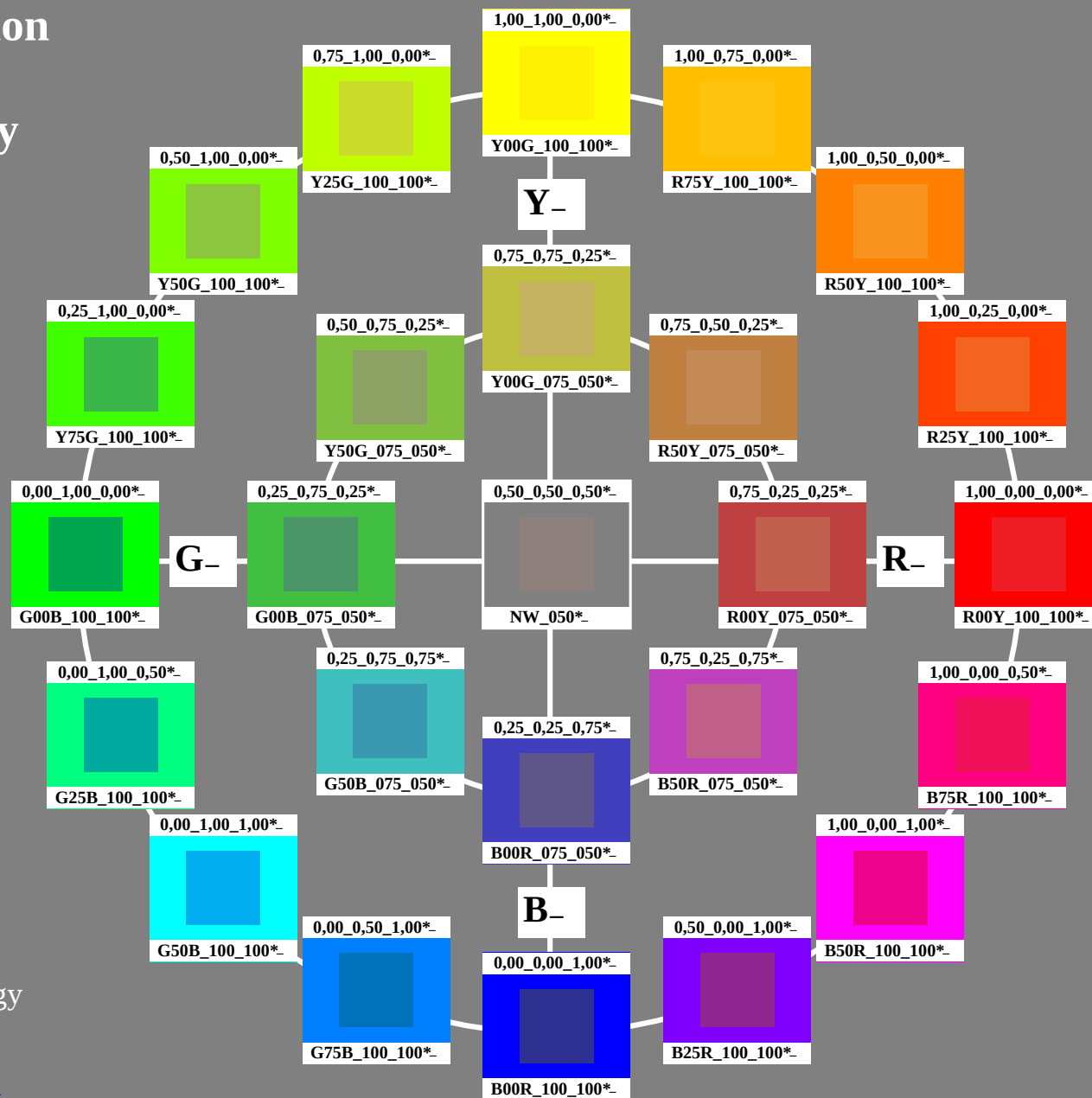


Colour and Colour Vision Elementary Colours in Information Technology

Author: Prof. Dr. Klaus Richter

25 standard colours for D65
hue circle with 16 and 8 steps
standard display sRGB
rgb data: rgb^*e (top)
elementary hue H^* , brilliance I^* ,
chroma C^* : HIC^*e (bottom)

Special print for the exhibition
Colour and Colour Vision
Section Lighting Technology
of the Berlin University of Technology
Einsteinufer 19, D-10587 Berlin
see: <http://www.li.tu-berlin.de>
and <http://130.149.60.45/~farbmetrik>
and <http://130.149.60.45/~farbmetrik>

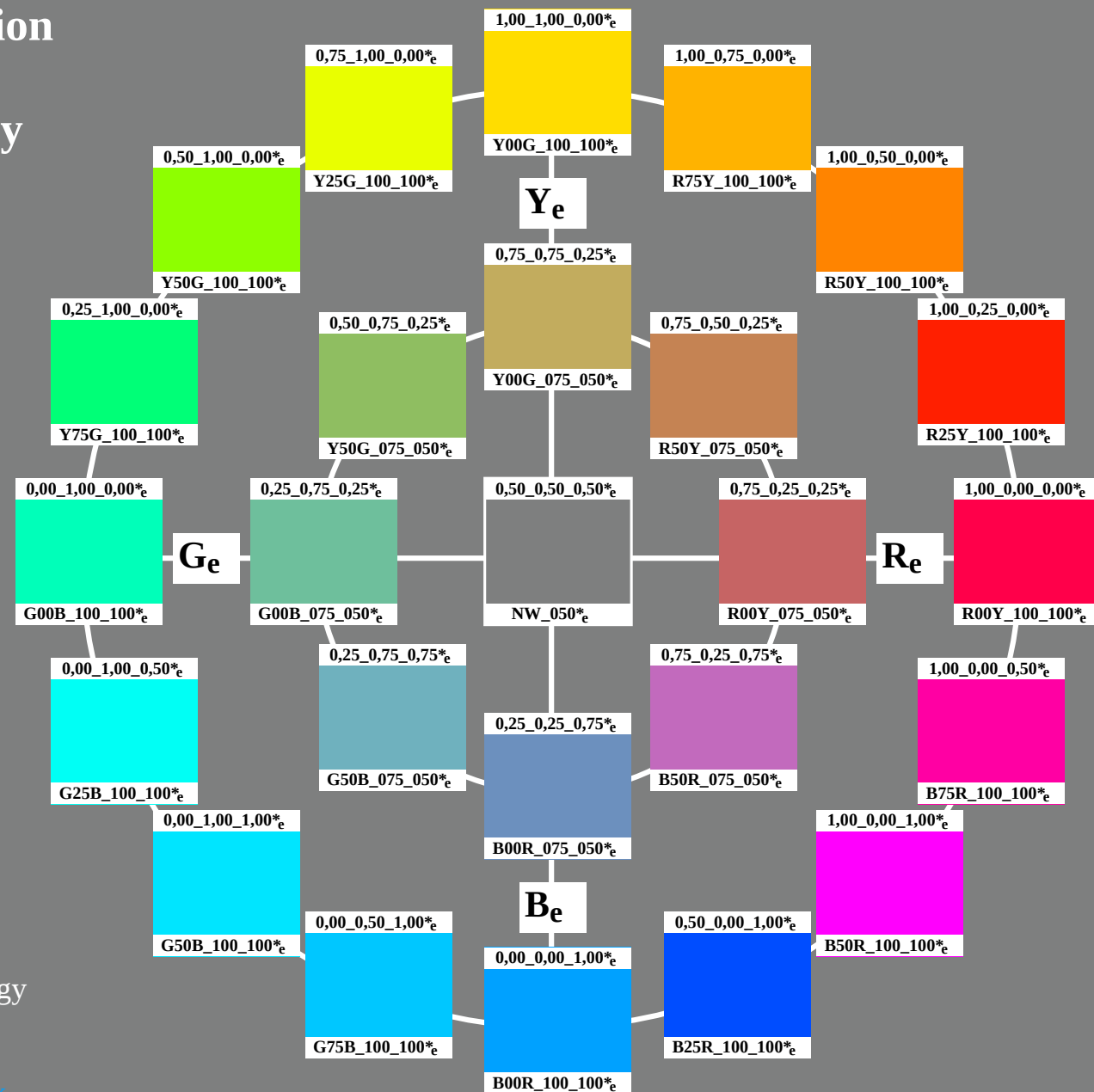


Colour and Colour Vision Elementary Colours in Information Technology

Author: Prof. Dr. Klaus Richter

25 standard colours for D65
hue circle with 16 and 8 steps
standard display sRGB
rgb data: rgb^*_e (top)
elementary hue H^* , brilliance I^* ,
chroma C^* : HIC^*_e (bottom)

Special print for the exhibition
Colour and Colour Vision
Section Lighting Technology
of the Berlin University of Technology
Einsteinufer 19, D-10587 Berlin
see: <http://www.li.tu-berlin.de>
and <http://130.149.60.45/~farbmetrik>
and <http://130.149.60.45/~farbmetrik>



Colour and Colour Vision

Elementary Colours in Information Technology

Author: Prof. Dr. Klaus Richter

25 standard colours for D65
hue circle with 16 and 8 steps
standard display *sRGB*
rgb data: *rgb**_e (top)
elementary hue *H**, brilliance *I**,
chroma *C**: *HIC**_e (bottom)
colour code:
rgbicd; *LabCh**_d

Special print for the exhibition
Colour and Colour Vision
Section Lighting Technology
of the Berlin University of Technology
Einsteinufer 19, D-10587 Berlin
see: <http://www.li.tu-berlin.de>
and <http://130.149.60.45/~farbmetrik>

TUB-test chart PE72; hue circle; 16 and 8 steps
25 standard colours for D65, 3D=1, de=1*

input: $rgb/cmyk \rightarrow rgb_{de}$
output: 3D-linearization to rgb^*_{de}

TUB registration: 20150701-PE72/PE72L0FA.TXT /.PS
application for measurement of display output, no separation

