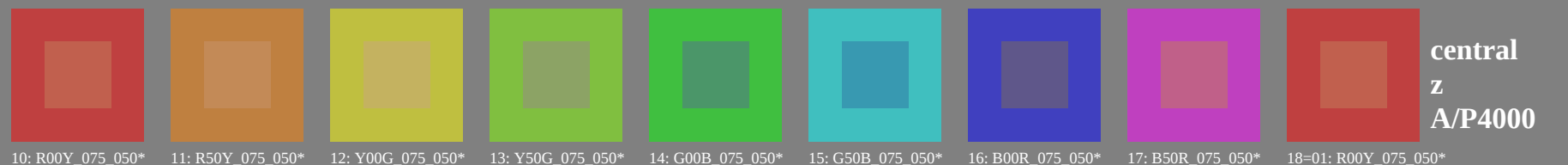
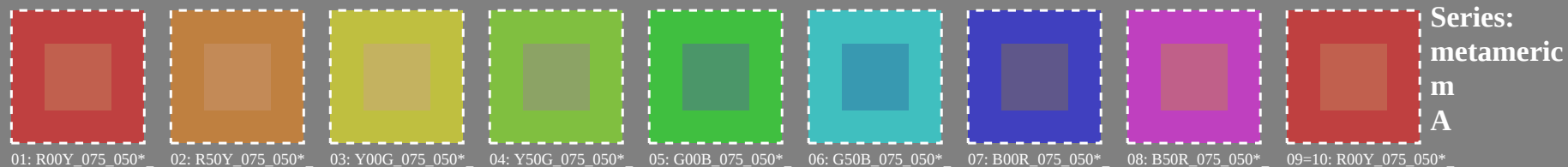
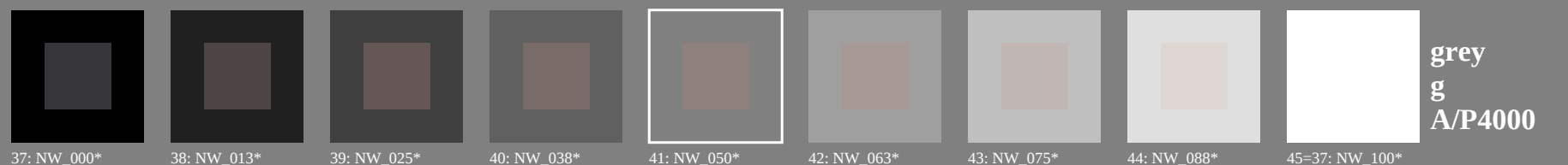
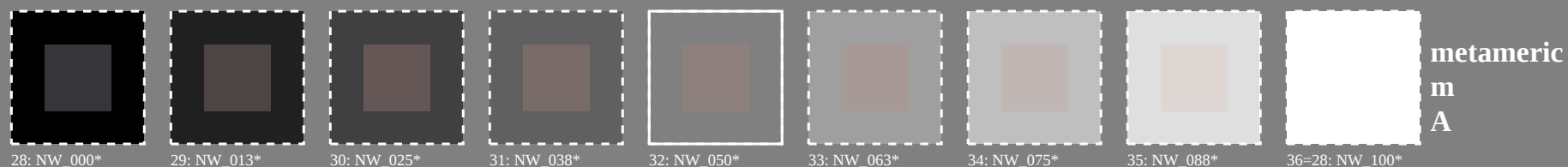


Test chart 3 for color rendering: metameric colours A and P4000; standard display (sRGB)



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

metameric m P4000



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

metameric m P4000

1-103030-L0 PE310-7N

TUB-test chart PE31; colour rendering
 54 colours; metameric for A&P4000; image technology

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

TUB registration: 20130201-PE31/PE31L0FA.TXT /.PS
 application for measurement of display output

TUB material: code=rha4ta

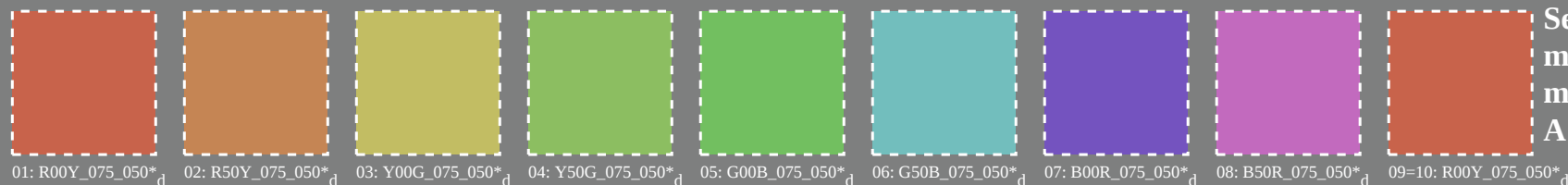
see similar files: <http://130.149.60.45/~farbmetrik/PE31/PE31.HTM>
 technical information: <http://www.ps.bam.de> or <http://130.149.60.45/~farbmetrik>

see similar files: <http://130.149.60.45/~farbmetrik/PE31/PE31.HTM>
 technical information: <http://www.ps.bam.de> or <http://130.149.60.45/~farbmetrik>

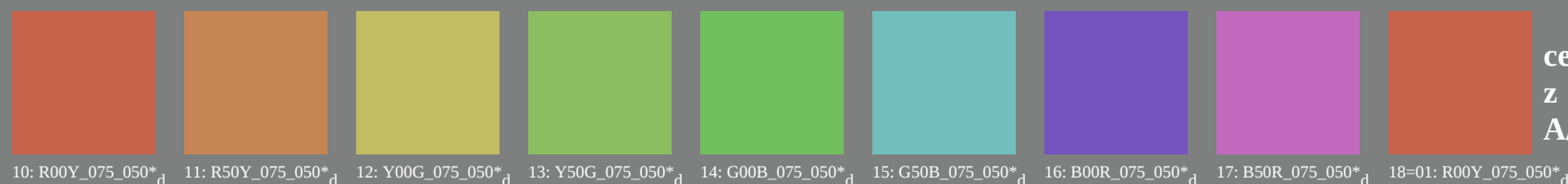
TUB registration: 20130201-PE31/PE31L0FA.TXT /.PS
 application for measurement of display output, no separation

TUB material: code=rha4ta

Test chart 3 for color rendering: metameric colours A and P4000; standard display (sRGB); $rgb \rightarrow rgb^{*dd}$



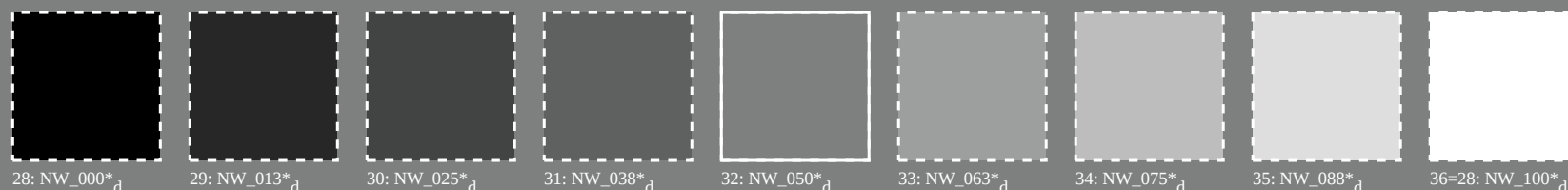
Series:
metameric
m
A



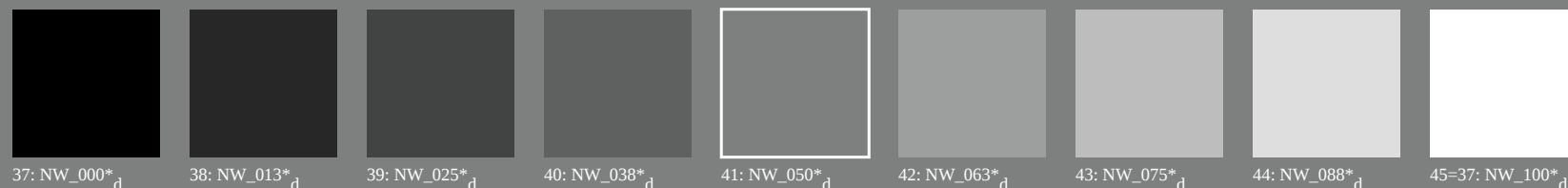
central
z
A/P4000

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

metameric
m
P4000



metameric
m
A
 $\Delta E^*N=0.0, 0.0, 0.0$
 $Lab^*W=95.4, 0.0, 0.0$



grey
g
A/P4000

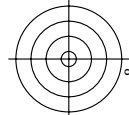
metameric colours only possible for offset print and colour printers
 with at least four basic colours, either *CMYK* or *CMY0*

metameric
m
P4000

1-103130-L0 PE310-72

TUB-test chart PE31; colour rendering
 54 colours; metameric for A&P4000, 3D=1, de=0, sRGB*

