    | 60.3 65.2 -54.6 | 0.861 0.401 1.0   | 60.2 65.0 -54.0 | 84.6 32.0 0.6  | 318     | 0.784     |
| 594 | R41Y_087_087de | 0.875 0.375 0.0   | 0.875 0.875 0.437 | 55      | 0.875 0.358 0.0   | 52.2 45.0 60.4  | 0.863 0.361 0.021 | 52.2 45.0 60.6  | 75.5 53.4 0.1  | 54      | 0.41      |
| 595 | R31Y_087_075de | 0.875 0.375 0.125 | 0.875 0.75 0.5    | 49      | 0.875 0.342 0.125 | 53.4 47.3 50.1  | 0.865 0.366 0.169 | 53.4 47.2 50.5  | 69.1 46.9 0.4  | 46      | 0.29      |
| 596 | R18Y_087_062de | 0.875 0.375 0.25  | 0.875 0.625 0.562 | 41      | 0.875 0.25 0.288  | 55.4 48.2 37.3  | 0.906 0.385 0.294 | 55.4 48.1 37.3  | 60.9 37.1 0.1  | 386     | 0.062     |
| 597 | R00Y_087_050de | 0.875 0.375 0.375 | 0.875 0.5 0.625   | 390     | 0.875 0.375 0.506 | 61.2 39.1 18.6  | 0.908 0.482 0.486 | 61.2 39.0 18.4  | 43.1 25.2 0.2  | 375     | 0.263     |
| 598 | R26Y_087_050de | 0.875 0.375 0.5   | 0.875 0.5 0.625   | 376     | 0.875 0.375 0.589 | 61.6 40.2 7.0   | 0.899 0.496 0.572 | 61.6 39.9 7.0   | 40.6 9.9 0.2   | 364     | 0.429     |
| 599 | R00Y_087_050de | 0.875 0.375 0.625 | 0.875 0.5 0.625   | 360     | 0.875 0.375 0.683 | 62.2 41.8 -5.8  | 0.889 0.502 0.67  | 62.2 41.4 -5.6  | 41.8 35.2 0.4  | 352     | 0.617     |
| 600 | B61R_087_050de | 0.875 0.375 0.75  | 0.875 0.5 0.625   | 344     | 0.875 0.375 0.748 | 62.8 43.3 -14.1 | 0.885 0.506 0.737 | 62.9 43.0 -14.0 | 45.2 34.9 0.3  | 344     | 0.747     |
| 601 | B50R_087_050de | 0.875 0.375 0.875 | 0.875 0.5 0.625   | 330     | 0.875 0.375 0.87  | 64.3 47.0 -28.7 | 0.884 0.515 0.86  | 64.3 46.8 -28.6 | 54.9 32.8 0.2  | 330     | 0.991     |
| 602 | B40R_100_062de | 0.875 0.375 1.0   | 1.0 0.625 0.687   | 319     | 0.83 0.375 1.0    | 64.8 53.3 -47.7 | 0.862 0.501 1.0   | 64.5 53.3 -47.1 | 71.2 31.8 0.6  | 314     | 0.729     |
| 603 | R58Y_087_087de | 0.875 0.5 0.0     | 0.875 0.875 0.437 | 65      | 0.875 0.483 0.0   | 58.0 30.5 63.9  | 0.863 0.481 0.024 | 58.0 30.3 64.2  | 71.0 64.6 0.2  | 63      | 0.552     |
| 604 | R50Y_087_075de | 0.875 0.5 0.125   | 0.875 0.75 0.5    | 60      | 0.875 0.49 0.125  | 59.2 32.0 53.1  | 0.88 0.49 0.19    | 59.2 31.7 53.6  | 62.3 59.3 0.6  | 59      | 0.487     |
| 605 | R38Y_087_062de | 0.875 0.5 0.25    | 0.875 0.625 0.562 | 53      | 0.875 0.487 0.25  | 60.3 34.0 42.5  | 0.898 0.495 0.296 | 60.3 34.1 42.6  | 54.6 51.3 0.2  | 52      | 0.379     |
| 606 | R23Y_087_050de | 0.875 0.5 0.375   | 0.875 0.5 0.625   | 44      | 0.875 0.426 0.375 | 61.4 37.2 32.4  | 0.918 0.498 0.387 | 61.4 37.0 32.3  | 49.1 41.0 0.2  | 35      | 0.102     |
| 607 | R00Y_087_037de | 0.875 0.5 0.5     | 0.875 0.375 0.687 | 390     | 0.875 0.5 0.598   | 66.8 29.3 13.9  | 0.908 0.586 0.574 | 66.6 29.3 13.8  | 32.4 25.2 0.1  | 375     | 0.263     |
| 608 | R18Y_087_037de | 0.875 0.5 0.625   | 0.875 0.375 0.687 | 371     | 0.875 0.5 0.682   | 67.1 30.4 2.2   | 0.895 0.59 0.663  | 67.0 30.4 2.2   | 30.5 4.2 0.1   | 360     | 0.486     |
| 609 | B65R_087_037de | 0.875 0.5 0.75    | 0.875 0.375 0.687 | 349     | 0.875 0.5 0.757   | 67.8 32.0 -7.6  | 0.888 0.595 0.743 | 67.6 32.1 -7.7  | 33.0 34.6 0.1  | 347     | 0.686     |
| 610 | B50R_087_037de | 0.875 0.5 0.875   | 0.875 0.375 0.687 | 330     | 0.875 0.5 0.871   | 69.1 35.3 -21.5 | 0.884 0.604 0.861 | 69.0 35.4 -21.6 | 41.5 32.8 0.2  | 330     | 0.991     |
| 611 | B38R_100_050de | 0.875 0.5 1.0     | 1.0 0.5 0.75      | 316     | 0.819 0.5 1.0     | 69.3 41.4 -40.9 | 0.855 0.595 1.0   | 69.0 41.1 -40.1 | 57.4 31.5 0.9  | 309     | 0.638     |
| 612 | R73Y_087_087de | 0.875 0.625 0.0   | 0.875 0.875 0.437 | 74      | 0.875 0.578 0.0   | 63.1 18.6 67.1  | 0.862 0.571 0.031 | 63.0 18.6 67.3  | 69.8 74.5 0.2  | 70      | 0.661     |
| 613 | R68Y_087_075de | 0.875 0.625 0.125 | 0.875 0.75 0.5    | 71      | 0.875 0.594 0.125 | 64.5 19.2 56.3  | 0.875 0.585 0.209 | 64.4 19.2 56.6  | 59.8 71.2 0.3  | 68      | 0.626     |
| 614 | R61Y_087_062de | 0.875 0.625 0.25  | 0.875 0.625 0.562 | 67      | 0.875 0.61 0.25   | 66.1 19.8 46.1  | 0.89 0.601 0.32   | 65.9 19.9 46.1  | 50.2 66.6 0.1  | 65      | 0.576     |
| 615 | R50Y_087_050de | 0.875 0.625 0.375 | 0.875 0.5 0.625   | 60      | 0.875 0.618 0.375 | 67.3 21.3 35.4  | 0.901 0.611 0.42  | 67.1 21.4 35.1  | 41.1 55.5 0.3  | 59      | 0.487     |
| 616 | R31Y_087_037de | 0.875 0.625 0.5   | 0.875 0.375 0.687 | 49      | 0.875 0.608 0.5   | 68.4 23.6 25.0  | 0.914 0.619 0.512 | 68.3 23.8 24.6  | 34.3 45.9 0.4  | 46      | 0.29      |
| 617 | R00Y_087_025de | 0.875 0.625 0.625 | 0.875 0.25 0.75   | 390     | 0.875 0.625 0.69  | 72.3 19.5 9.3   | 0.876 0.678 0.666 | 72.1 19.5 9.2   | 21.6 25.2 0.2  | 375     | 0.263     |
| 618 | R00Y_087_025de | 0.875 0.625 0.75  | 0.875 0.25 0.75   | 360     | 0.875 0.625 0.779 | 72.8 20.9 -2.9  | 0.884 0.683 0.763 | 72.6 20.9 -3.0  | 21.1 35.1 0.2  | 352     | 0.617     |
| 619 | B50R_087_025de | 0.875 0.625 0.875 | 0.875 0.25 0.75   | 330     | 0.875 0.625 0.872 | 73.9 23.5 -14.3 | 0.88 0.692 0.861  | 73.7 23.6 -14.5 | 27.7 32.8 0.2  | 330     | 0.991     |
| 620 | B34R_100_037de | 0.875 0.625 1.0   | 1.0 0.375 0.812   | 311     | 0.791 0.625 1.0   | 73.5 29.6 -34.5 | 0.841 0.677 1.0   | 73.2 29.2 -33.6 | 44.5 31.0 0.9  | 296     | 0.444     |
| 621 | R86Y_087_087de | 0.875 0.75 0.0    | 0.875 0.875 0.437 | 82      | 0.875 0.66 0.0    | 67.8 8.1 70.0   | 0.861 0.65 0.04   | 67.6 8.1 70.3   | 70.8 83.3 0.3  | 76      | 0.754     |
| 622 | R85Y_087_075de | 0.875 0.75 0.125  | 0.875 0.75 0.5    | 81      | 0.875 0.682 0.125 | 69.5 8.0 59.7   | 0.862 0.669 0.226 | 69.4 8.1 59.8   | 60.4 82.2 0.2  | 75      | 0.742     |
| 623 | R81Y_087_062de | 0.875 0.75 0.25   | 0.875 0.625 0.562 | 70      | 0.875 0.699 0.25  | 71.0 8.6 49.3   | 0.88 0.685 0.341  | 70.8 8.6 49.2   | 50.0 79.5 0.1  | 74      | 0.719     |
| 624 | R76Y_087_050de | 0.875 0.75 0.375  | 0.875 0.5 0.625   | 76      | 0.875 0.717 0.375 | 72.5 9.1 38.8   | 0.892 0.702 0.443 | 72.3 9.1 38.6   | 39.7 76.6 0.2  | 72      | 0.684     |
| 625 | R68Y_087_037de | 0.875 0.75 0.5    | 0.875 0.375 0.687 | 71      | 0.875 0.734 0.5   | 74.0 9.6 28.1   | 0.91 0.694 0.72   | 73.8 9.6 27.9   | 29.5 70.9 0.2  | 68      | 0.626     |
| 626 | R50Y_087_025de | 0.875 0.75 0.625  | 0.875 0.25 0.75   | 60      | 0.875 0.746 0.625 | 75.4 10.6 17.7  | 0.908 0.735 0.635 | 75.2 10.7 17.7  | 20.7 58.8 0.1  | 59      | 0.487     |
| 627 | R00Y_087_012de | 0.875 0.75 0.75   | 0.875 0.125 0.812 | 390     | 0.875 0.75 0.782  | 77.9 9.7 4.6    | 0.886 0.769 0.762 | 77.8 9.7 4.6    | 10.8 25.3 0.1  | 375     | 0.263     |
| 628 | B50R_087_012de | 0.875 0.75 0.875  | 0.875 0.125 0.812 | 330     | 0.875 0.75 0.873  | 78.7 11.7 -7.1  | 0.872 0.777 0.861 | 78.5 11.7 -7.2  | 13.8 32.8 0.1  | 330     | 0.991     |
| 629 | B25R_100_025de | 0.875 0.75 1      |                   |         |                   |                 |                   |                 |                |         |           |

| 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> | rgb*F <sub>de</sub> | LabCh*F <sub>de</sub> | DE*F <sub>de</sub> hsi <sub>de</sub> | rgb*F <sub>de</sub> | LabCh*F <sub>de</sub> |
|-----|---------------------|---------------------|----------------------------------|---------------------|---------------------|-----------------------|---------------------|-----------------------|--------------------------------------|---------------------|-----------------------|
| 648 | R00Y_100_100de      | 1.0 0.0 0.0         | 1.0 1.0 0.5                      | 390                 | 1.0 0.0 0.263       | 50.9 78.3 37.3        | 86.7 25.4           | 1.0 0.0 0.264         | 50.9 78.1 37.1                       | 86.5 25.4 0.2       | 375                   |
| 649 | R38Y_100_100de      | 1.0 0.0 0.125       | 1.0 1.0 0.5                      | 383                 | 1.0 0.0 0.348       | 51.2 79.3 25.2        | 83.2 17.6           | 1.0 0.0 0.35          | 51.2 78.9 25.0                       | 82.8 17.6 0.3       | 369                   |
| 650 | R26Y_100_100de      | 1.0 0.0 0.25        | 1.0 1.0 0.5                      | 376                 | 1.0 0.0 0.429       | 51.6 80.5 14.0        | 81.7 9.8            | 1.0 0.0 0.431         | 51.6 80.0 13.7                       | 81.2 9.7 0.6        | 364                   |
| 651 | R13Y_100_100de      | 1.0 0.0 0.375       | 1.0 1.0 0.5                      | 368                 | 1.0 0.0 0.521       | 52.2 81.8 1.3         | 81.8 0.9            | 1.0 0.0 0.522         | 52.2 81.5 1.1                        | 81.5 0.7 0.3        | 358                   |
| 652 | R00Y_100_100de      | 1.0 0.0 0.5         | 1.0 1.0 0.5                      | 360                 | 1.0 0.0 0.617       | 52.9 83.6 -11.6       | 84.4 352.0          | 1.0 0.0 0.616         | 52.9 83.4 -11.5                      | 84.2 352.1 0.1      | 352                   |
| 653 | B68R_100_100de      | 1.0 0.0 0.625       | 1.0 1.0 0.5                      | 352                 | 1.0 0.0 0.65        | 53.2 84.5 -15.7       | 85.9 349.4          | 1.0 0.0 0.647         | 53.2 84.1 -15.6                      | 85.6 349.4 0.3      | 350                   |
| 654 | B61R_100_100de      | 1.0 0.0 0.75        | 1.0 1.0 0.5                      | 344                 | 1.0 0.0 0.747       | 54.1 86.7 -28.3       | 91.2 341.8          | 1.0 0.0 0.746         | 54.1 86.6 -28.2                      | 91.1 341.9 0.1      | 344                   |
| 655 | B55R_100_100de      | 1.0 0.0 0.875       | 1.0 1.0 0.5                      | 337                 | 1.0 0.0 0.855       | 55.4 89.9 -41.4       | 99.0 335.2          | 1.0 0.0 0.854         | 55.3 89.7 -41.4                      | 98.8 335.1 0.2      | 337                   |
| 656 | B50R_100_100de      | 1.0 0.0 1.0         | 1.0 1.0 0.5                      | 330                 | 1.0 0.0 0.991       | 57.1 94.1 -57.4       | 110.3 328.6         | 1.0 0.0 0.991         | 57.1 94.0 -57.4                      | 110.2 328.5 0.0     | 330                   |
| 657 | R11Y_100_100de      | 1.0 0.125 0.0       | 1.0 1.0 0.5                      | 37                  | 1.0 0.0 0.156       | 50.6 77.6 50.9        | 92.9 33.2           | 1.0 0.0 0.157         | 50.6 77.3 51.2                       | 92.8 33.5 0.4       | 381                   |
| 658 | R00Y_100_087de      | 1.0 0.125 0.125     | 1.0 0.875 0.562                  | 390                 | 1.0 0.125 0.355     | 56.4 68.5 32.6        | 75.8 25.4           | 1.0 0.125 0.356       | 55.4 67.0 30.9                       | 73.8 24.8 2.4       | 375                   |
| 659 | R36Y_100_087de      | 1.0 0.125 0.25      | 1.0 0.875 0.562                  | 382                 | 1.0 0.125 0.44      | 56.8 69.4 20.6        | 72.4 16.5           | 1.0 0.125 0.434       | 55.8 68.1 18.7                       | 70.7 15.5 2.2       | 369                   |
| 660 | R23Y_100_087de      | 1.0 0.125 0.375     | 1.0 0.875 0.562                  | 374                 | 1.0 0.125 0.52      | 57.2 70.7 9.5         | 71.4 7.6            | 1.0 0.125 0.51        | 55.5 71.3 9.0                        | 71.8 7.2 1.8        | 363                   |
| 661 | R08Y_100_087de      | 1.0 0.125 0.5       | 1.0 0.875 0.562                  | 365                 | 1.0 0.125 0.612     | 57.8 72.4 -2.9        | 72.4 357.6          | 1.0 0.125 0.607       | 57.0 71.4 -4.2                       | 71.5 356.6 1.7      | 356                   |
| 662 | B70R_100_087de      | 1.0 0.125 0.625     | 1.0 0.875 0.562                  | 355                 | 1.0 0.125 0.663     | 58.2 73.1 -9.8        | 73.8 352.3          | 1.0 0.125 0.657       | 57.5 72.4 -10.8                      | 73.2 351.4 1.4      | 352                   |
| 663 | B63R_100_087de      | 1.0 0.125 0.75      | 1.0 0.875 0.562                  | 346                 | 1.0 0.125 0.753     | 59.1 75.5 -21.9       | 78.6 343.7          | 1.0 0.125 0.749       | 58.3 74.7 -22.1                      | 77.9 343.4 1.1      | 345                   |
| 664 | B56R_100_087de      | 1.0 0.125 0.875     | 1.0 0.875 0.562                  | 338                 | 1.0 0.125 0.86      | 60.2 78.3 -34.5       | 85.6 336.1          | 1.0 0.125 0.859       | 59.6 77.8 -35.6                      | 85.6 335.4 1.3      | 338                   |
| 665 | B50R_100_087de      | 1.0 0.125 1.0       | 1.0 0.875 0.562                  | 330                 | 1.0 0.125 0.992     | 61.9 82.3 -50.2       | 96.5 328.6          | 1.0 0.125 0.994       | 61.3 82.1 -51.2                      | 96.7 328.0 1.1      | 330                   |
| 666 | R23Y_100_100de      | 1.0 0.25 0.0        | 1.0 1.0 0.5                      | 44                  | 1.0 0.102 0.0       | 51.3 74.4 64.8        | 98.7 41.0           | 0.999 0.102 0.0       | 51.2 74.7 64.8                       | 98.9 40.9 0.2       | 35                    |
| 667 | R13Y_100_087de      | 1.0 0.25 0.125      | 1.0 0.875 0.562                  | 38                  | 1.0 0.125 0.247     | 56.2 67.7 46.4        | 82.1 34.3           | 1.0 0.125 0.242       | 55.0 66.0 44.7                       | 79.7 34.1 2.6       | 382                   |
| 668 | R00Y_100_075de      | 1.0 0.25 0.25       | 1.0 0.75 0.625                   | 390                 | 1.0 0.25 0.447      | 62.0 58.7 27.9        | 65.0 25.4           | 1.0 0.25 0.442        | 60.5 55.4 25.5                       | 61.0 24.7 4.3       | 375                   |