TUB material: code=rha4ta

Colour and Colour Vision Elementary Colours in Information Technology

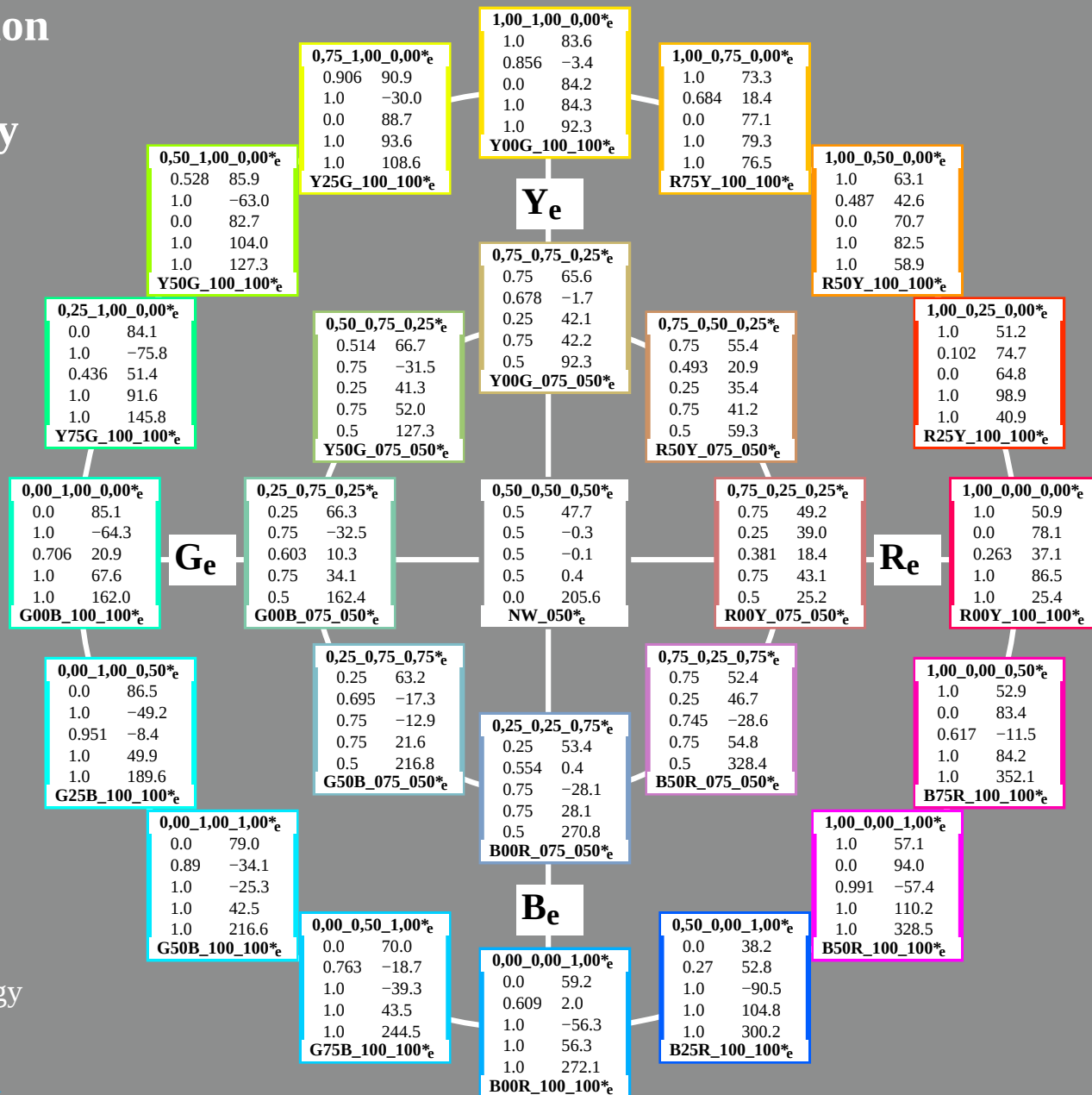
Author: Prof. Dr. Klaus Richter

25 standard colours for D65
hue circle with 16 and 8 steps
standard display sRGB
rgb data: rgb^*_e (top)
elementary hue H^* , brilliance I^* ,
chroma C^* : HIC^*_e (bottom)
colour code:
 $rgbic^*_de$; $LabCh^*_de$

Special print for the exhibition
Colour and Colour Vision
Section Lighting Technology
of the Berlin University of Technology
Einsteinufer 19, D-10587 Berlin
see: <http://www.li.tu-berlin.de>
and <http://130.149.60.45/~farbmetrik>
and <http://130.149.60.45/~farbmetrik>

TUB-test chart PE72; hue circle; 16 and 8 steps
25 standard colours for D65, 3D=1, $de=1^*$

input: $rgb/cmyk \rightarrow rgb^*_de$
output: 3D-linearization to rgb^*_de



Colour and Colour Vision Elementary Colours in Information Technology

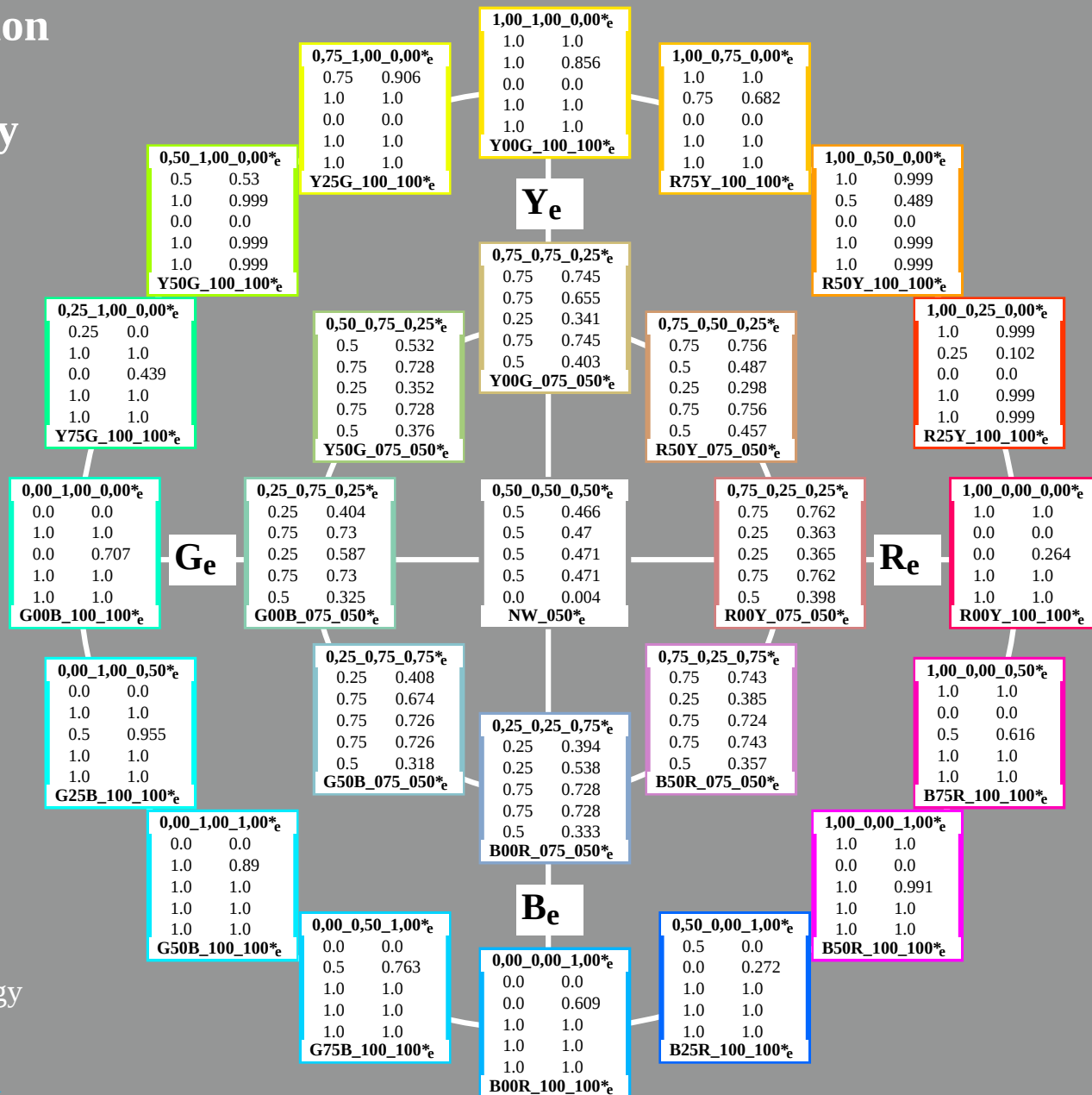
Author: Prof. Dr. Klaus Richter

25 standard colours for D65
hue circle with 16 and 8 steps
standard display sRGB
rgb data: rgb^*_e (top)
elementary hue H^* , brilliance I^* ,
chroma C^* : HIC^*_e (bottom)
colour code:
 $rgbic^*_d$; $rgbic^*_de$

Special print for the exhibition
Colour and Colour Vision
Section Lighting Technology
of the Berlin University of Technology
Einsteinufer 19, D-10587 Berlin
see: <http://www.li.tu-berlin.de>
and <http://130.149.60.45/~farbmetrik>
and <http://130.149.60.45/~farbmetrik>

TUB-test chart PE72; hue circle; 16 and 8 steps
25 standard colours for D65, 3D=1, $de=1^*$