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



TUB material: code=rha4ta

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

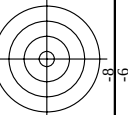
TUB-test chart PE31; colour rendering colors and differences, ΔE^* , 3D=1, de=0, sRGB*

PF 310-7N Page 4/18-F

103330 FD

-see similar files: <http://130.149.60.45/~farbmatrik/PE31/PE31.HTM>
technical information: <http://www.ps.bam.de> or <http://130.149.60.45/~farbmatrik>

[illegible]



TUB material: code=rha4ta

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

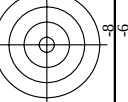
[illegible]
$$\Delta E^* = 0.5$$

Mean color difference of this page:

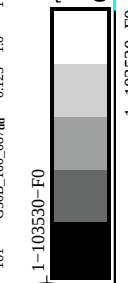
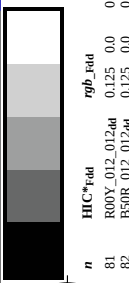
Q: T

OT-0000

see similar files: <http://130.149.60.45/~farbmatrik/PE31/PE31.HTM>
technical information: <http://www.ps.bam.de> or <http://130.149.60.45/~farbmatrik>



see similar files: <http://130.149.60.45/~farbmatrik/PE31/PE31.HTM>
technical information: <http://www.ps.bam.de> or <http://130.149.60.45/~farbmatrik>



<http://130.149.60.45/~farbmatrik/PE31/PE31LOFA.TXT> /PS; 3D-linearization
F: 3D-linearization PE31/PE31LE30FA.DAT in file (F), page 6/18

TUB registration: 20130201-PE31/PE31LOFA.TXT /PS

application for measurement of display output, no separation

TUB material: code=rha4ta

n	HIC* ^{Fid}	rgb ^{Fid}	ict ^{Fid}	hs ^{Fid}	rgb ^{Fid}	LabCh ^{Fid}	LabCh* ^{Fid}	rgb ^{Fid}	DE* ^{Fid}	rgb ^{Fid}	LabCh* ^{Fid}	LabCh* ^{Fid}
81	ROY.012.012ad	0.125 0.0	0.125 0.0	0.125 0.0	0.125 0.0	6.3	9.6	12.5	8.0	12.5	40.0	0.151 0.041 0.011
82	ROY.012.012ad	0.125 0.0	0.125 0.0	0.125 0.0	0.125 0.0	11.7	11.7	7.3	13.8	32.2	330	0.137 0.052 0.133
83	B25K.025.025ad	0.125 0.0	0.125 0.0	0.125 0.0	0.125 0.0	9.6	19.9	22.4	30.0	29.7	330	0.137 0.052 0.133
84	B25K.025.025ad	0.125 0.0	0.125 0.0	0.125 0.0	0.125 0.0	9.6	19.9	22.4	30.0	29.7	330	0.137 0.052 0.133
85	B15K.037.037ad	0.125 0.0	0.125 0.0	0.125 0.0	0.125 0.0	9.6	19.9	22.4	30.0	29.7	330	0.137 0.052 0.133
86	B15K.037.037ad	0.125 0.0	0.125 0.0	0.125 0.0	0.125 0.0	9.6	19.9	22.4	30.0	29.7	330	0.137 0.052 0.133
87	B11K.050.050ad	0.125 0.0	0.125 0.0	0.125 0.0	0.125 0.0	9.6	19.9	22.4	30.0	29.7	330	0.137 0.052 0.133
88	B11K.050.050ad	0.125 0.0	0.125 0.0	0.125 0.0	0.125 0.0	9.6	19.9	22.4	30.0	29.7	330	0.137 0.052 0.133
89	B09K.062.062ad	0.125 0.0	0.125 0.0	0.125 0.0	0.125 0.0	9.6	19.9	22.4	30.0	29.7	330	0.137 0.052 0.133
90	B09K.062.062ad	0.125 0.0	0.125 0.0	0.125 0.0	0.125 0.0	9.6	19.9	22.4	30.0	29.7	330	0.137 0.052 0.133
91	B07K.075.075ad	0.125 0.0	0.125 0.0	0.125 0.0	0.125 0.0	9.6	19.9	22.4	30.0	29.7	330	0.137 0.052 0.133
92	B07K.075.075ad	0.125 0.0	0.125 0.0	0.125 0.0	0.125 0.0	9.6	19.9	22.4	30.0	29.7	330	0.137 0.052 0.133
93	B05K.087.087ad	0.125 0.0	0.125 0.0	0.125 0.0	0.125 0.0	9.6	19.9	22.4	30.0	29.7	330	0.137 0.052 0.133
94	B05K.087.087ad	0.125 0.0	0.125 0.0	0.125 0.0	0.125 0.0	9.6	19.9	22.4	30.0	29.7	330	0.137 0.052 0.133
95	NW.012.012ad	0.125 0.0	0.125 0.0	0.125 0.0	0.125 0.0	9.6	19.9	22.4	30.0	29.7	330	0.137 0.052 0.133
96	B00K.025.012ad	0.125 0.0	0.125 0.0	0.125 0.0	0.125 0.0	9.6	19.9	22.4	30.0	29.7	330	0.137 0.052 0.133
97	B00K.037.025ad	0.125 0.0	0.125 0.0	0.125 0.0	0.125 0.0	9.6	19.9	22.4	30.0	29.7	330	0.137 0.052 0.133
98	B00K.050.037ad	0.125 0.0	0.125 0.0	0.125 0.0	0.125 0.0	9.6	19.9	22.4	30.0	29.7	330	0.137 0.052 0.133
99	B00K.062.050ad	0.125 0.0	0.125 0.0	0.125 0.0	0.125 0.0	9.6	19.9	22.4	30.0	29.7	330	0.137 0.052 0.133
100	B00K.075.062ad	0.125 0.0	0.125 0.0	0.125 0.0	0.125 0.0	9.6	19.9	22.4	30.0	29.7	330	0.137 0.052 0.133
101	B00K.087.075ad	0.125 0.0	0.125 0.0	0.125 0.0	0.125 0.0	9.6	19.9	22.4	30.0	29.7	330	0.137 0.052 0.133
102	B00K.100.087ad	0.125 0.0	0.125 0.0	0.125 0.0	0.125 0.0	9.6	19.9	22.4	30.0	29.7	330	0.137 0.052 0.133
103	G50B.025.012ad	0.125 0.0	0.125 0.0	0.125 0.0	0.125 0.0	9.6	19.9	22.4	30.0	29.7	330	0.137 0.052 0.133
104	G50B.037.012ad	0.125 0.0	0.125 0.0	0.125 0.0	0.125 0.0	9.6	19.9	22.4	30.0	29.7	330	0.137 0.052 0.133
105	G50B.050.012ad	0.125 0.0	0.125 0.0	0.125 0.0	0.125 0.0	9.6	19.9	22.4	30.0	29.7	330	0.137 0.052 0.133