| 669 | R35Y_100_075de      | 1.0 0.25 0.375      | 1.0 0.75 0.625                   | 381                 | 1.0 0.25 0.529      | 62.3 59.4 16.4        | 61.6 15.4           | 1.0 0.25 0.521        | 60.9 56.4 16.4                       | 58.8 16.2 3.3       | 368                   |
| 670 | R18Y_100_075de      | 1.0 0.25 0.5        | 1.0 0.75 0.625                   | 371                 | 1.0 0.25 0.614      | 62.8 60.8 4.5         | 61.0 4.3            | 1.0 0.25 0.615        | 61.6 58.5 2.9                        | 58.6 2.8 3.0        | 360                   |
| 671 | R00Y_100_075de      | 1.0 0.25 0.625      | 1.0 0.75 0.625                   | 360                 | 1.0 0.25 0.713      | 63.5 62.7 -8.7        | 63.3 352.0          | 1.0 0.25 0.709        | 62.6 60.9 -10.1                      | 61.7 350.5 2.4      | 352                   |
| 672 | B65R_100_075de      | 1.0 0.25 0.75       | 1.0 0.75 0.625                   | 349                 | 1.0 0.25 0.764      | 64.0 64.1 -15.2       | 65.9 346.6          | 1.0 0.25 0.749        | 62.9 62.0 -15.1                      | 63.8 346.2 2.3      | 347                   |
| 673 | B57R_100_075de      | 1.0 0.25 0.875      | 1.0 0.75 0.625                   | 339                 | 1.0 0.25 0.868      | 65.1 66.8 -28.1       | 72.5 337.1          | 1.0 0.25 0.864        | 64.2 65.4 -29.5                      | 71.8 335.7 2.1      | 339                   |
| 674 | B50R_100_075de      | 1.0 0.25 1.0        | 1.0 0.75 0.625                   | 330                 | 1.0 0.25 0.993      | 66.7 70.6 -43.0       | 82.7 325.8          | 1.0 0.25 0.997        | 65.9 69.4 -44.3                      | 82.4 327.4 1.8      | 330                   |
| 675 | R36Y_100_100de      | 1.0 0.375 0.0       | 1.0 1.0 0.5                      | 52                  | 1.0 0.358 0.0       | 57.6 56.9 67.8        | 88.5 49.9           | 0.999 0.358 0.0       | 57.6 57.0 67.6                       | 88.4 49.8 0.1       | 50                    |
| 676 | R26Y_100_087de      | 1.0 0.375 0.125     | 1.0 0.875 0.562                  | 46                  | 1.0 0.298 0.125     | 58.3 60.9 57.4        | 83.7 43.3           | 1.0 0.344 0.161       | 57.2 59.0 56.4 81.7                  | 43.7 2.4 4.0        | 10                    |
| 677 | R15Y_100_075de      | 1.0 0.375 0.25      | 1.0 0.75 0.625                   | 39                  | 1.0 0.25 0.342      | 61.8 57.9 41.3        | 71.1 35.5           | 1.0 0.408 0.33        | 60.0 54.0 38.8                       | 66.5 35.6 4.8       | 383                   |
| 678 | R00Y_100_062de      | 1.0 0.375 0.375     | 1.0 0.625 0.687                  | 390                 | 1.0 0.375 0.539     | 67.6 48.9 23.3        | 54.2 25.4           | 1.0 0.5 0.5           | 64.7 46.4 21.9                       | 51.3 25.2 3.9       | 375                   |
| 679 | R31Y_100_062de      | 1.0 0.375 0.5       | 1.0 0.625 0.687                  | 379                 | 1.0 0.375 0.622     | 67.9 49.9 11.7        | 51.2 13.2           | 1.0 0.525 0.607       | 66.5 46.0 9.6                        | 47.0 11.8 4.6       | 366                   |
| 680 | R11Y_100_062de      | 1.0 0.375 0.625     | 1.0 0.625 0.687                  | 367                 | 1.0 0.375 0.708     | 68.4 51.3 -0.1        | 51.3 359.8          | 1.0 0.529 0.699       | 67.2 48.2 -1.8                       | 48.2 357.7 3.7      | 357                   |
| 681 | B69R_100_062de      | 1.0 0.375 0.75      | 1.0 0.625 0.687                  | 353                 | 1.0 0.375 0.773     | 68.9 52.5 -8.8        | 53.3 350.4          | 1.0 0.5 0.75          | 66.3 53.2 -10.2                      | 54.2 349.1 3.0      | 350                   |
| 682 | B59R_100_062de      | 1.0 0.375 0.875     | 1.0 0.625 0.687                  | 341                 | 1.0 0.375 0.87      | 69.9 55.1 -21.1       | 59.0 339.0          | 1.0 0.538 0.87        | 69.0 53.0 -22.5                      | 57.6 336.9 2.7      | 341                   |
| 683 | B50R_100_062de      | 1.0 0.375 1.0       | 1.0 0.625 0.687                  | 330                 | 1.0 0.375 0.994     | 71.5 58.8 -35.9       | 68.9 328.6          | 1.0 0.547 0.999       | 70.6 57.1 -37.2                      | 68.2 326.8 2.3      | 330                   |
| 684 | R50Y_100_100de      | 1.0 0.5 0.0         | 1.0 1.0 0.5                      | 60                  | 1.0 0.487 0.0       | 63.1 42.7 70.8        | 82.7 58.8           | 0.999 0.489 0.0       | 63.1 42.6 70.7                       | 82.5 58.9 0.1       | 59                    |
| 685 | R41Y_100_087de      | 1.0 0.5 0.125       | 1.0 0.875 0.562                  | 55                  | 1.0 0.483 0.125     | 64.2 45.0 60.4        | 75.4 53.3           | 1.0 0.493 0.18        | 63.5 42.7 60.1                       | 73.7 54.5 2.3       | 54                    |
| 686 | R31Y_100_075de      | 1.0 0.5 0.25        | 1.0 0.75 0.625                   | 49                  | 1.0 0.467 0.25      | 65.4 47.3 50.1        | 68.9 46.6           | 1.0 0.5 0.292         | 64.0 43.0 48.2                       | 64.6 48.2 4.8       | 46                    |
| 687 | R18Y_100_062de      | 1.0 0.5 0.375       | 1.0 0.625 0.687                  | 41                  | 1.0 0.375 0.413     | 67.3 48.2 37.3        | 61.0 37.7           | 1.0 0.5 0.375         | 64.2 44.1 38.0                       | 58.3 40.7 5.1       | 386                   |
| 688 | R00Y_100_050de      | 1.0 0.5 0.5         | 1.0 0.5 0.75                     | 390                 | 1.0 0.5 0.631       | 73.1 39.1 18.6        | 43.3 25.4           | 1.0 0.622 0.61        | 71.4 33.9 16.1                       | 37.6 25.4 5.9       | 375                   |
| 689 | R26Y_100_050de      | 1.0 0.5 0.625       | 1.0 0.5 0.75                     | 376                 | 1.0 0.5 0.714       | 73.5 40.2 7.0         | 40.8 9.8            | 1.0 0.623 0.7         | 72.0 36.5 4.7                        | 36.8 7.4 4.6        | 364                   |
| 690 | R00Y_100_050de      | 1.0 0.5 0.75        | 1.0 0.5 0.75                     | 360                 | 1.0 0.5 0.808       | 74.1 41.8 -5.8        | 42.2 352.0          | 1.0 0.623 0.804       | 72.6 40.0 -8.0                       | 40.8 348.5 3.2      | 352                   |
| 691 | B61R_100_050de      | 1.0 0.5 0.875       | 1.0 0.5 0.75                     | 344                 | 1.0 0.5 0.873       | 74.8 43.3 -14.1       | 45.6 341.8          | 1.0 0.623 0.873       | 73.2 42.6 -16.5                      | 45.7 338.7 2.9      | 344                   |
| 692 | B50R_100_050de      | 1.0 0.5 1.0         | 1.0 0.5 0.75                     | 330                 | 1.0 0.5 0.995       | 76.3 47.0 -28.7       | 55.1 328.6          | 1.0 0.645 1.0         | 75.4 45.0 -29.9                      | 54.1 326.3 2.5      | 330                   |
| 693 | R63Y_100_100de      | 1.0 0.625 0.0       | 1.0 1.0 0.5                      | 68                  | 1.0 0.589 0.0       | 68.2 30.2 74.2        | 80.1 67.8           | 1.0 0.588 0.0         | 68.1 30.4 73.7                       | 79.8 67.5 0.4       | 65                    |
| 694 | R58Y_100_087de      | 1.0 0.625 0.125     | 1.0 0.875 0.562                  | 65                  | 1.0 0.608 0.125     | 69.9 30.5 63.9        | 70.8 64.4           | 1.0 0.607 0.197       | 69.3 28.8 63.6                       | 69.9 65.6 1.8       | 63                    |
| 695 | R50Y_100_075de      | 1.0 0.625 0.25      | 1.0 0.75 0.625                   | 60                  | 1.0 0.615 0.25      | 71.1 32.0 53.1        | 62.0 58.8           | 1.0 0.618 0.318       | 70.1 28.7 51.8                       | 59.2 60.9 3.7       | 59                    |
| 696 | R38Y_100_062de      | 1.0 0.625 0.375     | 1.0 0.625 0.687                  | 53                  | 1.0 0.612 0.375     | 72.2 34.3 42.5        | 54.7 51.0           | 1.0 0.623 0.419       | 70.6 29.6 40.2                       | 49.9 53.6 5.5       | 52                    |
| 697 | R23Y_100_050de      | 1.0 0.625 0.5       | 1.0 0.5 0.75                     | 44                  | 1.0 0.551 0.5       | 73.3 37.2 32.4        | 49.3 41.0           | 1.0 0.625 0.5         | 71.0 31.0 30.2                       | 43.3 44.3 6.9       | 35                    |
| 698 | R00Y_100_037de      | 1.0 0.625 0.625     | 1.0 0.375 0.812                  | 390                 | 1.0 0.625 0.723     | 78.7 29.3 13.9        | 32.5 25.4           | 1.0 0.719 0.703       | 77.2 24.3 11.8                       | 27.1 25.9 5.6       | 375                   |
| 699 | R18Y_100_037de      | 1.0 0.625 0.75      | 1.0 0.375 0.812                  | 371                 | 1.0 0.625 0.807     | 79.1 30.4 2.2         | 30.5 4.3            | 1.0 0.723 0.797       | 78.0 26.9 0.6                        | 26.9 1.4 3.9        | 360                   |
| 700 | B65R_100_037de      | 1.0 0.625 0.875     | 1.0 0.375 0.812                  | 349                 | 1.0 0.625 0.882     | 79.7 32.0 -7.6        | 32.9 346.6          | 1.0 0.728 0.879       | 78.8 29.4 -8.9                       | 30.8 343.0 3.0      | 347                   |
| 701 | B50R_100_037de      | 1.0 0.625 1.0       | 1.0 0.375 0.812                  | 330                 | 1.0 0.625 0.996     | 81.0 35.3 -21.5       | 41.3 328.6          | 1.0 0.739 1.0         | 80.3 33.1 -22.4                      | 40.0 325.8 2.4      | 330                   |
| 702 | R76Y_100_100de      | 1.0 0.75 0.0        | 1.0 1.0 0.5                      | 76                  | 1.0 0.684 0.0       | 73.5 18.3 77.7        | 79.8 76.7           | 1.0 0.682 0.0         | 73.3 18.4 77.1                       | 79.3 76.5 0.5       | 72                    |
| 703 | R73Y_100_087de      | 1.0 0.75 0.125      | 1.0 0.875 0.562                  | 74                  | 1.0 0.703 0.125     | 75.0 18.6 67.1        | 69.7 74.4           | 1.0 0.7 0.7           | 74.5 17.0 66.9                       | 69.0 75.6 1.6       | 70                    |
| 704 | R68Y_100_075de      | 1.0 0.75 0.25       | 1.0 0.75 0.625                   | 71                  | 1.0 0.719 0.25      | 76.4 19.2 56.3        | 59.5 71.1           | 1.0 0.716 0.341       | 75.6 16.4 55.3                       | 57.7 73.4 3.0       | 68                    |
| 705 | R61Y_100_062de      | 1.0 0.75 0.375      | 1.0 0.625 0.687                  | 67                  | 1.0 0.735 0.375     | 78.0 19.8 46.1        | 50.2 66.6           | 1.0 0.734 0.446       | 76.9 15.9 44.5                       | 47.3 70.2 4.3       | 65                    |
| 706 | R50Y_100_050de      | 1.0 0.75 0.5        | 1.0 0.5 0.75                     | 60                  | 1.0 0.743 0.5       | 79.2 21.3 35.4        | 41.3 58.8           | 1.0 0.745 0.545       | 77.9 16.5 33.4                       | 37.3 63.6 5.3       | 59                    |
| 707 | R31Y_100_037de      | 1.0 0.75 0.625      | 1.0 0.375 0.812                  | 49                  | 1.0 0.733 0.625     | 80.4 23.6 25.0        | 34.4 46.6           | 1.0 0.75 0.625        | 78.5 18.1 24.0                       | 30.0 52.9 5.9       | 46                    |
| 708 | R00Y_100_025de      | 1.0 0.75 0.75       | 1.0 0.25 0.875                   | 390                 | 1.0 0.75 0.815      | 84.2 19.5 9.3         | 21.6 25.4           | 1.0 0.814 0.8         | 83.1 15.5 7.7                        | 17.3 26.4 4.5       | 375                   |
| 709 | R00Y_100_025de      | 1.0 0.75 0.875      | 1.0 0.25 0.875                   | 360                 | 1.0 0.75 0.904      | 84.7 20.9 -2.9        | 21.1 352.0          | 1.0 0.819 0.9         | 84.1 18.6 -3.9                       | 19.0 348.0 2.5      | 352                   |
| 710 | B50R_100_025de      | 1.0 0.75 1.0        | 1.0 0.25 0.875                   | 330                 | 1.0 0.75 0.997      | 85.8 23.5 -14.3       | 27.5 328.6          | 1.0 0.827 1.0         | 85.2 21.7 -15.0                      | 26.4 325.3 1.9      | 330                   |
| 711 | R88Y_100_100de      | 1.0 0.875 0.0       | 1.0 1.0 0.5                      | 83                  | 1.0 0.767 0.0       | 78.3 7.7 80.7         | 81.0 84.5           | 1.0 0.766 0.0         | 78.2 7.7 80.4</                      |                     |                       |

vedi file simili: <http://farbe.li.tu-berlin.de/PI32/PI32.HTM>  
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| 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> | rgb*F <sub>de</sub> | LabCh*F <sub>de</sub> | DE**F <sub>de</sub> hsi <sub>de</sub> | rgb**M <sub>de</sub> | LabCh**M <sub>de</sub> |         |
|-----|----------------------------|---------------------|----------------------------------|---------------------|---------------------|-----------------------|---------------------|-----------------------|---------------------------------------|----------------------|------------------------|---------|
| 729 | NW_100 <sub>de</sub>       | 1.0 1.0 1.0         | 1.0 0.0 1.0                      | 360                 | 1.0 1.0 1.0         | 95.4 0.0 0.0          | 0.0 0.0 0.0         | 1.0 1.0 1.0           | 95.4 0.0 0.0                          | 325.2 0.0            | 360                    |         |
| 730 | G50B_100_012 <sub>de</sub> | 0.875 1.0           | 1.0 1.0 0.125                    | 0.937               | 210                 | 0.875 0.986 1.0       | 93.3 -4.2 -3.2      | 5.3 216.9             | 0.924 0.987 1.0                       | 93.3 -4.3 -3.2       | 5.4 216.5              | 0.1 215 |