input: $rgb/cmyk \rightarrow rgb_{de}$
output: 3D-linearization to rgb^*_de



Colour and Colour Vision Elementary Colours in Information Technology

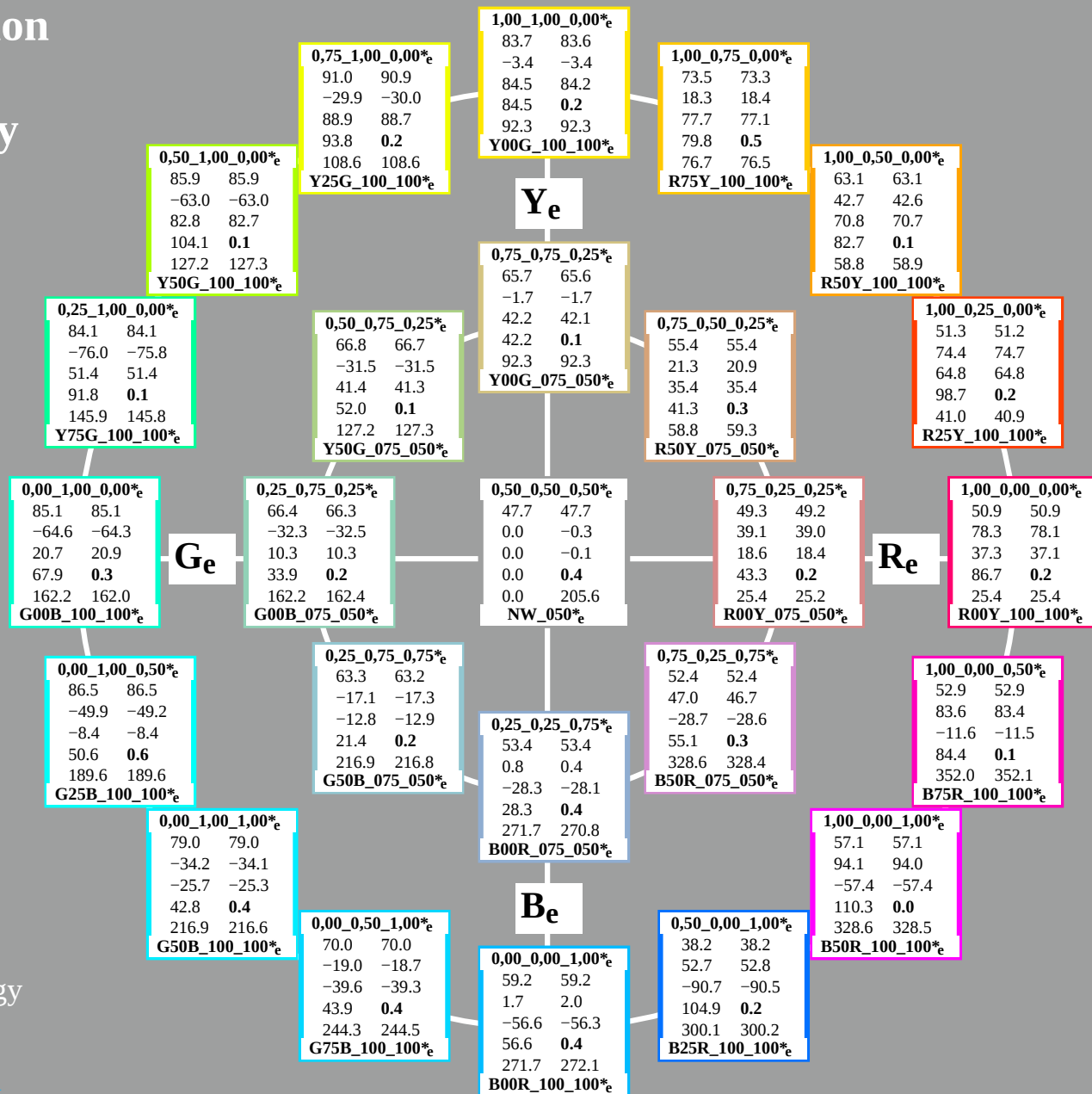
Author: Prof. Dr. Klaus Richter

25 standard colours for D65
hue circle with 16 and 8 steps
standard display sRGB
rgb data: rgb^*_e (top)
elementary hue H^* , brilliance I^* ,
chroma C^* : HIC^*_e (bottom)
colour code:
 $LabCh^*_{de}$; $Lab^*/DE^*/h^*_{de}$

Special print for the exhibition
Colour and Colour Vision
Section Lighting Technology
of the Berlin University of Technology
Einsteinufer 19, D-10587 Berlin
see: <http://www.li.tu-berlin.de>
and <http://130.149.60.45/~farbmetrik>
and <http://130.149.60.45/~farbmetrik>

TUB-test chart PE72; hue circle; 16 and 8 steps
25 standard colours for D65, 3D=1, $de=1^*$

input: $rgb/cmyk \rightarrow rgb_{de}$
output: 3D-linearization to rgb^*_{de}



TUB registration: 20150701-PE72/PE72L0FA.TXT /.PS
application for measurement of display output, no separation

TUB material: code=rha4ta

see similar files: <http://130.149.60.45/~farbmetrik/PE72/PE72L0FA.TXT> /.PS
technical information: <http://www.ps.bam.de> or <http://130.149.60.45/~farbmetrik>

TUB registration: 20150701-PE72/PE72L0FA.TXT /.PS
application for measurement of display output, no separation
TUB material: code=rha4ta

n/j	HIC*F _{de}	rgb_F _{de}	ict_F _{de}	hsi_F _{de}	rgb*F _{de}	LabCh*F _{de}	rgb**F _{de}	LabCh**F _{de}	DE**F _{de} hsiM _{de}	rgb*M _{de}	LabCh*M _{de}
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	48.9 265.9	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	0.59 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

Mean color difference of this page: delta E** = 0.4

see similar files: <http://130.149.60.45/~farbmetrik/PE72/PE72L0FA.TXT> /.PS
technical information: <http://www.ps.bam.de> or <http://130.149.60.45/~farbmetrik>

n/j	HIC*F _{de}	rgb_F _{de}	ict_F _{de}	hsi_F _{de}	rgb*F _{de}	LabCh*F _{de}	rgb*F _{de}	LabCh*F _{de}	DE**F _{de} hsiM _{de}	rgb*M _{de}	LabCh*M _{de}
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 25.4 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 -4.7 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 0.5	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 0.8 -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
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
Mean color difference of this page: $\Delta E^* = 0.8$											

TUB-test chart PE72; hue circle; 16 and 8 steps
colors and differences, ΔE^* , 3D=1, de=1*

input: $rgb/cmyk \rightarrow rgb_{de}$
output: 3D-linearization to rgb^*_{de}

TUB registration: 20150701-PE72/PE72L0FA.TXT /.PS
application for measurement of display output, no separation
TUB material: code=rha4ta

see similar files: <http://130.149.60.45/~farbmetrik/PE72/PE72L0FA.TXT> /.PS
technical information: <http://www.ps.bam.de> or <http://130.149.60.45/~farbmetrik>

n\j	HIC*Fde	rgb_Fde	ict_Fde	hsi_Fde	rgb*Fde	LabCh*Fde	rgb*Fde	LabCh*Fde	DE**Fde hsi_Mde	rgb**Mde	LabCh**Mde
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	0.125	0.125	0.062	0.0	0.076	0.125	0.084	0.134	0.1
2	B00R_025_025de	0.0	0.0	0.25	0.125	0.0	0.152	0.25	0.145	-0.9	-14.6
3	B00R_037_037de	0.0	0.0	0.375	0.187	0.0	0.228	0.375	0.232	0.0	-21.6
4	B00R_050_050de	0.0	0.0	0.5	0.5	0.0	0.304	0.5	0.296	0.0	-28.3
5	B00R_062_062de	0.0	0.0	0.625	0.625	0.0	0.38	0.625	0.37	0.0	-35.3
6	B00R_075_075de	0.0	0.0	0.75	0.75	0.0	0.457	0.75	0.444	0.2	-42.4
7	B00R_087_087de	0.0	0.0	0.875	0.875	0.0	0.533	0.875	0.518	1.5	-49.5
8	B00R_100_100de	0.0	0.0	1.0	1.0	0.0	0.609	1.0	0.592	1.7	-56.6
9	G00B_012_012de	0.0	0.125	0.125	0.062	0.0	0.125	0.088	0.106	-8.0	2.5
10	G50B_012_012de	0.0	0.125	0.125	0.062	0.0	0.111	0.125	9.8	-4.2	-3.2
11	G75B_025_025de	0.0	0.125	0.25	0.125	0.0	0.19	0.25	17.5	-4.7	-9.9
12	G84B_037_037de	0.0	0.125	0.375	0.187	0.0	0.266	0.375	24.8	-4.7	-17.1
13	G88B_050_050de	0.0	0.125	0.5	0.5	0.0	0.342	0.5	32.2	-4.7	-24.3
14	G90B_062_062de	0.0	0.125	0.625	0.625	0.0	0.418	0.625	39.6	-4.5	-31.4
15	G92B_075_075de	0.0	0.125	0.75	0.75	0.0	0.494	0.75	47.0	-4.3	-38.5
16	G93B_087_087de	0.0	0.125	0.875	0.875	0.0	0.573	0.875	54.6	-4.4	-45.3
17	G94B_100_100de	0.0	0.125	1.0	1.0	0.0	0.649	1.0	62.0	-4.2	-52.3
18	G00B_025_025de	0.0	0.25	0.25	0.125	0.0	0.25	0.176	21.2	-16.1	5.1
19	G25B_025_025de	0.0	0.25	0.125	0.125	0.0	0.25	0.237	21.6	-12.4	-2.1
20	G50B_025_025de	0.0	0.25	0.25	0.125	0.0	0.222	0.25	19.7	-8.5	-6.4
21	G65B_037_037de	0.0	0.25	0.375	0.187	0.0	0.303	0.375	27.4	-9.4	-13.1
22	G75B_050_050de	0.0	0.25	0.5	0.5	0.0	0.381	0.5	35.0	-9.5	-19.8
23	G80B_062_062de	0.0	0.25	0.625	0.625	0.0	0.456	0.625	42.3	-9.4	-27.0
24	G84B_075_075de	0.0	0.25	0.75	0.75	0.0	0.532	0.75	49.7	-9.5	-34.3
25	G86B_087_087de	0.0	0.25	0.875	0.875	0.0	0.608	0.875	57.1	-9.4	-41.5
26	G88B_100_100de	0.0	0.25	1.0	1.0	0.0	0.685	1.0	64.5	-9.4	-48.6
27	G00B_037_037de	0.0	0.375	0.375	0.187	0.0	0.375	0.264	31.9	-24.2	7.7
28	G15B_037_037de	0.0	0.375	0.125	0.375	0.0	0.375	0.33	32.2	-20.3	0.1
29	G34B_037_037de	0.0	0.375	0.25	0.375	0.0	0.368	0.375	32.1	-16.7	-5.9
30	G50B_037_037de	0.0	0.375	0.375	0.187	0.0	0.333	0.375	29.6	-12.8	-9.6
31	G61B_050_050de	0.0	0.375	0.5	0.5	0.0	0.414	0.5	37.3	-13.8	-16.3
32	G69B_062_062de	0.0	0.375	0.625	0.625	0.0	0.495	0.625	45.0	-14.4	-23.0
33	G75B_075_075de	0.0	0.375	0.75	0.75	0.0	0.572	0.75	52.5	-14.2	-29.7
34	G79B_087_087de	0.0	0.375	0.875	0.875	0.0	0.648	0.875	59.9	-14.1	-36.7
35	G81B_100_100de	0.0	0.375	1.0	1.0	0.0	0.725	1.0	67.4	-14.5	-43.8
36	G00B_050_050de	0.0	0.5	0.5	0.5	0.0	0.5	0.353	42.5	-32.3	10.3
37	G11B_050_050de	0.0	0.5	0.125	0.5	0.0	0.5	0.419	42.9	-28.5	2.4
38	G25B_050_050de	0.0	0.5	0.25	0.5	0.0	0.5	0.475	43.2	-24.9	-4.2
39	G38B_050_050de	0.0	0.5	0.375	0.5	0.0	0.479	0.5	41.9	-21.0	-9.4
40	G50B_050_050de	0.0	0.5	0.5	0.5	0.0	0.445	0.5	39.5	-17.1	-12.8
41	G59B_062_062de	0.0	0.5	0.625	0.625	0.0	0.526	0.625	47.2	-18.1	-19.5
42	G65B_075_075de	0.0	0.5	0.75	0.75	0.0	0.606	0.75	54.9	-18.9	-26.3
43	G70B_087_087de	0.0	0.5	0.875	0.875	0.0	0.686	0.875	62.5	-19.2	-32.9
44	G75B_100_100de	0.0	0.5	1.0	1.0	0.0	0.763	1.0	70.0	-19.0	-39.6
45	G00B_062_062de	0.0	0.625	0.625	0.312	0.0	0.625	0.441	53.2	-40.4	12.9
46	G09B_062_062de	0.0	0.625	0.125	0.625	0.0	0.625	0.507	53.5	-36.7	4.9
47	G19B_062_062de	0.0	0.625	0.25	0.625	0.0	0.625	0.566	53.9	-33.0	18.1
48	G30B_062_062de	0.0	0.625	0.375	0.625	0.0	0.625	0.623	54.2	-29.0	-8.3
49	G40B_062_062de	0.0	0.625	0.5	0.625	0.0	0.589	0.625	51.7	-25.3	-12.8
50	G50B_062_062de	0.0	0.625	0.625	0.625	0.0	0.556	0.625	49.4	-21.4	-16.1
51	G57B_075_075de	0.0	0.625	0.75	0.75	0.0	0.637	0.75	57.1	-22.4	-22.6
52	G63B_087_087de	0.0	0.625	0.875	0.875	0.0	0.718	0.875	64.9	-23.3	-29.4
53	G68B_100_100de	0.0	0.625	1.0	1.0	0.0	0.796	1.0	72.4	-23.6	-36.4
54	G00B_075_075de	0.0	0.75	0.0	0.75	0.0	0.75	0.529	63.8	-48.5	15.5
55	G07B_075_075de	0.0	0.75	0.125	0.75	0.0	0.75	0.596	64.2	-44.8	7.5
56	G15B_075_075de	0.0	0.75	0.25	0.75	0.0	0.75	0.66	64.5	-40.7	0.3
57	G25B_075_075de	0.0	0.75	0.375	0.75	0.0	0.75	0.713	64.9	-37.4	-6.3
58	G34B_075_075de	0.0	0.75	0.5	0.75	0.0	0.736	0.75	64.2	-33.4	-11.9
59	G42B_075_075de	0.0	0.75	0.625	0.75	0.0	0.7	0.75	61.6	-29.5	-16.2
60	G50B_075_075de	0.0	0.75	0.75	0.75	0.0	0.667	0.75	59.3	-25.6	-19.3
61	G56B_087_087de	0.0	0.75	0.875	0.875	0.0	0.747	0.875	66.9	-26.6	-25.9
62	G61B_100_100de	0.0	0.75	1.0	1.0	0.0	0.829	1.0	74.7	-27.7	-32.7
63	G00B_087_087de	0.0	0.875	0.0	0.875	0.0	0.875	0.617	74.5	-56.5	18.1
64	G06B_087_087de	0.0	0.875	0.125	0.875	0.0	0.875	0.688	74.8	-52.7	9.7
65	G13B_087_087de	0.0	0.875	0.25	0.875	0.0	0.875	0.748	75.1	-48.9	2.7
66	G20B_087_087de	0.0	0.875	0.375	0.875	0.0	0.875	0.804	75.5	-45.5	-4.0
67	G29B_087_087de	0.0	0.875	0.5	0.875	0.0	0.875	0.861	75.9	-41.5	-10.4
68	G36B_087_087de	0.0	0.875	0.625	0.875	0.0	0.847	0.875	74.0	-37.7	-15.5
69	G43B_087_087de	0.0	0.875	0.75	0.875	0.0	0.812	0.875	71.6	-34.0	-19.3
70	G50B_087_087de	0.0	0.875	0.875	0.875	0.0	0.778	0.875	69.1	-29.9	-22.5
71	G55B_100_100de	0.0	0.875	1.0	1.0	0.0	0.858	1.0	76.8	-30.8	-29.1
72	G00B_100_100de	0.0	1.0	0.0	1.0	0.0	1.0	0.706	85.1	-64.6	20.7
73	G05B_100_100de	0.0	1.0	0.125	1.0	0.0	1.0	0.778	85.5	-60.7	12.2
74	G11B_100_100de	0.0	1.0	0.25	1.0	0.0	1.0	0.838	85.8	-57.1	4.9
75	G18B_100_100de	0.0	1.0	0.375	1.0	0.0	1.0	0.899	86.2	-53.2	-2.1
76	G25B_100_100de	0.0	1.0	0.5	1.0	0.0	1.0	0.951	86.5	-49.9	-8.4
77	G31B_100_100de	0.0	1.0	0.625	1.0	0.0	1.0	0.997	1.0	86.6	-45.9
78	G38B_100_100de	0.0	1.0	0.75	1.0	0.0	1.0	0.958	1.0	83.9	-42.0
79	G44B_100_100de	0.0	1.0	0.875	1.0	0.0	1.0	0.925	1.0	81.4	-38.3
80	G50B_100_100de	0.0	1.0	1.0	1.0	0.0	1.0	0.89	1.0	79.0	-34.2