106	G48B.062.010ad	0.125 0.0	0.125 0.0	0.125 0.0	0.125 0.0	9.6	19.9	22.4	30.0	29.7	330	0.137 0.052 0.133
107	G46B.075.009ad	0.125 0.0	0.125 0.0	0.125 0.0	0.125 0.0	9.6	19.9	22.4	30.0	29.7	330	0.137 0.052 0.133
108	G43B.087.008ad	0.125 0.0	0.125 0.0	0.125 0.0	0.125 0.0	9.6	19.9	22.4	30.0	29.7	330	0.137 0.052 0.133
109	G39B.100.007ad	0.125 0.0	0.125 0.0	0.125 0.0	0.125 0.0	9.6	19.9	22.4	30.0	29.7	330	0.137 0.052 0.133
110	G35B.100.007ad	0.125 0.0	0.125 0.0	0.125 0.0	0.125 0.0	9.6	19.9	22.4	30.0	29.7	330	0.137 0.052 0.133
111	G00B.037.025ad	0.125 0.0	0.125 0.0	0.125 0.0	0.125 0.0	9.6	19.9	22.4	30.0	29.7	330	0.137 0.052 0.133
112	G50B.037.025ad	0.125 0.0	0.125 0.0	0.125 0.0	0.125 0.0	9.6	19.9	22.4	30.0	29.7	330	0.137 0.052 0.133
113	G50B.050.037ad	0.125 0.0	0.125 0.0	0.125 0.0	0.125 0.0	9.6	19.9	22.4	30.0	29.7	330	0.137 0.052 0.133
114	G50B.062.050ad	0.125 0.0	0.125 0.0	0.125 0.0	0.125 0.0	9.6	19.9	22.4	30.0	29.7	330	0.137 0.052 0.133
115	G48B.075.062ad	0.125 0.0	0.125 0.0	0.125 0.0	0.125 0.0	9.6	19.9	22.4	30.0	29.7	330	0.137 0.052 0.133
116	G46B.087.062ad	0.125 0.0	0.125 0.0	0.125 0.0	0.125 0.0	9.6	19.9	22.4	30.0	29.7	330	0.137 0.052 0.133
117	G43B.100.062ad	0.125 0.0	0.125 0.0	0.125 0.0	0.125 0.0	9.6	19.9	22.4	30.0	29.7	330	0.137 0.052 0.133
118	Y76C.050.050ad	0.125 0.0	0.125 0.0	0.125 0.0	0.125 0.0	9.6	19.9	22.4	30.0	29.7	330	0.137 0.052 0.133
119	G00B.050.037ad	0.125 0.0	0.125 0.0	0.125 0.0	0.125 0.0	9.6	19.9	22.4	30.0	29.7	330	0.137 0.052 0.133
120	G15B.050.037ad	0.125 0.0	0.125 0.0	0.125 0.0	0.125 0.0	9.6	19.9	22.4	30.0	29.7	330	0.137 0.052 0.133
121	G34B.050.037ad	0.125 0.0	0.125 0.0	0.125 0.0	0.125 0.0	9.6	19.9	22.4	30.0	29.7	330	0.137 0.052 0.133
122	G50B.050.037ad	0.125 0.0	0.125 0.0	0.125 0.0	0.125 0.0	9.6	19.9	22.4	30.0	29.7	330	0.137 0.052 0.133
123	G61B.062.050ad	0.125 0.0	0.125 0.0	0.125 0.0	0.125 0.0	9.6	19.9	22.4	30.0	29.7	330	0.137 0.052 0.133
124	G75B.087.075ad	0.125 0.0	0.125 0.0	0.125 0.0	0.125 0.0	9.6	19.9	22.4	30.0	29.7	330	0.137 0.052 0.133
125	G79B.100.087ad	0.125 0.0	0.125 0.0	0.125 0.0	0.125 0.0	9.6	19.9	22.4	30.0	29.7	330	0.137 0.052 0.133
126	Y81C.062.062ad	0.125 0.0	0.125 0.0	0.125 0.0	0.125 0.0	9.6	19.9	22.4	30.0	29.7	330	0.137 0.052 0.133
127	G00B.062.050ad	0.125 0.0	0.125 0.0	0.125 0.0	0.125 0.0	9.6	19.9	22.4	30.0	29.7	330	0.137 0.052 0.133
128	G11B.062.050ad	0.125 0.0	0.125 0.0	0.125 0.0	0.125 0.0	9.6	19.9	22.4	30.0	29.7	330	0.137 0.052 0.133
129	G25B.062.0375	0.125 0.0	0.125 0.0	0.125 0.0	0.125 0.0	9.6	19.9	22.4	30.0	29.7	330	0.137 0.052 0.133
130	G38B.062.050ad	0.125 0.0	0.125 0.0	0.125 0.0	0.125 0.0	9.6	19.9	22.4	30.0	29.7	330	0.137 0.052 0.133
131	G50B.062.050ad	0.125 0.0	0.125 0.0	0.125 0.0	0.125 0.0	9.6	19.9	22.4	30.0	29.7	330	0.137 0.052 0.133
132	G59B.075.062ad	0.125 0.0	0.125 0.0	0.125 0.0	0.125 0.0	9.6	19.9	22.4	30.0	29.7	330	0.137 0.052 0.133
133	G70B.087.075ad	0.125 0.0	0.125 0.0	0.125 0.0	0.125 0.0	9.6	19.9	22.4	30.0	29.7	330	0.137 0.052 0.133
134	Y85C.075.075ad	0.125 0.0	0.125 0.0	0.125 0.0	0.125 0.0	9.6	19.9	22.4	30.0	29.7	330	0.137 0.052 0.133
135	G00B.075.062ad	0.125 0.0	0.125 0.0	0.125 0.0	0.125 0.0	9.6	19.9	22.4	30.0	29.7	330	0.137 0.052 0.133
136	G00B.075.062ad	0.125 0.0	0.125 0.0	0.125 0.0	0.125 0.0	9.6	19.9	22.4	30.0	29.7	330	0.137 0.052 0.133
137	G00B.075.062ad	0.125 0.0	0.125 0.0	0.125 0.0	0.125 0.0	9.6	19.9	22.4	30.0	29.7	330	0.137 0.052 0.133
138	G00B.075.062ad	0.125 0.0	0.125 0.0	0.125 0.0	0.125 0.0	9.6	19.9	22.4	30.0	29.7	330	0.137 0.052 0.133
139	G00B.075.062ad	0.125 0.0	0.125 0.0	0.125 0.0	0.125 0.0	9.6	19.9	22.4	30.0	29.7	330	0.137 0.052 0.133
140	G00B.075.062ad	0.125 0.0	0.125 0.0	0.125 0.0	0.125 0.0	9.6	19.9	22.4	30.0	29.7	330	0.137 0.052 0.133
141	G00B.075.062ad	0.125 0.0	0.125 0.0	0.125 0.0	0.125 0.0	9.6	19.9	22.4	30.0	29.7	330	0.137 0.052 0.133
142	G57B.087.075ad	0.125 0.0	0.125 0.0	0.125 0.0	0.125 0.0	9.6	19.9	22.4	30.0	29.7	330	0.137 0.052 0.133
143	G63B.100.087ad	0.125 0.0	0.125 0.0	0.125 0.0	0.125 0.0	9.6	19.9	22.4	30.0	29.7	330	0.137 0.052 0.133
144	Y86C.087.087ad	0.125 0.0	0.125 0.0	0.125 0.0	0.125 0.0	9.6	19.9	22.4	30.0	29.7	330	0.137 0.052 0.133
145	G00B.087.075ad	0.125 0.0	0.125 0.0	0.125 0.0	0.125 0							