| 731 | G50B_100_025 <sub>de</sub> | 0.75 1.0            | 1.0 1.0 0.25                     | 0.875               | 210                 | 0.75 0.972 1.0        | 91.3 -8.5 -6.4      | 10.7 216.9            | 0.847 0.974 1.0                       | 91.2 -8.7 -6.4       | 10.8 216.1             | 0.2 215 |
| 732 | G50B_100_037 <sub>de</sub> | 0.625 1.0           | 1.0 1.0 0.375                    | 0.812               | 210                 | 0.625 0.958 1.0       | 89.2 -12.8 -9.6     | 16.0 216.9            | 0.765 0.961 1.0                       | 89.2 -13.1 -9.5      | 16.2 216.1             | 0.2 215 |
| 733 | G50B_100_050 <sub>de</sub> | 0.5 1.0             | 1.0 1.0 0.5                      | 0.75                | 210                 | 0.5 0.945 1.0         | 87.2 -17.1 -12.8    | 21.4 216.9            | 0.676 0.947 1.0                       | 87.1 -17.5 -12.7     | 21.7 216.0             | 0.4 215 |
| 734 | G50B_100_062 <sub>de</sub> | 0.375 1.0           | 1.0 1.0 0.625                    | 0.687               | 210                 | 0.375 0.931 1.0       | 85.2 -21.4 -16.1    | 26.8 216.9            | 0.581 0.933 1.0                       | 85.1 -21.8 -15.9     | 27.0 216.1             | 0.4 215 |
| 735 | G50B_100_075 <sub>de</sub> | 0.25 1.0            | 1.0 1.0 0.75                     | 0.625               | 210                 | 0.25 0.917 1.0        | 83.1 -25.6 -19.3    | 32.1 216.9            | 0.471 0.919 1.0                       | 83.1 -26.0 -19.0     | 32.2 216.2             | 0.4 215 |
| 736 | G50B_100_087 <sub>de</sub> | 0.125 1.0           | 1.0 1.0 0.875                    | 0.562               | 210                 | 0.125 0.903 1.0       | 81.1 -29.9 -22.5    | 37.5 216.9            | 0.322 0.905 1.0                       | 81.0 -30.4 -22.2     | 37.7 216.2             | 0.5 215 |
| 737 | G50B_100_100 <sub>de</sub> | 0.0 1.0             | 1.0 1.0 1.0                      | 0.5                 | 210                 | 0.0 0.89 1.0          | 79.0 -34.2 -25.7    | 42.8 216.9            | 0.0 0.89 1.0                          | 79.0 -34.1 -25.3     | 42.5 216.6             | 0.4 215 |
| 738 | RO0Y_100_012 <sub>de</sub> | 1.0 0.875           | 0.875 1.0 0.125                  | 0.937               | 390                 | 1.0 0.875 0.907       | 89.8 9.7 4.6        | 10.8 25.4             | 1.0 0.907 0.899                       | 89.2 7.3 3.7         | 8.3 27.1 2.6           | 37.5    |
| 739 | NW_087 <sub>de</sub>       | 0.875 0.875         | 0.875 1.0 0.875                  | 360                 | 0.875 0.875 0.875   | 83.4 0.0 0.0          | 0.0 0.0 0.0         | 0.858 0.86 88.6       | 83.3 0.0 0.0                          | 0.1 212.6 0.1        | 260                    |         |
| 740 | G50B_087_012 <sub>de</sub> | 0.75 0.875          | 0.875 0.875 0.125                | 0.812               | 210                 | 0.75 0.861 0.875      | 81.4 -4.2 -3.2      | 5.3 216.9             | 0.786 0.847 0.86                      | 81.3 -4.4 -3.2       | 5.5 216.4              | 0.1 215 |
| 741 | G50B_087_025 <sub>de</sub> | 0.625 0.875         | 0.875 0.875 0.25                 | 0.75                | 210                 | 0.625 0.847 0.875     | 79.4 -8.5 -6.4      | 10.7 216.9            | 0.707 0.835 0.86                      | 79.2 -8.9 -6.5       | 11.0 216.3             | 0.4 215 |
| 742 | G50B_087_037 <sub>de</sub> | 0.5 0.875           | 0.875 0.875 0.375                | 0.687               | 210                 | 0.5 0.833 0.875       | 77.3 -12.8 -9.6     | 16.0 216.9            | 0.629 0.822 0.861                     | 77.2 -13.0 -9.7      | 16.3 216.6             | 0.2 215 |
| 743 | G50B_087_050 <sub>de</sub> | 0.375 0.875         | 0.875 0.875 0.5                  | 0.625               | 210                 | 0.375 0.82 0.875      | 75.3 -17.1 -12.8    | 21.4 216.9            | 0.542 0.809 0.862                     | 75.2 -17.3 -12.9     | 21.6 216.8             | 0.2 215 |
| 744 | G50B_087_062 <sub>de</sub> | 0.25 0.875          | 0.875 0.875 0.625                | 0.562               | 210                 | 0.25 0.806 0.875      | 73.2 -21.4 -16.1    | 26.8 216.9            | 0.44 0.795 0.862                      | 73.1 -21.6 -16.2     | 27.0 216.8             | 0.2 215 |
| 745 | G50B_087_075 <sub>de</sub> | 0.125 0.875         | 0.875 0.875 0.75                 | 0.5                 | 210                 | 0.125 0.792 0.875     | 71.2 -25.6 -19.3    | 32.1 216.9            | 0.312 0.781 0.863                     | 71.1 -25.9 -19.4     | 32.3 216.8             | 0.2 215 |
| 746 | G50B_087_087 <sub>de</sub> | 0.0 0.875           | 0.875 0.875 0.875                | 0.437               | 210                 | 0.0 0.778 0.875       | 69.1 -29.9 -22.5    | 37.5 216.9            | 0.047 0.767 0.863                     | 69.0 -30.1 -22.6     | 37.7 216.8             | 0.2 215 |
| 747 | RO0Y_100_025 <sub>de</sub> | 1.0 0.75            | 0.75 1.0 0.25                    | 0.875               | 390                 | 1.0 0.75 0.815        | 84.2 19.5 9.3       | 21.6 25.4             | 1.0 0.814 0.8                         | 83.1 15.5 7.7        | 17.3 26.4 4.5          | 37.5    |
| 748 | RO0Y_087_012 <sub>de</sub> | 0.875 0.75          | 0.75 0.875 0.125                 | 0.812               | 390                 | 0.875 0.75 0.882      | 77.9 9.7 4.6        | 10.8 25.4             | 0.886 0.769 0.762                     | 77.8 9.7 4.6         | 10.8 25.3 0.1          | 375     |
| 749 | NW_075 <sub>de</sub>       | 0.75 0.75           | 0.75 1.0 0.75                    | 360                 | 0.75 0.75 0.75      | 71.5 0.0 0.0          | 0.0 0.0 0.0         | 0.721 0.724 0.724     | 71.3 -0.1 0.0                         | 0.2 207.8 0.2        | 360                    |         |
| 750 | G50B_075_012 <sub>de</sub> | 0.625 0.75          | 0.75 0.75 0.125                  | 0.687               | 210                 | 0.625 0.736 0.75      | 69.5 -4.2 -3.2      | 5.3 216.9             | 0.652 0.712 0.724                     | 69.3 -4.4 -3.2       | 5.5 216.2              | 0.2 215 |
| 751 | G50B_075_025 <sub>de</sub> | 0.5 0.75            | 0.75 0.75 0.25                   | 0.625               | 210                 | 0.5 0.722 0.75        | 67.4 -8.5 -6.4      | 10.7 216.9            | 0.576 0.7 0.725                       | 67.2 -8.8 -6.5       | 11.0 216.3             | 0.4 215 |
| 752 | G50B_075_037 <sub>de</sub> | 0.375 0.75          | 0.75 0.75 0.375                  | 0.562               | 210                 | 0.375 0.708 0.75      | 65.4 -12.8 -9.6     | 16.0 216.9            | 0.501 0.687 0.725                     | 65.3 -12.8 -9.6      | 16.0 216.8             | 0.1 215 |
| 753 | G50B_075_050 <sub>de</sub> | 0.25 0.75           | 0.75 0.75 0.5                    | 0.5                 | 210                 | 0.25 0.695 0.75       | 63.3 -17.1 -12.8    | 21.4 216.9            | 0.408 0.674 0.726                     | 63.2 -17.3 -12.9     | 21.6 216.8             | 0.2 215 |
| 754 | G50B_075_062 <sub>de</sub> | 0.125 0.75          | 0.75 0.75 0.625                  | 0.437               | 210                 | 0.125 0.681 0.75      | 61.3 -21.4 -16.1    | 26.8 216.9            | 0.294 0.661 0.726                     | 61.1 -21.7 -16.2     | 27.1 216.8             | 0.3 215 |
| 755 | G50B_075_075 <sub>de</sub> | 0.0 0.75            | 0.75 0.75 0.75                   | 0.375               | 210                 | 0.0 0.667 0.75        | 59.3 -25.6 -19.3    | 32.1 216.9            | 0.104 0.647 0.726                     | 59.1 -25.9 -19.4     | 32.4 216.8             | 0.3 215 |
| 756 | RO0Y_100_037 <sub>de</sub> | 1.0 0.625           | 0.625 1.0 0.375                  | 0.812               | 390                 | 1.0 0.625 0.723       | 78.7 29.3 13.9      | 32.5 25.4             | 1.0 0.719 0.703                       | 77.2 24.3 11.8       | 27.1 25.9 5.6          | 37.5    |
| 757 | RO0Y_087_025 <sub>de</sub> | 0.875 0.625         | 0.625 0.875 0.25                 | 0.75                | 390                 | 0.875 0.625 0.69      | 72.3 19.5 9.3       | 21.6 25.4             | 0.9 0.678 0.666                       | 72.1 19.5 9.2        | 21.6 25.2 0.2          | 375     |
| 758 | RO0Y_075_012 <sub>de</sub> | 0.75 0.625          | 0.625 0.75 0.125                 | 0.687               | 390                 | 0.75 0.625 0.657      | 65.9 9.7 4.6        | 10.8 25.4             | 0.749 0.637 0.629                     | 65.8 9.7 4.6         | 10.8 25.4 0.1          | 375     |
| 759 | NW_062 <sub>de</sub>       | 0.625 0.625         | 0.625 1.0 0.625                  | 360                 | 0.625 0.625 0.625   | 59.6 0.0 0.0          | 0.0 0.0 0.0         | 0.59 0.593 0.594      | 59.4 -0.2 -0.1                        | 0.3 206.3 0.3        | 360                    |         |
| 760 | G50B_062_012 <sub>de</sub> | 0.5 0.625           | 0.625 0.625 0.125                | 0.562               | 210                 | 0.5 0.611 0.625       | 57.5 -4.2 -3.2      | 5.3 216.9             | 0.524 0.583 0.594                     | 57.4 -4.4 -3.2       | 5.5 215.9              | 0.2 215 |
| 761 | G50B_062_025 <sub>de</sub> | 0.375 0.625         | 0.625 0.625 0.25                 | 0.5                 | 210                 | 0.375 0.597 0.625     | 55.5 -8.5 -6.4      | 10.7 216.9            | 0.449 0.571 0.595                     | 55.4 -9.0 -6.4       | 11.1 215.6             | 0.4 215 |
| 762 | G50B_062_037 <sub>de</sub> | 0.25 0.625          | 0.625 0.625 0.375                | 0.437               | 210                 | 0.25 0.583 0.625      | 53.5 -12.8 -9.6     | 16.0 216.9            | 0.371 0.559 0.595                     | 53.4 -13.2 -9.5      | 16.3 215.8             | 0.3 215 |
| 763 | G50B_062_050 <sub>de</sub> | 0.125 0.625         | 0.625 0.625 0.5                  | 0.375               | 210                 | 0.125 0.57 0.625      | 51.4 -17.1 -12.8    | 21.4 216.9            | 0.271 0.547 0.595                     | 51.4 -17.7 -12.7     | 21.8 215.7             | 0.6 215 |
| 764 | G50B_062_062 <sub>de</sub> | 0.0 0.625           | 0.625 0.625 0.625                | 0.312               | 210                 | 0.0 0.556 0.625       | 49.4 -21.4 -16.1    | 26.8 216.9            | 0.126 0.534 0.596                     | 49.4 -21.9 -15.9     | 27.1 215.9             | 0.5 215 |
| 765 | RO0Y_100_050 <sub>de</sub> | 1.0 0.5             | 0.5 1.0 0.5                      | 0.75                | 390                 | 1.0 0.5 0.631         | 73.1 39.1 18.6      | 43.3 25.4             | 1.0 0.622 0.61                        | 71.4 33.9 16.1       | 37.6 25.4 5.9          | 37.5    |
| 766 | RO0Y_087_037 <sub>de</sub> | 0.875 0.5           | 0.5 0.875 0.375                  | 0.687               | 390                 | 0.875 0.5 0.598       | 66.8 29.3 13.9      | 32.5 25.4             | 0.908 0.586 0.574                     | 66.6 29.3 13.8       | 32.4 25.2 0.1          | 375     |
| 767 | RO0Y_075_025 <sub>de</sub> | 0.75 0.5            | 0.5 0.75 0.25                    | 0.625               | 390                 | 0.75 0.5 0.565        | 60.4 19.5 9.3       | 21.6 25.4             | 0.76 0.549 0.54                       | 60.2 19.3 9.0        | 21.3 25.1 0.4          | 375     |
| 768 | RO0Y_062_012 <sub>de</sub> | 0.625 0.5           | 0.5 0.625 0.125                  | 0.562               | 390                 | 0.625 0.5 0.532       | 54.0 9.7 4.6        | 10.8 25.4             | 0.616 0.512 0.506                     | 54.1 9.4 4.4         | 10.4 25.3 0.3          | 375     |
| 769 | NW_050 <sub>de</sub>       | 0.5 0.5             | 0.5 1.0 0.5                      | 360                 | 0.5 0.5 0.5         | 47.7 0.0 0.0          | 0.0 0.0 0.0         | 0.466 0.47 0.471      | 47.7 -0.3 -0.1                        | 0.4 205.6 0.4        | 360                    |         |
| 770 | G50B_050_012 <sub>de</sub> | 0.375 0.5           | 0.5 0.5 0.125                    | 0.437               | 210                 | 0.375 0.486 0.5       | 45.6 -4.2 -3.2      | 5.3 216.9             | 0.4 0.459 0.471                       | 45.7 -4.7 -3.3       | 5.8 215.5              | 0.4 215 |
| 771 | G50B_050_025 <sub>de</sub> | 0.25 0.5            | 0.5 0.5 0.25                     | 0.375               | 210                 | 0.249 0.472 0.5       | 43.6 -8.5 -6.4      | 10.7 216.9            | 0.324 0.448 0.471                     | 43.6 -9.3 -6.6       | 11.5 215.3             | 0.8 215 |
| 772 | G50B_050_037 <sub>de</sub> | 0.125 0.5           | 0.5 0.5 0.375                    | 0.312               | 210                 | 0.124 0.458 0.5       | 41.5 -12.8 -9.6     | 16.0 216.9            | 0.243 0.437 0.472                     | 41.6 -13.4 -9.7      | 16.6 215.9             | 0.6 215 |
| 773 | G50B_050_050 <sub>de</sub> | 0.0 0.5             | 0.5 0.5 0.5                      | 0.25                | 210                 | 0.0 0.445 0.5         | 39.5 -17.1 -12.8    | 21.4 216.9            | 0.126 0.424 0.472                     | 39.6 -17.6 -12.9     | 21.9 216.1             | 0.5 215 |
| 774 | RO0Y_100_062 <sub>de</sub> | 1.0 0.375           | 0.375 1.0 0.625                  | 0.687               | 390                 | 1.0 0.375 0.539       | 67.6 48.9 23.3      | 54.2 25.4             | 1.0 0.5 0.5                           | 64.7 46.4 21.9       | 51.3 25.2 3.9          | 375     |
| 775 | RO0Y_087_050 <sub>de</sub> | 0.875 0.375         | 0.375 0.875 0.5                  | 0.625               | 390                 | 0.875 0.375 0.506     | 61.2 39.1 18.6      | 43.3 25.4             | 0.908 0.492 0.486                     | 61.2 39.0 18.4       | 43.1 25.2 0.2          | 375     |