Mean color difference of this page: $\Delta E^*_{ab} = 0.6$

TUB-test chart PE72; hue circle; 16 and 8 steps
colors and differences, ΔE^* , 3D=1, de=1*

input: $rgb/cmyk \rightarrow rgb_{de}$
output: 3D-linearization to rgb^*_{de}

TUB registration: 20150701-PE72/PE72L0FA.TXT /.PS
application for measurement of display output, no separation
TUB material: code=rha4ta

n	HIC*F _{de}	rgb_F _{de}	ict_F _{de}	hsi_F _{de}	rgb*F _{de}	LabCh*F _{de}	rgb*F _{de}	LabCh*F _{de}	DE*F _{de} hsi _{de}	rgb*F _{de}	LabCh*F _{de}
81	R00Y_012_012ae	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_012ae	0.125 0.0 0.125	0.125 0.125 0.062	330	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	330
83	B25R_025_025ae	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_037ae	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	29.9 289.7	0.101 0.173 0.354	17.7 9.4 -28.8	30.3 288.2 0.9	243
85	B11R_050_050ae	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_062ae	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_075ae	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_087ae	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_100ae	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_012ae	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 92.3	0.139 0.115 0.038	10.1 -0.3 11.5	11.5 91.7 1.0	82
91	NW_012ae	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_012ae	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_025ae	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_037ae	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_050ae	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_062ae	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_075ae	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_087ae	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_025ae	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_012ae	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_012ae	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_025ae	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_037ae	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_050ae	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	24.7 258.9	0.256 0.453 0.598	44.2 -5.4 -24.1	24.7 257.3 0.6	227
105	G90B_075_062ae	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_075ae	0.125 0.25 0.875	0.875 0.75 0.5	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_087ae	0.125 0.25 1.0	1.0 0.875 0.562	262	0.125 0.698 1.0	65.4 -4.4 -45.3	45.6 266.4	0.294 0.696 1.0	65.3 -4.9 -45.0	45.2 263.6 0.7	229
108	Y68G_037_037ae	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_025ae	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_025ae	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_025ae	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_037ae	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_050ae	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_062ae	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_075ae	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_087ae	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_050ae	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_037ae	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_037ae	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_037ae	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_037ae	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_050ae	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_062ae	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_075ae	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_087ae	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_062ae	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_050ae	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_050ae	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_050ae	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	25.6 189.6 0.3	207
130	G38B_062_050ae	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_050ae	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_062ae	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_075ae	0.125 0.625 0.875	0.875 0.75 0.5	229	0.125 0.731 0.875	66.9 -18.9 -36.3	32.4 234.3	0.29 0.721 0.865	66.7 -19.1 -36.4	32.6 234.0 0.3	220
134	G70B_100_087ae	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_075ae	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_062ae	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_062ae	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_062ae	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_062ae	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_062ae	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_062ae	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_075ae	0.125									

n	HIC*Fde	rgb_Fde	ict_Fde	hsi_Fde	rgb*Fde	LabCh*Fde	rgb*Fde	LabCh*Fde	DE**Fde hsiMde	rgb*Mde	LabCh*Mde
162	R00Y_025_025de	0.25 0.0 0.0	0.25 0.25 0.125	390	0.25 0.0 0.065	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_025de	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	232.9 1.5 352	1.0 0.0 0.617
164	B50R_025_025de	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_037de	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_050de	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_062de	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_075de	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_087de	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_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
171	R50Y_025_025de	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_012de	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_012de	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_025de	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_037de	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_050de	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_062de	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	42.3 281.0	0.278 0.441 0.729	45.2 8.2 -41.2	42.0 281.2 0.6	238
178	B07R_087_075de	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_087de	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_025de	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_012de	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_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
183	B00R_037_012de	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_025de	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_037de	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_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
187	B00R_087_062de	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_075de	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_037de	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_025de	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	0.364 0.383 0.185	33.4 -16.5 21.0	26.7 128.0 0.8	118
191	G00B_037_012de	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_012de	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_025de	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_037de	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	17.1 254.3	0.36 0.497 0.597	48.8 -5.2 -16.9	17.7 257.2 0.5	226
195	G88B_075_050de	0.25 0.375 0.75	0.75 0.5 0.5	256	0.25 0.592 0.75	56.1 -4.5 -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_062de	0.25 0.375 0.875	0.875 0.625 0.562	259	0.25 0.668 0.875	63.5 -4.7 -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_075de	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_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
199	Y68G_050_037de	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_025de	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_025de	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_025de	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_037de	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_050de	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_062de	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_075de	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_062de	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_050de	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_037de	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_037de	0.25 0.625 0.375	0.625 0.375 0.437	169	0.25 0.625 0.58 0.561	-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_037de	0.25 0.625 0.5	0.625 0.375 0.437	191	0.25 0.618 0.625 0.559	-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_037de	0.25 0.625 0.625	0.625 0.375 0.437	210	0.25 0.583 0.625 0.535	-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_050de	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_062de	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_075de	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_075de	0.25 0.75 0.0	0.75 0.75 0.375	131	0.0 0.75 0.204	62.0 -60.1 50.2	78.3 140.0	0.129 0.726 0.217	62.6 -60.2 50.6	78.6 139.9 0.3	165
217	Y81G_075_062de	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_050de	0.25 0.75 0.25	0.75 0.5 0.5	150	0.125 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_050de	0.25 0.75 0.375	0.75 0.5 0.5	164	0.125 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_050de	0.25 0.75 0.5	0.75 0.5 0.5	180	0.125 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_050de	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_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
223	G59B_087_062de	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	0.431 0.765 0.863	71.0 -18.3 -19.6		

see similar files: <http://130.149.60.45/~farbmetrik/PE72/PE72L0FA.TXT> /.PS
technical information: <http://www.ps.bam.de> or <http://130.149.60.45/~farbmetrik>