<http://130.149.60.45/~farbmatrik/PE31/PE31LOFA.TXT /.PS; 3D-linearization>
F: 3D-linearization PE31/PE31LE30FA.DAT in file (F), page 7/18

TUB-test chart PE31; colour rendering
colors and differences, ΔE^* , 3D=1, de=0, sRGB*

PE31-70N, Page 7/18-F

n	HiC* _{Fid}	rgb _{Fid}	ic _{Fid}	hs _{Fid}	rgb _{Fid}	LabCH* _{Fid}	LabCH* _{Fid}	rgb _{Fid}	DE* _{Fid}	h _{an} _{Fid}	rgb _{Fid}	LabCH* _{Fid}	
162	ROY02.025.025ad	0.25 0.0 0.125	0.25 0.0 0.125	360 0.25 0.0	0.0 0.0 0.0	12.6 19.2	16.1 20.2	0.253 0.076 0.022	12.1 20.2	16.2	21.3	0.0 0.0 0.0	50.4 76.9
163	ROY02.025.025ad	0.25 0.0 0.125	0.25 0.0 0.125	360 0.25 0.0	0.0 0.0 0.0	13.0 24.0	16.1 20.2	0.244 0.079 0.138	12.1 20.2	16.2	21.3	0.0 0.0 0.0	50.4 76.9
164	B50R.025.025ad	0.25 0.0 0.125	0.25 0.0 0.125	360 0.25 0.0	0.0 0.0 0.0	14.3 23.5	16.1 20.2	0.241 0.086 0.239	13.8 24.5	16.2	21.3	0.0 0.0 0.0	50.4 76.9
165	B3AR.037.037ad	0.25 0.0 0.125	0.25 0.0 0.125	360 0.25 0.0	0.0 0.0 0.0	16.8 31.5	16.1 20.2	0.259 0.083 0.353	16.3 24.5	16.2	21.3	0.0 0.0 0.0	50.4 76.9
166	B25R.030.050ad	0.25 0.0 0.125	0.25 0.0 0.125	360 0.25 0.0	0.0 0.0 0.0	19.2 39.8	16.1 20.2	0.263 0.076 0.188	41.1	16.2	21.3	0.0 0.0 0.0	50.4 76.9
167	B19R.062.062ad	0.25 0.0 0.125	0.25 0.0 0.125	360 0.25 0.0	0.0 0.0 0.0	22.1 48.8	16.1 20.2	0.263 0.065 0.596	21.6 49.8	16.2	21.3	0.0 0.0 0.0	50.4 76.9
168	B15R.077.077ad	0.25 0.0 0.125	0.25 0.0 0.125	360 0.25 0.0	0.0 0.0 0.0	25.4 58.1	16.1 20.2	0.265 0.051 0.726	25.0 58.8	16.2	21.3	0.0 0.0 0.0	50.4 76.9
169	B13R.087.087ad	0.25 0.0 0.125	0.25 0.0 0.125	360 0.25 0.0	0.0 0.0 0.0	28.6 67.3	16.1 20.2	0.255 0.029 0.861	28.6 67.7	16.2	21.3	0.0 0.0 0.0	50.4 76.9
170	B11R.100.100ad	0.25 0.0 0.125	0.25 0.0 0.125	360 0.25 0.0	0.0 0.0 0.0	32.3 76.7	16.1 20.2	0.234 0.0 0.999	32.3 76.7	16.2	21.3	0.0 0.0 0.0	50.4 76.9
171	R50Y.025.025ad	0.25 0.0 0.125	0.25 0.0 0.125	360 0.25 0.0	0.0 0.0 0.0	15.9 30.0	16.1 20.2	0.247 0.139 0.043	15.8 10.1	19.3	21.7	0.0 0.0 0.0	50.4 76.9
172	R50Y.025.025ad	0.25 0.0 0.125	0.25 0.0 0.125	360 0.25 0.0	0.0 0.0 0.0	18.2 36.0	16.1 20.2	0.253 0.162 0.139	18.0 9.4	7.8	12.3	0.0 0.0 0.0	50.4 76.9
173	R50Y.025.025ad	0.25 0.0 0.125	0.25 0.0 0.125	360 0.25 0.0	0.0 0.0 0.0	19.0 41.6	16.1 20.2	0.239 0.168 0.238	18.8 11.6	11.6	11.6	0.0 0.0 0.0	50.4 76.9
174	B23R.037.037ad	0.25 0.0 0.125	0.25 0.0 0.125	360 0.25 0.0	0.0 0.0 0.0	21.5 48.8	16.1 20.2	0.262 0.173 0.035	21.2 20.1	23.1	30.6	0.0 0.0 0.0	50.4 76.9
175	B15R.050.037ad	0.25 0.0 0.125	0.25 0.0 0.125	360 0.25 0.0	0.0 0.0 0.0	24.6 59.0	16.1 20.2	0.286 0.178 0.047	24.2 29.4	37.5	47.7	0.0 0.0 0.0	50.4 76.9
176	B11R.062.050ad	0.25 0.0 0.125	0.25 0.0 0.125	360 0.25 0.0	0.0 0.0 0.0	31.0 63.1	16.1 20.2	0.332 0.184 0.059	27.6 38.7	50.7	63.8	0.0 0.0 0.0	50.4 76.9
177	B09R.077.050ad	0.25 0.0 0.125	0.25 0.0 0.125	360 0.25 0.0	0.0 0.0 0.0	37.3 47.8	16.1 20.2	0.336 0.189 0.073	31.3 48.2	63.8	80.0	0.0 0.0 0.0	50.4 76.9
178	B07R.087.077ad	0.25 0.0 0.125	0.25 0.0 0.125	360 0.25 0.0	0.0 0.0 0.0	55.4 67.7	16.1 20.2	0.359 0.192 0.065	35.1 57.9	76.9	96.3	0.0 0.0 0.0	50.4 76.9
179	B06R.100.087ad	0.25 0.0 0.125	0.25 0.0 0.125	360 0.25 0.0	0.0 0.0 0.0	59.1 66.2	16.1 20.2	0.376 0.192 0.1 38.8	67.1	89.4	111.8	0.0 0.0 0.0	50.4 76.9
180	Y00G.025.025ad	0.25 0.0 0.125	0.25 0.0 0.125	360 0.25 0.0	0.0 0.0 0.0	23.1 55.1	16.1 20.2	0.239 0.236 0.075	23.4 3.1	11.3	11.7	0.0 0.0 0.0	50.4 76.9
181	NW.025ad	0.25 0.0 0.125	0.25 0.0 0.125	360 0.25 0.0	0.0 0.0 0.0	27.6 9.5	16.1 20.2	0.232 0.236 0.237	23.7 4.0	0.4	0.4	0.0 0.0 0.0	50.4 76.9
182	ROY02.025.025ad	0.25 0.0 0.125	0.25 0.0 0.125	360 0.25 0.0	0.0 0.0 0.0	27.6 9.5	16.1 20.2	0.239 0.236 0.237	23.7 4.0	0.4	0.4	0.0 0.0 0.0	50.4 76.9
183	BOOR.037.012ad	0.25 0.0 0.125	0.25 0.0 0.125	360 0.25 0.0	0.0 0.0 0.0	31.4 19.0	16.1 20.2	0.289 0.255 0.355	27.5 9.2	13.2	16.1	0.0 0.0 0.0	50.4 76.9
184	BOOR.050.025ad	0.25 0.0 0.125	0.25 0.0 0.125	360 0.25 0.0	0.0 0.0 0.0	35.2 28.8	16.1 20.2	0.385 0.285 0.602	35.1 38.0	38.9	48.2	0.0 0.0 0.0	50.4 76.9