| 776 | RO0Y_075_037 <sub>de</sub> | 0.75 0.375          | 0.375 0.75 0.375                 | 0.562               | 390                 | 0.75 0.375 0.473      | 54.8 29.3 13.9      | 32.5 25.4             | 0.765 0.459 0.451                     | 54.7 29.1 13.6       | 32.1 25.1 0.3          | 375     |
| 777 | RO0Y_062_025 <sub>de</sub> | 0.625 0.375         | 0.375 0.625 0.25                 | 0.5                 | 390                 | 0.625 0.375 0.44      | 48.5 19.5 9.3       | 21.6 25.4             | 0.624 0.425 0.417                     | 48.3 19.1 8.9        | 21.1 25.1 0.5          | 375     |
| 778 | RO0Y_050_012 <sub>de</sub> | 0.5 0.375           | 0.375 0.5 0.125                  | 0.437               | 390                 | 0.5 0.375 0.407       | 42.1 9.7 4.6        | 10.8 25.4             | 0.491 0.39 0.384                      | 42.2 9.7 4.5         | 10.7 25.2 0.1          | 375     |
| 779 | NW_037 <sub>de</sub>       | 0.375 0.375         | 0.375 1.0 0.375                  | 360                 | 0.375 0.375 0.375   | 35.7 0.0 0.0          | 0.0 0.0 0.0         | 0.345 0.35 0.35       | 35.7 -0.4 -0.2                        | 0.5 205.6 0.5        | 360                    |         |
| 780 | G50B_037_012 <sub>de</sub> | 0.25 0.375          | 0.375 0.375 0.125                | 0.312               | 210                 | 0.249 0.361 0.375     | 33.7 -4.2 -3.2      | 5.3 216.9             | 0.281 0.34 0.351                      | 33.6 -4.9 -3.4       | 6.0 215.0              | 0.6 215 |
| 781 | G50B_037_025 <sub>de</sub> | 0.125 0.375         | 0.375 0.375 0.25                 | 0.25                | 210                 | 0.124 0.347 0.375     | 31.6 -8.5 -6.4      | 10.7 216.9            | 0.204 0.329 0.351                     | 31.6 -9.6 -6.7       | 11.7 214.7             | 1.1 215 |
| 782 | G50B_037_037 <sub>de</sub> | 0.0 0.375           | 0.375 0.375 0.375                | 0.187               | 210                 | 0.0 0.333 0.375       | 29.6 -12.8 -9.6     | 16.0 216.9            | 0.108 0.318 0.351                     | 29.6 -13.8 -9.7      | 16.9 215.2             | 1.0 215 |
| 783 | RO0Y_100_075 <sub>de</sub> | 1.0 0.25            | 0.25 1.0 0.75                    | 0.625               | 390                 | 1.0 0.25 0.447        | 62.0 58.7 27.9      | 65.0 25.4             | 1.0 0.409 0.432                       | 60.5 55.4 25.5       | 61.0 24.7 4.3          | 375     |
| 784 | RO0Y_087_062 <sub>de</sub> | 0.875 0.25          | 0.25 0.875 0.625                 | 0.562               | 390                 | 0.875 0.25 0.414      | 55.6 48.9 23.3      | 54.2 25.4             | 0.899 0.388 0.399                     | 55.6 48.8 23.0       | 54.0 25.2 0.2          | 375     |
| 785 | RO0Y_075_050 <sub>de</sub> | 0.75 0.25           | 0.25 0.75 0.5                    | 0.5                 | 390                 | 0.75 0.25 0.381       | 49.3 39.1 18.6      | 43.3 25.4             | 0.762 0.363 0.365                     | 49.2 39.0 18.4       | 43.1 25.2 0.2          | 375     |
| 786 | RO0Y_062_037 <sub>de</sub> | 0.625 0.25          | 0.25 0.625 0.375                 | 0.437               | 390                 | 0.625 0.25 0.348      | 42.9 29.3 13.9      | 32.5 25.4             | 0.626 0.335 0.332                     | 42.7 29.2 13.6       | 32.2 25.0 0.4          | 375     |
| 787 | RO0Y_050_025 <sub>de</sub> | 0.5 0.25            | 0.25 0.5 0.25                    | 0.375               | 390                 | 0.5 0.249 0.315       | 36.5 19.5 9.3       | 21.6 25.4             | 0.497 0.305 0.3                       | 36.5 19.6 9.1        | 21.6 25.0 0.1          | 375     |

| 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> | rgb*F <sub>de</sub> | LabCh*F <sub>de</sub> | DE*F <sub>de</sub> hsi <sub>de</sub> | rgb*F <sub>de</sub> | LabCh*F <sub>de</sub> |               |                |                |
|-----|----------------------------|---------------------|---------------------|---------------------|---------------------|-----------------------|---------------------|-----------------------|--------------------------------------|---------------------|-----------------------|---------------|----------------|----------------|
| 810 | 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         | 95.4 0.0 0.0          | 0.0 0.0 0.0         | 0.0 0.0 0.0           | 0.0 0.0 0.0                          | 325.2 0.0 360       | 1.0 1.0 1.0           | 95.4 0.0 0.0  | 0.0 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 0.951 1.0     | 90.8 0.2 -7.0         | 7.0 271.7           | 0.918 0.947 1.0       | 90.7 0.0 -6.9                        | 6.9 270.0 0.2       | 232                   | 0.0 0.609 1.0 | 59.2 1.7 -56.6 | 56.6 271.7     |
| 812 | B00R_100_025 <sub>de</sub> | 0.75 0.75 1.0       | 1.0 0.25 0.875      | 270                 | 0.75 0.902 1.0      | 86.3 0.4 -14.1        | 14.1 271.7          | 0.837 0.897 1.0       | 86.2 0.1 -13.8                       | 13.8 270.5 0.4      | 232                   | 0.0 0.609 1.0 | 59.2 1.7 -56.6 | 56.6 271.7     |
| 813 | B00R_100_037 <sub>de</sub> | 0.625 0.625 1.0     | 1.0 0.375 0.812     | 270                 | 0.625 0.853 1.0     | 81.8 0.6 -21.2        | 21.2 271.7          | 0.752 0.846 1.0       | 81.7 0.3 -20.8                       | 20.8 270.9 0.5      | 232                   | 0.0 0.609 1.0 | 59.2 1.7 -56.6 | 56.6 271.7     |
| 814 | B00R_100_050 <sub>de</sub> | 0.5 0.5 1.0         | 1.0 0.5 0.75        | 270                 | 0.5 0.804 1.0       | 77.3 0.8 -28.3        | 28.3 271.7          | 0.66 0.797 1.0        | 77.1 0.3 -27.9                       | 27.9 270.8 0.6      | 232                   | 0.0 0.609 1.0 | 59.2 1.7 -56.6 | 56.6 271.7     |
| 815 | B00R_100_062 <sub>de</sub> | 0.375 0.375 1.0     | 1.0 0.625 0.687     | 270                 | 0.375 0.755 1.0     | 72.8 1.0 -35.3        | 35.3 271.7          | 0.564 0.748 1.0       | 72.6 0.7 -34.9                       | 34.9 271.2 0.5      | 232                   | 0.0 0.609 1.0 | 59.2 1.7 -56.6 | 56.6 271.7     |
| 816 | B00R_100_075 <sub>de</sub> | 0.25 0.25 1.0       | 1.0 0.75 0.625      | 270                 | 0.25 0.707 1.0      | 68.2 1.2 -42.4        | 42.4 271.7          | 0.45 0.701 1.0        | 68.1 0.9 -42.1                       | 42.1 271.2 0.5      | 232                   | 0.0 0.609 1.0 | 59.2 1.7 -56.6 | 56.6 271.7     |
| 817 | B00R_100_087 <sub>de</sub> | 0.125 0.125 1.0     | 1.0 0.875 0.562     | 270                 | 0.125 0.658 1.0     | 63.7 1.5 -49.5        | 49.5 271.7          | 0.304 0.654 1.0       | 63.5 1.1 -49.3                       | 49.3 271.4 0.4      | 232                   | 0.0 0.609 1.0 | 59.2 1.7 -56.6 | 56.6 271.7     |
| 818 | B00R_100_100 <sub>de</sub> | 0.0 0.0 1.0         | 1.0 1.0 0.5         | 270                 | 0.0 0.609 1.0       | 59.2 1.7 -56.6        | 56.6 271.7          | 0.0 0.609 1.0         | 59.2 2.0 -56.3                       | 56.3 272.1 0.4      | 232                   | 0.0 0.609 1.0 | 59.2 1.7 -56.6 | 56.6 271.7     |
| 819 | Y00G_100_012 <sub>de</sub> | 1.0 1.0 0.875       | 1.0 0.125 0.937     | 90                  | 1.0 0.982 0.875     | 93.9 -0.4 10.5        | 10.5 92.3           | 1.0 0.98 0.898        | 93.6 -1.7 10.1                       | 10.3 99.7 1.4       | 82                    | 1.0 0.856 0.0 | 83.7 -3.4      | 84.5 84.5 92.3 |
| 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   | 83.4 0.0 0.0          | 0.0 0.0             | 0.858 0.86 0.86       | 83.3 0.0 0.0                         | 0.1 212.6 0.1       | 360                   | 1.0 1.0 1.0   | 95.4 0.0 0.0   | 0.0 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 0.826 0.875    | 78.9 0.2 -7.0         | 7.0 271.7           | 0.78 0.809 0.862      | 78.8 0.1 -7.2                        | 7.2 270.8 0.2       | 232                   | 0.0 0.609 1.0 | 59.2 1.7 -56.6 | 56.6 271.7     |
| 822 | B00R_087_025 <sub>de</sub> | 0.625 0.625 0.875   | 0.875 0.25 0.75     | 270                 | 0.625 0.777 0.875   | 74.4 0.4 -14.1        | 14.1 271.7          | 0.701 0.76 0.864      | 74.3 0.3 -14.3                       | 14.3 271.2 0.2      | 232                   | 0.0 0.609 1.0 | 59.2 1.7 -56.6 | 56.6 271.7     |
| 823 | B00R_087_037 <sub>de</sub> | 0.5 0.5 0.875       | 0.875 0.375 0.687   | 270                 | 0.5 0.728 0.875     | 69.9 0.6 -21.2        | 21.2 271.7          | 0.616 0.711 0.864     | 69.7 0.5 -21.3                       | 21.3 271.3 0.2      | 232                   | 0.0 0.609 1.0 | 59.2 1.7 -56.6 | 56.6 271.7     |
| 824 | B00R_087_050 <sub>de</sub> | 0.375 0.375 0.875   | 0.875 0.5 0.625     | 270                 | 0.375 0.679 0.875   | 65.4 0.8 -28.3        | 28.3 271.7          | 0.527 0.664 0.864     | 65.2 0.8 -28.4                       | 28.4 271.6 0.2      | 232                   | 0.0 0.609 1.0 | 59.2 1.7 -56.6 | 56.6 271.7     |
| 825 | B00R_087_062 <sub>de</sub> | 0.25 0.25 0.875     | 0.875 0.625 0.562   | 270                 | 0.25 0.63 0.875     | 60.8 1.0 -35.3        | 35.3 271.7          | 0.424 0.617 0.864     | 60.7 1.0 -35.5                       | 35.5 271.6 0.2      | 232                   | 0.0 0.609 1.0 | 59.2 1.7 -56.6 | 56.6 271.7     |
| 826 | B00R_087_075 <sub>de</sub> | 0.125 0.125 0.875   | 0.875 0.75 0.5      | 270                 | 0.125 0.582 0.875   | 56.3 1.2 -42.4        | 42.4 271.7          | 0.294 0.573 0.863     | 56.2 0.9 -42.5                       | 42.5 271.2 0.4      | 232                   | 0.0 0.609 1.0 | 59.2 1.7 -56.6 | 56.6 271.7     |
| 827 | B00R_087_087 <sub>de</sub> | 0.0 0.0 0.875       | 0.875 0.875 0.437   | 270                 | 0.0 0.533 0.875     | 51.8 1.5 -49.5        | 49.5 271.7          | 0.033 0.53 0.862      | 51.8 0.9 -49.4                       | 49.4 271.1 0.5      | 232                   | 0.0 0.609 1.0 | 59.2 1.7 -56.6 | 56.6 271.7     |
| 828 | Y00G_100_025 <sub>de</sub> | 1.0 1.0 0.75        | 1.0 0.25 0.875      | 90                  | 1.0 0.964 0.75      | 92.4 -0.8 21.1        | 21.1 92.3           | 1.0 0.961 0.797       | 91.9 -3.1 20.4                       | 20.7 98.7 2.4       | 82                    | 1.0 0.856 0.0 | 83.7 -3.4      | 84.5 84.5 92.3 |
| 829 | Y00G_087_012 <sub>de</sub> | 0.875 0.875 0.75    | 0.875 0.125 0.812   | 90                  | 0.875 0.857 0.75    | 82.0 -0.4 10.5        | 10.5 92.3           | 0.873 0.841 0.761     | 81.9 -0.5 10.5                       | 10.5 92.8 0.1       | 82                    | 1.0 0.856 0.0 | 83.7 -3.4      | 84.5 84.5 92.3 |
| 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      | 71.5 0.0 0.0          | 0.0 0.0             | 0.721 0.724 0.724     | 71.3 -0.1 0.0                        | 0.2 207.8 0.2       | 360                   | 1.0 1.0 1.0   | 95.4 0.0 0.0   | 0.0 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 0.701 0.75    | 67.0 0.2 -7.0         | 7.0 271.7           | 0.646 0.675 0.726     | 66.8 0.0 -7.2                        | 7.2 270.5 0.2       | 232                   | 0.0 0.609 1.0 | 59.2 1.7 -56.6 | 56.6 271.7     |
| 832 | B00R_075_025 <sub>de</sub> | 0.5 0.5 0.75        | 0.75 0.25 0.625     | 270                 | 0.5 0.652 0.75      | 62.5 0.4 -14.1        | 14.1 271.7          | 0.57 0.628 0.728      | 62.3 0.4 -14.3                       | 14.3 271.6 0.2      | 232                   | 0.0 0.609 1.0 | 59.2 1.7 -56.6 | 56.6 271.7     |
| 833 | B00R_075_037 <sub>de</sub> | 0.375 0.375 0.75    | 0.75 0.375 0.562    | 270                 | 0.375 0.603 0.75    | 57.9 0.6 -21.2        | 21.2 271.7          | 0.487 0.582 0.728     | 57.9 0.4 -21.2                       | 21.2 271.3 0.1      | 232                   | 0.0 0.609 1.0 | 59.2 1.7 -56.6 | 56.6 271.7     |
| 834 | B00R_075_050 <sub>de</sub> | 0.25 0.25 0.75      | 0.75 0.5 0.5        | 270                 | 0.25 0.554 0.75     | 53.4 0.8 -28.3        | 28.3 271.7          | 0.394 0.538 0.728     | 53.4 0.4 -28.1                       | 28.1 270.8 0.4      | 232                   | 0.0 0.609 1.0 | 59.2 1.7 -56.6 | 56.6 271.7     |
| 835 | B00R_075_062 <sub>de</sub> | 0.125 0.125 0.75    | 0.75 0.625 0.437    | 270                 | 0.125 0.505 0.75    | 48.9 1.0 -35.3        | 35.3 271.7          | 0.282 0.494 0.727     | 48.9 0.4 -35.1                       | 35.1 270.7 0.6      | 232                   | 0.0 0.609 1.0 | 59.2 1.7 -56.6 | 56.6 271.7     |
| 836 | B00R_075_075 <sub>de</sub> | 0.0 0.0 0.75        | 0.75 0.75 0.375     | 270                 | 0.0 0.457 0.75      | 44.4 1.2 -42.4        | 42.4 271.7          | 0.08 0.451 0.726      | 44.4 0.3 -42.3                       | 42.3 270.5 0.9      | 232                   | 0.0 0.609 1.0 | 59.2 1.7 -56.6 | 56.6 271.7     |
| 837 | Y00G_100_037 <sub>de</sub> | 1.0 1.0 0.625       | 1.0 0.375 0.812     | 90                  | 1.0 0.946 0.625     | 91.0 -1.2 31.6        | 31.7 92.3           | 1.0 0.943 0.696       | 90.4 -4.1 30.9                       | 31.2 97.6 3.0       | 82                    | 1.0 0.856 0.0 | 83.7 -3.4      | 84.5 84.5 92.3 |
| 838 | Y00G_087_025 <sub>de</sub> | 0.875 0.875 0.625   | 0.875 0.25 0.75     | 90                  | 0.875 0.839 0.625   | 80.5 -0.8 21.1        | 21.1 92.3           | 0.881 0.823 0.663     | 80.4 -1.0 21.2                       | 21.2 92.8 0.2       | 82                    | 1.0 0.856 0.0 | 83.7 -3.4      | 84.5 84.5 92.3 |