n	HIC*F _{de}	rgb_F _{de}	ict_F _{de}	hsi_F _{de}	rgb*F _{de}	LabCh*F _{de}	rgb*F _{de}	LabCh*F _{de}	DE*F _{de} hsi _m		
243	R00Y_037_037 _{de}	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
244	R18Y_037_037 _{de}	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
245	B65R_037_037 _{de}	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
246	B50R_037_037 _{de}	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
247	B38R_050_050 _{de}	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
248	B30R_062_062 _{de}	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
249	B25R_075_075 _{de}	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
250	B20R_087_087 _{de}	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
251	B18R_100_100 _{de}	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
252	R31Y_037_037 _{de}	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
253	R00Y_037_025 _{de}	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
254	R00Y_037_025 _{de}	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
255	B50R_037_025 _{de}	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
256	B34R_050_037 _{de}	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
257	B25R_062_050 _{de}	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
258	B19R_075_062 _{de}	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
259	B15R_087_075 _{de}	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
260	B13R_100_087 _{de}	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
261	R68Y_037_037 _{de}	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
262	R50Y_037_025 _{de}	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
263	R00Y_037_012 _{de}	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 25.6	0.366 0.273 0.268	30.1 9.6 4.5	10.6 25.2 0.2	375
264	B50R_037_012 _{de}	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
265	B25R_050_025 _{de}	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	26.2 300.7	0.327 0.304 0.476	33.2 12.7 -23.1	26.4 298.8 0.6	254
266	B15R_062_037 _{de}	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
267	B11R_075_050 _{de}	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
268	B09R_087_062 _{de}	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
269	B07R_100_075 _{de}	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
270	Y00G_037_037 _{de}	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
271	Y00G_037_025 _{de}	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
272	Y00G_037_012 _{de}	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
273	NW_037 _{de}	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
274	B00R_050_012 _{de}	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
275	B00R_062_025 _{de}	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
276	B00R_075_037 _{de}	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
277	B00R_087_050 _{de}	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
278	B00R_100_062 _{de}	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
279	Y23G_050_050 _{de}	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
280	Y31G_050_037 _{de}	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
281	Y50G_050_025 _{de}	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
282	G00B_050_012 _{de}	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
283	G50B_050_012 _{de}	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
284	G75B_062_025 _{de}	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
285	G84B_075_037 _{de}	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
286	G88B_087_050 _{de}	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
287	G90B_100_062 _{de}	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
288	Y38G_062_062 _{de}	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 0.906	54.9 -29.9 53.9	61.6 119.0 0.5	105
289	Y50G_062_050 _{de}	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
290	Y68G_062_037 _{de}	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
291	G00B_062_025 _{de}	0.375 0.625 0.375	0.625 0.25 0.5	180	0.375 0.625 0.551	57.0 -16.1 5.1	16.9 182.2	0.449 0.599 0.529	56.9 -16.2 4.8	16.9 163.4 0.3	193
292	G25B_062_025 _{de}	0.375 0.625 0.5	0.625 0.25 0.5	150	0.375 0.625 0.612	57.4 -12.4 -2.1	12.6 186.6	0.453 0.597 0.584	57.2 -12.8 -2.2	13.0 189.9 0.4	207
293	G50B_062_025 _{de}	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	55.5 -9.0 -6.4	11.1 215.6 0.4	215
294	G65B_075_037 _{de}	0.375 0.625 0.75	0.75 0.375 0.562	229	0.375 0.678 0.75	63.2 -9.4 -13.1	16.2 234.3	0.49.			

see similar files: <http://130.149.60.45/~farbmetrik/PE72/PE72L0FA.TXT> /PS
technical information: <http://www.ps.bam.de> or <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
324	R00Y_050_050a	0.5	0.0	0.0	0.5	0.5	0.25	390	0.5	0.0	0.263
325	R26Y_050_050a	0.5	0.0	0.125	0.5	0.5	0.25	376	1.0	0.0	0.429
326	R00Y_050_050a	0.5	0.0	0.25	0.5	0.5	0.25	360	1.0	0.0	0.617
327	B61R_050_050a	0.5	0.0	0.375	0.5	0.5	0.25	344	1.0	0.0	0.747
328	B50R_050_050a	0.5	0.0	0.5	0.5	0.5	0.25	330	1.0	0.0	0.991
329	B40R_062_062a	0.5	0.0	0.625	0.625	0.625	0.312	319	0.444	0.0	1.0
330	B34R_075_075a	0.5	0.0	0.75	0.75	0.75	0.375	311	0.0	0.116	1.0
331	B29R_087_087a	0.5	0.0	0.875	0.875	0.875	0.437	305	0.0	0.27	1.0
332	B25R_100_100a	0.5	0.0	1.0	1.0	1.0	0.5	300	0.0	0.27	1.0
333	R23Y_050_050a	0.5	0.125	0.0	0.5	0.5	0.25	44	1.0	0.102	0.0
334	R00Y_050_037a	0.5	0.125	0.125	0.5	0.375	0.312	390	1.0	0.0	0.263
335	R18Y_050_037a	0.5	0.125	0.25	0.5	0.375	0.312	371	1.0	0.0	0.486
336	B65R_050_037a	0.5	0.125	0.375	0.5	0.375	0.312	349	1.0	0.0	0.686
337	B50R_050_037a	0.5	0.125	0.5	0.5	0.375	0.312	330	0.638	0.0	1.0
338	B38R_062_050a	0.5	0.125	0.625	0.625	0.5	0.375	316	0.145	0.0	1.0
339	B30R_075_062a	0.5	0.125	0.75	0.75	0.625	0.437	307	0.0	0.27	1.0
340	B25R_087_075a	0.5	0.125	0.875	0.875	0.75	0.5	300	0.0	0.364	1.0
341	B20R_100_087a	0.5	0.125	1.0	1.0	0.875	0.562	295	1.0	0.487	0.0
342	R50Y_050_050a	0.5	0.25	0.0	0.5	0.5	0.25	60	1.0	0.29	0.0
343	R31Y_050_037a	0.5	0.25	0.125	0.5	0.375	0.312	49	1.0	0.0	0.263
344	R00Y_050_025a	0.5	0.25	0.25	0.5	0.25	0.375	390	1.0	0.0	0.617
345	R00Y_050_025a	0.5	0.25	0.375	0.5	0.25	0.375	360	1.0	0.0	0.991
346	B50R_050_025a	0.5	0.25	0.5	0.5	0.25	0.375	330	0.444	0.0	1.0
347	B34R_062_037a	0.5	0.25	0.625	0.625	0.375	0.437	311	0.0	0.27	1.0
348	B25R_075_050a	0.5	0.25	0.75	0.75	0.5	0.5	300	0.0	0.27	1.0
349	B19R_087_062a	0.5	0.25	0.875	0.875	0.625	0.562	293	0.0	0.392	1.0
350	B15R_100_075a	0.5	0.25	1.0	1.0	0.75	0.625	289	0.0	0.44	1.0
351	R76Y_050_050a	0.5	0.375	0.0	0.5	0.5	0.25	76	1.0	0.684	0.0
352	R68Y_050_037a	0.5	0.375	0.125	0.5	0.375	0.312	71	0.0	0.626	0.0
353	R50Y_050_025a	0.5	0.375	0.25	0.5	0.25	0.375	60	1.0	0.487	0.0
354	R00Y_050_012a	0.5	0.375	0.375	0.5	0.125	0.437	390	1.0	0.0	0.263
355	B50R_050_012a	0.5	0.375	0.5	0.5	0.125	0.437	330	1.0	0.0	0.991
356	B25R_062_025a	0.5	0.375	0.625	0.625	0.25	0.5	300	0.0	0.27	1.0
357	B15R_075_037a	0.5	0.375	0.75	0.75	0.375	0.562	289	0.0	0.44	1.0
358	B11R_087_050a	0.5	0.375	0.875	0.875	0.5	0.625	284	0.0	0.5	1.0
359	B09R_100_062a	0.5	0.375	1.0	1.0	0.625	0.687	281	0.0	0.523	1.0
360	Y00G_050_050a	0.5	0.5	0.0	0.5	0.5	0.25	90	1.0	0.856	0.0
361	Y00G_050_037a	0.5	0.5	0.125	0.5	0.375	0.312	90	1.0	0.856	0.0
362	Y00G_050_025a	0.5	0.5	0.25	0.5	0.25	0.375	90	1.0	0.856	0.0
363	Y00G_050_012a	0.5	0.5	0.375	0.5	0.125	0.437	90	1.0	0.856	0.0
364	NW_050a	0.5	0.5	0.5	0.5	0.0	0.5	360	0.0	1.0	1.0
365	B00R_062_012a	0.5	0.5	0.625	0.625	0.125	0.562	270	0.0	0.609	1.0
366	B00R_075_025a	0.5	0.5	0.75	0.75	0.25	0.625	270	0.0	0.609	1.0
367	B00R_087_037a	0.5	0.5	0.875	0.875	0.375	0.687	270	0.0	0.609	1.0
368	B00R_100_050a	0.5	0.5	1.0	1.0	0.5	0.75	270	0.0	0.609	1.0
369	Y18G_062_062a	0.5	0.625	0.0	0.625	0.625	0.312	101	0.0	0.963	1.0
370	Y23G_062_050a	0.5	0.625	0.125	0.625	0.5	0.375	104	0.0	0.906	1.0
371	Y31G_062_037a	0.5	0.625	0.25	0.625	0.375	0.437	109	0.0	0.806	1.0
372	Y50G_062_025a	0.5	0.625	0.375	0.625	0.25	0.5	120	0.0	0.528	1.0
373	G00B_062_012a	0.5	0.625	0.5	0.625	0.125	0.562	150	0.0	0.706	1.0
374	G50B_062_012a	0.5	0.625	0.625	0.625	0.125	0.562	210	0.0	0.89	1.0
375	G75B_075_025a	0.5	0.625	0.75	0.75	0.25	0.625	240	0.0	0.763	1.0
376	G84B_087_037a	0.5	0.625	0.875	0.875	0.375	0.687	251	0.0	0.71	1.0
377	G88B_100_050a	0.5	0.625	1.0	1.0	0.5	0.75	256	0.0	0.685	1.0
378	Y31G_075_075a	0.5	0.75	0.0	0.75	0.75	0.375	109	0.0	0.806	1.0
379	Y38G_075_062a	0.5	0.75	0.125	0.75	0.625	0.437	113	0.0	0.719	1.0
380	Y50G_075_050a	0.5	0.75	0.25	0.75	0.5	0.5	120	0.0	0.528	1.0
381	Y68G_075_037a	0.5	0.75	0.375	0.75	0.375	0.562	131	0.0	0.5	1.0
382	G00B_075_025a	0.5	0.75	0.5	0.75	0.25	0.625	150	0.0	0.1	0.273
383	G25B_075_025a	0.5	0.75	0.625	0.75	0.25	0.625	180	0.0	0.706	1.0
384	G50B_075_025a	0.5	0.75	0.75	0.75	0.25	0.625	210	0.0	0.951	0.0
385	G65B_087_037a	0.5	0.75	0.875	0.875	0.375	0.687	229	0.0	0.89	1.0
386	G75B_100_050a	0.5	0.75	1.0	1.0	0.5	0.75	240	0.0	0.808	1.0
387	Y41G_087_087a	0.5	0.875	0.0	0.875	0.875	0.437	115	0.0	0.763	1.0
388	Y50G_087_075a	0.5	0.875	0.125	0.875	0.75	0.5	120	0.0	0.67	1.0
389	Y61G_087_062a	0.5	0.875	0.25	0.875	0.625	0.562	127	0.0	0.528	1.0
390	Y76G_087_050a	0.5	0.875	0.375	0.875	0.5	0.625	136	0.0	0.436	1.0
391	G00B_087_037a	0.5	0.875	0.5	0.875	0.375	0.687	150	0.0	0.1	0.706
392	G15B_087_037a	0.5	0.875	0.625	0.875	0.375	0.687	169	0.0	0.88	0.86
393	G34B_087_037a	0.5	0.875	0.75	0.875	0.375	0.687	191	0.0	0.982	1.0
394	G50B_087_037a	0.5	0.875	0.875	0.875	0.375	0.687	210	0.0	0.89	1.0
395	G61B_100_050a	0.5	0.875	1.0	1.0	0.5	0.75	224	0.0	0.829	1.0
396	Y50G_100_100a	0.5	1.0	0.0	1.0	0.5	1.0	120	0.0	0.528	1.0
397	Y58G_100_087a	0.5	1.0	0.125	1.0	0.875	0.562	125	0.0	0.309	1.0
398	Y68G_100_075a	0.5	1.0	0.25	1.0	0.75	0.625	131	0.0	0.1	0.273
399	Y81G_100_062a	0.5	1.0	0.375	1.0	0.625	0.687	139	0.0	0.1	0.513
400	G00B_100_050a	0.5	1.0	0.5	1.0	0.5	0.75	150	0.0	0.706	0.85
401	G11B_100_050a	0.5	1.0	0.625	1.0	0.5	0.75	164	0.0	0.1	0.838
402	G25B_100_050a	0.5	1.0	0.75	1.0	0.5	0.75	186	0.0	0.1	0.951
403	G38B_100_050a	0.5	1.0	0.875	1.0	0.5	0.75	196	0.0	0.958	1.0
404	G50B_100_050a	0.5	1.0	1.0	1.0	0.5	0.75	210	0.0	0.89	1.0