185	BOOR.062.037ad	0.25 0.0 0.125	0.25 0.0 0.125	360 0.25 0.0	0.0 0.0 0.0	39.0 38.0	16.1 20.2	0.424 0.297 0.753	38.8 38.0	51.9	64.4	0.0 0.0 0.0	50.4 76.9
186	BOOR.075.090ad	0.25 0.0 0.125	0.25 0.0 0.125	360 0.25 0.0	0.0 0.0 0.0	46.6 57.6	16.1 20.2	0.495 0.316 0.069	42.6 47.6	64.9	80.6	0.0 0.0 0.0	50.4 76.9
187	BOOR.087.062ad	0.25 0.0 0.125	0.25 0.0 0.125	360 0.25 0.0	0.0 0.0 0.0	57.6 67.3	16.1 20.2	0.527 0.352 0.088	32.9 33.3	19.6	32.9	0.0 0.0 0.0	50.4 76.9
188	BOOR.100.077ad	0.25 0.0 0.125	0.25 0.0 0.125	360 0.25 0.0	0.0 0.0 0.0	62.5 62.5	16.1 20.2	0.506 0.472 0.095	42.9 33.2	42.9	53.5	0.0 0.0 0.0	50.4 76.9
189	Y13G.037.037ad	0.25 0.0 0.125	0.25 0.0 0.125	360 0.25 0.0	0.0 0.0 0.0	32.9 31.8	16.1 20.2	0.257 0.352 0.088	32.9 33.3	19.6	32.9	0.0 0.0 0.0	50.4 76.9
190	Y00G.037.025ad	0.25 0.0 0.125	0.25 0.0 0.125	360 0.25 0.0	0.0 0.0 0.0	33.3 33.3	16.1 20.2	0.259 0.352 0.088	32.9 33.3	19.6	32.9	0.0 0.0 0.0	50.4 76.9
191	G00B.037.012ad	0.25 0.0 0.125	0.25 0.0 0.125	360 0.25 0.0	0.0 0.0 0.0	34.3 34.3	16.1 20.2	0.285 0.352 0.369	34.2 34.6	46.3	19.9	0.0 0.0 0.0	50.4 76.9
192	G00B.037.012ad	0.25 0.0 0.125	0.25 0.0 0.125	360 0.25 0.0	0.0 0.0 0.0	36.7 36.7	16.1 20.2	0.319 0.355 0.474	36.6 40.0	17.5	17.5	0.0 0.0 0.0	50.4 76.9
193	G48B.050.025ad	0.25 0.0 0.125	0.25 0.0 0.125	360 0.25 0.0	0.0 0.0 0.0	45.1 28.8	16.1 20.2	0.451 0.366 0.868	45.0 39.2	46.6	54.8	0.0 0.0 0.0	50.4 76.9
194	G48B.050.025ad	0.25 0.0 0.125	0.25 0.0 0.125	360 0.25 0.0	0.0 0.0 0.0	45.1 28.8	16.1 20.2	0.451 0.366 0.868	45.0 39.2	46.6	54.8	0.0 0.0 0.0	50.4 76.9
195	G00B.087.062ad	0.25 0.0 0.125	0.25 0.0 0.125	360 0.25 0.0	0.0 0.0 0.0	50.0 50.0	16.1 20.2	0.487 0.372 1.0 48.8	49.3 72.9	80.0 302.9	0.0 0.0 0.0	50.4 76.9	
196	G00B.087.062ad	0.25 0.0 0.125	0.25 0.0 0.125	360 0.25 0.0	0.0 0.0 0.0	50.0 50.0	16.1 20.2	0.487 0.372 1.0 48.8	49.3 72.9	80.0 302.9	0.0 0.0 0.0	50.4 76.9	
197	Y30C.000.030ad	0.25 0.0 0.125	0.25 0.0 0.125	360 0.25 0.0	0.0 0.0 0.0	62.5 62.5	16.1 20.2	0.506 0.472 0.095	42.9 33.2	42.9 53.5	128.3	0.0 0.0 0.0	50.4 76.9
198	Y30C.000.030ad	0.25 0.0 0.125	0.25 0.0 0.125	360 0.25 0.0	0.0 0.0 0.0	62.5 62.5	16.1 20.2	0.506 0.472 0.095	42.9 33.2	42.9 53.5	128.3	0.0 0.0 0.0	50.4 76.9
199	G00B.087.062ad	0.25 0.0 0.125	0.25 0.0 0.125	360 0.25 0.0	0.0 0.0 0.0	50.0 50.0	16.1 20.2	0.487 0.372 1.0 48.8	49.3 72.9	80.0 302.9	0.0 0.0 0.0	50.4 76.9	
200	G00B.087.062ad	0.25 0.0 0.125	0.25 0.0 0.125	360 0.25 0.0	0.0 0.0 0.0	50.0 50.0	16.1 20.2	0.487 0.372 1.0 48.8	49.3 72.9	80.0 302.9	0.0 0.0 0.0	50.4 76.9	
201	G50B.050.025ad	0.25 0.0 0.125	0.25 0.0 0.125	360 0.25 0.0	0.0 0.0 0.0	62.5 62.5	16.1 20.2	0.506 0.472 0.095	42.9 33.2	42.9 53.5	128.3	0.0 0.0 0.0	50.4 76.9
202	G50B.050.025ad	0.25 0.0 0.125	0.25 0.0 0.125	360 0.25 0.0	0.0 0.0 0.0	62.5 62.5	16.1 20.2	0.506 0.472 0.095	42.9 33.2	42.9 53.5	128.3	0.0 0.0 0.0	50.4 76.9
203	G50B.050.025ad	0.25 0.0 0.125	0.25 0.0 0.125	360 0.25 0.0	0.0 0.0 0.0	62.5 62.5	16.1 20.2	0.506 0.472 0.095	42.9 33.2	42.9 53.5	128.3	0.0 0.0 0.0	50.4 76.9
204	G50B.050.025ad	0.25 0.0 0.125	0.25 0.0 0.125	360 0.25 0.0	0.0 0.0 0.0	62.5 62.5	16.1 20.2	0.506 0.472 0.095	42.9 33.2	42.9 53.5	128.3	0.0 0.0 0.0	50.4 76.9
205	G70B.075.050ad	0.25 0.0 0.125	0.25 0.0 0.125	360 0.25 0.0	0.0 0.0 0.0	75.0 75.0	16.1 20.2	0.489 0.875 0.5	22.6 50.1	34.1	35.3	0.0 0.0 0.0	50.4 76.9
206	G61B.102.062ad	0.25 0.0 0.125	0.25 0.0 0.125	360 0.25 0.0	0.0 0.0 0.0	54.4 34.3	16.1 20.2	0.434 0.474 0.866	49.1 54.2	33.4 61.4	72.3	0.0 0.0 0.0	50.4 76.9
207	G61B.102.062ad	0.25 0.0 0.125	0.25 0.0 0.125	360 0.25 0.0	0.0 0.0 0.0	54.4 34.3	16.1 20.2	0.434 0.474 0.866	49.1 54.2	33.4 61.4	72.3	0.0 0.0 0.0	50.4 76.9
208	Y76G.062.050ad	0.25 0.0 0.125	0.25 0.0 0.125	360 0.25 0.0	0.0 0.0 0.0	62.5 62.5	16.1 20.2	0.506 0.472 0.095	42.9 33.2	42.9 53.5	128.3	0.0 0.0 0.0	50.4 76.9
209	G00B.062.037ad	0.25 0.0 0.125	0.25 0.0 0.125	360 0.25 0.0	0.0 0.0 0.0	53.9 39.0	16.1 20.2	0.308 0.598 0.025	53.8 39.8				