| 839 | Y00G_075_012 <sub>de</sub> | 0.75 0.75 0.625     | 0.75 0.125 0.687    | 90                  | 0.75 0.732 0.625    | 70.0 -0.4 10.5        | 10.5 92.3           | 0.736 0.706 0.629     | 69.9 -0.5 10.5                       | 10.5 93.0 0.2       | 82                    | 1.0 0.856 0.0 | 83.7 -3.4      | 84.5 84.5 92.3 |
| 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   | 59.6 0.0 0.0          | 0.0 0.0             | 0.59 0.593 0.594      | 59.4 -0.2 -0.1                       | 0.3 206.3 0.3       | 360                   | 1.0 1.0 1.0   | 95.4 0.0 0.0   | 0.0 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 0.576 0.625     | 55.1 0.2 -7.0         | 7.0 271.7           | 0.52 0.548 0.595      | 55.0 0.0 -7.0                        | 7.0 269.2 0.3       | 232                   | 0.0 0.609 1.0 | 59.2 1.7 -56.6 | 56.6 271.7     |
| 842 | B00R_062_025 <sub>de</sub> | 0.375 0.375 0.625   | 0.625 0.25 0.5      | 270                 | 0.375 0.527 0.625   | 50.5 0.4 -14.1        | 14.1 271.7          | 0.445 0.504 0.597     | 50.6 0.0 -14.0                       | 14.0 270.1 0.4      | 232                   | 0.0 0.609 1.0 | 59.2 1.7 -56.6 | 56.6 271.7     |
| 843 | B00R_062_037 <sub>de</sub> | 0.25 0.25 0.625     | 0.625 0.375 0.437   | 270                 | 0.25 0.478 0.625    | 46.0 0.6 -21.2        | 21.2 271.7          | 0.359 0.459 0.597     | 46.0 0.0 -21.0                       | 21.0 270.0 0.6      | 232                   | 0.0 0.609 1.0 | 59.2 1.7 -56.6 | 56.6 271.7     |
| 844 | B00R_062_050 <sub>de</sub> | 0.125 0.125 0.625   | 0.625 0.5 0.375     | 270                 | 0.125 0.429 0.625   | 41.5 0.8 -28.3        | 28.3 271.7          | 0.261 0.416 0.597     | 41.5 0.2 -28.1                       | 28.1 270.4 0.6      | 232                   | 0.0 0.609 1.0 | 59.2 1.7 -56.6 | 56.6 271.7     |
| 845 | B00R_062_062 <sub>de</sub> | 0.0 0.0 0.625       | 0.625 0.625 0.312   | 270                 | 0.0 0.38 0.625      | 37.0 1.0 -35.3        | 35.3 271.7          | 0.123 0.374 0.596     | 37.0 0.7 -35.2                       | 35.2 271.1 0.4      | 232                   | 0.0 0.609 1.0 | 59.2 1.7 -56.6 | 56.6 271.7     |
| 846 | Y00G_100_050 <sub>de</sub> | 1.0 1.0 0.5         | 1.0 0.5 0.75        | 90                  | 1.0 0.928 0.5       | 89.5 -1.7 42.2        | 42.2 92.3           | 1.0 0.925 0.594       | 88.9 -4.7 41.4                       | 41.7 96.5 3.2       | 82                    | 1.0 0.856 0.0 | 83.7 -3.4      | 84.5 84.5 92.3 |
| 847 | Y00G_087_037 <sub>de</sub> | 0.875 0.875 0.5     | 0.875 0.375 0.687   | 90                  | 0.875 0.821 0.5     | 79.1 -1.2 31.6        | 31.7 92.3           | 0.885 0.804 0.566     | 78.9 -1.4 31.5                       | 31.6 92.5 0.2       | 82                    | 1.0 0.856 0.0 | 83.7 -3.4      | 84.5 84.5 92.3 |
| 848 | Y00G_075_025 <sub>de</sub> | 0.75 0.75 0.5       | 0.75 0.25 0.625     | 90                  | 0.75 0.714 0.5      | 68.6 -0.8 21.1        | 21.1 92.3           | 0.744 0.688 0.536     | 68.4 -0.8 20.8                       | 20.8 92.4 0.3       | 82                    | 1.0 0.856 0.0 | 83.7 -3.4      | 84.5 84.5 92.3 |
| 849 | Y00G_062_012 <sub>de</sub> | 0.625 0.625 0.5     | 0.625 0.125 0.562   | 90                  | 0.625 0.607 0.5     | 58.1 -0.4 10.5        | 10.5 92.3           | 0.604 0.577 0.505     | 58.0 -0.5 10.1                       | 10.2 93.3 0.4       | 82                    | 1.0 0.856 0.0 | 83.7 -3.4      | 84.5 84.5 92.3 |
| 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         | 47.7 0.0 0.0          | 0.0 0.0             | 0.466 0.47 0.471      | 47.7 -0.3 -0.1                       | 0.4 205.6 0.4       | 360                   | 1.0 1.0 1.0   | 95.4 0.0 0.0   | 0.0 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 0.451 0.5     | 43.1 0.2 -7.0         | 7.0 271.7           | 0.396 0.426 0.472     | 43.2 -0.2 -7.2                       | 7.2 268.4 0.4       | 232                   | 0.0 0.609 1.0 | 59.2 1.7 -56.6 | 56.6 271.7     |
| 852 | B00R_050_025 <sub>de</sub> | 0.25 0.25 0.5       | 0.5 0.25 0.375      | 270                 | 0.249 0.402 0.5     | 38.6 0.4 -14.1        | 14.1 271.7          | 0.32 0.382 0.473      | 38.6 0.0 -14.4                       | 14.4 269.8 0.5      | 232                   | 0.0 0.609 1.0 | 59.2 1.7 -56.6 | 56.6 271.7     |
| 853 | B00R_050_037 <sub>de</sub> | 0.125 0.125 0.5     | 0.5 0.375 0.312     | 270                 | 0.124 0.353 0.5     | 34.1 0.6 -21.2        | 21.2 271.7          | 0.232 0.34 0.473      | 34.1 0.0 -21.5                       | 21.5 270.2 0.6      | 232                   | 0.0 0.609 1.0 | 59.2 1.7 -56.6 | 56.6 271.7     |
| 854 | B00R_050_050 <sub>de</sub> | 0.0 0.0 0.5         | 0.5 0.5 0.25        | 270                 | 0.0 0.304 0.5       | 29.6 0.8 -28.3        | 28.3 271.7          | 0.112 0.3 0.473       | 29.6 0.1 -28.5                       | 28.5 270.3 0.7      | 232                   | 0.0 0.609 1.0 | 59.2 1.7 -56.6 | 56.6 271.7     |
| 855 | Y00G_100_062 <sub>de</sub> | 1.0 1.0 0.375       | 1.0 0.625 0.687     | 90                  | 1.0 0.91 0.375      | 88.1 -2.1 52.8        | 52.8 92.3           | 1.0 0.907 0.492       | 87.4 -4.9 51.7                       | 52.0 95.4 3.0       | 82                    | 1.0 0.856 0.0 | 83.7 -3.4      | 84.5 84.5 92.3 |
| 856 | Y00G_087_050 <sub>de</sub> | 0.875 0.875 0.375   | 0.875 0.5 0.625     | 90                  | 0.875 0.803 0.375   | 77.6 -1.7 42.2        | 42.2 92.3           | 0.885 0.787 0.467     | 77.5 -1.7 42.0                       | 42.0 92.3 0.2       | 82                    | 1.0 0.856 0.0 | 83.7 -3.4      | 84.5 84.5 92.3 |
| 857 | Y00G_075_037 <sub>de</sub> | 0.75 0.75 0.375     | 0.75 0.375 0.562    | 90                  | 0.75 0.696 0.375    | 67.1 -1.2 31.6        | 31.7 92.3           | 0.746 0.671 0.441     | 67.0 -1.3 31.4                       | 31.4 92.5 0.2       | 82                    | 1.0 0.856 0.0 | 83.7 -3.4      | 84.5 84.5 92.3 |
| 858 | Y00G_062_025 <sub>de</sub> | 0.625 0.625 0.375   | 0.625 0.25 0.5      | 90                  | 0.625 0.589 0.375   | 56.7 -0.8 21.1        | 21.1 92.3           | 0.61 0.56 0.413       | 56.6 -1.1 20.8                       | 20.9                |                       |               |                |                |

| 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> | rgb*F <sub>de</sub> | LabCh*F <sub>de</sub> | DE**F <sub>de</sub> hsi <sub>de</sub> | rgb*M <sub>de</sub> | LabCh*M <sub>de</sub> |               |                 |             |
|-----|----------------------------|---------------------|---------------------|---------------------|---------------------|-----------------------|---------------------|-----------------------|---------------------------------------|---------------------|-----------------------|---------------|-----------------|-------------|
| 891 | NW_100 <sub>de</sub>       | 1.0 1.0 1.0         | 1.0 0.0 1.0         | 360                 | 1.0 1.0 1.0         | 95.4 0.0 0.0          | 0.0 0.0 0.0         | 1.0 1.0 1.0           | 95.4 0.0 0.0                          | 360                 | 1.0 1.0 1.0           | 95.4 0.0 0.0  |                 |             |
| 892 | B50R_100_012 <sub>de</sub> | 1.0 0.875 1.0       | 1.0 0.125 0.937     | 330                 | 1.0 0.875 0.998     | 90.6 11.7 -7.1        | 13.7 328.6          | 1.0 0.914 1.0         | 90.3 10.6 -7.4                        | 13.0 324.9 1.1      | 330                   | 1.0 0.0 0.991 | 57.1 94.1 -57.4 | 110.3 328.6 |
| 893 | B50R_100_025 <sub>de</sub> | 1.0 0.75 1.0        | 1.0 0.25 0.875      | 330                 | 1.0 0.75 0.997      | 85.8 23.5 -14.3       | 27.5 328.6          | 1.0 0.827 1.0         | 85.2 21.7 -15.0                       | 26.4 325.3 1.9      | 330                   | 1.0 0.0 0.991 | 57.1 94.1 -57.4 | 110.3 328.6 |
| 894 | B50R_100_037 <sub>de</sub> | 1.0 0.625 1.0       | 1.0 0.375 0.812     | 330                 | 1.0 0.625 0.996     | 81.0 35.3 -21.5       | 41.3 328.6          | 1.0 0.739 1.0         | 80.3 33.1 -22.4                       | 40.0 325.8 2.4      | 330                   | 1.0 0.0 0.991 | 57.1 94.1 -57.4 | 110.3 328.6 |
| 895 | B50R_100_050 <sub>de</sub> | 1.0 0.5 1.0         | 1.0 0.5 0.75        | 330                 | 1.0 0.5 0.995       | 76.3 47.0 -28.7       | 55.1 328.6          | 1.0 0.645 1.0         | 75.4 45.0 -29.9                       | 54.1 326.3 2.5      | 330                   | 1.0 0.0 0.991 | 57.1 94.1 -57.4 | 110.3 328.6 |
| 896 | B50R_100_062 <sub>de</sub> | 1.0 0.375 1.0       | 1.0 0.625 0.687     | 330                 | 1.0 0.375 0.994     | 71.5 58.8 -35.9       | 68.9 328.6          | 1.0 0.547 0.999       | 70.6 57.1 -37.2                       | 68.2 326.8 2.3      | 330                   | 1.0 0.0 0.991 | 57.1 94.1 -57.4 | 110.3 328.6 |
| 897 | B50R_100_075 <sub>de</sub> | 1.0 0.25 1.0        | 1.0 0.75 0.625      | 330                 | 1.0 0.25 0.993      | 66.7 70.6 -43.0       | 82.7 328.6          | 1.0 0.436 0.997       | 65.9 69.4 -44.2                       | 82.4 327.4 1.8      | 330                   | 1.0 0.0 0.991 | 57.1 94.1 -57.4 | 110.3 328.6 |
| 898 | B50R_100_087 <sub>de</sub> | 1.0 0.125 1.0       | 1.0 0.875 0.562     | 330                 | 1.0 0.125 0.992     | 61.9 82.3 -50.2       | 96.5 328.6          | 1.0 0.296 0.994       | 61.3 82.1 -51.2                       | 96.7 328.0 1.1      | 330                   | 1.0 0.0 0.991 | 57.1 94.1 -57.4 | 110.3 328.6 |
| 899 | B50R_100_100 <sub>de</sub> | 1.0 0.0 1.0         | 1.0 1.0 0.5         | 330                 | 1.0 0.0 0.991       | 57.1 94.1 -57.4       | 110.3 328.6         | 1.0 0.0 0.991         | 57.1 94.0 -57.4                       | 110.2 328.5 0.0     | 330                   | 1.0 0.0 0.991 | 57.1 94.1 -57.4 | 110.3 328.6 |
| 900 | GO0B_100_012 <sub>de</sub> | 0.875 1.0 0.875     | 1.0 0.125 0.937     | 150                 | 0.875 1.0 0.963     | 94.1 -8.0 2.5         | 8.4 162.2           | 0.922 1.0 0.963       | 93.8 -7.7 2.1                         | 8.0 164.2 0.5       | 193                   | 0.0 1.0 0.706 | 85.1 -64.6 20.7 | 67.9 162.2  |
| 901 | NW_087 <sub>de</sub>       | 0.875 0.875 0.875   | 0.875 0.0 0.875     | 360                 | 0.875 0.875 0.875   | 83.4 0.0 0.0          | 0.0 0.0 0.0         | 0.858 0.86 0.86       | 83.3 0.0 0.0                          | 0.1 212.6 0.1       | 360                   | 1.0 1.0 1.0   | 95.4 0.0 0.0    | 0.0 0.0 0.0 |
| 902 | B50R_087_012 <sub>de</sub> | 0.875 0.75 0.875    | 0.875 0.125 0.812   | 330                 | 0.875 0.75 0.873    | 78.7 11.7 -7.1        | 13.7 328.6          | 0.872 0.777 0.861     | 78.5 11.7 -7.2                        | 13.8 328.2 0.1      | 330                   | 1.0 0.0 0.991 | 57.1 94.1 -57.4 | 110.3 328.6 |
| 903 | B50R_087_025 <sub>de</sub> | 0.875 0.625 0.875   | 0.875 0.25 0.75     | 330                 | 0.875 0.625 0.872   | 73.9 23.5 -14.3       | 27.5 328.6          | 0.88 0.692 0.861      | 73.7 23.6 -14.5                       | 27.7 328.3 0.2      | 330                   | 1.0 0.0 0.991 | 57.1 94.1 -57.4 | 110.3 328.6 |
| 904 | B50R_087_037 <sub>de</sub> | 0.875 0.5 0.875     | 0.875 0.375 0.687   | 330                 | 0.875 0.5 0.871     | 69.1 35.3 -21.5       | 41.3 328.6          | 0.884 0.604 0.861     | 69.0 35.4 -21.6                       | 41.5 328.5 0.2      | 330                   | 1.0 0.0 0.991 | 57.1 94.1 -57.4 | 110.3 328.6 |
| 905 | B50R_087_050 <sub>de</sub> | 0.875 0.375 0.875   | 0.875 0.5 0.625     | 330                 | 0.875 0.375 0.87    | 64.3 47.0 -28.7       | 55.1 328.6          | 0.884 0.515 0.86      | 64.3 46.8 -28.6                       | 54.9 328.5 0.2      | 330                   | 1.0 0.0 0.991 | 57.1 94.1 -57.4 | 110.3 328.6 |
| 906 | B50R_087_062 <sub>de</sub> | 0.875 0.25 0.875    | 0.875 0.625 0.562   | 330                 | 0.875 0.25 0.869    | 59.5 58.8 -35.9       | 68.9 328.6          | 0.879 0.411 0.859     | 59.5 58.8 -35.9                       | 68.9 328.5 0.1      | 330                   | 1.0 0.0 0.991 | 57.1 94.1 -57.4 | 110.3 328.6 |
| 907 | B50R_087_075 <sub>de</sub> | 0.875 0.125 0.875   | 0.875 0.75 0.5      | 330                 | 0.875 0.125 0.868   | 54.8 70.6 -43.0       | 82.7 328.6          | 0.872 0.287 0.856     | 54.6 70.8 -43.3                       | 83.0 328.5 0.3      | 330                   | 1.0 0.0 0.991 | 57.1 94.1 -57.4 | 110.3 328.6 |
| 908 | B50R_087_087 <sub>de</sub> | 0.875 0.0 0.875     | 0.875 0.875 0.437   | 330                 | 0.875 0.0 0.867     | 50.0 82.3 -50.2       | 96.5 328.6          | 0.861 0.068 0.853     | 49.8 82.7 -50.5                       | 96.9 328.5 0.4      | 330                   | 1.0 0.0 0.991 | 57.1 94.1 -57.4 | 110.3 328.6 |
| 909 | GO0B_100_025 <sub>de</sub> | 0.75 1.0 0.75       | 1.0 0.25 0.875      | 150                 | 0.75 1.0 0.926      | 92.8 -16.1 5.1        | 16.9 162.2          | 0.844 1.0 0.926       | 92.2 -15.5 4.5                        | 16.2 163.7 0.9      | 193                   | 0.0 1.0 0.706 | 85.1 -64.6 20.7 | 67.9 162.2  |
| 910 | GO0B_087_012 <sub>de</sub> | 0.75 0.875 0.75     | 0.875 0.125 0.812   | 150                 | 0.75 0.875 0.838    | 82.2 -8.0 2.5         | 8.4 162.2           | 0.784 0.863 0.824     | 82.1 -8.2 2.5                         | 8.6 162.7 0.2       | 193                   | 0.0 1.0 0.706 | 85.1 -64.6 20.7 | 67.9 162.2  |