Mean color difference of this page: $\Delta E^*_{ab} = 17.5$
delta E** = 0.4

TUB-test chart PE72; hue circle; 16 and 8 steps
colors and differences, ΔE^* , 3D=1, de=1*

input: $rgb/cmyk \rightarrow rgb_{de}$
output: 3D-linearization to rgb^*_{de}

TUB registration: 20150701-PE72/PE72L0FA.TXT /PS
application for measurement of display output, no separation
TUB material: code=rha4ta

http://130.149.60.45/~farbmetrik/PE72/PE72L0FA.TXT /.PS; 3D-linearization
F: 3D-linearization PE72/PE72LE30FA.DAT in file (F), page 14/22

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	54.2 25.4	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 86.7 25.4
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	51.2 13.2	0.603 0.104 0.25	31.9 50.3 11.3	51.6 12.6 0.6 366	1.0 0.0 0.395 51.4 79.8 18.7 82.0 13.2	
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 -0.1	51.3 359.8	0.6 0.107 0.329	32.4 51.6 -0.7	51.6 359.2 0.6 357	1.0 0.0 0.533 52.3 82.1 -0.2 82.1 359.8	
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	51.3 350.4	0.599 0.111 0.39	33.0 52.8 -9.4	53.6 349.9 0.6 350	1.0 0.0 0.637 53.1 84.1 -14.2 85.3 350.4	
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	59.0 339.0	0.599 0.114 0.479	34.0 55.3 -21.6	59.4 338.5 0.6 341	1.0 0.0 0.793 54.7 88.2 -33.8 94.5 339.0	
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	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	
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	85.1 320.0	0.575 0.084 0.725	36.1 65.7 -55.0	85.7 320.0 0.7 318	0.784 0.0 1.0 48.6 87.0 -72.8 113.5 320.0	
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	105.3 310.4	0.501 0.04 0.861	35.6 71.7 -75.3	104.0 313.5 0.5 304	0.568 0.0 1.0 40.8 81.3 -85.9 118.3 313.4	
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	125.7 307.7	0.264 0.0 0.999	32.8 76.9 -99.4	125.7 307.7 0.0 284	0.263 0.0 1.0 32.8 76.9 -99.3 125.7 307.7	
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	61.0 37.7	0.605 0.101 0.064	31.3 48.6 38.2	61.8 38.1 1.0 386	1.0 0.0 0.062 50.5 77.2 59.7 97.6 37.7	
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	43.3 25.4	0.619 0.237 0.251	37.2 39.2 18.3	43.2 25.0 0.3 375	1.0 0.0 0.263 50.9 78.3 37.3 86.7 25.4	
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	40.8 9.8	0.614 0.24 0.33	37.6 40.2 6.6	40.7 9.3 0.4 364	1.0 0.0 0.429 51.6 80.5 14.0 81.7 9.8	
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	42.2 352.0	0.608 0.245 0.421	38.3 41.6 -6.2	42.1 351.4 0.4 352	1.0 0.0 0.617 52.9 83.6 -11.6 84.4 352.0	
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	45.6 341.8	0.607 0.25 0.482	38.9 43.2 -14.5	45.5 341.3 0.4 344	1.0 0.0 0.747 54.1 86.7 -28.3 91.2 341.8	
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	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	
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	71.5 318.1	0.58 0.243 0.728	40.8 53.2 -47.8	71.5 318.0 0.1 314	0.729 0.0 1.0 46.5 85.3 -76.3 114.5 318.1	
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	91.1 310.5	0.495 0.216 0.865	39.5 59.8 -69.4	91.6 310.7 0.5 296	0.444 0.0 1.0 37.0 79.0 -92.2 121.5 310.5	
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	107.0 304.9	0.342 0.243 1.0	40.0 60.9 -87.4	106.5 304.8 0.5 263	0.0 0.116 1.0 32.3 70.0 -100.3 122.3 304.9	
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	54.7 51.0	0.602 0.246 0.051	36.4 34.2 43.3	55.2 51.6 0.7 52	1.0 0.379 0.0 58.3 54.9 68.1 87.5 51.0	
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	49.3 41.0	0.623 0.247 0.156	37.5 36.9 32.5	49.2 41.3 0.3 35	1.0 0.102 0.0 51.3 74.4 64.8 98.7 41.0	
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	32.5 25.4	0.626 0.335 0.332	42.7 29.2 13.6	32.2 25.0 0.4 375	1.0 0.0 0.263 50.9 78.3 37.3 86.7 25.4	
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	30.5 4.3	0.617 0.339 0.415	43.1 30.3 1.8	30.2 3.4 0.5 360	1.0 0.0 0.486 51.9 81.1 6.1 81.3 4.3	
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	32.9 346.6	0.613 0.343 0.488	43.8 32.0 -8.1	33.0 346.7 0.5 347	1.0 0.0 0.686 53.6 85.5 -20.3 87.9 346.6	
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	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	
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	58.2 315.3	0.578 0.339 0.73	45.2 41.4 -41.2	58.4 315.3 0.3 309	0.638 0.0 1.0 43.2 82.9 -81.9 116.5 315.3	
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	79.6 306.8	0.477 0.311 0.868	43.2 47.9 -63.9	79.9 306.8 0.3 277	0.145 0.0 1.0 31.2 76.3 -102.0 127.4 306.8	
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	78.7 300.1	0.474 0.443 1.0	42.3 38.8 -67.2	77.6 300.0 1.1 254	0.0 0.27 1.0 38.2 52.7 -90.7 104.9 300.1	
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	50.2 66.6	0.6 0.354 0.06	42.1 19.7 46.9	50.9 67.2 0.8 65	1.0 0.576 0.0 67.6 31.8 73.8 80.4 66.6	
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	41.3 58.8	0.614 0.364 0.18	43.4 21.0 35.7	41.4 59.5 0.4 59	1.0 0.487 0.0 63.1 42.7 70.8 82.7 58.8	
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	34.4 26.6	0.63 0.371 0.271	44.6 23.3 24.9	34.1 26.9 0.3 46	1.0 0.29 0.0 55.4 63.0 66.8 91.8 46.6	
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	21.6 25.4	0.624 0.425 0.417	48.3 19.1 8.9	21.1 25.1 0.5 375	1.0 0.0 0.263 50.9 78.3 37.3 86.7 25.4	
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	21.1 352.0	0.612 0.43 0.507	48.9 20.6 -3.2	20.9 351.0 0.4 352	1.0 0.0 0.617 52.9 83.6 -11.6 84.4 352.0	
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	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	
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	45.5 310.5	0.569 0.424 0.732	49.5 29.2 -34.6	45.3 310.2 0.3 296	0.444 0.0 1.0 37.0 79.0 -92.2 121.5 310.5	
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	52.4 300.1	0.545 0.495 0.869	54.9 26.0 -45.2	52.2 299.9 0.3 254	0.0 0.27 1.0 38.2 52.7 -90.7 104.9 300.1	
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	54.3 293.5	0.573 0.604 1.0	63.6 21.1 -49.1	53.4 293.3 0.9 247	0.0 0.392 1.0 44.9 34.7 -79.7 86.9 293.5	
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	50.0 80.0	0.598 0.435 0.072	47.1 8.2 50.1	50.8 80.7 0.9 74	1.0 0.719 0.0 75.5 13.8 78.9 80.1 80.0	
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	39.9 76.7	0.609 0.45 0.197	48.5 8.6 39.2	40.1 77.5 0.6 72	1.0 0.684 0.0 73.5 18.3 77.7 79.8 76.7	
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	29.7 71.1	0.616 0.466 0.298	50.1 9.0 28.1	29.5 72.1 0.5 68	1.0 0.626 0.0 70.1 25.6 75.1 79.3 71.1	
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	20.6 58.8	0.622 0.48 0.388	51.5 10.2 17.5	20.3 59.6 0.4 59	1.0 0.487 0.0 63.1 42.7 70.8 82.7 58.8	
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	10.8 25.4	0.616 0.512 0.506	54.1 9.4 4.4	10.4 25.3 0.3 375	1.0 0.0 0.263 50.9 78.3 37.3 86.7 25.4	
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	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	
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	26.2 300.0	0.578 0.545 0.731	57.1 12.7 -22.6	26.0 299.3 0.4 254	0.0 0.27 1.0 38.2 52.7 -90.7 104.9 300.0	
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	29.9 289.7	0.62 0.644 0.867	65.5 10.0 -28.3	30.0 289.6 0.2 243	0.0 0.44 1.0 47.9 26.9 -75.0 79.7 289.7	
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	35.3 285.0	0.665 0.737 1.0	73.4 8.7 -33.6	34.8 284.5 0.6 239	0.0 0.5 1.0 51.8 18.3 -68.3 70.7 285.0	
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	52.8 92.3	0.598 0.514 0.085	52.3 -2.5 53.5	53.5 92.7 0.8 82	1.0 0.856 0.0 83.7 -3.4 84.5 84.5 92.3	
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	42.2 92.3	0.607 0.53 0.218	53.8 -2.1 42.5	42.6 92.8 0.5 82	1.0 0.856 0.0 83.7 -3.4 84.5 84.5 92.3	
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	31.7 92.3	0.61 0.545 0.318	55.2 -1.7 31.7	31.8 93.1 0.4 82	1.0 0.856 0.0 83.7 -3.4 84.5 84.5 92.3	
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	21.1 92.3	0.61 0.56 0.413	56.6 -1.1 20.8	20.9 93.1 0.4 82	1.0 0.856 0.0 83.7 -3.4 84.5 84.5 92.3	
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	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	
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	0.0 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	
456	B00R_075_012de	0.625 0.625 0.75	0.75 0.125 0.									