see similar files: <http://130.149.60.45/~farbmatrik/PE31/PE31.HTM>
technical information: <http://www.ps.bam.de> or <http://130.149.60.45/~farbmatrik>

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

TUB-test chart PE31; colour rendering colors and differences, ΔE^* , 3D=1, de=0, sRGB*[illegible]

n	HiC* _{Fid}	rgb_Fid	icr_Fid	hsa_Fid	rgb* _{Fid}	LabCh* _{Fid}	LabCh* _{Fid}	rgb* _{Fid}	LabCh* _{Fid}	DE* _{Fid}	rgb* _{Fid}	LabCh* _{Fid}	LabCh* _{Fid}	DE* _{Fid}	rgb* _{Fid}	LabCh* _{Fid}	LabCh* _{Fid}
486	R00Y, 0.75, 0.75	0.75	0.0	0.75	0.75	0.75	390	0.75	0.0	0.0	0.75	390	0.75	0.0	0.0	50.4	76.9
487	R35Y, 0.75, 0.75	0.75	0.125	0.75	0.75	0.75	381	0.75	0.125	0.125	0.75	381	0.75	0.125	0.125	50.6	76.9
488	R10Y, 0.75, 0.75	0.75	0.25	0.75	0.75	0.75	371	0.75	0.25	0.25	0.75	371	0.75	0.25	0.25	50.6	76.9
489	R10Y, 0.75, 0.75	0.75	0.375	0.75	0.75	0.75	360	0.75	0.375	0.375	0.75	360	0.75	0.375	0.375	51.1	79.1
490	B65R, 0.75, 0.75	0.75	0.0	0.75	0.75	0.75	349	0.75	0.0	0.0	0.75	349	0.75	0.0	0.0	53.5	85.4
491	B57R, 0.75, 0.75	0.75	0.0	0.75	0.75	0.75	339	0.75	0.0	0.0	0.75	339	0.75	0.0	0.0	53.5	85.4
492	B30R, 0.75, 0.75	0.75	0.0	0.75	0.75	0.75	339	0.75	0.0	0.0	0.75	339	0.75	0.0	0.0	53.5	85.4
493	B40R, 0.75, 0.75	0.75	0.0	0.75	0.75	0.75	332	0.75	0.0	0.0	0.75	332	0.75	0.0	0.0	52.0	72.4
494	B38R, 100, 100	0.75	0.0	1.0	1.0	0.5	316	0.766	0.0	1.0	0.766	0.0	1.0	0.766	0.0	52.0	72.4
495	R15Y, 0.75, 0.75	0.75	0.125	0.75	0.75	0.112	309	0.75	0.112	0.0	0.75	309	0.75	0.112	0.0	52.0	72.4
496	R00Y, 0.75, 0.625	0.75	0.125	0.75	0.75	0.625	347	0.75	0.625	0.437	0.75	347	0.75	0.625	0.437	50.4	76.9
497	R31Y, 0.75, 0.625	0.75	0.125	0.75	0.75	0.625	339	0.75	0.625	0.437	0.75	339	0.75	0.625	0.437	50.4	76.9
498	R11Y, 0.75, 0.625	0.75	0.125	0.75	0.75	0.625	329	0.75	0.625	0.437	0.75	329	0.75	0.625	0.437	50.4	76.9
499	B69R, 0.75, 0.625	0.75	0.125	0.75	0.75	0.625	347	0.75	0.625	0.437	0.75	347	0.75	0.625	0.437	51.1	79.1
500	B59R, 0.75, 0.625	0.75	0.125	0.75	0.75	0.625	347	0.75	0.625	0.437	0.75	347	0.75	0.625	0.437	51.1	79.1
501	B50R, 0.75, 0.625	0.75	0.125	0.75	0.75	0.625	347	0.75	0.625	0.437	0.75	347	0.75	0.625	0.437	51.1	79.1
502	B42R, 0.75, 0.625	0.75	0.125	0.75	0.75	0.625	347	0.75	0.625	0.437	0.75	347	0.75	0.625	0.437	51.1	79.1
503	B36R, 100, 0.75	0.75	0.125	1.0	1.0	0.875	314	0.766	0.125	1.0	0.766	0.125	1.0	0.766	0.125	52.0	72.4
504	R15Y, 0.75, 0.625	0.75	0.25	0.75	0.75	0.625	347	0.75	0.625	0.437	0.75	347	0.75	0.625	0.437	51.1	79.1
505	R18Y, 0.75, 0.625	0.75	0.25	0.75	0.75	0.625	347	0.75	0.625	0.437	0.75	347	0.75	0.625	0.437	51.1	79.1
506	R00Y, 0.75, 0.625	0.75	0.375	0.75	0.75	0.625	347	0.75	0.625	0.437	0.75	347	0.75	0.625	0.437	51.1	79.1
507	R36Y, 0.75, 0.625	0.75	0.375	0.75	0.75	0.625	347	0.75	0.625	0.437	0.75	347	0.75	0.625	0.437	51.1	79.1
508	R00Y, 0.75, 0.625	0.75	0.5	0.75	0.75	0.625	347	0.75	0.625	0.437	0.75	347	0.75	0.625	0.437	51.1	79.1
509	R00Y, 0.75, 0.625	0.75	0.625	0.75	0.75	0.625	347	0.75	0.625	0.437	0.75	347	0.75	0.625	0.437	51.1	79.1
510	B50R, 0.75, 0.625	0.75	0.125	0.75	0.75	0.625	347	0.75	0.125	0.125	0.75	347	0.75	0.125	0.125	52.0	72.4
511	B40R, 0.75, 0.625	0.75	0.25	0.75	0.75	0.625	347	0.75	0.25	0.25	0.75	347	0.75	0.25	0.25	52.0	72.4
512	B38R, 100, 0.75	0.75	0.25	1.0	1.0	0.875	311	0.762	0.25	1.0	0.762	0.25	1.0	0.762	0.25	52.0	72.4
513	B30Y, 0.75, 0.75	0.75	0.375	0.75	0.75	0.375	310	0.75	0.375	0.10	0.75	310	0.75	0.375	0.10	52.0	72.4
514	R38Y, 0.75, 0.75	0.75	0.375	0.75	0.75	0.375	310	0.75	0.375	0.10	0.75	310	0.75	0.375	0.10	52.0	72.4
515	R23Y, 0.75, 0.75	0.75	0.375	0.75	0.75	0.375	310	0.75	0.375	0.10	0.75	310	0.75	0.375	0.10	52.0	72.4
516	R23Y, 0.75, 0.75	0.75	0.375	0.75	0.75	0.375	310	0.75	0.375	0.10	0.75	310	0.75	0.375	0.10	52.0	72.4
517	R18Y, 0.75, 0.75	0.75	0.375	0.75	0.75	0.375	310	0.75	0.375	0.10	0.75	310	0.75	0.375	0.10	52.0	72.4
518	B65R, 0.75, 0.75	0.75	0.375	0.75	0.75	0.375	310	0.75	0.375	0.10	0.75	310	0.75	0.375	0.10	52.0	72.4
519	B50R, 0.75, 0.75	0.75	0.375	0.75	0.75	0.375	310	0.75	0.375	0.10	0.75	310	0.75	0.375	0.10	52.0	72.4
520	B38R, 0.75, 0.75	0.75	0.375	0.75	0.75	0.375	310	0.75	0.375	0.10	0.75	310	0.75	0.375	0.10	52.0	72.4
521	B38R, 100, 0.625	0.75	0.375	1.0	1.0	0.625	310	0.75	0.625	0.375	0.75	310	0.75	0.625	0.375	52.0	72.4
522	B68Y, 0.75, 0.75	0.75	0.5	0.75	0.75	0.5	307	0.75	0.5	0.75	0.75	307	0.75	0.5	0.75	52.0	72.4
523	R81Y, 0.75, 0.75	0.75	0.625	0.75	0.75	0.625	311	0.75	0.625	0.437	0.75	311	0.75	0.625	0.437	52.0	72.4
524	R61Y, 0.75, 0.625	0.75	0.5	0.75	0.75	0.5	307	0.75	0.5	0.75	0.75	307	0.75	0.5	0.75	52.0	72.4
525	R30Y, 0.75, 0.75	0.75	0.5	0.75	0.75	0.5	307	0.75	0.5	0.75	0.75	307	0.75	0.5	0.75	52.0	72.4
526	R30Y, 0.75, 0.75	0.75	0.5	0.75	0.75	0.5	307	0.75	0.5	0.75	0.75	307	0.75	0.5	0.75	52.0	72.4
527	R00Y, 0.75, 0.625	0.75	0.625	0.75	0.75	0.625	311	0.75	0.625	0.437	0.75	311	0.75	0.625	0.437	52.0	72.4
528	B50R, 0.75, 0.625	0.75	0.625	0.75	0.75	0.625	311	0.75	0.625	0.437	0.75	311	0.75	0.625	0.437	52.0	72.4
529	B34R, 0.75, 0.625	0.75	0.625	0.75	0.75	0.625	311	0.75	0.625	0.437	0.75	311	0.75	0.625	0.437	52.0	72.4
530	B25R, 100, 0.50	0.75	0.5	1.0	1.0	0.5	307	0.75	0.5	1.0	0.75	307	0.75	0.5	1.0	52.0	72.4
531	R81Y, 0.75, 0.75	0.75	0.625	0.75	0.75	0.625	311	0.75	0.625	0.437	0.75	311	0.75	0.625	0.437	52.0	72.4
532	R81Y, 0.75, 0.625	0.75	0.625	0.75	0.75	0.625	311	0.75	0.625	0.437	0.75	311	0.75	0.625	0.437	52.0	72.4
533	R76Y, 0.75, 0.75	0.75	0.625	0.75	0.75	0.625	311	0.75	0.625	0.437	0.75	311	0.75	0.625	0.437	52.0	72.4
534	R68Y, 0.75, 0.75	0.75	0.625	0.75	0.75	0.625	311	0.75	0.625	0.437	0.75	311	0.75	0.625	0.437	52.0	72.4
535	R00Y, 0.75, 0.625	0.75	0.625	0.75	0.75	0.625	311	0.75	0.625	0.437	0.75	311	0.75	0.625	0.437	52.0	72.4
536	R00Y, 0.75, 0.625	0.75	0.625	0.75	0.75	0.625	311	0.75	0.625	0.437	0.75	311	0.75	0.625	0.437	52.0	72.4
537	R00Y, 0.75, 0.625	0.75	0.625	0.75	0.75	0.625	311	0.75	0.625	0.437	0.75	311	0.75	0.625	0.437	52.0	72.4
538	B25R, 0.75, 0.625	0.75	0.625	0.75	0.75	0.625	311	0.75	0.625	0.437	0.75	311	0.75	0.625	0.437	52.0	72.4
539	B15R, 100, 0.37	0.75	0.625	1.0	1.0	0.375	0.812	0.75	0.625	1.0	0.375	0.812	0.75	0.625	1.0	52.0	72.4
540	Y00G, 0.75, 0.75	0.75	0.75	0.75	0.75	0.75	289	0.75	0.75	0.75	0.75	289	0.75	0.75	0.75	52.0	72.4
541	Y00G, 0.75, 0.625	0.75	0.75	0.75	0.75	0.625	347	0.75	0.625	0.437	0.75	347	0.75	0.625	0.437	51.1	79.1
542	Y00G, 0.75, 0.50	0.75	0.75	0.75	0.75	0.5	307	0.75	0.5	0.75							

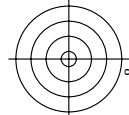
<http://130.149.60.45/~farbmatrik/PE31/PE31LOFA.TXT /.PS; 3D-linearization>
F: 3D-linearization PE31/PE31LE30FA.DAT in file (F), page 12/18