| 911 | NW_075 <sub>de</sub>       | 0.75 0.75 0.75      | 0.75 0.0 0.75       | 360                 | 0.75 0.75 0.75      | 71.5 0.0 0.0          | 0.0 0.0 0.0         | 0.721 0.724 0.724     | 71.3 -0.1 0.0                         | 0.2 207.8 0.2       | 360                   | 1.0 1.0 1.0   | 95.4 0.0 0.0    | 0.0 0.0 0.0 |
| 912 | B50R_075_012 <sub>de</sub> | 0.75 0.625 0.75     | 0.75 0.125 0.687    | 330                 | 0.75 0.625 0.748    | 66.7 11.7 -7.1        | 13.7 328.6          | 0.734 0.644 0.725     | 66.5 11.6 -7.3                        | 13.7 328.0 0.2      | 330                   | 1.0 0.0 0.991 | 57.1 94.1 -57.4 | 110.3 328.6 |
| 913 | B50R_075_025 <sub>de</sub> | 0.75 0.5 0.75       | 0.75 0.25 0.625     | 330                 | 0.75 0.5 0.747      | 62.0 23.5 -14.3       | 27.5 328.6          | 0.741 0.562 0.728     | 61.8 23.3 -14.4                       | 27.4 328.2 0.2      | 330                   | 1.0 0.0 0.991 | 57.1 94.1 -57.4 | 110.3 328.6 |
| 914 | B50R_075_037 <sub>de</sub> | 0.75 0.375 0.75     | 0.75 0.375 0.562    | 330                 | 0.75 0.375 0.746    | 57.2 35.3 -21.5       | 41.3 328.6          | 0.744 0.478 0.725     | 57.1 34.9 -21.4                       | 41.0 328.4 0.3      | 330                   | 1.0 0.0 0.991 | 57.1 94.1 -57.4 | 110.3 328.6 |
| 915 | B50R_075_050 <sub>de</sub> | 0.75 0.25 0.75      | 0.75 0.5 0.5        | 330                 | 0.75 0.25 0.745     | 52.4 47.0 -28.7       | 55.1 328.6          | 0.743 0.385 0.724     | 52.4 46.7 -28.6                       | 54.8 328.4 0.3      | 330                   | 1.0 0.0 0.991 | 57.1 94.1 -57.4 | 110.3 328.6 |
| 916 | B50R_075_062 <sub>de</sub> | 0.75 0.125 0.75     | 0.75 0.625 0.437    | 330                 | 0.75 0.125 0.744    | 47.6 58.8 -35.9       | 68.9 328.6          | 0.736 0.274 0.723     | 47.4 58.8 -36.0                       | 69.0 328.5 0.2      | 330                   | 1.0 0.0 0.991 | 57.1 94.1 -57.4 | 110.3 328.6 |
| 917 | B50R_075_075 <sub>de</sub> | 0.75 0.0 0.75       | 0.75 0.75 0.375     | 330                 | 0.75 0.0 0.743      | 42.8 70.6 -43.0       | 82.7 328.6          | 0.727 0.108 0.719     | 42.6 70.7 -43.3                       | 82.9 328.5 0.3      | 330                   | 1.0 0.0 0.991 | 57.1 94.1 -57.4 | 110.3 328.6 |
| 918 | GO0B_100_037 <sub>de</sub> | 0.625 1.0 0.625     | 1.0 0.375 0.812     | 150                 | 0.625 1.0 0.889     | 91.5 -24.2 7.7        | 25.4 162.2          | 0.764 1.0 0.874       | 90.9 -24.0 8.8                        | 25.6 159.8 1.2      | 193                   | 0.0 1.0 0.706 | 85.1 -64.6 20.7 | 67.9 162.2  |
| 919 | GO0B_087_025 <sub>de</sub> | 0.625 0.875 0.625   | 0.875 0.25 0.75     | 150                 | 0.625 0.875 0.801   | 80.9 -16.1 5.1        | 16.9 162.2          | 0.706 0.865 0.788     | 80.7 -16.4 5.0                        | 17.1 162.8 0.3      | 193                   | 0.0 1.0 0.706 | 85.1 -64.6 20.7 | 67.9 162.2  |
| 920 | GO0B_075_012 <sub>de</sub> | 0.625 0.75 0.625    | 0.75 0.125 0.687    | 150                 | 0.625 0.75 0.713    | 70.2 -8.0 2.5         | 8.4 162.2           | 0.65 0.728 0.689      | 70.1 -8.3 2.5                         | 8.7 162.8 0.3       | 193                   | 0.0 1.0 0.706 | 85.1 -64.6 20.7 | 67.9 162.2  |
| 921 | NW_062 <sub>de</sub>       | 0.625 0.625 0.625   | 0.625 0.0 0.625     | 360                 | 0.625 0.625 0.625   | 59.6 0.0 0.0          | 0.0 0.0 0.0         | 0.59 0.593 0.594      | 59.4 -0.2 -0.1                        | 0.3 206.3 0.3       | 360                   | 1.0 1.0 1.0   | 95.4 0.0 0.0    | 0.0 0.0 0.0 |
| 922 | B50R_062_012 <sub>de</sub> | 0.625 0.5 0.625     | 0.625 0.125 0.562   | 330                 | 0.625 0.5 0.623     | 54.8 11.7 -7.1        | 13.7 328.6          | 0.602 0.518 0.595     | 54.8 11.2 -7.1                        | 13.3 327.7 0.5      | 330                   | 1.0 0.0 0.991 | 57.1 94.1 -57.4 | 110.3 328.6 |
| 923 | B50R_062_025 <sub>de</sub> | 0.625 0.375 0.625   | 0.625 0.25 0.5      | 330                 | 0.625 0.375 0.62    | 50.0 23.5 -14.3       | 27.5 328.6          | 0.608 0.438 0.595     | 49.9 23.1 -14.4                       | 27.2 328.0 0.4      | 330                   | 1.0 0.0 0.991 | 57.1 94.1 -57.4 | 110.3 328.6 |
| 924 | B50R_062_037 <sub>de</sub> | 0.625 0.25 0.625    | 0.625 0.375 0.437   | 330                 | 0.625 0.25 0.621    | 45.2 35.3 -21.5       | 41.3 328.6          | 0.609 0.351 0.595     | 45.1 35.1 -21.7                       | 41.2 328.2 0.2      | 330                   | 1.0 0.0 0.991 | 57.1 94.1 -57.4 | 110.3 328.6 |
| 925 | B50R_062_050 <sub>de</sub> | 0.625 0.125 0.625   | 0.625 0.5 0.375     | 330                 | 0.625 0.125 0.62    | 40.5 47.0 -28.7       | 55.1 328.6          | 0.605 0.256 0.593     | 40.4 46.8 -28.8                       | 55.0 328.3 0.2      | 330                   | 1.0 0.0 0.991 | 57.1 94.1 -57.4 | 110.3 328.6 |
| 926 | B50R_062_062 <sub>de</sub> | 0.625 0.0 0.625     | 0.625 0.625 0.312   | 330                 | 0.625 0.0 0.619     | 35.7 58.8 -35.9       | 68.9 328.6          | 0.597 0.124 0.591     | 35.6 58.6 -36.0                       | 68.8 328.4 0.2      | 330                   | 1.0 0.0 0.991 | 57.1 94.1 -57.4 | 110.3 328.6 |
| 927 | GO0B_100_050 <sub>de</sub> | 0.5 1.0 0.5         | 1.0 0.5 0.75        | 150                 | 0.5 1.0 0.853       | 90.2 -32.3 10.3       | 33.9 162.2          | 0.673 1.0 0.853       | 89.6 -31.6 9.5                        | 33.0 163.2 1.2      | 193                   | 0.0 1.0 0.706 | 85.1 -64.6 20.7 | 67.9 162.2  |
| 928 | GO0B_087_037 <sub>de</sub> | 0.5 0.875 0.5       | 0.875 0.375 0.687   | 150                 | 0.5 0.875 0.764     | 79.6 -24.2 7.7        | 25.4 162.2          | 0.627 0.867 0.752     | 79.5 -24.3 7.7                        | 25.6 162.2 0.1      | 193                   | 0.0 1.0 0.706 | 85.1 -64.6 20.7 | 67.9 162.2  |
| 929 | GO0B_075_025 <sub>de</sub> | 0.5 0.75 0.5        | 0.75 0.25 0.625     | 150                 | 0.5 0.75 0.676      | 68.9 -16.1 5.1        | 16.9 162.2          | 0.575 0.729 0.655     | 68.8 -16.3 5.0                        | 17.1 162.7 0.2      | 193                   | 0.0 1.0 0.706 | 85.1 -64.6 20.7 | 67.9 162.2  |
| 930 | GO0B_062_012 <sub>de</sub> | 0.5 0.625 0.5       | 0.625 0.125 0.562   | 150                 | 0.5 0.625 0.588     | 58.3 -8.0 2.5         | 8.4 162.2           | 0.523 0.597 0.561     | 58.2 -8.1 2.4                         | 8.5 163.5 0.2       | 193                   | 0.0 1.0 0.706 | 85.1 -64.6 20.7 | 67.9 162.2  |
| 931 | NW_050 <sub>de</sub>       | 0.5 0.5 0.5         | 0.5 0.0 0.5         | 360                 | 0.5 0.5 0.5         | 47.7 0.0 0.0          | 0.0 0.0 0.0         | 0.466 0.47 0.471      | 47.7 -0.3 -0.1                        | 0.4 205.6 0.4       | 360                   | 1.0 1.0 1.0   | 95.4 0.0 0.0    | 0.0 0.0 0.0 |
| 932 | B50R_050_012 <sub>de</sub> | 0.5 0.375 0.5       | 0.5 0.125 0.437     | 330                 | 0.5 0.375 0.498     | 42.9 11.7 -7.1        | 13.7 328.6          | 0.478 0.396 0.472     | 42.9 11.5 -7.3                        | 13.7 327.3 0.2      | 330                   | 1.0 0.0 0.991 | 57.1 94.1 -57.4 | 110.3 328.6 |
| 933 | B50R_050_025 <sub>de</sub> | 0.5 0.25 0.5        | 0.5 0.25 0.375      | 330                 | 0.5 0.249 0.497     | 38.1 23.5 -14.3       | 27.5 328.6          | 0.482 0.316 0.472     | 38.0 23.6 -14.8                       | 27.9 327.9 0.4      | 330                   | 1.0 0.0 0.991 | 57.1 94.1 -57.4 | 110.3 328.6 |
| 934 | B50R_050_037 <sub>de</sub> | 0.5 0.125 0.5       | 0.5 0.375 0.312     | 330                 | 0.5 0.124 0.496     | 33.3 35.3 -21.5       | 41.3 328.6          | 0.481 0.229 0.471     | 33.2 35.6 -22.0                       | 41.9 328.2 0.6      | 330                   | 1.0 0.0 0.991 | 57.1 94.1 -57.4 | 110.3 328.6 |
| 935 | B50R_050_050 <sub>de</sub> | 0.5 0.0 0.5         | 0.5 0.5 0.25        | 330                 | 0.5 0.0 0.495       | 28.5 47.0 -28.7       | 55.1 328.6          | 0.475 0.121 0.469     | 28.5 47.2 -29.1                       | 55.4 328.3 0.4      | 330                   | 1.0 0.0 0.991 | 57.1 94.1 -57.4 | 110.3 328.6 |
| 936 | GO0B_100_062 <sub>de</sub> | 0.375 1.0 0.375     | 1.0 0.625 0.687     | 150                 | 0.375 1.0 0.816     | 88.9 -40.4 12.9       | 42.4 162.2          | 0.576 1.0 0.816       | 88.4 -39.8 12.1                       | 41.6 162.9 1.1      | 193                   | 0.0 1.0 0.706 | 85.1 -64.6 20.7 | 67.9 162.2  |
| 937 | GO0B_087_050 <sub>de</sub> | 0.375 0.875 0.375   | 0.875 0.5 0.625     | 150                 | 0.375 0.875 0.728   | 78.3 -32.3 10.3       | 33.9 162.2          | 0.539 0.867 0.716     | 78.2 -32.5 10.4                       | 34.1 162.1 0.2      | 193                   | 0.0 1.0 0.706 | 85.1 -64.6 20.7 | 67.9 162.2  |
| 938 | GO0B_075_037 <sub>de</sub> | 0.375 0.75 0.375    | 0.75 0.375 0.562    | 150                 | 0.375 0.75 0.639    | 67.7 -24.2 7.7        | 25.4 162.2          | 0.499 0.731 0.62      | 67.6 -24.1 7.8                        | 25.4 161.9 0.1      | 193                   | 0.0 1.0 0.706 | 85.1 -64.6 20.7 | 67.9 162.2  |
| 939 |                            |                     |                     |                     |                     |                       |                     |                       |                                       |                     |                       |               |                 |             |

vedi file simili: <http://farbe.li.tu-berlin.de/PI32/PI32.HTM>  
informazioni tecniche: <http://www.ps.bam.de> o <http://130.149.60.45/~farbmetrik>

| 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> | rgb*F <sub>de</sub> | LabCh*F <sub>de</sub> | DE**F <sub>de</sub> hsiM <sub>de</sub> | rgb*M <sub>de</sub> | LabCh*M <sub>de</sub> |
|------|---------------------|---------------------|---------------------|---------------------|---------------------|-----------------------|---------------------|-----------------------|----------------------------------------|---------------------|-----------------------|
| 972  | NW_000de            | 0.0 0.0 0.0         | 0.0 0.0 0.0         | 0.0 360             | 0.0 0.0 0.0         | 0.0 0.0 0.0           | 0.0 0.0 0.0         | 0.0 0.0 0.0           | 0.0 0.0 360                            | 1.0 1.0 1.0         | 95.4 0.0 0.0          |
| 973  | NW_012de            | 0.125 0.125 0.125   | 0.125 0.125 0.125   | 0.125 360           | 0.125 0.125 0.125   | 11.9 0.0 0.0          | 0.0 0.0 0.0         | 0.129 0.132 0.132     | 198.6 0.2 360                          | 1.0 1.0 1.0         | 95.4 0.0 0.0          |
| 974  | NW_025de            | 0.25 0.25 0.25      | 0.25 0.25 0.25      | 0.25 360            | 0.25 0.25 0.25      | 23.8 0.0 0.0          | 0.0 0.0 0.0         | 0.232 0.236 0.237     | 207.2 0.4 360                          | 1.0 1.0 1.0         | 95.4 0.0 0.0          |
| 975  | NW_037de            | 0.375 0.375 0.375   | 0.375 0.375 0.375   | 0.375 360           | 0.375 0.375 0.375   | 35.7 0.0 0.0          | 0.0 0.0 0.0         | 0.345 0.35 0.35       | 205.6 0.5 360                          | 1.0 1.0 1.0         | 95.4 0.0 0.0          |
| 976  | NW_050de            | 0.5 0.5 0.5         | 0.5 0.5 0.5         | 0.5 360             | 0.5 0.5 0.5         | 47.7 0.0 0.0          | 0.0 0.0 0.0         | 0.466 0.47 0.471      | 205.6 0.4 360                          | 1.0 1.0 1.0         | 95.4 0.0 0.0          |
| 977  | NW_062de            | 0.625 0.625 0.625   | 0.625 0.625 0.625   | 0.625 360           | 0.625 0.625 0.625   | 59.6 0.0 0.0          | 0.0 0.0 0.0         | 0.59 0.593 0.594      | 206.3 0.3 360                          | 1.0 1.0 1.0         | 95.4 0.0 0.0          |
| 978  | NW_075de            | 0.75 0.75 0.75      | 0.75 0.75 0.75      | 0.75 360            | 0.75 0.75 0.75      | 71.5 0.0 0.0          | 0.0 0.0 0.0         | 0.721 0.724 0.724     | 207.8 0.2 360                          | 1.0 1.0 1.0         | 95.4 0.0 0.0          |
| 979  | NW_087de            | 0.875 0.875 0.875   | 0.875 0.875 0.875   | 0.875 360           | 0.875 0.875 0.875   | 83.4 0.0 0.0          | 0.0 0.0 0.0         | 0.858 0.86 0.86       | 212.6 0.1 360                          | 1.0 1.0 1.0         | 95.4 0.0 0.0          |
| 980  | NW_100de            | 1.0 1.0 1.0         | 1.0 1.0 1.0         | 1.0 360             | 1.0 1.0 1.0         | 95.4 0.0 0.0          | 0.0 0.0 0.0         | 1.0 1.0 1.0           | 325.2 0.0 360                          | 1.0 1.0 1.0         | 95.4 0.0 0.0          |
| 981  | NW_000de            | 0.0 0.0 0.0         | 0.0 0.0 0.0         | 0.0 360             | 0.0 0.0 0.0         | 0.0 0.0 0.0           | 0.0 0.0 0.0         | 0.0 0.0 0.0           | 0.0 0.0 360                            | 1.0 1.0 1.0         | 95.4 0.0 0.0          |
| 982  | NW_012de            | 0.125 0.125 0.125   | 0.125 0.125 0.125   | 0.125 360           | 0.125 0.125 0.125   | 11.9 0.0 0.0          | 0.0 0.0 0.0         | 0.129 0.132 0.132     | 198.6 0.2 360                          | 1.0 1.0 1.0         | 95.4 0.0 0.0          |
| 983  | NW_025de            | 0.25 0.25 0.25      | 0.25 0.25 0.25      | 0.25 360            | 0.25 0.25 0.25      | 23.8 0.0 0.0          | 0.0 0.0 0.0         | 0.232 0.236 0.237     | 207.2 0.4 360                          | 1.0 1.0 1.0         | 95.4 0.0 0.0          |
| 984  | NW_037de            | 0.375 0.375 0.375   | 0.375 0.375 0.375   | 0.375 360           | 0.375 0.375 0.375   | 35.7 0.0 0.0          | 0.0 0.0 0.0         | 0.345 0.35 0.35       | 205.6 0.5 360                          | 1.0 1.0 1.0         | 95.4 0.0 0.0          |
| 985  | NW_050de            | 0.5 0.5 0.5         | 0.5 0.5 0.5         | 0.5 360             | 0.5 0.5 0.5         | 47.7 0.0 0.0          | 0.0 0.0 0.0         | 0.466 0.47 0.471      | 205.6 0.4 360                          | 1.0 1.0 1.0         | 95.4 0.0 0.0          |
| 986  | NW_062de            | 0.625 0.625 0.625   | 0.625 0.625 0.625   | 0.625 360           | 0.625 0.625 0.625   | 59.6 0.0 0.0          | 0.0 0.0 0.0         | 0.59 0.593 0.594      | 206.3 0.3 360                          | 1.0 1.0 1.0         | 95.4 0.0 0.0          |
| 987  | NW_075de            | 0.75 0.75 0.75      | 0.75 0.75 0.75      | 0.75 360            | 0.75 0.75 0.75      | 71.5 0.0 0.0          | 0.0 0.0 0.0         | 0.721 0.724 0.724     | 207.8 0.2 360                          | 1.0 1.0 1.0         | 95.4 0.0 0.0          |
| 988  | NW_087de            | 0.875 0.875 0.875   | 0.875 0.875 0.875   | 0.875 360           | 0.875 0.875 0.875   | 83.4 0.0 0.0          | 0.0 0.0 0.0         | 0.858 0.86 0.86       | 212.6 0.1 360                          | 1.0 1.0 1.0         | 95.4 0.0 0.0          |
| 989  | NW_100de            | 1.0 1.0 1.0         | 1.0 1.0 1.0         | 1.0 360             | 1.0 1.0 1.0         | 95.4 0.0 0.0          | 0.0 0.0 0.0         | 1.0 1.0 1.0           | 325.2 0.0 360                          | 1.0 1.0 1.0         | 95.4 0.0 0.0          |
| 990  | NW_000de            | 0.0 0.0 0.0         | 0.0 0.0 0.0         | 0.0 360             | 0.0 0.0 0.0         | 0.0 0.0 0.0           | 0.0 0.0 0.0         | 0.0 0.0 0.0           | 0.0 0.0 360                            | 1.0 1.0 1.0         | 95.4 0.0 0.0          |
| 991  | NW_012de            | 0.125 0.125 0.125   | 0.125 0.125 0.125   | 0.125 360           | 0.125 0.125 0.125   | 11.9 0.0 0.0          | 0.0 0.0 0.0         | 0.129 0.132 0.132     | 198.6 0.2 360                          | 1.0 1.0 1.0         | 95.4 0.0 0.0          |
| 992  | NW_025de            | 0.25 0.25 0.25      | 0.25 0.25 0.25      | 0.25 360            | 0.25 0.25 0.25      | 23.8 0.0 0.0          | 0.0 0.0 0.0         | 0.232 0.236 0.237     | 207.2 0.4 360                          | 1.0 1.0 1.0         | 95.4 0.0 0.0          |
| 993  | NW_037de            | 0.375 0.375 0.375   | 0.375 0.375 0.375   | 0.375 360           | 0.375 0.375 0.375   | 35.7 0.0 0.0          | 0.0 0.0 0.0         | 0.345 0.35 0.35       | 205.6 0.5 360                          | 1.0 1.0 1.0         | 95.4 0.0 0.0          |
| 994  | NW_050de            | 0.5 0.5 0.5         | 0.5 0.5 0.5         | 0.5 360             | 0.5 0.5 0.5         | 47.7 0.0 0.0          | 0.0 0.0 0.0         | 0.466 0.47 0.471      | 205.6 0.4 360                          | 1.0 1.0 1.0         | 95.4 0.0 0.0          |
| 995  | NW_062de            | 0.625 0.625 0.625   | 0.625 0.625 0.625   | 0.625 360           | 0.625 0.625 0.625   | 59.6 0.0 0.0          | 0.0 0.0 0.0         | 0.59 0.593 0.594      | 206.3 0.3 360                          | 1.0 1.0 1.0         | 95.4 0.0 0.0          |
| 996  | NW_075de            | 0.75 0.75 0.75      | 0.75 0.75 0.75      | 0.75 360            | 0.75 0.75 0.75      | 71.5 0.0 0.0          | 0.0 0.0 0.0         | 0.721 0.724 0.724     | 207.8 0.2 360                          | 1.0 1.0 1.0         | 95.4 0.0 0.0          |
| 997  | NW_087de            | 0.875 0.875 0.875   | 0.875 0.875 0.875   | 0.875 360           | 0.875 0.875 0.875   | 83.4 0.0 0.0          | 0.0 0.0 0.0         | 0.858 0.86 0.86       | 212.6 0.1 360                          | 1.0 1.0 1.0         | 95.4 0.0 0.0          |
| 998  | NW_100de            | 1.0 1.0 1.0         | 1.0 1.0 1.0         | 1.0 360             | 1.0 1.0 1.0         | 95.4 0.0 0.0          | 0.0 0.0 0.0         | 1.0 1.0 1.0           | 325.2 0.0 360                          | 1.0 1.0 1.0         | 95.4 0.0 0.0          |
| 999  | NW_000de            | 0.0 0.0 0.0         | 0.0 0.0 0.0         | 0.0 360             | 0.0 0.0 0.0         | 0.0 0.0 0.0           | 0.0 0.0 0.0         | 0.0 0.0 0.0           | 0.0 0.0 360                            | 1.0 1.0 1.0         | 95.4 0.0 0.0          |
| 1000 | NW_012de            | 0.125 0.125 0.125   | 0.125 0.125 0.125   | 0.125 360           | 0.125 0.125 0.125   | 11.9 0.0 0.0          | 0.0 0.0 0.0         | 0.129 0.132 0.132     | 198.6 0.2 360                          | 1.0 1.0 1.0         | 95.4 0.0 0.0          |
| 1001 | NW_025de            | 0.25 0.25 0.25      | 0.25 0.25 0.25      | 0.25 360            | 0.25 0.25 0.25      | 23.8 0.0 0.0          | 0.0 0.0 0.0         | 0.232 0.236 0.237     | 207.2 0.4 360                          | 1.0 1.0 1.0         | 95.4 0.0 0.0          |
| 1002 | NW_037de            | 0.375 0.375 0.375   | 0.375 0.375 0.375   | 0.375 360           | 0.375 0.375 0.375   | 35.7 0.0 0.0          | 0.0 0.0 0.0         | 0.345 0.35 0.35       | 205.6 0.5 360                          | 1.0 1.0 1.0         | 95.4 0.0 0.0          |
| 1003 | NW_050de            | 0.5 0.5 0.5         | 0.5 0.5 0.5         | 0.5 360             | 0.5 0.5 0.5         | 47.7 0.0 0.0          | 0.0 0.0 0.0         | 0.466 0.47 0.471      | 205.6 0.4 360                          | 1.0 1.0 1.0         | 95.4 0.0 0.0          |
| 1004 | NW_062de            | 0.625 0.625 0.625   | 0.625 0.625 0.625   | 0.625 360           | 0.625 0.625 0.625   | 59.6 0.0 0.0          | 0.0 0.0 0.0         | 0.59 0.593 0.594      | 206.3 0.3 360                          | 1.0 1.0 1.0         | 95.4 0.0 0.0          |
| 1005 | NW_075de            | 0.75 0.75 0.75      | 0.75 0.75 0.75      | 0.75 360            | 0.75 0.75 0.75      | 71.5 0.0 0.0          | 0.0 0.0 0.0         | 0.721 0.724 0.724     | 207.8 0.2 360                          | 1.0 1.0 1.0         | 95.4 0.0 0.0          |
| 1006 | NW_087de            | 0.875 0.875 0.875   | 0.875 0.875 0.875   | 0.875 360           | 0.875 0.875 0.875   | 83.4 0.0 0.0          | 0.0 0.0 0.0         | 0.858 0.86 0.86       | 212.6 0.1 360                          | 1.0 1.0 1.0         | 95.4 0.0 0.0          |
| 1007 | NW_100de            | 1.0 1.0 1.0         | 1.0 1.0 1.0         | 1.0 360             | 1.0 1.0 1.0         | 95.4 0.0 0.0          | 0.0 0.0 0.0         | 1.0 1.0 1.0           | 325.2 0.0 360                          | 1.0 1.0 1.0         | 95.4 0.0 0.0          |
| 1008 | NW_000de            | 0.0 0.0 0.0         | 0.0 0.0 0.0         | 0.0 360             | 0.0 0.0 0.0         | 0.0 0.0 0.0           | 0.0 0.0 0.0         | 0.0 0.0 0.0           | 0.0 0.0 360                            | 1.0 1.0 1.0         | 95.4 0.0 0.0          |
| 1009 | NW_006de            | 0.066 0.066 0.066   | 0.066 0.066 0.066   | 0.066 360           | 0.066 0.066 0.066   | 6.2 0.0 0.0           | 0.0 0.0 0.0         | 0.068 0.07 0.07       | 215.3 1.5 360                          | 1.0 1.0 1.0         | 95.4 0.0 0.0          |
| 1010 | NW_013de            | 0.133 0.133 0.133   | 0.133 0.133 0.133   | 0.133 360           | 0.133 0.133 0.133   | 12.6 0.0 0.0          | 0.0 0.0 0.0         | 0.134 0.138 0.138     | 198.8 0.5 360                          | 1.0 1.0 1.0         | 95.4 0.0 0.0          |
| 1011 | NW_020de            | 0.2 0.2 0.2         | 0.2 0.2 0.2         | 0.2 360             | 0.2 0.2 0.2         | 19.0 0.0 0.0          | 0.0 0.0 0.0         | 0.181 0.193 0.193     | 202.3 1.3 360                          | 1.0 1.0 1.0         | 95.4 0.0 0.0          |
| 1012 | NW_026de            | 0.266 0.266 0.266   | 0.266 0.266 0.266   | 0.266 360           | 0.266 0.266 0.266   | 25.3 0.0 0.0          | 0.0 0.0 0.0         | 0.25 0.251 0.251      | 198.2 0.1 360                          | 1.0 1.0 1.0         | 95.4 0.0 0.0          |
| 1013 | NW_033de            | 0.333 0.333 0.333   | 0.333 0.333 0.333   | 0.333 360           | 0.333 0.333 0.333   | 31.7 0.0 0.0          | 0.0 0.0 0.0         | 0.303 0.311 0.311     | 203.1 0.8 360                          | 1.0 1.0 1.0         | 95.4 0.0 0.0          |
| 1014 | NW_040de            | 0.4 0.4 0.4         | 0.4 0.4 0.4         | 0.4 360             | 0.4 0.4 0.4         | 38.1 0.0 0.0          | 0.0 0.0 0.0         | 0.374 0.374 0.374     | 217.7 0.1 360                          | 1.0 1.0 1.0         | 95.4 0.0 0.0          |
| 1015 | NW_046de            | 0.466 0.466 0.466   | 0.466 0.466 0.466   | 0.466 360           | 0.466 0.466 0.466   | 44.4 0.0 0.0          | 0.0 0.0 0.0         | 0.431 0.437 0.437     | 203.8 0.5 360                          | 1.0 1.0 1.0         | 95.4 0.0 0.0          |
| 1016 | NW_053de            | 0.533 0.533 0.533   | 0.533 0.533 0.533   | 0.533 360           | 0.533 0.533 0.533   | 50.8 0.0 0.0          | 0.0 0.0 0.0         | 0.503 0.504 0.504     | 222.6 0.1 360                          | 1.0 1.0 1.0         | 95.4 0.0 0.0          |
| 1017 | NW_060de            | 0.6 0.6 0.6         | 0.6 0.6 0.6         | 0.6 360             | 0.6 0.6 0.6         | 57.2 0.0 0.0          | 0.0 0.0 0.0         | 0.564 0.569 0.569     | 204.7 0.4 360                          | 1.0 1.0 1.0         | 95.4 0.0 0.0          |
| 1018 | NW_066de            | 0.666 0.666 0.666   | 0.666 0.666 0.666   | 0.666 360           | 0.666 0.666 0.666   | 63.5 0.0 0.0          | 0.0 0.0 0.0         | 0.634 0.635 0.635     | 207.4 0.2 360                          | 1.0 1.0 1.0         | 95.4 0.0 0.0          |
| 1019 | NW_073de            | 0.734 0.734 0.734   | 0.734 0.734 0.734   | 0.734 360           | 0.734 0.734 0.734   | 70.0 0.0 0.0          | 0.0 0.0 0.0         | 0.703 0.706 0.707     | 205.7 0.4 360                          | 1.0 1.0 1.0         | 95.4 0.0 0.0          |
| 1020 | NW_080de            | 0.8 0.8 0.8         | 0.8 0.8 0.8         | 0.8 360             | 0.8 0.8 0.8         | 76.3 0.0 0.0          | 0.0 0.0 0.0         | 0.775 0.778 0.778     | 206.4 0.2 360                          | 1.0 1.0 1.0         | 95.4 0.0 0.0          |
| 1021 | NW_086de            | 0.866 0.866 0.866   | 0.866 0.866 0.866   | 0.866 360           | 0.866 0.866 0.866   | 82.6 0.0 0.0          | 0.0 0.0 0.0         | 0.847 0.85 0.85       | 209.2 0.2 360                          | 1.0 1.0 1.0         | 95.4 0.0 0.0          |
| 1022 | NW_093de            | 0.933 0.933 0.933   | 0.933 0.933 0.933   | 0.933 360           | 0.933 0.933 0.933   | 89.0 0.0 0.0          | 0.0 0.0 0.0         | 0.921 0.924 0.924     | 207.0 0.2 360                          | 1.0 1.0 1.0         | 95.4 0.0 0.0          |
| 1023 | NW_100de            | 1.0 1.0 1.0         | 1.0 1.0 1.0         | 1.0 360             | 1.0 1.0 1.0         | 95.4 0.0 0.0          | 0.0 0.0 0.0         | 1.0 1.0 1.0           | 325.2 0.0 360                          | 1.0 1.0 1.0         | 95.4 0.0 0.0          |
| 1024 | NW_000de            | 0.0 0.0 0.0         | 0.0 0.0 0.0         | 0.0 360             | 0.0 0.0 0.0         | 0.0 0.0 0.0           | 0.0 0.0 0.0         | 0.0 0.0 0.0           | 0.0 0.0 360                            | 1.0 1.0 1.0         | 95.4 0.0 0.0          |
| 1025 | NW_006de            | 0.066 0.066 0.066   | 0.066 0.066 0.066   | 0.066 360           | 0.066 0.066 0.066   | 6.2 0.0 0.0           | 0.0 0.0 0.0         | 0.068 0.07 0.07       | 215.3 1.5 360                          | 1.0 1.0 1.0         | 95.4 0.0 0.0          |
| 1026 | NW_013de            | 0.133 0.133 0.133   | 0.133 0.133 0.133   | 0.133 360           | 0.133 0.133 0.133   | 12.6 0.0 0.0          | 0.0 0.0 0.0         | 0.134 0.138 0.138     | 198.8 0.5 360                          | 1.0 1.0 1.0         | 95.4 0.0 0.0          |
| 1027 | NW_020de            | 0.2 0.2 0.2         | 0.2 0.2 0.2         | 0.2 360             | 0.2 0.2 0.2         | 19.0 0.0 0.0          | 0.0 0.0 0.0         | 0.181 0.193 0.193     | 202.3 1.3 360                          | 1.0 1.0 1.0         | 95.4 0.0 0.0          |
| 1028 | NW_026de            | 0.266 0.266 0.266   | 0.266 0.266 0.266   | 0.266 360           | 0.266 0.266 0.266   | 25.3 0.0 0.0          | 0.0 0.0 0.0         | 0.25 0.251 0.251      | 198.2 0.1 360                          | 1.0 1.0 1.0         | 95.4 0.0 0.0          |
| 1029 | NW_033de            | 0.333 0.333 0.333   | 0.333 0.333 0.333   | 0.333 360           | 0.333 0.333 0.333   | 31.7 0.0 0.0          | 0.0 0.0 0.0         | 0.303 0.311 0.311     | 203.1 0.8 360                          | 1.0 1.0 1.0         | 95.4 0.0 0.0          |
| 1030 | NW_040de            | 0.4 0.4 0.4         | 0.4 0.4 0.4         | 0.4 360             | 0.4 0.4 0.4         | 38.1 0.0 0.0          | 0.0 0.0 0.0         | 0.374 0.374 0.374     | 217.7 0.1 360                          | 1.0 1.0 1.0         | 95.4 0.0 0.0          |
| 1031 | NW_046de            | 0.466 0.466 0.466   | 0.466 0.466 0.466   | 0.466 360           | 0.466 0.466 0.466   | 44.4 0.0 0.0          | 0.0 0.0 0.0         | 0.431 0.437 0.437     | 203.8 0.5 360                          | 1.0 1.0             |                       |

vedi file simili: <http://farbe.li.tu-berlin.de/PI32/PI32.HTM>  
informazioni tecniche: <http://www.ps.bam.de> o <http://130.149.60.45/~farbmetrik>

| 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> |       |     |       | rgb*F <sub>de</sub> |       |       |       | LabCh*F <sub>de</sub> |       |       |     | DE*F <sub>de</sub> hsiM <sub>de</sub> |       |       |      | rgb*M <sub>de</sub> |       |       |       | LabCh*M <sub>de</sub> |       |     |  |
|------|----------------------------|---------------------|-------|-------|---------------------|-----|-----|---------------------|-----|-------|---------------------|-------|-------|-------|-----------------------|-------|-----|-------|---------------------|-------|-------|-------|-----------------------|-------|-------|-----|---------------------------------------|-------|-------|------|---------------------|-------|-------|-------|-----------------------|-------|-----|--|
| 1053 | NW_086 <sub>de</sub>       | 0.866               | 0.866 | 0.866 | 0.866               | 0.0 | 0.0 | 0.866               | 360 | 0.866 | 0.866               | 0.866 | 82.6  | 0.0   | 0.0                   | 0.0   | 0.0 | 0.847 | 0.85                | 0.85  | 82.5  | -0.1  | 0.0                   | 0.1   | 209.2 | 0.2 | 360                                   | 1.0   | 1.0   | 1.0  | 95.4                | 0.0   | 0.0   | 0.0   | 0.0                   | 0.0   | 0.0 |  |
| 1054 | NW_093 <sub>de</sub>       | 0.933               | 0.933 | 0.933 | 0.933               | 0.0 | 0.0 | 0.933               | 360 | 0.933 | 0.933               | 0.933 | 89.0  | 0.0   | 0.0                   | 0.0   | 0.0 | 0.921 | 0.924               | 0.924 | 88.9  | -0.2  | -0.1                  | 0.2   | 207.0 | 0.2 | 360                                   | 1.0   | 1.0   | 1.0  | 95.4                | 0.0   | 0.0   | 0.0   | 0.0                   | 0.0   | 0.0 |  |
| 1055 | NW_100 <sub>de</sub>       | 1.0                 | 1.0   | 1.0   | 1.0                 | 0.0 | 0.0 | 1.0                 | 360 | 1.0   | 1.0                 | 1.0   | 95.4  | 0.0   | 0.0                   | 0.0   | 0.0 | 1.0   | 1.0                 | 1.0   | 95.4  | 0.0   | 0.0                   | 0.0   | 325.2 | 0.0 | 360                                   | 1.0   | 1.0   | 1.0  | 95.4                | 0.0   | 0.0   | 0.0   | 0.0                   | 0.0   | 0.0 |  |
| 1056 | 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   | 0.0   | 0.0   | 0.0                   | 0.0   | 0.0 | 0.0   | 0.0                 | 0.0   | 0.0   | 0.0   | 0.0                   | 0.0   | 0.0   | 0.0 | 360                                   | 1.0   | 1.0   | 1.0  | 95.4                | 0.0   | 0.0   | 0.0   | 0.0                   | 0.0   | 0.0 |  |
| 1057 | NW_006 <sub>de</sub>       | 0.066               | 0.066 | 0.066 | 0.066               | 0.0 | 0.0 | 0.066               | 360 | 0.066 | 0.066               | 0.066 | 6.2   | 0.0   | 0.0                   | 0.0   | 0.0 | 0.068 | 0.07                | 0.07  | 4.7   | -0.1  | 0.0                   | 0.1   | 215.3 | 1.5 | 360                                   | 1.0   | 1.0   | 1.0  | 95.4                | 0.0   | 0.0   | 0.0   | 0.0                   | 0.0   | 0.0 |  |
| 1058 | NW_013 <sub>de</sub>       | 0.133               | 0.133 | 0.133 | 0.133               | 0.0 | 0.0 | 0.133               | 360 | 0.133 | 0.133               | 0.133 | 12.6  | 0.0   | 0.0                   | 0.0   | 0.0 | 0.134 | 0.138               | 0.138 | 12.6  | -0.5  | -0.1                  | 0.5   | 198.8 | 0.5 | 360                                   | 1.0   | 1.0   | 1.0  | 95.4                | 0.0   | 0.0   | 0.0   | 0.0                   | 0.0   | 0.0 |  |
| 1059 | NW_020 <sub>de</sub>       | 0.2                 | 0.2   | 0.2   | 0.2                 | 0.0 | 0.0 | 0.2                 | 360 | 0.2   | 0.2                 | 0.2   | 19.0  | 0.0   | 0.0                   | 0.0   | 0.0 | 0.181 | 0.193               | 0.193 | 18.7  | -1.1  | -0.4                  | 1.2   | 202.3 | 1.3 | 360                                   | 1.0   | 1.0   | 1.0  | 95.4                | 0.0   | 0.0   | 0.0   | 0.0                   | 0.0   | 0.0 |  |
| 1060 | NW_026 <sub>de</sub>       | 0.266               | 0.266 | 0.266 | 0.266               | 0.0 | 0.0 | 0.266               | 360 | 0.266 | 0.266               | 0.266 | 25.3  | 0.0   | 0.0                   | 0.0   | 0.0 | 0.25  | 0.251               | 0.251 | 25.4  | 0.0   | 0.0                   | 0.0   | 198.2 | 0.1 | 360                                   | 1.0   | 1.0   | 1.0  | 95.4                | 0.0   | 0.0   | 0.0   | 0.0                   | 0.0   | 0.0 |  |
| 1061 | NW_033 <sub>de</sub>       | 0.333               | 0.333 | 0.333 | 0.333               | 0.0 | 0.0 | 0.333               | 360 | 0.333 | 0.333               | 0.333 | 31.7  | 0.0   | 0.0                   | 0.0   | 0.0 | 0.303 | 0.311               | 0.311 | 31.6  | -0.7  | -0.3                  | 0.8   | 203.1 | 0.8 | 360                                   | 1.0   | 1.0   | 1.0  | 95.4                | 0.0   | 0.0   | 0.0   | 0.0                   | 0.0   | 0.0 |  |
| 1062 | NW_040 <sub>de</sub>       | 0.4                 | 0.4   | 0.4   | 0.4                 | 0.0 | 0.0 | 0.4                 | 360 | 0.4   | 0.4                 | 0.4   | 38.1  | 0.0   | 0.0                   | 0.0   | 0.0 | 0.374 | 0.374               | 0.374 | 38.2  | 0.0   | 0.0                   | 0.0   | 217.7 | 0.1 | 360                                   | 1.0   | 1.0   | 1.0  | 95.4                | 0.0   | 0.0   | 0.0   | 0.0                   | 0.0   | 0.0 |  |
| 1063 | NW_046 <sub>de</sub>       | 0.466               | 0.466 | 0.466 | 0.466               | 0.0 | 0.0 | 0.466               | 360 | 0.466 | 0.466               | 0.466 | 44.4  | 0.0   | 0.0                   | 0.0   | 0.0 | 0.431 | 0.437               | 0.437 | 44.4  | -0.5  | -0.2                  | 0.5   | 203.8 | 0.5 | 360                                   | 1.0   | 1.0   | 1.0  | 95.4                | 0.0   | 0.0   | 0.0   | 0.0                   | 0.0   | 0.0 |  |
| 1064 | NW_053 <sub>de</sub>       | 0.533               | 0.533 | 0.533 | 0.533               | 0.0 | 0.0 | 0.533               | 360 | 0.533 | 0.533               | 0.533 | 50.8  | 0.0   | 0.0                   | 0.0   | 0.0 | 0.503 | 0.504               | 0.504 | 51.0  | 0.0   | 0.0                   | 0.0   | 222.6 | 0.1 | 360                                   | 1.0   | 1.0   | 1.0  | 95.4                | 0.0   | 0.0   | 0.0   | 0.0                   | 0.0   | 0.0 |  |
| 1065 | NW_060 <sub>de</sub>       | 0.6                 | 0.6   | 0.6   | 0.6                 | 0.0 | 0.0 | 0.6                 | 360 | 0.6   | 0.6                 | 0.6   | 57.2  | 0.0   | 0.0                   | 0.0   | 0.0 | 0.564 | 0.569               | 0.569 | 57.1  | -0.4  | -0.1                  | 0.4   | 204.7 | 0.4 | 360                                   | 1.0   | 1.0   | 1.0  | 95.4                | 0.0   | 0.0   | 0.0   | 0.0                   | 0.0   | 0.0 |  |
| 1066 | NW_066 <sub>de</sub>       | 0.666               | 0.666 | 0.666 | 0.666               | 0.0 | 0.0 | 0.666               | 360 | 0.666 | 0.666               | 0.666 | 63.5  | 0.0   | 0.0                   | 0.0   | 0.0 | 0.634 | 0.635               | 0.635 | 63.3  | -0.1  | 0.0                   | 0.1   | 207.4 | 0.2 | 360                                   | 1.0   | 1.0   | 1.0  | 95.4                | 0.0   | 0.0   | 0.0   | 0.0                   | 0.0   | 0.0 |  |
| 1067 | NW_073 <sub>de</sub>       | 0.734               | 0.734 | 0.734 | 0.734               | 0.0 | 0.0 | 0.734               | 360 | 0.734 | 0.734               | 0.734 | 70.0  | 0.0   | 0.0                   | 0.0   | 0.0 | 0.703 | 0.706               | 0.707 | 69.8  | -0.3  | -0.1                  | 0.3   | 205.7 | 0.4 | 360                                   | 1.0   | 1.0   | 1.0  | 95.4                | 0.0   | 0.0   | 0.0   | 0.0                   | 0.0   | 0.0 |  |
| 1068 | NW_080 <sub>de</sub>       | 0.8                 | 0.8   | 0.8   | 0.8                 | 0.0 | 0.0 | 0.8                 | 360 | 0.8   | 0.8                 | 0.8   | 76.3  | 0.0   | 0.0                   | 0.0   | 0.0 | 0.775 | 0.778               | 0.778 | 76.1  | -0.1  | 0.0                   | 0.2   | 206.4 | 0.2 | 360                                   | 1.0   | 1.0   | 1.0  | 95.4                | 0.0   | 0.0   | 0.0   | 0.0                   | 0.0   | 0.0 |  |
| 1069 | NW_086 <sub>de</sub>       | 0.866               | 0.866 | 0.866 | 0.866               | 0.0 | 0.0 | 0.866               | 360 | 0.866 | 0.866               | 0.866 | 82.6  | 0.0   | 0.0                   | 0.0   | 0.0 | 0.847 | 0.85                | 0.85  | 82.5  | -0.1  | 0.0                   | 0.1   | 209.2 | 0.2 | 360                                   | 1.0   | 1.0   | 1.0  | 95.4                | 0.0   | 0.0   | 0.0   | 0.0                   | 0.0   | 0.0 |  |
| 1070 | NW_093 <sub>de</sub>       | 0.933               | 0.933 | 0.933 | 0.933               | 0.0 | 0.0 | 0.933               | 360 | 0.933 | 0.933               | 0.933 | 89.0  | 0.0   | 0.0                   | 0.0   | 0.0 | 0.921 | 0.924               | 0.924 | 88.9  | -0.2  | -0.1                  | 0.2   | 207.0 | 0.2 | 360                                   | 1.0   | 1.0   | 1.0  | 95.4                | 0.0   | 0.0   | 0.0   | 0.0                   | 0.0   | 0.0 |  |
| 1071 | NW_100 <sub>de</sub>       | 1.0                 | 1.0   | 1.0   | 1.0                 | 0.0 | 0.0 | 1.0                 | 360 | 1.0   | 1.0                 | 1.0   | 95.4  | 0.0   | 0.0                   | 0.0   | 0.0 | 1.0   | 1.0                 | 1.0   | 95.4  | 0.0   | 0.0                   | 0.0   | 325.2 | 0.0 | 360                                   | 1.0   | 1.0   | 1.0  | 95.4                | 0.0   | 0.0   | 0.0   | 0.0                   | 0.0   | 0.0 |  |
| 1072 | 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   | 0.0   | 0.0   | 0.0                   | 0.0   | 0.0 | 0.0   | 0.0                 | 0.0   | 0.0   | 0.0   | 0.0                   | 0.0   | 0.0   | 0.0 | 360                                   | 1.0   | 1.0   | 1.0  | 95.4                | 0.0   | 0.0   | 0.0   | 0.0                   | 0.0   | 0.0 |  |
| 1073 | NW_100 <sub>de</sub>       | 1.0                 | 1.0   | 1.0   | 1.0                 | 0.0 | 0.0 | 1.0                 | 360 | 1.0   | 1.0                 | 1.0   | 95.4  | 0.0   | 0.0                   | 0.0   | 0.0 | 1.0   | 1.0                 | 1.0   | 95.4  | 0.0   | 0.0                   | 0.0   | 325.2 | 0.0 | 360                                   | 1.0   | 1.0   | 1.0  | 95.4                | 0.0   | 0.0   | 0.0   | 0.0                   | 0.0   | 0.0 |  |
| 1074 | R00Y_100_100 <sub>de</sub> | 1.0                 | 0.0   | 0.0   | 1.0                 | 1.0 | 0.5 | 390                 | 1.0 | 0.0   | 0.263               | 50.9  | 78.3  | 37.3  | 86.7                  | 25.4  | 1.0 | 0.0   | 0.264               | 50.9  | 78.1  | 37.1  | 86.5                  | 25.4  | 0.2   | 375 | 1.0                                   | 0.0   | 0.263 | 50.9 | 78.3                | 37.3  | 86.7  | 25.4  | 216.9                 | 216.9 |     |  |
| 1075 | G50B_100_100 <sub>de</sub> | 0.0                 | 1.0   | 1.0   | 1.0                 | 1.0 | 0.5 | 210                 | 0.0 | 0.89  | 1.0                 | 79.0  | -34.2 | -25.7 | 42.8                  | 216.9 | 0.0 | 0.89  | 1.0                 | 79.0  | -34.1 | -25.3 | 42.5                  | 216.6 | 0.4   | 215 | 0.0                                   | 0.89  | 1.0   | 79.0 | -34.2               | -25.7 | 42.8  | 216.9 | 216.9                 | 216.9 |     |  |
| 1076 | Y00G_100_100 <sub>de</sub> | 1.0                 | 1.0   | 0.0   | 1.0                 | 1.0 | 0.5 | 90                  | 1.0 | 0.856 | 0.0                 | 83.7  | -3.4  | 84.5  | 84.5                  | 92.3  | 1.0 | 0.856 | 0.0                 | 83.6  | -3.4  | 84.2  | 84.3                  | 92.3  | 0.2   | 82  | 1.0                                   | 0.856 | 0.0   | 83.7 | -3.4                | 84.5  | 84.5  | 92.3  | 92.3                  | 92.3  |     |  |
| 1077 | B00R_100_100 <sub>de</sub> | 0.0                 | 0.0   | 1.0   | 1.0                 | 1.0 | 0.5 | 270                 | 0.0 | 0.609 | 1.0                 | 59.2  | 1.7   | -56.6 | 56.6                  | 271.7 | 0.0 | 0.609 | 1.0                 | 59.2  | 2.0   | -56.3 | 56.3                  | 272.1 | 0.4   | 232 | 0.0                                   | 0.609 | 1.0   | 59.2 | 1.7                 | -56.6 | 56.6  | 271.7 | 271.7                 | 271.7 |     |  |
| 1078 | G00B_100_100 <sub>de</sub> | 0.0                 | 1.0   | 0.0   | 1.0                 | 1.0 | 0.5 | 150                 | 0.0 | 1.0   | 0.706               | 85.1  | -64.6 | 20.7  | 67.9                  | 162.2 | 0.0 | 1.0   | 0.707               | 85.1  | -64.3 | 20.9  | 67.6                  | 162.0 | 0.3   | 193 | 0.0                                   | 1.0   | 0.706 | 85.1 | -64.6               | 20.7  | 67.9  | 162.2 | 162.2                 | 162.2 |     |  |
| 1079 | B50R_100_100 <sub>de</sub> | 1.0                 | 0.0   | 1.0   | 1.0                 | 1.0 | 0.5 | 330                 | 1.0 | 0.0   | 0.991               | 57.1  | 94.1  | -57.4 | 110.3                 | 328.6 | 1.0 | 0.0   | 0.991               | 57.1  | 94.0  | -57.4 | 110.2                 | 328.5 | 0.0   | 330 | 1.0                                   | 0.0   | 0.991 | 57.1 | 94.1                | -57.4 | 110.3 | 328.6 | 328.6                 | 328.6 |     |  |

delta E'\* = 0.3

Grafico TUB-PI32; riproduzione del colore  
colori e la differenza,  $\Delta E^*$ , 3D=1, de=1, sRGB\*

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

iscrizione TUB: 20160501-PI32/PI32L0FP.PDF /.PS  
Applicazione per la misura dell'output su display, nessuna separazione  
TUB materiale: code=rha4ta