http://130.149.60.45/~farbmetrik/PE72/PE72L0FA.TXT /.PS; 3D-linearization
F: 3D-linearization PE72/PE72LE30FA.DAT in file (F), page 15/22

n	HIC*F _{de}	rgb_F _{de}	ict_F _{de}	hsi_F _{de}	rgb*F _{de}	LabCh*F _{de}	rgb*F _{de}	LabCh*F _{de}	DE*F _{de} hsi _{de}	rgb*F _{de}	LabCh*F _{de}	DE*F _{de} hsi _{de}	rgb*F _{de}	LabCh*F _{de}																				
486	R00Y_075_075de	0.75	0.0	0.0	0.75	0.75	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	0.375	38.1	0.75	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	51.3	79.2	21.9	82.2	15.4				
488	R18Y_075_075de	0.75	0.0	0.25	0.75	0.75	0.375	371	0.75	0.364	38.9	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	51.9	81.1	6.1	81.3	4.3				
489	R00Y_075_075de	0.75	0.0	0.375	0.75	0.75	0.375	360	0.75	0.463	39.7	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	83.6	-11.6	84.4	352.0					
490	B65R_075_075de	0.75	0.0	0.5	0.75	0.75	0.375	349	0.75	0.514	40.2	64.1	-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	85.5	-20.3	87.9	346.6					
491	B57R_075_075de	0.75	0.0	0.625	0.75	0.75	0.375	339	0.75	0.618	41.3	66.8	-28.1	72.5	337.1	0.729	0.098	0.6	41.0	67.1	-28.4	72.9	337.0	0.4	339	89.1	-37.5	96.7	337.1					
492	B50R_075_075de	0.75	0.0	0.75	0.75	0.75	0.375	330	0.75	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	94.1	-57.4	110.3	328.6					
493	B43R_087_087de	0.75	0.0	0.875	0.875	0.875	0.375	322	0.709	0.0	0.745	43.4	76.9	-62.2	98.9	321.0	0.7	0.055	0.86	43.1	77.2	-62.6	99.4	320.9	0.5	319	87.9	-71.1	113.0	321.0				
494	B38R_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	82.9	-81.9	116.5	315.3				
495	R15Y_075_075de	0.75	0.125	0.0	0.75	0.75	0.375	39	0.75	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	77.2	55.0	94.8	35.5					
496	R00Y_075_062de	0.75	0.125	0.125	0.75	0.625	0.437	390	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	379	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	367	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	82.1	-0.2	82.1	359.8				
499	B69R_075_062de	0.75	0.125	0.5	0.75	0.625	0.437	353	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	84.1	-14.2	85.3	350.4				
500	B59R_075_062de	0.75	0.125	0.625	0.75	0.625	0.437	341	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	88.2	-33.8	94.5	339.0				
501	B50R_075_062de	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	0.722	47.4	58.8	-36.0	69.0	328.5	0.2	330	94.1	-57.4	110.3	328.6				
502	B42R_087_075de	0.75	0.125	0.875	0.875	0.75	0.5	321	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	87.8	-72.8	113.5	320.0				
503	B36R_100_087de	0.75	0.125	1.0	1.0	0.875	0.562	314	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	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	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	77.2	59.7	97.6	37.7				
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	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	376	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	80.5	14.0	81.7	9.8				
508	R00Y_075_050de	0.75	0.25	0.5	0.75	0.5	0.5	360	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	83.6	-11.6	84.4	352.0				
509	B61R_075_050de	0.75	0.25	0.625	0.75	0.5	0.5	344	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	86.7	-28.3	91.2	341.8				
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	94.1	-57.4	110.3	328.6				
511	B40R_087_062de	0.75	0.25	0.875	0.875	0.625	0.562	319	0.75	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	87.9	-76.3	114.5	318.1				
512	B34R_100_075de	0.75	0.25	1.0	1.0	0.75	0.625	311	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	82.1	-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	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	34.0	42.9	54.8	51.6	0.5	52	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	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	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	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	371	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	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	349	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	85.5	-20.3	87.9	346.6				
519	B50R_075_037de	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	94.1	-57.4	110.3	328.6				
520	B38R_087_050de	0.75	0.375	0.875	0.875	0.5	0.625	316	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	82.9	-81.9	116.5	315.3				
521	B30R_100_062de	0.75	0.375	1.0	1.0	0.625	0.687	307	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	82.1	-92.2	121.5	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	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	0.75	0.485	0.125	54.1	19.8	46.1	50.2	66.6	0.743	0.477	0.195	54.1	19.5	46.6	50.5	67.3	0.6	65	61.8	73.8	80.4	66.6				
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	63.1	42.7	70.8	82.7	58.8			
525	R31Y_075_037de	0.75	0.5	0.375	0.75	0.375	0.562	49	0.75	0.483	0.375	56.5	23.6	25.0	34.4	46.6	0.77	0.494	0.389	56.5	23.3	24.8	34.1	46.8	0.3	46	63.0	66.8	91.8	46.6				
526	R00Y_075_025de	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</																

http://130.149.60.45/~farbmetrik/PE72/PE72L0FA.TXT /.PS; 3D-linearization
F: 3D-linearization PE72/PE72LE30FA.DAT in file (F), page 16/22

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	25.2 0.4 375	1.0 0.0 0.263	50.9 78.3 37.3
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	1.0 0.0 0.36	51.3 79.3 23.5
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	1.0 0.0 0.452	51.7 80.8 10.8
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	1.0 0.0 0.557	52.5 82.7 -3.4
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	1.0 0.0 0.615	52.9 83.5 -11.2
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	1.0 0.0 0.723	53.9 86.3 -25.1
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	1.0 0.0 0.84	55.2 89.5 -39.5
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	1.0 0.0 0.991	57.1 94.1 -57.4
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 32.1 0.1 321	0.837 0.0 1.0	50.7 88.7 -69.4
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 34.9 0.4 382	1.0 0.0 0.14	50.6 77.4 53.0
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	1.0 0.0 0.263	50.9 78.3 37.3
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	1.0 0.0 0.373	51.3 79.2 21.9
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	1.0 0.0 0.486	51.9 81.1 6.1
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	1.0 0.0 0.617	52.9 83.6 -11.6
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	1.0 0.0 0.686	53.6 85.5 -20.3
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	1.0 0.0 0.824	55.0 89.1 -37.5
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 32.5 0.3 330	1.0 0.0 0.991	57.1 94.1 -57.4
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 0.0 1.0	49.6 87.9 -71.1
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	1.0 0.198 0.0	53.0 69.6 65.6
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	1.0 0.0 0.123	50.5 77.2 55.0
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	1.0 0.0 0.263	50.9 78.3 37.3
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	1.0 0.0 0.395	51.4 79.8 18.7
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	1.0 0.0 0.533	52.3 82.1 -0.2
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	1.0 0.0 0.637	53.1 84.1 -14.2
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 0.739	57.9 55.0 -21.1	58.9 33.0 0.1 341	1.0 0.0 0.793	54.7 88.2 -33.8
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	59.5 58.8 -35.9	68.9 32.5 0.1 330	1.0 0.0 0.991	57.1 94.1 -57.4
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 62.5 -54.6	0.861 0.401 1.0	60.2 65.0 -54.0	84.6 32.0 0.6 318	0.784 0.0 1.0	48.6 87.0 -71.8
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	1.0 0.41 0.0	59.7 51.4 69.1
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	1.0 0.29 0.0	55.4 63.0 66.8
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 35.7 0.1 386	1.0 0.0 0.062	50.5 77.2 59.7
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 0.492 0.486	61.2 39.0 18.4	43.1 27.2 0.2 375	1.0 0.0 0.263	50.9 78.3 37.3
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	1.0 0.0 0.429	51.6 80.5 14.0
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	1.0 0.0 0.617	52.9 83.6 -11.6
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	1.0 0.0 0.747	54.1 86.7 -28.3
601	B50R_087_050de	0.875 0.375 0.875	0.875 0.5 0.625	330	0.875 0.375 0.877	64.3 47.0 -28.7	0.884 0.515 0.86	64.3 46.8 -28.6	49.4 32.8 0.2 330	1.0 0.0 0.991	57.1 94.1 -57.4
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 0.0 1.0	46.5 85.3 -76.3
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	1.0 0.552 0.0	66.3 34.9 73.1
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	1.0 0.487 0.0	63.1 42.7 70.8
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 34.3 42.5	0.898 0.495 0.296	60.3 34.1 42.6	54.6 51.3 0.2 52	1.0 0.379 0.0	58.3 54.9 68.1
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	1.0 0.102 0.0	51.3 74.4 64.8
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	1.0 0.0 0.263	50.9 78.3 37.3
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	1.0 0.0 0.486	51.9 81.1 6.1
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	1.0 0.0 0.686	53.6 85.5 -20.3
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	1.0 0.0 0.991	57.1 94.1 -57.4
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 0.0 1.0	43.2 82.9 -81.9
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	1.0 0.661 0.0	72.1 21.3 76.7
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	0.876 0.585 0.209	64.4 19.2 56.6	59.8 71.2 0.3 68	1.0 0.626 0.0	70.1 25.6 75.1
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	1.0 0.576 0.0	67.6 31.8 73.8
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 58.5 0.3 59	1.0 0.487 0.0	63.1 42.7 70.8
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	1.0 0.29 0.0	55.4 63.0 66.8
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	1.0 0.0 0.263	50.9 78.3 37.3
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	1.0 0.0 0.617	52.9 83.6 -11.6
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	1.0 0.0 0.991	57.1 94.1 -57.4
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 0.0 1.0	37.0 79.0 -92.2
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	74.8 83.3 0.3 76	1.0 0.754 0.0	77.5 9.2 80.0
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	0.874 0.669 0.226	69.4 8.1 59.8	60.4 82.2 0.2 75	1.0 0.742 0.0	76.8 10.7 79.6
623	R81Y_087_062de	0.875 0.75 0.25	0.875 0.625 0.								

see similar files: <http://130.149.60.45/~farbmetrik/PE72/PE72L0FA.TXT> /.PS
technical information: <http://www.ps.bam.de> or <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
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 0.274 0.346	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 0.276 0.434	55.8 68.1 18.9	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 0.25 0.5	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 0.279 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 0.282 0.66	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 0.757	59.1 75.5 -21.9	78.6 343.7	1.0 0.285 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 0.289 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 0.296 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 0.272 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 0.409 0.432	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 0.412 0.501	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 0.415 0.605	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 0.42 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 0.421 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 0.427 0.868	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	82.7 328.6	1.0 0.436 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 0.359 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	40
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				

see similar files: <http://130.149.60.45/~farbmetrik/PE72/PE72L0FA.TXT> /.PS
technical information: <http://www.ps.bam.de> or <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
729	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 0.0	1.0 1.0 1.0	95.4 0.0 0.0	325.2 0.0	360
730	G50B_100_012de	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_025de	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_037de	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_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
734	G50B_100_062de	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_075de	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_087de	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_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
738	RO0Y_100_012de	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	2.6 375
739	NW_087de	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
740	G50B_087_012de	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 0.85	81.3 -4.4 -3.2	5.5 216.4	0.1 215
741	G50B_087_025de	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_037de	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_050de	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_062de	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_075de	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_087de	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 -22.7	37.7 216.8	0.2 215
747	RO0Y_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
748	RO0Y_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	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_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
750	G50B_075_012de	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_025de	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_037de	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_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
754	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
755	G50B_075_075de	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_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
757	RO0Y_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	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_012de	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_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	0.0 0.0	0.59 0.593 0.594	59.4 -0.2 -0.1	0.3 206.3	0.3 360
760	G50B_062_012de	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_025de	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_037de	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_050de	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_062de	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_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
766	RO0Y_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	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_025de	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_012de	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_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
770	G50B_050_012de	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	5.8 215.4	0.4 215
771	G50B_050_025de	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_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
773	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
774	RO0Y_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	64.6 46.4 21.9	51.3 25.2	3.9 375
775	RO0Y_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	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_037de	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_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	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_012de	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_037de	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
780	G50B_037_012de	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.				

n	HIC*F _{de}	rgb_F _{de}	ict_F _{de}	hsi_F _{de}	rgb*F _{de}	LabCh*F _{de}	rgb ^b *F _{de}	LabCh* ^b F _{de}	DE*F _{de} hsi _{de}	rgb* _{de}	LabCh* _{de}
810	NW_100 _{de}	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	1.0 1.0 1.0	95.4 0.0 0.0	1.0 1.0 1.0	95.4 0.0 0.0
811	B00R_100_012 _{de}	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 60.9 1.0
812	B00R_100_025 _{de}	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 60.9 1.0
813	B00R_100_037 _{de}	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 60.9 1.0
814	B00R_100_050 _{de}	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 60.9 1.0
815	B00R_100_062 _{de}	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 60.9 1.0
816	B00R_100_075 _{de}	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 60.9 1.0
817	B00R_100_087 _{de}	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 0.0 60.9 1.0
818	B00R_100_100 _{de}	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 60.9 1.0
819	Y00G_100_012 _{de}	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
820	NW_087 _{de}	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
821	B00R_087_012 _{de}	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 60.9 1.0
822	B00R_087_025 _{de}	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 60.9 1.0
823	B00R_087_037 _{de}	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 60.9 1.0
824	B00R_087_050 _{de}	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 60.9 1.0
825	B00R_087_062 _{de}	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 60.9 1.0
826	B00R_087_075 _{de}	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 60.9 1.0
827	B00R_087_087 _{de}	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 60.9 1.0
828	Y00G_100_025 _{de}	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
829	Y00G_087_012 _{de}	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
830	NW_075 _{de}	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
831	B00R_075_012 _{de}	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 60.9 1.0
832	B00R_075_025 _{de}	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 60.9 1.0
833	B00R_075_037 _{de}	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 60.9 1.0
834	B00R_075_050 _{de}	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 60.9 1.0
835	B00R_075_062 _{de}	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 60.9 1.0
836	B00R_075_075 _{de}	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 60.9 1.0
837	Y00G_100_037 _{de}	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
838	Y00G_087_025 _{de}	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
839	Y00G_075_012 _{de}	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
840	NW_062 _{de}	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
841	B00R_062_012 _{de}	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 60.9 1.0
842	B00R_062_025 _{de}	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 60.9 1.0
843	B00R_062_037 _{de}	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 60.9 1.0
844	B00R_062_050 _{de}	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 60.9 1.0
845	B00R_062_062 _{de}	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 60.9 1.0
846	Y00G_100_050 _{de}	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
847	Y00G_087_037 _{de}	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
848	Y00G_075_025 _{de}	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
849	Y00G_062_012 _{de}	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
850	NW_050 _{de}	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
851	B00R_050_012 _{de}	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 60.9 1.0
852	B00R_050_025 _{de}	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 60.9 1.0
853	B00R_050_037 _{de}	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 60.9 1.0
854	B00R_050_050 _{de}	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 60.9 1.0
855	Y00G_100_062 _{de}	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
856	Y00G_087_050 _{de}	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
857	Y00G_075_037 _{de}	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
858	Y00G_062_025 _{de}	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 93.1 0.4	82 1.0 0.856 0.0
859	Y00G_050_012 _{de}	0.5 0.5 0.375	0.5 0.125 0.437	90	0.5 0.482 0.375	46.2 -0.4 10.5	10.5 92.3	0.479 0.454 0.383	46.2 -0.6 10.4	10.5 93.7 0.2	82 1.0 0.856 0.0
860	NW_037 _{de}	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
861	B00R_037_012 _{de}	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 0.0 60.9 1.0
862	B00R_037_025 _{de}	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 0.0 60.9 1.0
863	B00R_037_037 _{de}	0.0 0.0 0.375	0.375 0.375 0.187	270	0.0 0.228 0.375	22.2 0.6 -21.2	21.2 271.7	0.102 0.227 0.352	22.0 0.0 -21.6	21.6 269.8 0.8	232 0.0 60.9 1.0
864	Y00G_100_075 _{de}	1.0 1.0 0.25	1.0 0.75 0.625	90	1.0 0.892 0.25	86.6 -2.5 63.3	63.4 92.3	1.0 0.875 0.375	85.1 -3.0 62.1	62.2 92.7 1.9	82 1.0 0.856 0.0
865	Y00G_087_062 _{de}	0.875 0.875 0.25	0.875 0.625 0.562	90	0.875 0.785 0.25	76.1 -2.1 52.8	52.8 92.3	0.881 0.77 0.362	76.0 -2.1 52.6	52.7 92.3 0.1	82 1.0 0.856 0.0
866	Y00G_075_050 _{de}	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 1.0 0.856 0.0
867	Y00G_062_037 _{de}	0.625 0									

n	HIC*F _{de}	rgb_F _{de}	ict_F _{de}	hsi_F _{de}	rgb*F _{de}	LabCh*F _{de}	rgb*F _{de}	LabCh*F _{de}	DE**F _{de} hsi _{de}	rgb*M _{de}	LabCh*M _{de}			
891	NW_100 _{de}	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 _{de}	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 _{de}	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 _{de}	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 _{de}	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 _{de}	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 _{de}	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 _{de}	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 _{de}	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 _{de}	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 _{de}	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 8.6	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 _{de}	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 _{de}	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 _{de}	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 _{de}	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 _{de}	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 _{de}	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 _{de}	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 _{de}	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 _{de}	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 _{de}	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 _{de}	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 _{de}	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 _{de}	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 _{de}	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 _{de}	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 0.722	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
917	B50R_075_075 _{de}	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 _{de}	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 _{de}	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 _{de}	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 _{de}	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 _{de}	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 _{de}	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 _{de}	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 _{de}	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 _{de}	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 _{de}	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 _{de}	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 _{de}	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 _{de}	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 _{de}	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 _{de}	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 _{de}	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 _{de}	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 _{de}	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 _{de}	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 _{de}	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 _{de}	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

see similar files: <http://130.149.60.45/~farbmetrik/PE72/PE72L0FA.TXT> /.PS
technical information: <http://www.ps.bam.de> or <http://130.149.60.45/~farbmetrik>

		HIC*Fde				rgb_Fde				ict_Fde				hsi_Fde				rgb*Fde				LabCh*Fde								rgb*Fde				LabCh*Fde				DE**Fde hsiMde				rgb*Mde				LabCh*Mde																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																			
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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	0

see similar files: <http://130.149.60.45/~farbmetrik/PE72/PE72.HTM>
technical information: <http://www.ps.bam.de> or <http://130.149.60.45/~farbmetrik>

n	HIC*F _{de}	rgb_F _{de}			ict_F _{de}			hsi_F _{de}			rgb*F _{de}			LabCh*F _{de}			rgb*F _{de}			LabCh*F _{de}			DE*F _{de} hsiM _{de}			rgb*M _{de}			LabCh*M _{de}							
1053	NW_086de	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
1054	NW_093de	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
1055	NW_100de	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
1056	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	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
1057	NW_006de	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
1058	NW_013de	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
1059	NW_020de	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
1060	NW_026de	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
1061	NW_033de	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
1062	NW_040de	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
1063	NW_046de	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
1064	NW_053de	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
1065	NW_060de	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	-0.3	-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
1066	NW_066de	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
1067	NW_073de	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
1068	NW_080de	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
1069	NW_086de	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
1070	NW_093de	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
1071	NW_100de	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
1072	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	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
1073	NW_100de	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
1074	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	1.0	0.0	0.263	50.9	78.3	37.3	86.7	25.4	216.9	
1075	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	0.0	0.89	1.0	79.0	-34.2	-25.7	42.8	216.9	216.9	
1076	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	1.0	0.856	0.0	83.7	-3.4	84.5	84.5	92.3	92.3	
1077	B00R_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	0.0	0.609	1.0	59.2	1.7	-56.6	56.6	271.7	271.7	
1078	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	0.0	1.0	0.706	85.1	-64.6	20.7	67.9	162.2	162.2	
1079	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	1.0	0.0	0.991	57.1	94.1	-57.4	110.3	328.6	328.6	

Mean color difference of this page: $\Delta E^* = 0.3$

TUB-test chart PE72; hue circle; 16 and 8 steps
colors and differences, ΔE^* , 3D=1, de=1*

input: $rgb/cmyk \rightarrow rgb_{de}$
output: 3D-linearization to rgb^*_{de}

TUB registration: 20150701-PE72/PE72L0FA.TXT /.PS
application for measurement of display output, no separation

TUB material: code=rha4ta