PE31-7N, Page 12/18-F

TUB-test chart PE31; colour rendering
colors and differences, ΔE^* , 3D=1, de=0, sRGB*

input: *rgb/cmyk* -> *rgbbd*
output: 3D-linearization to *rgb**dd

n	H1C*Fid	rgb_Fid	icr_Fid	hsa_Fid	rgb*Fid	LabCh*Fid	LabCh*Fid	rgb*Fid	LabCh*Fid	DE*Fid	hsa_Mid	rgb_Mid	LabCh*Mid
567	R00Y_087_087.ad	0.875 0.0	0.875 0.875 0.437	390	0.875 0.0	44.1 67.3	56.4 87.8	40.0 86.4 0.055 0.017	43.9 67.7	56.4 88.1	39.7 56.4	1.0 0.0	50.4 76.9
568	R36Y_087_087.ad	0.875 0.0125	0.875 0.875 0.437	382	0.875 0.0	44.2 67.3	56.4 87.8	40.0 86.4 0.054 0.124	44.1 68.0	56.4 88.1	39.7 56.4	1.0 0.0	50.4 76.9
569	R72Y_087_087.ad	0.875 0.025	0.875 0.875 0.437	374	0.875 0.0	44.3 67.3	56.4 87.8	40.0 86.4 0.052 0.233	44.3 68.9	56.4 88.1	39.7 56.4	1.0 0.0	50.4 76.9
570	R108Y_087_087.ad	0.875 0.0375	0.875 0.875 0.437	366	0.875 0.0	44.4 67.3	56.4 87.8	40.0 86.4 0.050 0.364	44.9 70.0	56.4 88.1	39.7 56.4	1.0 0.0	50.4 76.9
571	B70K_087_087.ad	0.875 0.0	0.875 0.875 0.437	358	0.875 0.0	44.5 67.3	56.4 87.8	40.0 86.4 0.052 0.506	45.9 73.2	56.4 88.1	39.7 56.4	1.0 0.0	50.4 76.9
572	B63K_087_087.ad	0.875 0.0	0.875 0.875 0.437	350	0.875 0.0	44.6 67.3	56.4 87.8	40.0 86.4 0.050 0.631	47.0 76.0	56.4 88.1	39.7 56.4	1.0 0.0	50.4 76.9
573	B56K_087_087.ad	0.875 0.0	0.875 0.875 0.437	342	0.875 0.0	44.7 67.3	56.4 87.8	40.0 86.4 0.052 0.762	49.2 78.6	56.4 88.1	39.7 56.4	1.0 0.0	50.4 76.9
574	B50K_087_087.ad	0.875 0.0	0.875 0.875 0.437	334	0.875 0.0	44.8 67.3	56.4 87.8	40.0 86.4 0.052 0.893	51.3 81.9	56.4 88.1	39.7 56.4	1.0 0.0	50.4 76.9
575	B44K_100_100.ad	0.875 0.0	0.875 0.875 0.437	326	0.875 0.0	44.9 67.3	56.4 87.8	40.0 86.4 0.052 1.024	53.4 84.9	56.4 88.1	39.7 56.4	1.0 0.0	50.4 76.9
576	R13Y_087_087.ad	0.875 0.125	0.875 0.875 0.437	318	0.875 0.125	45.0 67.3	56.4 87.8	40.0 86.4 0.052 1.155	55.5 87.9	56.4 88.1	39.7 56.4	1.0 0.0	50.4 76.9
577	R00Y_087_087.ad	0.875 0.125	0.875 0.875 0.437	310	0.875 0.125	45.1 67.3	56.4 87.8	40.0 86.4 0.052 1.286	57.6 90.9	56.4 88.1	39.7 56.4	1.0 0.0	50.4 76.9
578	R36Y_087_087.ad	0.875 0.125	0.875 0.875 0.437	302	0.875 0.125	45.2 67.3	56.4 87.8	40.0 86.4 0.052 1.417	59.7 93.9	56.4 88.1	39.7 56.4	1.0 0.0	50.4 76.9
579	R72Y_087_087.ad	0.875 0.125	0.875 0.875 0.437	294	0.875 0.125	45.3 67.3	56.4 87.8	40.0 86.4 0.052 1.548	61.8 96.9	56.4 88.1	39.7 56.4	1.0 0.0	50.4 76.9
580	R108Y_087_087.ad	0.875 0.125	0.875 0.875 0.437	286	0.875 0.125	45.4 67.3	56.4 87.8	40.0 86.4 0.052 1.679	63.9 99.9	56.4 88.1	39.7 56.4	1.0 0.0	50.4 76.9
581	B63K_087_087.ad	0.875 0.125	0.875 0.875 0.437	278	0.875 0.125	45.5 67.3	56.4 87.8	40.0 86.4 0.052 1.810	66.0 102.9	56.4 88.1	39.7 56.4	1.0 0.0	50.4 76.9
582	B56K_087_087.ad	0.875 0.125	0.875 0.875 0.437	270	0.875 0.125	45.6 67.3	56.4 87.8	40.0 86.4 0.052 1.941	68.1 105.9	56.4 88.1	39.7 56.4	1.0 0.0	50.4 76.9
583	B50K_087_087.ad	0.875 0.125	0.875 0.875 0.437	262	0.875 0.125	45.7 67.3	56.4 87.8	40.0 86.4 0.052 2.072	70.2 108.9	56.4 88.1	39.7 56.4	1.0 0.0	50.4 76.9
584	B44K_100_100.ad	0.875 0.125	0.875 0.875 0.437	254	0.875 0.125	45.8 67.3	56.4 87.8	40.0 86.4 0.052 2.203	72.3 111.9	56.4 88.1	39.7 56.4	1.0 0.0	50.4 76.9
585	R26Y_087_087.ad	0.875 0.25	0.875 0.875 0.437	246	0.875 0.25	45.9 67.3	56.4 87.8	40.0 86.4 0.052 2.334	74.4 114.9	56.4 88.1	39.7 56.4	1.0 0.0	50.4 76.9
586	R13Y_087_087.ad	0.875 0.25	0.875 0.875 0.437	238	0.875 0.25	46.0 67.3	56.4 87.8	40.0 86.4 0.052 2.465	76.5 117.9	56.4 88.1	39.7 56.4	1.0 0.0	50.4 76.9
587	R00Y_087_087.ad	0.875 0.25	0.875 0.875 0.437	230	0.875 0.25	46.1 67.3	56.4 87.8	40.0 86.4 0.052 2.596	78.6 120.9	56.4 88.1	39.7 56.4	1.0 0.0	50.4 76.9
588	R36Y_087_087.ad	0.875 0.25	0.875 0.875 0.437	222	0.875 0.25	46.2 67.3	56.4 87.8	40.0 86.4 0.052 2.727	80.7 123.9	56.4 88.1	39.7 56.4	1.0 0.0	50.4 76.9
589	R72Y_087_087.ad	0.875 0.25	0.875 0.875 0.437	214	0.875 0.25	46.3 67.3	56.4 87.8	40.0 86.4 0.052 2.858	82.8 126.9	56.4 88.1	39.7 56.4	1.0 0.0	50.4 76.9
590	B63K_087_087.ad	0.875 0.25	0.875 0.875 0.437	206	0.875 0.25	46.4 67.3	56.4 87.8	40.0 86.4 0.052 2.989	84.9 129.9	56.4 88.1	39.7 56.4	1.0 0.0	50.4 76.9
591	B56K_087_087.ad	0.875 0.25	0.875 0.875 0.437	198	0.875 0.25	46.5 67.3	56.4 87.8	40.0 86.4 0.052 3.120	87.0 132.9	56.4 88.1	39.7 56.4	1.0 0.0	50.4 76.9
592	B50K_087_087.ad	0.875 0.25	0.875 0.875 0.437	190	0.875 0.25	46.6 67.3	56.4 87.8	40.0 86.4 0.052 3.251	89.1 135.9	56.4 88.1	39.7 56.4	1.0 0.0	50.4 76.9
593	B44K_100_100.ad	0.875 0.25	0.875 0.875 0.437	182	0.875 0.25	46.7 67.3	56.4 87.8	40.0 86.4 0.052 3.382	91.2 138.9	56.4 88.1	39.7 56.4	1.0 0.0	50.4 76.9
594	R41Y_087_087.ad	0.875 0.375	0.875 0.875 0.437	174	0.875 0.375	46.8 67.3	56.4 87.8	40.0 86.4 0.052 3.513	93.3 141.9	56.4 88.1	39.7 56.4	1.0 0.0	50.4 76.9
595	R13Y_087_087.ad	0.875 0.375	0.875 0.875 0.437	166	0.875 0.375	46.9 67.3	56.4 87.8	40.0 86.4 0.052 3.644	95.4 144.9	56.4 88.1	39.7 56.4	1.0 0.0	50.4 76.9
596	R00Y_087_087.ad	0.875 0.375	0.875 0.875 0.437	158	0.875 0.375	47.0 67.3	56.4 87.8	40.0 86.4 0.052 3.775	97.5 147.9	56.4 88.1	39.7 56.4	1.0 0.0	50.4 76.9
597	R36Y_087_087.ad	0.875 0.375	0.875 0.875 0.437	150	0.875 0.375	47.1 67.3	56.4 87.8	40.0 86.4 0.052 3.906	99.6 150.9	56.4 88.1	39.7 56.4	1.0 0.0	50.4 76.9
598	R72Y_087_087.ad	0.875 0.375	0.875 0.875 0.437	142	0.875 0.375	47.2 67.3	56.4 87.8	40.0 86.4 0.052 4.037	101.7 153.9	56.4 88.1	39.7 56.4	1.0 0.0	50.4 76.9
599	B63K_087_087.ad	0.875 0.375	0.875 0.875 0.437	134	0.875 0.375	47.3 67.3	56.4 87.8	40.0 86.4 0.052 4.168	103.8 156.9	56.4 88.1	39.7 56.4	1.0 0.0	50.4 76.9
600	B56K_087_087.ad	0.875 0.375	0.875 0.875 0.437	126	0.875 0.375	47.4 67.3	56.4 87.8	40.0 86.4 0.052 4.299	105.9 159.9	56.4 88.1	39.7 56.4	1.0 0.0	50.4 76.9
601	B50K_087_087.ad	0.875 0.375	0.875 0.875 0.437	118	0.875 0.375	47.5 67.3	56.4 87.8	40.0 86.4 0.052 4.430	108.0 162.9	56.4 88.1	39.7 56.4	1.0 0.0	50.4 76.9
602	B44K_100_100.ad	0.875 0.375	0.875 0.875 0.437	110	0.875 0.375	47.6 67.3	56.4 87.8	40.0 86.4 0.052 4.561	110.1 165.9	56.4 88.1	39.7 56.4	1.0 0.0	50.4 76.9
603	R59Y_087_087.ad	0.875 0.5	0.875 0.875 0.437	65	0.875 0.5	47.7 67.3	56.4 87.8	40.0 86.4 0.052 4.692	112.2 168.9	56.4 88.1	39.7 56.4	1.0 0.0	50.4 76.9
604	R50Y_087_087.ad	0.875 0.5	0.875 0.875 0.437	57	0.875 0.5	47.8 67.3	56.4 87.8	40.0 86.4 0.052 4.823	114.3 171.9	56.4 88.1	39.7 56.4	1.0 0.0	50.4 76.9
605	R38Y_087_087.ad	0.875 0.5	0.875 0.875 0.437	49	0.875 0.5	47.9 67.3	56.4 87.8	40.0 86.4 0.052 4.954	116.4 174.9	56.4 88.1	39.7 56.4	1.0 0.0	50.4 76.9
606	R26Y_087_087.ad	0.875 0.5	0.875 0.875 0.437	41	0.875 0.5	48.0 67.3	56.4 87.8	40.0 86.4 0.052 5.085	118.5 177.9	56.4 88.1	39.7 56.4	1.0 0.0	50.4 76.9
607	R13Y_087_087.ad	0.875 0.5	0.875 0.875 0.437	33	0.875 0.5	48.1 67.3	56.4 87.8	40.0 86.4 0.052 5.216	120.6 180.9	56.4 88.1	39.7 56.4	1.0 0.0	50.4 76.9
608	R00Y_087_087.ad	0.875 0.5	0.875 0.875 0.437	25	0.875 0.5	48.2 67.3	56.4 87.8	40.0 86.4 0.052 5.347	122.7 183.9	56.4 88.1	39.7 56.4	1.0 0.0	50.4 76.9
609	B63K_087_087.ad	0.875 0.5	0.875 0.875 0.437	17	0.875 0.5	48.3 67.3	56.4 87.8	40.0 86.4 0.052 5.478	124.8 186.9	56.4 88.1	39.7 56.4	1.0 0.0	50.4 76.9
610	B56K_087_087.ad	0.875 0.5	0.875 0.875 0.437	9	0.875 0.5	48.4 67.3	56.4 87.8	40.0 86.4 0.052 5.609	126.9 189.9	56.4 88.1	39.7 56.4	1.0 0.0	50.4 76.9
611	B50K_087_087.ad	0.875 0.5	0.875 0.875 0.437	1	0.875 0.5	48.5 67.3	56.4 87.8	40.0 86.4 0.052 5.740	129.0 192.9	56.4 88.1	39.7 56.4	1.0 0.0	50.4 76.9
612	R73Y_087_087.ad	0.875 0.625	0.875 0.875 0.437	71	0.875 0.625	48.6 67.3	56.4 87.8	40.0 86.4 0.052 5.871	131.1 195.9	56.4 88.1	39.7 56.4	1.0 0.0	50.4 76.9
613	R68Y_087_087.ad	0.875 0.625	0.875 0.875 0.437	63	0.875 0.625	48.7 67.3	56.4 87.8	40.0 86.4 0.052 6.002	133.2 198.9	56.4 88.1	39.7 56.4	1.0 0.0	50.4 76.9
614	R61Y_087_087.ad	0.875 0.625	0.875 0.875 0.437	55	0.875 0.625	48.8 67.3	56.4 87.8	40.0 86.4 0.052 6.133	135.3 201.9	56.4 88.1	39.7 56.4	1.0 0.0	50.4 76.9
615	R54Y_087_087.ad	0.875 0.625	0.875 0.875 0.437										



TUB material: code=rha4ta

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

TUB-test chart PE31; colour rendering colors and differences, ΔE^* , 3D=1, de=0, sRGB*

PF 310-7N Page 18/18-F

1 1031730 TO

TUB-test chart PE31; colour rendering colors and differences, ΔE^* , 3D=1, de=

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

-see similar files: <http://130.149.60.45/~farbmetrik/PE31/PE31.HTM>
technical information: <http://www.ps.bam.de> or <http://130.149.60.45/~farbmetrik>

n	HIC-Field	rgb_Field	lcr_Field	hls_Field	rgb_Field	LabCh-Field	rgb-Field	LabCh-Field	DE-Field	rgb-Med	LabCh-Med
1053	NW_089d	0.866	0.866	0.866	0.866	82.6	0.0	0.0	0.0	0.0	0.0
1054	NW_093d	0.933	0.933	0.933	0.933	89.0	0.0	0.0	0.0	0.0	0.0
1055	NW_100d	1.0	1.0	1.0	1.0	95.4	0.0	0.0	0.0	1.0	95.4
1056	NW_100d	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	95.4
1057	NW_100d	0.066	0.066	0.066	0.066	6.2	0.0	0.0	0.0	0.0	0.0
1058	NW_013d	0.066	0.066	0.066	0.066	6.2	0.0	0.0	0.0	1.0	95.4
1059	NW_013d	0.133	0.133	0.133	0.133	12.6	0.0	0.0	0.0	1.0	95.4
1060	NW_020d	0.2	0.2	0.2	0.2	19.0	0.0	0.0	0.0	1.0	95.4
1061	NW_020d	0.266	0.266	0.266	0.266	25.3	0.0	0.0	0.0	1.0	95.4
1062	NW_033d	0.333	0.333	0.333	0.333	31.7	0.0	0.0	0.0	1.0	95.4
1063	NW_040d	0.4	0.4	0.4	0.4	36.1	0.0	0.0	0.0	1.0	95.4
1064	NW_040d	0.466	0.466	0.466	0.466	44.4	0.0	0.0	0.0	1.0	95.4
1065	NW_050d	0.533	0.533	0.533	0.533	51.7	0.0	0.0	0.0	1.0	95.4
1066	NW_060d	0.6	0.6	0.6	0.6	57.2	0.0	0.0	0.0	1.0	95.4
1067	NW_073d	0.666	0.666	0.666	0.666	63.5	0.0	0.0	0.0	1.0	95.4
1068	NW_080d	0.734	0.734	0.734	0.734	70.7	0.0	0.0	0.0	1.0	95.4
1069	NW_080d	0.8	0.8	0.8	0.8	76.3	0.0	0.0	0.0	1.0	95.4
1070	NW_093d	0.866	0.866	0.866	0.866	82.6	0.0	0.0	0.0	1.0	95.4
1071	NW_093d	0.933	0.933	0.933	0.933	89.0	0.0	0.0	0.0	1.0	95.4
1072	NW_100d	1.0	1.0	1.0	1.0	95.4	0.0	0.0	0.0	1.0	95.4
1073	NW_100d	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	95.4
1074	RoNY_100_100d	1.0	1.0	1.0	1.0	95.4	0.0	0.0	0.0	1.0	95.4
1075	G50B_100_100d	0.0	0.0	1.0	0.5	39.0	0.0	0.0	0.0	0.0	0.0
1076	Y00G_100_100d	0.0	1.0	1.0	0.5	210	0.0	0.0	0.0	0.0	0.0
1077	Bo0R_100_100d	0.0	1.0	1.0	0.5	90.2	0.0	0.0	0.0	0.0	0.0
1078	Bo0R_100_100d	0.0	1.0	1.0	0.5	270	0.0	0.0	0.0	0.0	0.0
1079	Go0B_100_100d	0.0	1.0	1.0	0.5	83.6	0.0	0.0	0.0	0.0	0.0
1080	B50R_100_100d	1.0	0.0	1.0	1.0	57.2	0.0	0.0	0.0	0.0	0.0

Mean color difference of this page: $\Delta E^* = 0.2$

Mean color difference of this page: