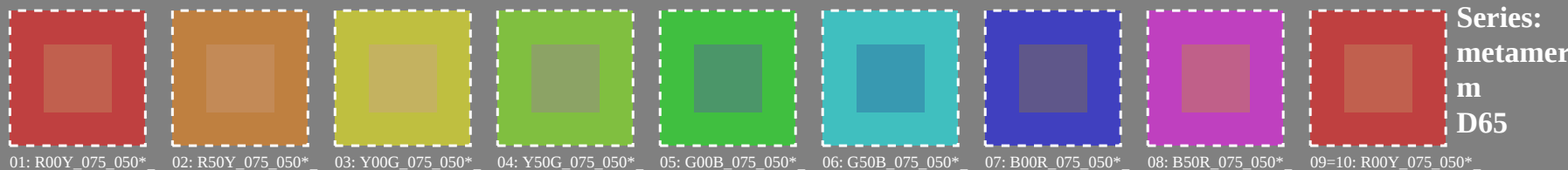
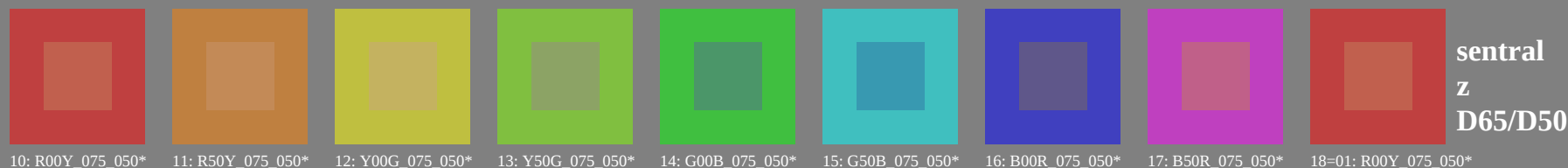


Prøveplansje 2 for fargegjengivelse: metamere farger D65 og D50; standard display (sRGB)



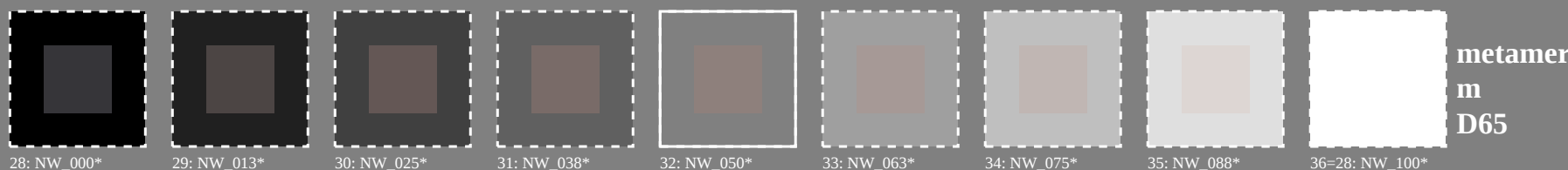
Series:
metamer
m
D65



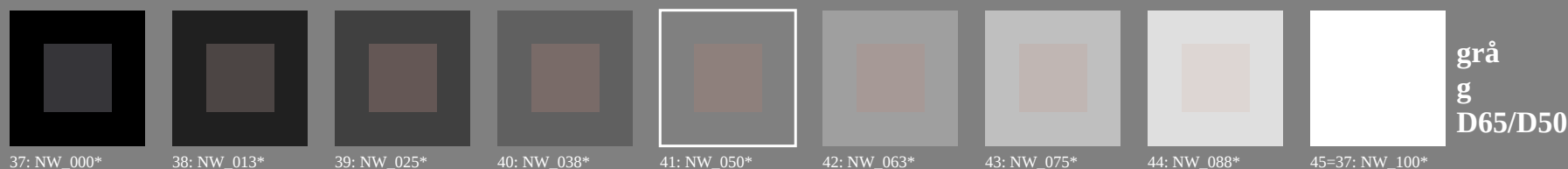
sentral
z
D65/D50

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

metamer
m
D50



metamer
m
D65



grå
g
D65/D50

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

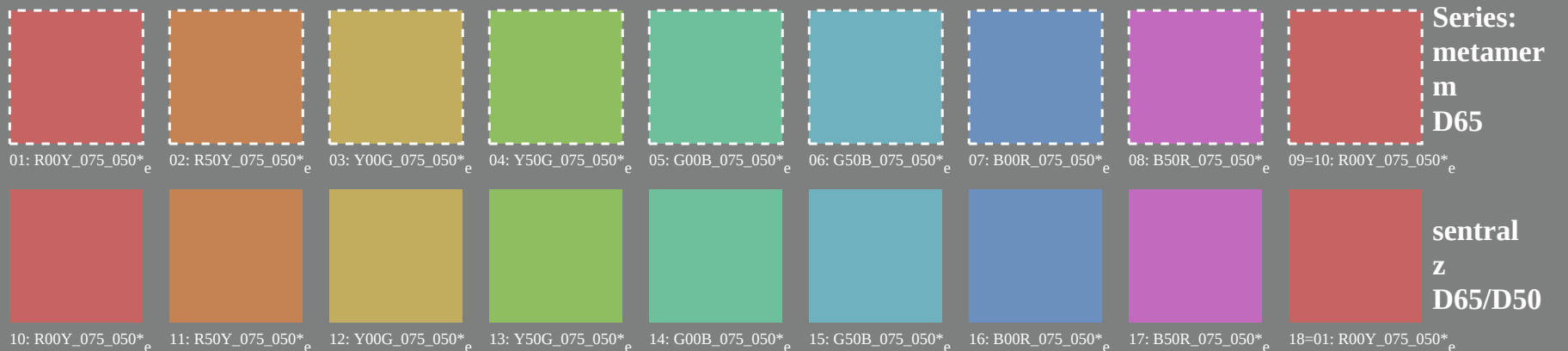
metamer
m
D50

see similar files: <http://130.149.60.45/~farbmetrik/PN22/PN22.HTM>
technical information: <http://www.ps.bam.de> or <http://130.149.60.45/~farbmetrik>

TUB registration: 20130201-PN22/PN22L0FA.TXT /.PS
application for measurement of display output, no separation

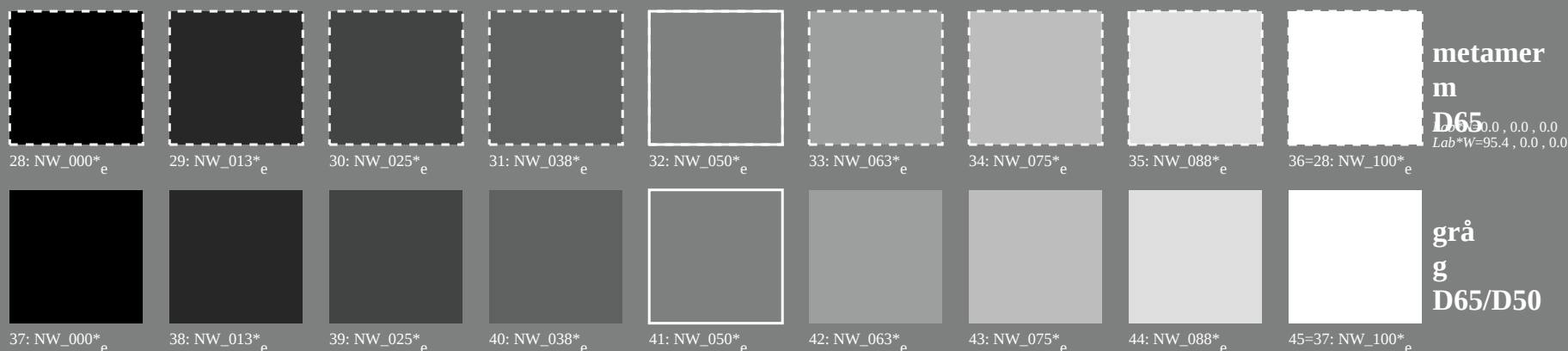
TUB material: code=rha4ta

Prøveplansje 2 for fargegjengivelse: metamere farger D65 og D50; standard display (sRGB); $rgb \rightarrow rgb^*_{de}$



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

metamer m D50



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

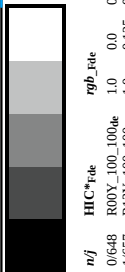
metamer m D50

5-113130-L0 PN220-73

TUB-test chart PN22; colour rendering
54 colors; metameric for D65&D50, 3D=1, de=1, sRGB*

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

5-113130-F0

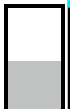
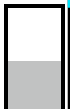
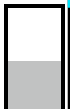
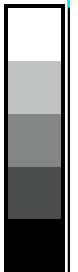


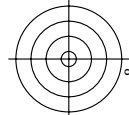
see similar files: <http://130.149.60.45/~farbmatrik/PN22/PN22.HTM>
technical information: <http://www.ps.bam.de> or <http://130.149.60.45/~farbmatrik>

n/f	H/C*File	rgb_file	icc_file	hsa_file	rgb*File	LabCH*File	LabCH*File	rgb*File	DF*File	hsaFile	rgb*File	LabCH*File	LabCH*File	DF*File	hsaFile	rgb*File	LabCH*File	LabCH*File	DF*File	hsaFile
0/648	R00Y_100_100de	1.0	0.0	0.0	1.0	0.0	0.263	50.9	78.3	37.3	86.7	25.4	0.2	371	37.1	86.5	25.4	0.2	371	
1/657	R13Y_100_100de	1.0	0.125	0.0	1.0	0.0	0.156	50.6	77.6	50.9	92.9	33.2	0.4	385	51.2	88.5	33.5	0.4	385	
2/666	R25Y_100_100de	1.0	0.25	0.0	1.0	0.0	0.102	50.6	77.6	50.9	92.9	33.2	0.4	385	51.2	88.5	33.5	0.4	385	
3/675	R38Y_100_100de	1.0	0.375	0.0	1.0	0.0	0.058	50.6	77.6	50.9	92.9	33.2	0.4	385	51.2	88.5	33.5	0.4	385	
4/684	R50Y_100_100de	1.0	0.5	0.0	1.0	0.0	0.038	50.6	77.6	50.9	92.9	33.2	0.4	385	51.2	88.5	33.5	0.4	385	
5/693	R63Y_100_100de	1.0	0.625	0.0	1.0	0.0	0.028	50.6	77.6	50.9	92.9	33.2	0.4	385	51.2	88.5	33.5	0.4	385	
6/702	R75Y_100_100de	1.0	0.75	0.0	1.0	0.0	0.018	50.6	77.6	50.9	92.9	33.2	0.4	385	51.2	88.5	33.5	0.4	385	
7/711	R88Y_100_100de	1.0	0.875	0.0	1.0	0.0	0.008	50.6	77.6	50.9	92.9	33.2	0.4	385	51.2	88.5	33.5	0.4	385	
8/720	Y00C_100_100de	1.0	1.0	0.0	1.0	0.0	0.856	0.0	83.7	84.5	84.5	92.3	0.2	82	84.2	84.3	92.3	0.2	82	
9/639	Y13C_100_100de	0.875	1.0	0.0	1.0	0.0	0.966	0.0	90.5	88.9	88.9	93.8	0.1	104	89.1	89.7	93.8	0.1	104	
10/558	Y25C_100_100de	0.625	1.0	0.0	1.0	0.0	0.906	1.0	0.0	91.0	93.8	100.4	0.2	94	90.6	91.0	100.4	0.2	94	
11/477	Y38C_100_100de	0.375	1.0	0.0	1.0	0.0	0.743	1.0	0.0	88.4	85.7	97.1	0.1	117	88.4	85.7	97.1	0.1	117	
12/396	Y50C_100_100de	0.25	1.0	0.0	1.0	0.0	0.528	1.0	0.0	85.9	82.8	101.1	0.1	127	85.9	82.8	101.1	0.1	127	
13/315	Y63C_100_100de	0.125	1.0	0.0	1.0	0.0	0.375	1.0	0.0	83.6	82.4	113.4	0.1	136	83.6	82.4	113.4	0.1	136	
14/234	Y75C_100_100de	0.0	1.0	0.0	1.0	0.0	0.263	1.0	0.0	81.0	75.4	141.8	0.1	145	81.0	75.4	141.8	0.1	145	
15/153	Y88C_100_100de	0.0	1.0	0.0	1.0	0.0	0.156	1.0	0.0	78.3	80.7	154.0	0.1	154	78.3	80.7	154.0	0.1	154	
16/72	G00C_100_100de	0.0	1.0	0.0	1.0	0.0	0.706	0.0	1.0	0.0	67.9	162.2	0.3	193	67.9	162.2	0.3	193		
17/73	G13C_100_100de	0.0	1.0	0.0	1.0	0.0	0.856	0.0	1.0	0.0	67.9	162.2	0.3	193	67.9	162.2	0.3	193		
18/74	G25C_100_100de	0.0	1.0	0.0	1.0	0.0	0.906	0.0	1.0	0.0	67.9	162.2	0.3	193	67.9	162.2	0.3	193		
19/75	G38C_100_100de	0.0	1.0	0.0	1.0	0.0	0.966	0.0	1.0	0.0	67.9	162.2	0.3	193	67.9	162.2	0.3	193		
20/76	G50C_100_100de	0.0	1.0	0.0	1.0	0.0	0.996	0.0	1.0	0.0	67.9	162.2	0.3	193	67.9	162.2	0.3	193		
21/77	G63C_100_100de	0.0	1.0	0.0	1.0	0.0	0.996	0.0	1.0	0.0	67.9	162.2	0.3	193	67.9	162.2	0.3	193		
22/78	G75C_100_100de	0.0	1.0	0.0	1.0	0.0	0.996	0.0	1.0	0.0	67.9	162.2	0.3	193	67.9	162.2	0.3	193		
23/79	G88C_100_100de	0.0	1.0	0.0	1.0	0.0	0.996	0.0	1.0	0.0	67.9	162.2	0.3	193	67.9	162.2	0.3	193		
24/80	C00B_100_100de	0.0	1.0	1.0	1.0	0.0	0.89	1.0	79.0	34.2	25.7	216.9	0.5	216	34.2	25.7	216.9	0.5	216	
25/81	C13B_100_100de	0.0	1.0	1.0	1.0	0.0	0.858	1.0	76.8	30.8	29.1	223.3	0.5	217	30.8	29.1	223.3	0.5	217	
26/82	C25B_100_100de	0.0	1.0	1.0	1.0	0.0	0.829	1.0	74.7	27.7	42.8	229.7	0.5	224	27.7	42.8	229.7	0.5	224	
27/83	C38B_100_100de	0.0	1.0	1.0	1.0	0.0	0.796	1.0	72.4	23.6	36.4	237.0	0.5	232	23.6	36.4	237.0	0.5	232	
28/84	C50B_100_100de	0.0	1.0	1.0	1.0	0.0	0.763	1.0	70.0	19.0	43.9	244.3	0.5	240	19.0	43.9	244.3	0.5	240	
29/85	C63B_100_100de	0.0	1.0	1.0	1.0	0.0	0.725	1.0	67.4	14.5	43.8	251.6	0.5	248	14.5	43.8	251.6	0.5	248	
30/26	C75B_100_100de	0.0	1.0	1.0	1.0	0.0	0.685	1.0	64.5	9.4	46.6	258.9	0.5	256	9.4	46.6	258.9	0.5	256	
31/17	C88B_100_100de	0.0	1.0	1.0	1.0	0.0	0.609	1.0	62.0	4.2	52.3	263.3	0.5	263	4.2	52.3	263.3	0.5	263	
32/8	B00M_100_100de	0.0	1.0	1.0	1.0	0.0	0.609	1.0	59.2	1.7	56.6	271.7	0.5	270	1.7	56.6	271.7	0.5	270	
33/89	B13M_100_100de	0.125	1.0	1.0	1.0	0.0	0.554	1.0	55.5	9.2	63.0	278.3	0.5	277	9.2	63.0	278.3	0.5	277	
34/170	B25M_100_100de	0.25	1.0	1.0	1.0	0.0	0.5	1.0	51.8	18.3	68.3	285.0	0.5	284	18.3	68.3	285.0	0.5	284	
35/251	B38M_100_100de	0.375	1.0	1.0	1.0	0.0	0.404	1.0	45.7	32.7	78.6	292.5	0.5	292	32.7	78.6	292.5	0.5	292	
36/332	B50M_100_100de	0.5	1.0	1.0	1.0	0.0	0.27	1.0	38.2	52.7	90.7	300.1	0.5	300	52.7	90.7	300.1	0.5	300	
37/413	B63M_100_100de	0.625	1.0	1.0	1.0	0.0	0.263	1.0	32.8	76.9	93.9	307.7	0.5	308	76.9	93.9	307.7	0.5	308	
38/494	B75M_100_100de	0.75	1.0	1.0	1.0	0.0	0.238	1.0	43.2	82.9	116.5	315.3	0.5	316	82.9	116.5	315.3	0.5	316	
39/575	B88M_100_100de	0.875	1.0	1.0	1.0	0.0	0.215	1.0	50.7	88.7	112.6	321.9	0.5	323	88.7	112.6	321.9	0.5	323	
40/656	M00R_100_100de	1.0	0.0	1.0	1.0	0.0	0.991	0.0	57.1	94.1	57.4	328.6	0.0	330	57.1	94.1	57.4	328.6	0.0	330
41/655	M13R_100_100de	1.0	0.0	1.0	1.0	0.0	0.855	0.0	55.4	89.9	41.4	335.2	0.0	337	55.4	89.9	41.4	335.2	0.0	337
42/654	M25R_100_100de	1.0	0.0	1.0	1.0	0.0	0.747	0.0	54.1	86.7	28.3	341.8	0.0	344	54.1	86.7	28.3	341.8	0.0	344
43/653	M38R_100_100de	1.0	0.0	1.0	1.0	0.0	0.65	0.0	53.2	84.5	15.7	349.4	0.0	352	53.2	84.5	15.7	349.4	0.0	352
44/652	M50R_100_100de	1.0	0.0	1.0	1.0	0.0	0.617	0.0	52.9	83.6	11.6	352.0	0.0	360	52.9	83.6	11.6	352.0	0.0	360
45/651	M63R_100_100de	1.0	0.0	1.0	1.0	0.0	0.521	0.0	52.2	81.8	9.1	358.1	0.0	368	52.2	81.8	9.1	358.1	0.0	368
46/650	M75R_100_100de	1.0	0.0	1.0	1.0	0.0	0.429	0.0	51.6	80.5	7.9	361.7	0.0	376	51.6	80.5	7.9	361.7	0.0	376
47/649	M88R_100_100de	1.0	0.0	1.0	1.0	0.0	0.348	0.0	51.2	79.3	25.2	362.9	0.0	383	51.2	79.3	25.2	362.9	0.0	383
48/648	R00Y_100_100de	1.0	0.0	0.0	1.0	0.0	0.263	0.0	50.9	78.3	37.3	328.6	0.0	390	50.9	78.3	37.3	328.6	0.0	390
49/0	NW_000de	0.0	1.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	360	0.0	0.0	0.0	0.0	360	
50/91	NW_013de	0.125	1.0	0.0	1.0	0.0	0.125	0.0	0.0	0.0	0.0	0.0	0.0	360	0.125	0.0	0.0	0.0	360	
51/182	NW_025de	0.25	1.0	0.0	1.0	0.0	0.25	0.0	0.0	0.0	0.0	0.0	0.0	360	0.25	0.0	0.0	0.0	360	
52/273	NW_038de	0.375	1.0	0.0	1.0	0.0	0.375	0.0	0.0	0.0	0.0	0.0	0.0	360	0.375	0.0	0.0	0.0	360	
53/364	NW_050de	0.5	1.0	0.0	1.0	0.0	0.5	0.0	0.0	0.0	0.0	0.0	0.0	360	0.5	0.0	0.0	0.0	360	
54/455	NW_063de	0.625	1.0	0.0	1.0	0.0	0.625	0.0	0.0	0.0	0.0	0.0	0.0	360	0.625	0.0	0.0	0.0	360	
55/546	NW_075de	0.75	1.0	0.0	1.0	0.0	0.75	0.0	0.0	0.0	0.0	0.0	0.0	360	0.75	0.0	0.0	0.0	360	
56/637	NW_088de	0.875	1.0	0.0	1.0	0.0	0.875	0.0	0.0	0.0	0.0	0.0	0.0	360	0.875	0.0	0.0	0.0	360	
57/728	NW_100de	1.0	1.0	1.0	1.0	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0	360	1.0	1.0	95.4	0.0	360	

PN220-7N, 3/18-F

TUB-test chart PN22; colour rendering
colors and differences, ΔE^* , 3D=1, de=1, sRGB*





TUB material: code=rha4ta

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

TUB-test chart PN22; colour rendering colors and differences, ΔE^* , 3D=1, de=1, sRGB*

PN220-7N 4/18-E

E 113330 TO

see similar files: <http://130.149.60.45/~farbmatrik/PN22/PN22.HTM>
technical information: <http://www.ps.bam.de> or <http://130.149.60.45/~farbmatrik>

[illegible]

TUB registration: 20130201-PN22/PN22L0FA.TXT /.PS
application for measurement of display output, no separation

TUB material: code=rha4ta

see similar files: <http://130.149.60.45/~farbmatrik/PN22/PN22L0FA.TXT> /.PS; 3D-linearization
technical information: <http://www.ps.bam.de> or <http://130.149.60.45/~farbmatrik>

F: 3D-linearization PN22/PN22LJ30FA.DAT in file (F), page 5/18									
n=F	HC*File	rgb*File	tc*File	hsa*File	rgb*File	LabCH*File	LabCH*File	rgb*File	DF*File
1	NW.0001e	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2	BOOR.012.012a	0.0	0.125	0.125	0.062	0.0	0.0	0.0	0.0
3	BOOR.025.025a	0.0	0.25	0.25	0.125	0.0	0.0	0.0	0.0
4	BOOR.037.037a	0.0	0.375	0.375	0.187	0.0	0.0	0.0	0.0
5	BOOR.050.050a	0.0	0.5	0.5	0.25	0.0	0.0	0.0	0.0
6	BOOR.062.062a	0.0	0.625	0.625	0.312	0.0	0.0	0.0	0.0
7	BOOR.075.075a	0.0	0.75	0.75	0.375	0.0	0.0	0.0	0.0
8	BOOR.087.087a	0.0	0.875	0.875	0.437	0.0	0.0	0.0	0.0
9	BOOR.100.100a	0.0	1.0	1.0	0.5	0.0	0.0	0.0	0.0
10	BOOR.012.012a	0.0	0.125	0.125	0.062	0.0	0.0	0.0	0.0
11	G5B8.025.025a	0.0	0.125	0.125	0.062	0.0	0.0	0.0	0.0
12	G5B8.037.037a	0.0	0.125	0.125	0.062	0.0	0.0	0.0	0.0
13	G5B8.050.050a	0.0	0.125	0.125	0.062	0.0	0.0	0.0	0.0
14	G5B8.062.062a	0.0	0.125	0.125	0.062	0.0	0.0	0.0	0.0
15	G5B8.075.075a	0.0	0.125	0.125	0.062	0.0	0.0	0.0	0.0
16	G5B8.087.087a	0.0	0.125	0.125	0.062	0.0	0.0	0.0	0.0
17	G5B8.100.100a	0.0	0.125	0.125	0.062	0.0	0.0	0.0	0.0
18	G5B8.012.012a	0.0	0.25	0.25	0.125	0.0	0.0	0.0	0.0
19	G5B8.025.025a	0.0	0.25	0.25	0.125	0.0	0.0	0.0	0.0
20	G5B8.037.037a	0.0	0.25	0.25	0.125	0.0	0.0	0.0	0.0
21	G5B8.050.050a	0.0	0.25	0.25	0.125	0.0	0.0	0.0	0.0
22	G5B8.062.062a	0.0	0.25	0.25	0.125	0.0	0.0	0.0	0.0
23	G5B8.075.075a	0.0	0.25	0.25	0.125	0.0	0.0	0.0	0.0
24	G5B8.087.087a	0.0	0.25	0.25	0.125	0.0	0.0	0.0	0.0
25	G5B8.100.100a	0.0	0.25	0.25	0.125	0.0	0.0	0.0	0.0
26	G5B8.012.012a	0.0	0.375	0.375	0.187	0.0	0.0	0.0	0.0
27	G5B8.025.025a	0.0	0.375	0.375	0.187	0.0	0.0	0.0	0.0
28	G5B8.037.037a	0.0	0.375	0.375	0.187	0.0	0.0	0.0	0.0
29	G5B8.050.050a	0.0	0.375	0.375	0.187	0.0	0.0	0.0	0.0
30	G5B8.062.062a	0.0	0.375	0.375	0.187	0.0	0.0	0.0	0.0
31	G5B8.075.075a	0.0	0.375	0.375	0.187	0.0	0.0	0.0	0.0
32	G5B8.087.087a	0.0	0.375	0.375	0.187	0.0	0.0	0.0	0.0
33	G5B8.100.100a	0.0	0.375	0.375	0.187	0.0	0.0	0.0	0.0
34	G5B8.012.012a	0.0	0.625	0.625	0.312	0.0	0.0	0.0	0.0
35	G5B8.025.025a	0.0	0.625	0.625	0.312	0.0	0.0	0.0	0.0
36	G5B8.037.037a	0.0	0.625	0.625	0.312	0.0	0.0	0.0	0.0
37	G5B8.050.050a	0.0	0.625	0.625	0.312	0.0	0.0	0.0	0.0
38	G5B8.062.062a	0.0	0.625	0.625	0.312	0.0	0.0	0.0	0.0
39	G5B8.075.075a	0.0	0.625	0.625	0.312	0.0	0.0	0.0	0.0
40	G5B8.087.087a	0.0	0.625	0.625	0.312	0.0	0.0	0.0	0.0
41	G5B8.100.100a	0.0	0.625	0.625	0.312	0.0	0.0	0.0	0.0
42	G5B8.012.012a	0.0	0.75	0.75	0.375	0.0	0.0	0.0	0.0
43	G5B8.025.025a	0.0	0.75	0.75	0.375	0.0	0.0	0.0	0.0
44	G5B8.037.037a	0.0	0.75	0.75	0.375	0.0	0.0	0.0	0.0
45	G5B8.050.050a	0.0	0.75	0.75	0.375	0.0	0.0	0.0	0.0
46	G5B8.062.062a	0.0	0.75	0.75	0.375	0.0	0.0	0.0	0.0
47	G5B8.075.075a	0.0	0.75	0.75	0.375	0.0	0.0	0.0	0.0
48	G5B8.087.087a	0.0	0.75	0.75	0.375	0.0	0.0	0.0	0.0
49	G5B8.100.100a	0.0	0.75	0.75	0.375	0.0	0.0	0.0	0.0
50	G5B8.012.012a	0.0	0.875	0.875	0.437	0.0	0.0	0.0	0.0
51	G5B8.025.025a	0.0	0.875	0.875	0.437	0.0	0.0	0.0	0.0
52	G5B8.037.037a	0.0	0.875	0.875	0.437	0.0	0.0	0.0	0.0
53	G5B8.050.050a	0.0	0.875	0.875	0.437	0.0	0.0	0.0	0.0
54	G5B8.062.062a	0.0	0.875	0.875	0.437	0.0	0.0	0.0	0.0
55	G5B8.075.075a	0.0	0.875	0.875	0.437	0.0	0.0	0.0	0.0
56	G5B8.087.087a	0.0	0.875	0.875	0.437	0.0	0.0	0.0	0.0
57	G5B8.100.100a	0.0	0.875	0.875	0.437	0.0	0.0	0.0	0.0
58	G5B8.012.012a	0.0	1.0	1.0	0.5	0.0	0.0	0.0	0.0
59	G5B8.025.025a	0.0	1.0	1.0	0.5	0.0	0.0	0.0	0.0
60	G5B8.037.037a	0.0	1.0	1.0	0.5	0.0	0.0	0.0	0.0
61	G5B8.050.050a	0.0	1.0	1.0	0.5	0.0	0.0	0.0	0.0
62	G5B8.062.062a	0.0	1.0	1.0	0.5	0.0	0.0	0.0	0.0
63	G5B8.075.075a	0.0	1.0	1.0	0.5	0.0	0.0	0.0	0.0
64	G5B8.087.087a	0.0	1.0	1.0	0.5	0.0	0.0	0.0	0.0
65	G5B8.100.100a	0.0	1.0	1.0	0.5	0.0	0.0	0.0	0.0
66	G5B8.012.012a	0.0	0.875	0.875	0.437	0.0	0.0	0.0	0.0
67	G5B8.025.025a	0.0	0.875	0.875	0.437	0.0	0.0	0.0	0.0
68	G5B8.037.037a	0.0	0.875	0.875	0.437	0.0	0.0	0.0	0.0
69	G5B8.050.050a	0.0	0.875	0.875	0.437	0.0	0.0	0.0	0.0
70	G5B8.062.062a	0.0	0.875	0.875	0.437	0.0	0.0	0.0	0.0
71	G5B8.075.075a	0.0	0.875	0.875	0.437	0.0	0.0	0.0	0.0
72	G5B8.087.087a	0.0	0.875	0.875	0.437	0.0	0.0	0.0	0.0
73	G5B8.100.100a	0.0	0.875	0.875	0.437	0.0	0.0	0.0	0.0
74	G5B8.012.012a	0.0	1.0	1.0	0.5	0.0	0.0	0.0	0.0
75	G5B8.025.025a	0.0	1.0	1.0	0.5	0.0	0.0	0.0	0.0
76	G5B8.037.037a	0.0	1.0	1.0	0.5	0.0	0.0	0.0	0.0
77	G5B8.050.050a	0.0	1.0	1.0	0.5	0.0	0.0	0.0	0.0
78	G5B8.062.062a	0.0	1.0	1.0	0.5	0.0	0.0	0.0	0.0
79	G5B8.075.075a	0.0	1.0	1.0	0.5	0.0	0.0	0.0	0.0
80	G5B8.087.087a	0.0	1.0	1.0	0.5	0.0	0.0	0.0	0.0

PN220-7N, 5/18-F

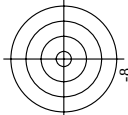
TUB-test chart PN22; colour rendering
colors and differences, ΔE^* , 3D=1, de=1, sRGB*

5-113430-F0

5-113430-F0

input: *rgb/cmyk* -> *rgbde*
output: 3D-linearization to *rgb*de*

delta F**= 0.6



TUB material: code=rha4ta

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

n	HIC _{Tribe}	rgb _{Tribe}	lca _{Tribe}	hba _{Tribe}	rgb _{Tribe}	LanCh _{Tribe}	4.6	10.8	25.4	0.146	0.043	0.037	5.3	11.5	4.6	12.4	21.9	37.5	1.0	0.0	0.263	50.9	78.3	37.3	86.7	25.4										
81	RO0Y_012_012ade	0.125	0.0	0.125	0.0	0.032	6.3	9.7	11.7	13.7	328.6	0.133	6.1	14.1	-8.8	16.6	328.0	2.0	375	1.0	0.0	0.991	57.1	94.1	57.4	110.3	328.6									
82	RO0Y_012_012ade	0.125	0.0	0.125	0.0	0.123	7.1	11.7	13.7	328.6	0.133	6.1	14.1	-8.8	16.6	328.0	2.1	330	1.0	0.0	0.991	57.1	94.1	57.4	110.3	328.6										
83	R25R_025_025ade	0.125	0.0	0.125	0.0	0.067	25.2	13.1	26.1	28.2	300.1	0.093	0.083	2.2	8.6	14.1	28.3	28.1	254	0.0	0.27	1.0	38.2	32.7	90.7	104.9	300.1									
84	R13R_035_035ade	0.125	0.0	0.1375	0.0	0.165	0.375	9.9	10.1	28.1	28.2	300.1	0.173	0.354	7.7	24.3	38.3	388.2	0.3	0.0	0.44	1.0	38.9	28.9	68.3	70.7	288.1									
85	R13R_035_035ade	0.125	0.0	0.1375	0.0	0.165	0.375	9.9	10.1	28.1	28.2	300.1	0.173	0.354	7.7	24.3	38.3	388.2	0.3	0.0	0.44	1.0	38.9	28.9	68.3	70.7	288.1									
86	BO0R_027_062ade	0.125	0.0	0.625	0.0	0.324	0.625	32.3	8.9	-41.4	42.3	280.2	0.01	0.324	59.7	33.2	8.1	281.6	0.8	0.0	0.523	1.0	53.3	11.5	68.7	67.7	280.2									
87	BO0R_027_062ade	0.125	0.0	0.625	0.0	0.324	0.625	32.3	8.9	-41.4	42.3	280.2	0.01	0.324	59.7	33.2	8.1	281.6	0.8	0.0	0.523	1.0	53.3	11.5	68.7	67.7	280.2									
88	BO0R_075_075ade	0.125	0.0	0.75	0.75	0.375	27.9	0.0	47.8	48.2	280.2	0.071	0.401	0.728	40.8	8.0	48.3	49.0	279.4	0.7	0.0	0.536	1.0	54.4	11.5	68.6	65.6	280.2								
89	BO0R_087_087ade	0.125	0.0	0.875	0.875	0.437	27.8	0.0	47.8	48.2	280.2	0.071	0.401	0.728	40.8	8.0	48.3	49.0	279.4	0.7	0.0	0.536	1.0	54.4	11.5	68.6	65.6	280.2								
90	BO0R_100_100ade	0.125	0.0	1.0	1.0	0.5	27.7	0.0	55.4	56.5	279.3	0.0	0.557	1.0	55.6	9.7	55.7	56.4	278.8	0.3	0.0	0.546	1.0	54.9	10.4	63.8	64.6	279.3								
91	YO0G_012_012ade	0.125	0.125	0.0	0.125	0.107	0.0	10.4	-0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	11.5	91.7	0.2	0.0	0.856	1.0	55.5	9.2	84.5	84.5	92.3									
92	NW_012ade	0.125	0.125	0.125	0.125	0.125	11.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	198.6	0.2	0.0	1.0	0.856	1.0	55.5	9.2	84.5	84.5	92.3									
93	BO0R_025_012ade	0.125	0.125	0.375	0.25	0.375	0.25	27.0	0.124	0.201	0.277	0.375	26.7	0.4	-14.1	14.1	21.7	27.1	0.192	0.197	0.267	0.338	1.0	59.2	17.7	56.6	56.6	271.7								
94	BO0R_050_030ade	0.125	0.125	0.625	0.5	0.375	0.25	27.0	0.124	0.201	0.277	0.375	26.7	0.4	-14.1	21.7	27.1	0.192	0.197	0.267	0.338	1.0	59.2	17.7	56.6	56.6	271.7									
95	BO0R_075_062ade	0.125	0.125	0.625	0.5	0.375	0.25	27.0	0.124	0.201	0.277	0.375	26.7	0.4	-14.1	21.7	27.1	0.192	0.197	0.267	0.338	1.0	59.2	17.7	56.6	56.6	271.7									
96	BO0R_087_056ade	0.125	0.125	0.875	0.75	0.5	27.0	0.125	0.582	0.875	0.63	1.2	-42.4	42.4	35.3	24.7	25.8	0.256	0.423	0.598	0.442	5.4	-17.3	18.1	253.5	0.4	24.3									
97	BO0R_087_056ade	0.125	0.125	0.875	0.75	0.5	27.0	0.125	0.582	0.875	0.63	1.2	-42.4	42.4	35.3	24.7	25.8	0.256	0.423	0.598	0.442	5.4	-17.3	18.1	253.5	0.4	24.3									
98	BO0R_100_087ade	0.125	0.125	1.0	1.0	0.875	0.562	1.20	0.132	0.25	0.0	21.4	-15.7	20.7	26.0	16.7	17.1	0.304	0.658	1.0	63.5	1.1	-49.3	49.4	271.3	1.6	118									
99	Y50G_025_025ade	0.125	0.25	0.125	0.125	0.125	22.5	21.8	-8.0	2.5	8.4	162.2	0.165	0.239	0.208	22.1	5.1	23.3	9.4	165.6	1.0	193	0.0	1.0	0.706	85.1	64.6	20.7	67.9	162.2						
100	G00B_025_012ade	0.125	0.25	0.125	0.125	0.125	22.5	21.8	-8.0	2.5	8.4	162.2	0.165	0.239	0.208	22.1	5.1	23.3	9.4	165.6	1.0	193	0.0	1.0	0.706	85.1	64.6	20.7	67.9	162.2						
101	G00B_025_012ade	0.125	0.25	0.125	0.125	0.125	22.5	21.8	-8.0	2.5	8.4	162.2	0.165	0.239	0.208	22.1	5.1	23.3	9.4	165.6	1.0	193	0.0	1.0	0.706	85.1	64.6	20.7	67.9	162.2						
102	G75B_037_025ade	0.125	0.375	0.25	0.375	0.25	24.0	0.124	0.236	0.25	21.8	-4.2	-3.2	5.3	24.7	25.8	0.256	0.423	0.598	0.442	5.4	-17.3	18.1	253.5	0.4	24.3										
103	G84B_050_037ade	0.125	0.25	0.375	0.25	0.375	0.312	25.1	0.124	0.391	0.5	36.8	-4.7	-17.1	17.8	25.8	0.256	0.423	0.598	0.442	5.4	-17.3	18.1	253.5	0.4	24.3										
104	G88B_062_062ade	0.125	0.25	0.625	0.5	0.375	0.256	25.9	0.125	0.467	0.625	44.2	-5.4	-24.1	31.7	26.1	27.1	0.282	0.494	0.727	48.9	0.4	-35.1	35.1	270.2	0.6	232									
105	G92B_087_075ade	0.125	0.25	0.875	0.75	0.5	26.1	0.125	0.619	0.875	59.0	4.6	-4.3	-38.5	38.7	26.3	26.1	0.282	0.494	0.727	48.9	0.4	-35.1	35.1	270.2	0.6	232									
106	G92B_087_075ade	0.125	0.25	0.875	0.75	0.5	26.1	0.125	0.619	0.875	59.0	4.6	-4.3	-38.5	38.7	26.3	26.1	0.282	0.494	0.727	48.9	0.4	-35.1	35.1	270.2	0.6	232									
107	G93B_100_087ade	0.125	0.25	1.0	1.0	0.875	0.562	1.20	0.132	0.25	0.0	21.4	-15.7	20.7	26.0	16.7	17.1	0.304	0.658	1.0	63.5	1.1	-49.3	49.4	271.3	1.6	118									
108	Y68G_037_037ade	0.125	0.375	0.25	0.375	0.25	24.0	0.124	0.236	0.25	21.8	-4.2	-3.2	5.3	24.7	25.8	0.256	0.423	0.598	0.442	5.4	-17.3	18.1	253.5	0.4	24.3										
109	Y68G_037_037ade	0.125	0.375	0.25	0.375	0.25	24.0	0.124	0.236	0.25	21.8	-4.2	-3.2	5.3	24.7	25.8	0.256	0.423	0.598	0.442	5.4	-17.3	18.1	253.5	0.4	24.3										
110	Y68G_037_037ade	0.125	0.375	0.25	0.375	0.25	24.0	0.124	0.236	0.25	21.8	-4.2	-3.2	5.3	24.7	25.8	0.256	0.423	0.598	0.442	5.4	-17.3	18.1	253.5	0.4	24.3										
111	G50B_037_037ade	0.125	0.375	0.25	0.375	0.25	21.0	0.124	0.247	0.375	31.6	-8.4	-13.1	16.2	24.3	24.3	0.237	0.441	0.474	39.5	-10.0	-17.3	16.6	23.3	27.4	1.1	215									
112	G50B_050_037ade	0.125	0.375	0.5	0.375	0.312	22.9	0.124	0.248	0.5	39.4	-8.4	-13.1	16.2	24.3	24.3	0.237	0.441	0.474	39.5	-10.0	-17.3	16.6	23.3	27.4	1.1	215									
113	G75B_062_062ade	0.125	0.375	0.625	0.5	0.375	0.245	23.9	0.125	0.581	0.625	46.9	-9.5	-19.8	21.9	24.3	0.266	0.489	0.596	47.0	-10.1	-19.6	22.0	24.2	0.6	223	0.0	763	1.0	70.0						
114	G80B_075_062ade	0.125	0.375	0.75	0.75	0.625	43.7	24.7	0.125	0.581	0.75	54.2	-9.4	-20.7	28.6	25.0	0.28	0.566	0.726	54.1	-9.9	-26.9	28.7	249.8	0.4	225	0.0	73	1.0	67.7						
115	G84B_087_075ade	0.125	0.375	0.875	1.0	1.0	0.875	0.562	1.20	0.132	0.25	0.0	21.4	-15.7	20.7	26.0	16.7	17.1	0.304	0.658	1.0	63.5	1.1	-49.3	49.4	271.3	1.6	118								
116	G88B_100_087ade	0.125	0.375	1.0	1.0	0.875	0.562	1.20	0.132	0.25	0.0	21.4	-15.7	20.7	26.0	16.7	17.1	0.304	0.658	1.0	63.5	1.1	-49.3	49.4	271.3	1.6	118									
117	Y76G_050_037ade	0.125	0.5	0.5	0.25	0.312	136	0.0	0.5	0.288	42.0	-38.0	25.7	45.9	145.9	0.131	0.474	0.226	42.2	-38.6	26.1	25.8	162.3	0.4	193	0.0	1.0	0.706	85.1	64.6	20.7	67.9	162.2			
118	G00B_050_037ade	0.125	0.5	0.25	0.312	136	0.0	0.5	0.288	42.0	-38.0	25.7	45.9	145.9	0.131	0.474	0.226	42.2	-38.6	26.1	25.8	162.3	0.4	193	0.0	1.0	0.706	85.1	64.6	20.7	67.9	162.2				
119	G15B_050_037ade	0.125	0.5	0.25	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	20.3	179.5	0.248	0.474	0.431	44.3	-20.9	0.1	20.3	179.5	0.248	0.474	0.431	44.3		
120	G34B_050_037ade	0.125	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	41.6	-13.4	-9.9	18.1	199.2	0.6	21.0	0.0	0.886	1.0	0.982	1.0	79.0	48.6	49.5	258.9	1.0	64.5	
121	G50B_050_037ade	0.125	0.5	0.375	0.312	224	0.124	0.538	0.625	49.3	-12.8	-9.6	16.0	216.9	0.261	0.432	0.437	42.7	-11.1	-5.9	18.1	199.2	0.6	21.0	0.0	0.886	1.0	0.982	1.0	79.0	48.6	49.5	258.9	1.0	64.5	
122	G61B_062_050ade	0.125	0.5	0.625	0.5	0.375	0.224	0.124	0.538	0.625	49.3	-12.8	-9.6	16.0	216.9	0.261	0.432	0.437	42.7	-11.1	-5.9	18.1	199.2	0.6	21.0	0.0	0.886	1.0	0.982	1.0	79.0	48.6	49.5	258.9	1.0	64.5
123	G61B_062_050ade	0.125	0.5	0.625	0.5	0.375	0.224	0.124	0.538	0.625	49.3	-12.8	-9.6	16.0	216.9	0.261	0.432	0.437	42.7	-11.1	-5.9	18.1	199.2	0.6	21.0	0.0	0.886	1.0	0.982	1.0	79.0	48.6	49.5	258.9	1.0	64.5
124	G69B_075_062ade	0.125	0.5	0.75	0.75	0.625	43.7	23.0																												

 $\Delta E^* = 0.6$

0.1T 0.0030 0.0030 0.0030

DAY_2000 TOT

0.0
T.M.B.M.

PN220-7N, 6/18-F

5-113530-F0

input: $rab/cmyk \rightarrow rabde$

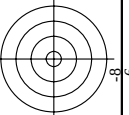
2: colour rendering



output: 3D-linearization to

 $\Delta E^*, 3D=1, de=1, sRGB^*$ 

1000000



TUB material: code=rha4ta

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

[illegible]

see similar files: <http://130.149.60.45/~farbmetrik/PN22/PN22.HTM>
technical information: <http://www.ps.bam.de> or <http://130.149.60.45/~farbmetrik>

http://130.149.60.45/~farbmatrik/PN22/PN22L0FA.TXT /PS; 3D-linearization
F: 3D-linearization PN22/PN22LJ30FA.DAT in file (F), page 9/18

TUB-test chart PN22; colour rendering colors and differences, ΔE^* , 3D=1, de=1, sRGB*

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

HIC	F ₁	F ₂	F ₃	F ₄	F ₅	F ₆	F ₇	F ₈	F ₉	F ₁₀	F ₁₁	F ₁₂	F ₁₃	F ₁₄	F ₁₅	F ₁₆	F ₁₇	F ₁₈	F ₁₉	F ₂₀	F ₂₁	F ₂₂	F ₂₃	F ₂₄	F ₂₅	F ₂₆	F ₂₇	F ₂₈	F ₂₉	F ₃₀	F ₃₁	F ₃₂	F ₃₃	F ₃₄	F ₃₅	F ₃₆	F ₃₇	F ₃₈	F ₃₉	F ₄₀	F ₄₁	F ₄₂	F ₄₃	F ₄₄	F ₄₅	F ₄₆	F ₄₇	F ₄₈	F ₄₉	F ₅₀	F ₅₁	F ₅₂	F ₅₃	F ₅₄	F ₅₅	F ₅₆	F ₅₇	F ₅₈	F ₅₉	F ₆₀	F ₆₁	F ₆₂	F ₆₃	F ₆₄	F ₆₅	F ₆₆	F ₆₇	F ₆₈	F ₆₉	F ₇₀	F ₇₁	F ₇₂	F ₇₃	F ₇₄	F ₇₅	F ₇₆	F ₇₇	F ₇₈	F ₇₉	F ₈₀	F ₈₁	F ₈₂	F ₈₃	F ₈₄	F ₈₅	F ₈₆	F ₈₇	F ₈₈	F ₈₉	F ₉₀	F ₉₁	F ₉₂	F ₉₃	F ₉₄	F ₉₅	F ₉₆	F ₉₇	F ₉₈	F ₉₉	F ₁₀₀	F ₁₀₁	F ₁₀₂	F ₁₀₃	F ₁₀₄	F ₁₀₅	F ₁₀₆	F ₁₀₇	F ₁₀₈	F ₁₀₉	F ₁₁₀	F ₁₁₁	F ₁₁₂	F ₁₁₃	F ₁₁₄	F ₁₁₅	F ₁₁₆	F ₁₁₇	F ₁₁₈	F ₁₁₉	F ₁₂₀	F ₁₂₁	F ₁₂₂	F ₁₂₃	F ₁₂₄	F ₁₂₅	F ₁₂₆	F ₁₂₇	F ₁₂₈	F ₁₂₉	F ₁₃₀	F ₁₃₁	F ₁₃₂	F ₁₃₃	F ₁₃₄	F ₁₃₅	F ₁₃₆	F ₁₃₇	F ₁₃₈	F ₁₃₉	F ₁₄₀	F ₁₄₁	F ₁₄₂	F ₁₄₃	F ₁₄₄	F ₁₄₅	F ₁₄₆	F ₁₄₇	F ₁₄₈	F ₁₄₉	F ₁₅₀	F ₁₅₁	F ₁₅₂	F ₁₅₃	F ₁₅₄	F ₁₅₅	F ₁₅₆	F ₁₅₇	F ₁₅₈	F ₁₅₉	F ₁₆₀	F ₁₆₁	F ₁₆₂	F ₁₆₃	F ₁₆₄	F ₁₆₅	F ₁₆₆	F ₁₆₇	F ₁₆₈	F ₁₆₉	F ₁₇₀	F ₁₇₁	F ₁₇₂	F ₁₇₃	F ₁₇₄	F ₁₇₅	F ₁₇₆	F ₁₇₇	F ₁₇₈	F ₁₇₉	F ₁₈₀	F ₁₈₁	F ₁₈₂	F ₁₈₃	F ₁₈₄	F ₁₈₅	F ₁₈₆	F ₁₈₇	F ₁₈₈	F ₁₈₉	F ₁₉₀	F ₁₉₁	F ₁₉₂	F ₁₉₃	F ₁₉₄	F ₁₉₅	F ₁₉₆	F ₁₉₇	F ₁₉₈	F ₁₉₉	F ₂₀₀	F ₂₀₁	F ₂₀₂	F ₂₀₃	F ₂₀₄	F ₂₀₅	F ₂₀₆	F ₂₀₇	F ₂₀₈	F ₂₀₉	F ₂₁₀	F ₂₁₁	F ₂₁₂	F ₂₁₃	F ₂₁₄	F ₂₁₅	F ₂₁₆	F ₂₁₇	F ₂₁₈	F ₂₁₉	F ₂₂₀	F ₂₂₁	F ₂₂₂	F ₂₂₃	F ₂₂₄	F ₂₂₅	F ₂₂₆	F ₂₂₇	F ₂₂₈	F ₂₂₉	F ₂₃₀	F ₂₃₁	F ₂₃₂	F ₂₃₃	F ₂₃₄	F ₂₃₅	F ₂₃₆	F ₂₃₇	F ₂₃₈	F ₂₃₉	F ₂₄₀	F ₂₄₁	F ₂₄₂	F ₂₄₃	F ₂₄₄	F ₂₄₅	F ₂₄₆	F ₂₄₇	F ₂₄₈	F ₂₄₉	F ₂₅₀	F ₂₅₁	F ₂₅₂	F ₂₅₃	F ₂₅₄	F ₂₅₅	F ₂₅₆	F ₂₅₇	F ₂₅₈	F ₂₅₉	F ₂₆₀	F ₂₆₁	F ₂₆₂	F ₂₆₃	F ₂₆₄	F ₂₆₅	F ₂₆₆	F ₂₆₇	F ₂₆₈	F ₂₆₉	F ₂₇₀	F ₂₇₁	F ₂₇₂	F ₂₇₃	F ₂₇₄	F ₂₇₅	F ₂₇₆	F ₂₇₇	F ₂₇₈	F ₂₇₉	F ₂₈₀	F ₂₈₁	F ₂₈₂	F ₂₈₃	F ₂₈₄	F ₂₈₅	F ₂₈₆	F ₂₈₇	F ₂₈₈	F ₂₈₉	F ₂₉₀	F ₂₉₁	F ₂₉₂	F ₂₉₃	F ₂₉₄	F ₂₉₅	F ₂₉₆	F ₂₉₇	F ₂₉₈	F ₂₉₉	F ₃₀₀	F ₃₀₁	F ₃₀₂	F ₃₀₃	F ₃₀₄	F ₃₀₅	F ₃₀₆	F ₃₀₇	F ₃₀₈	F ₃₀₉	F ₃₁₀	F ₃₁₁	F ₃₁₂	F ₃₁₃	F ₃₁₄	F ₃₁₅	F ₃₁₆	F ₃₁₇	F ₃₁₈	F ₃₁₉	F ₃₂₀	F ₃₂₁	F ₃₂₂	F ₃₂₃	F ₃₂₄	F ₃₂₅	F ₃₂₆	F ₃₂₇	F ₃₂₈	F ₃₂₉	F ₃₃₀	F ₃₃₁	F ₃₃₂	F ₃₃₃	F ₃₃₄	F ₃₃₅	F ₃₃₆	F ₃₃₇	F ₃₃₈	F ₃₃₉	F ₃₄₀	F ₃₄₁	F ₃₄₂	F ₃₄₃	F ₃₄₄	F ₃₄₅	F ₃₄₆	F ₃₄₇	F ₃₄₈	F ₃₄₉	F ₃₅₀	F ₃₅₁	F ₃₅₂	F ₃₅₃	F ₃₅₄	F ₃₅₅	F ₃₅₆	F ₃₅₇	F ₃₅₈	F ₃₅₉	F ₃₆₀	F ₃₆₁	F ₃₆₂	F ₃₆₃	F ₃₆₄	F ₃₆₅	F ₃₆₆	F ₃₆₇	F ₃₆₈	F ₃₆₉	F ₃₇₀	F ₃₇₁	F ₃₇₂	F ₃₇₃	F ₃₇₄	F ₃₇₅	F ₃₇₆	F ₃₇₇	F ₃₇₈	F ₃₇₉	F ₃₈₀	F ₃₈₁	F ₃₈₂	F ₃₈₃	F ₃₈₄	F ₃₈₅	F ₃₈₆	F ₃₈₇	F ₃₈₈	F ₃₈₉	F ₃₉₀	F ₃₉₁	F ₃₉₂	F ₃₉₃	F ₃₉₄	F ₃₉₅	F ₃₉₆	F ₃₉₇	F ₃₉₈	F ₃₉₉	F ₄₀₀	F ₄₀₁	F ₄₀₂	F ₄₀₃	F ₄₀₄	F ₄₀₅	F ₄₀₆	F ₄₀₇	F ₄₀₈	F ₄₀₉	F ₄₁₀	F ₄₁₁	F ₄₁₂	F ₄₁₃	F ₄₁₄	F ₄₁₅	F ₄₁₆	F ₄₁₇	F ₄₁₈	F ₄₁₉	F ₄₂₀	F ₄₂₁	F ₄₂₂	F ₄₂₃	F ₄₂₄	F ₄₂₅	F ₄₂₆	F ₄₂₇	F ₄₂₈	F ₄₂₉	F ₄₃₀	F ₄₃₁	F ₄₃₂	F ₄₃₃	F ₄₃₄	F ₄₃₅	F ₄₃₆	F ₄₃₇	F ₄₃₈	F ₄₃₉	F ₄₄₀	F ₄₄₁	F ₄₄₂	F ₄₄₃	F ₄₄₄	F ₄₄₅	F ₄₄₆	F ₄₄₇	F ₄₄₈	F ₄₄₉	F ₄₅₀	F ₄₅₁	F ₄₅₂	F ₄₅₃	F ₄₅₄	F ₄₅₅	F ₄₅₆	F ₄₅₇	F ₄₅₈	F ₄₅₉	F ₄₆₀	F ₄₆₁	F ₄₆₂	F ₄₆₃	F ₄₆₄	F ₄₆₅	F ₄₆₆	F ₄₆₇	F ₄₆₈	F ₄₆₉	F ₄₇₀	F ₄₇₁	F ₄₇₂	F ₄₇₃	F ₄₇₄	F ₄₇₅	F ₄₇₆	F ₄₇₇	F ₄₇₈	F ₄₇₉	F ₄₈₀	F ₄₈₁	F ₄₈₂	F ₄₈₃	F ₄₈₄	F ₄₈₅	F ₄₈₆	F ₄₈₇	F ₄₈₈	F ₄₈₉	F ₄₉₀	F ₄₉₁	F ₄₉₂	F ₄₉₃	F ₄₉₄	F ₄₉₅	F ₄₉₆	F ₄₉₇	F ₄₉₈	F ₄₉₉	F ₅₀₀	F ₅₀₁	F ₅₀₂	F ₅₀₃	F ₅₀₄	F ₅₀₅	F ₅₀₆	F ₅₀₇	F ₅₀₈	F ₅₀₉	F ₅₁₀	F ₅₁₁	F ₅₁₂	F ₅₁₃	F ₅₁₄	F ₅₁₅	F ₅₁₆	F ₅₁₇	F ₅₁₈	F ₅₁₉	F ₅₂₀	F ₅₂₁	F ₅₂₂	F ₅₂₃	F ₅₂₄	F ₅₂₅	F ₅₂₆	F ₅₂₇	F ₅₂₈	F ₅₂₉	F ₅₃₀	F ₅₃₁	F ₅₃₂	F ₅₃₃	F ₅₃₄	F ₅₃₅	F ₅₃₆	F ₅₃₇	F ₅₃₈	F ₅₃₉	F ₅₄₀	F ₅₄₁	F ₅₄₂	F ₅₄₃	F ₅₄₄	F ₅₄₅	F ₅₄₆	F ₅₄₇	F ₅₄₈	F ₅₄₉	F ₅₅₀	F ₅₅₁	F ₅₅₂	F ₅₅₃	F ₅₅₄	F ₅₅₅	F ₅₅₆	F ₅₅₇	F ₅₅₈	F ₅₅₉	F ₅₆₀	F ₅₆₁	F ₅₆₂	F ₅₆₃	F ₅₆₄	F ₅₆₅	F ₅₆₆	F ₅₆₇	F ₅₆₈	F ₅₆₉	F ₅₇₀	F ₅₇₁	F ₅₇₂	F ₅₇₃	F ₅₇₄	F ₅₇₅	F ₅₇₆	F ₅₇₇	F ₅₇₈	F ₅₇₉	F ₅₈₀	F ₅₈₁	F ₅₈₂	F ₅₈₃	F ₅₈₄	F ₅₈₅	F ₅₈₆	F ₅₈₇	F ₅₈₈	F ₅₈₉	F ₅₉₀	F ₅₉₁	F ₅₉₂	F ₅₉₃	F ₅₉₄	F ₅₉₅	F ₅₉₆	F ₅₉₇	F ₅₉₈	F ₅₉₉	F ₆₀₀	F ₆₀₁	F ₆₀₂	F ₆₀₃	F ₆₀₄	F ₆₀₅	F ₆₀₆	F ₆₀₇	F ₆₀₈	F ₆₀₉	F ₆₁₀	F ₆₁₁	F ₆₁₂	F ₆₁₃	F ₆₁₄	F ₆₁₅	F ₆₁₆	F ₆₁₇	F ₆₁₈	F ₆₁₉	F ₆₂₀	F ₆₂₁	F ₆₂₂	F ₆₂₃	F ₆₂₄	F ₆₂₅	F ₆₂₆	F ₆₂₇	F ₆₂₈	F ₆₂₉	F ₆₃₀	F ₆₃₁	F ₆₃₂	F ₆₃₃	F ₆₃₄	F ₆₃₅	F ₆₃₆	F ₆₃₇	F ₆₃₈	F ₆₃₉	F ₆₄₀	F ₆₄₁	F ₆₄₂	F ₆₄₃	F ₆₄₄	F ₆₄₅	F ₆₄₆	F ₆₄₇	F ₆₄₈	F ₆₄₉	F ₆₅₀	F ₆₅₁	F ₆₅₂	F ₆₅₃	F ₆₅₄	F ₆₅₅	F ₆₅₆	F ₆₅₇	F ₆₅₈	F ₆₅₉	F ₆₆₀	F ₆₆₁	F ₆₆₂	F ₆₆₃	F ₆₆₄	F ₆₆₅	F ₆₆₆	F ₆₆₇	F ₆₆₈	F ₆₆₉	F ₆₇₀	F ₆₇₁	F ₆₇₂	F ₆₇₃	F ₆₇₄	F ₆₇₅	F ₆₇₆	F ₆₇₇	F ₆₇₈	F ₆₇₉	F ₆₈₀	F ₆₈₁	F ₆₈₂	F ₆₈₃	F ₆₈₄	F ₆₈₅	F ₆₈₆	F ₆₈₇	F ₆₈₈	F ₆₈₉	F ₆₉₀	F ₆₉₁	F ₆₉₂	F ₆₉₃	F ₆₉₄	F ₆₉₅	F ₆₉₆	F ₆₉₇	F ₆₉₈	F ₆₉₉	F ₇₀₀	F ₇₀₁	F ₇₀₂	F ₇₀₃	F ₇₀₄	F ₇₀₅	F ₇₀₆	F ₇₀₇	F ₇₀₈	F ₇₀₉	F ₇₁₀	F ₇₁₁	F ₇₁₂	F ₇₁₃	F ₇₁₄	F ₇₁₅	F ₇₁₆	F ₇₁₇	F ₇₁₈	F ₇₁₉	F ₇₂₀	F ₇₂₁	F ₇₂₂	F ₇₂₃	F ₇₂₄	F ₇₂₅	F ₇₂₆	F ₇₂₇	F ₇₂₈	F ₇₂₉	F ₇₃₀	F ₇₃₁	F ₇₃₂	F ₇₃₃	F ₇₃₄
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TUB registration: 20130201-PN22/PN22L0FA.TXT /.PS
application for measurement of display output, no separation

TUB material: code=rha4ta

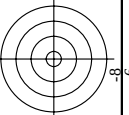
see similar files: <http://130.149.60.45/~farbmatrik/PN22/PN22.HTM>
technical information: <http://www.ps.bam.de> or <http://130.149.60.45/~farbmatrik>

<http://130.149.60.45/~farbmatrik/PN22/PN22L0FA.TXT /.PS; 3D-linearization>
F: 3D-linearization PN22/PN22LJ30FA.DAT in file (F), page 10/18

TUB-test chart PN22; colour rendering
colors and differences, ΔE^* , 3D=1, de=1, sRGB*

PN220-TN, 10/18-F

n	HVC*File	rgb*File	lcr*File	hsa*File	rgb*File	LabCh*File	LabCh*File	rgb*File	LabCh*File	DE*File	hsa*File	rgb*File	LabCh*File	LabCh*File
405	R00Y.062.062a	0.625 0.0	0.625 0.0	0.625 0.0	0.625 0.0	0.312	390	23.3	54.2	25.4	0.603	0.103	0.172	31.5
406	R00Y.062.062a	0.625 0.0	0.625 0.0	0.625 0.0	0.625 0.0	0.332	379	23.3	54.2	25.4	0.603	0.104	0.251	31.5
407	R00Y.062.062a	0.625 0.0	0.625 0.0	0.625 0.0	0.625 0.0	0.352	369	23.3	54.2	25.4	0.603	0.104	0.251	31.5
408	R00Y.062.062a	0.625 0.0	0.625 0.0	0.625 0.0	0.625 0.0	0.372	359	23.3	54.2	25.4	0.603	0.104	0.251	31.5
409	R00Y.062.062a	0.625 0.0	0.625 0.0	0.625 0.0	0.625 0.0	0.392	349	23.3	54.2	25.4	0.603	0.104	0.251	31.5
410	R00Y.062.062a	0.625 0.0	0.625 0.0	0.625 0.0	0.625 0.0	0.412	339	23.3	54.2	25.4	0.603	0.104	0.251	31.5
411	R00Y.062.062a	0.625 0.0	0.625 0.0	0.625 0.0	0.625 0.0	0.432	329	23.3	54.2	25.4	0.603	0.104	0.251	31.5
412	R00Y.062.062a	0.625 0.0	0.625 0.0	0.625 0.0	0.625 0.0	0.452	319	23.3	54.2	25.4	0.603	0.104	0.251	31.5
413	R00Y.062.062a	0.625 0.0	0.625 0.0	0.625 0.0	0.625 0.0	0.472	309	23.3	54.2	25.4	0.603	0.104	0.251	31.5
414	R00Y.062.062a	0.625 0.0	0.625 0.0	0.625 0.0	0.625 0.0	0.492	299	23.3	54.2	25.4	0.603	0.104	0.251	31.5
415	R00Y.062.062a	0.625 0.0	0.625 0.0	0.625 0.0	0.625 0.0	0.512	289	23.3	54.2	25.4	0.603	0.104	0.251	31.5
416	R00Y.062.062a	0.625 0.0	0.625 0.0	0.625 0.0	0.625 0.0	0.532	279	23.3	54.2	25.4	0.603	0.104	0.251	31.5
417	R00Y.062.062a	0.625 0.0	0.625 0.0	0.625 0.0	0.625 0.0	0.552	269	23.3	54.2	25.4	0.603	0.104	0.251	31.5
418	R00Y.062.062a	0.625 0.0	0.625 0.0	0.625 0.0	0.625 0.0	0.572	259	23.3	54.2	25.4	0.603	0.104	0.251	31.5
419	R00Y.062.062a	0.625 0.0	0.625 0.0	0.625 0.0	0.625 0.0	0.592	249	23.3	54.2	25.4	0.603	0.104	0.251	31.5
420	R00Y.062.062a	0.625 0.0	0.625 0.0	0.625 0.0	0.625 0.0	0.612	239	23.3	54.2	25.4	0.603	0.104	0.251	31.5
421	R00Y.062.062a	0.625 0.0	0.625 0.0	0.625 0.0	0.625 0.0	0.632	229	23.3	54.2	25.4	0.603	0.104	0.251	31.5
422	R00Y.062.062a	0.625 0.0	0.625 0.0	0.625 0.0	0.625 0.0	0.652	219	23.3	54.2	25.4	0.603	0.104	0.251	31.5
423	R00Y.062.062a	0.625 0.0	0.625 0.0	0.625 0.0	0.625 0.0	0.672	209	23.3	54.2	25.4	0.603	0.104	0.251	31.5
424	R00Y.062.062a	0.625 0.0	0.625 0.0	0.625 0.0	0.625 0.0	0.692	199	23.3	54.2	25.4	0.603	0.104	0.251	31.5
425	R00Y.062.062a	0.625 0.0	0.625 0.0	0.625 0.0	0.625 0.0	0.712	189	23.3	54.2	25.4	0.603	0.104	0.251	31.5
426	R00Y.062.062a	0.625 0.0	0.625 0.0	0.625 0.0	0.625 0.0	0.732	179	23.3	54.2	25.4	0.603	0.104	0.251	31.5
427	R00Y.062.062a	0.625 0.0	0.625 0.0	0.625 0.0	0.625 0.0	0.752	169	23.3	54.2	25.4	0.603	0.104	0.251	31.5
428	R00Y.062.062a	0.625 0.0	0.625 0.0	0.625 0.0	0.625 0.0	0.772	159	23.3	54.2	25.4	0.603	0.104	0.251	31.5
429	R00Y.062.062a	0.625 0.0	0.625 0.0	0.625 0.0	0.625 0.0	0.792	149	23.3	54.2	25.4	0.603	0.104	0.251	31.5
430	R00Y.062.062a	0.625 0.0	0.625 0.0	0.625 0.0	0.625 0.0	0.812	139	23.3	54.2	25.4	0.603	0.104	0.251	31.5
431	R00Y.062.062a	0.625 0.0	0.625 0.0	0.625 0.0	0.625 0.0	0.832	129	23.3	54.2	25.4	0.603	0.104	0.251	31.5
432	R00Y.062.062a	0.625 0.0	0.625 0.0	0.625 0.0	0.625 0.0	0.852	119	23.3	54.2	25.4	0.603	0.104	0.251	31.5
433	R00Y.062.062a	0.625 0.0	0.625 0.0	0.625 0.0	0.625 0.0	0.872	109	23.3	54.2	25.4	0.603	0.104	0.251	31.5
434	R00Y.062.062a	0.625 0.0	0.625 0.0	0.625 0.0	0.625 0.0	0.892	99	23.3	54.2	25.4	0.603	0.104	0.251	31.5
435	R00Y.062.062a	0.625 0.0	0.625 0.0	0.625 0.0	0.625 0.0	0.912	89	23.3	54.2	25.4	0.603	0.104	0.251	31.5
436	R00Y.062.062a	0.625 0.0	0.625 0.0	0.625 0.0	0.625 0.0	0.932	79	23.3	54.2	25.4	0.603	0.104	0.251	31.5
437	R00Y.062.062a	0.625 0.0	0.625 0.0	0.625 0.0	0.625 0.0	0.952	69	23.3	54.2	25.4	0.603	0.104	0.251	31.5
438	R00Y.062.062a	0.625 0.0	0.625 0.0	0.625 0.0	0.625 0.0	0.972	59	23.3	54.2	25.4	0.603	0.104	0.251	31.5
439	R00Y.062.062a	0.625 0.0	0.625 0.0	0.625 0.0	0.625 0.0	0.992	49	23.3	54.2	25.4	0.603	0.104	0.251	31.5
440	R00Y.062.062a	0.625 0.0	0.625 0.0	0.625 0.0	0.625 0.0	1.012	39	23.3	54.2	25.4	0.603	0.104	0.251	31.5
441	R00Y.062.062a	0.625 0.0	0.625 0.0	0.625 0.0	0.625 0.0	1.032	29	23.3	54.2	25.4	0.603	0.104	0.251	31.5
442	R00Y.062.062a	0.625 0.0	0.625 0.0	0.625 0.0	0.625 0.0	1.052	19	23.3	54.2	25.4	0.603	0.104	0.251	31.5
443	R00Y.062.062a	0.625 0.0	0.625 0.0	0.625 0.0	0.625 0.0	1.072	9	23.3	54.2	25.4	0.603	0.104	0.251	31.5
444	R00Y.062.062a	0.625 0.0	0.625 0.0	0.625 0.0	0.625 0.0	1.092	-1	23.3	54.2	25.4	0.603	0.104	0.251	31.5
445	R00Y.062.062a	0.625 0.0	0.625 0.0	0.625 0.0	0.625 0.0	1.112	-11	23.3	54.2	25.4	0.603	0.104	0.251	31.5
446	R00Y.062.062a	0.625 0.0	0.625 0.0	0.625 0.0	0.625 0.0	1.132	-21	23.3	54.2	25.4	0.603	0.104	0.251	31.5
447	R00Y.062.062a	0.625 0.0	0.625 0.0	0.625 0.0	0.625 0.0	1.152	-31	23.3	54.2	25.4	0.603	0.104	0.251	31.5
448	R00Y.062.062a	0.625 0.0	0.625 0.0	0.625 0.0	0.625 0.0	1.172	-41	23.3	54.2	25.4	0.603	0.104	0.251	31.5
449	R00Y.062.062a	0.625 0.0	0.625 0.0	0.625 0.0	0.625 0.0	1.192	-51	23.3	54.2	25.4	0.603	0.104	0.251	31.5
450	R00Y.062.062a	0.625 0.0	0.625 0.0	0.625 0.0	0.625 0.0	1.212	-61	23.3	54.2	25.4	0.603	0.104	0.251	31.5
451	R00Y.062.062a	0.625 0.0	0.625 0.0	0.625 0.0	0.625 0.0	1.232	-71	23.3	54.2	25.4	0.603	0.104	0.251	31.5
452	R00Y.062.062a	0.625 0.0	0.625 0.0	0.625 0.0	0.625 0.0	1.252	-81	23.3	54.2	25.4	0.603	0.104	0.251	31.5
453	R00Y.062.062a	0.625 0.0	0.625 0.0	0.625 0.0	0.625 0.0	1.272	-91	23.3	54.2	25.4	0.603	0.104	0.251	31.5
454	R00Y.062.062a	0.625 0.0	0.625 0.0	0.625 0.0	0.625 0.0	1.292	-101	23.3	54.2	25.4	0.603	0.104	0.251	31.5
455	R00Y.062.062a	0.625 0.0	0.625 0.0	0.625 0.0	0.625 0.0	1.312	-111	23.3	54.2	25.4	0.603	0.104	0.251	31.5
456	R00Y.062.062a	0.625 0.0	0.625 0.0	0.625 0.0	0.625 0.0	1.332	-121	23.3	54.2	25.4	0.603	0.104	0.251	31.5
457	R00Y.062.062a	0.625 0.0	0.625 0.0	0.625 0.0	0.625 0.0	1.352	-131	23.3	54.2	25.4	0.603	0.104	0.251	31.5
458	R00Y.062.062a	0.625 0.0	0.625 0.0	0.625 0.0	0.625 0.0	1.372	-141	23.3	54.2	25.4	0.603	0.104	0.251	31.5
459	R00Y.062.062a	0.625 0.0	0.625 0.0	0.625 0.0	0.625 0.0	1.392	-151	23.3	54.2	25.4	0.603	0.104	0.251	31.5
460	R00Y.062.062a	0.625 0.0	0.625 0.0	0.625 0.0	0.625 0.0	1.412	-161	23.3	54.2	25.4	0.603	0.104	0.251	31.5
461	R00Y.062.062a	0.625 0.0	0.625 0.0	0.625 0.0	0.625 0.0	1.432	-171	23.3	54.2	25.4	0.603	0.104	0.251	31.5
462	R00Y.062.062a	0.625 0.0	0.625 0.0	0.625 0.0	0.625 0.0	1.452	-181	23.3	54.2	25.4	0.603	0.104	0.251	31.5
463	R00Y.062.062a	0.625 0.0	0.625 0.0	0.625 0.0	0.625 0.0	1.472	-191	23.3	54.2	25.4	0.603	0.104	0.251	31.5
464	R00Y.062.062a	0.625 0.0	0.625 0.0	0.625 0.0	0.625 0.0	1.492	-201	23.3	54.2	25.4	0.603	0.104	0.251	31.5
465														

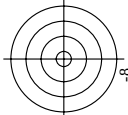


TUB material: code=rha4ta

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

0
4
5
5
0

 $\Delta E^* = 0.4$

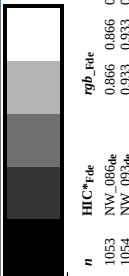


TUB material: code=rha4ta

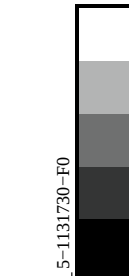
input: $rgb/cmyk \rightarrow rgb_{de}$
output: 3D-linearization to rgb^*_{de}

colors and differences, ΔE^{*} , $3D=L$, $de=L$, $SKGB^{*}$

[illegible]



see similar files: <http://130.149.60.45/~farbmatrik/PN22/PN22.HTM>
technical information: <http://www.ps.bam.de> or <http://130.149.60.45/~farbmatrik>



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

TUB-test chart PN22; colour rendering colors and differences, ΔE^* , 3D=1, de=1, sRGB*

z	HIC ⁺ F _{ide}	rgb ⁺ F _{ide}	icr ⁺ F _{ide}	ba _c ⁺ F _{ide}	rgb ⁺ F _{ide}	LabCh ⁺ F _{ide}	rgb ⁺ F _{ide}	LabCh ⁺ F _{ide}	DE ⁺ F _{ide}	rgb ⁺ M _{ide}	LabCh ⁺ M _{ide}	
1053	NW _{08fide}	0.866	0.866	0.866	0.866	0.866	0.0	0.0	0.0	0.0	0.0	0.0
1054	NW _{09fide}	0.933	0.933	0.933	0.933	89.0	0.0	0.0	0.2	360	1.0	0.0
1055	NW _{10fide}	1.0	1.0	1.0	1.0	95.4	0.0	0.0	0.2	360	1.0	0.0
1056	NW _{11fide}	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	360	1.0	0.0
1057	NW _{12fide}	0.066	0.066	0.066	0.066	6.2	0.0	0.0	0.0	360	1.0	0.0
1058	NW _{13fide}	0.133	0.133	0.133	0.133	12.6	0.0	0.0	0.1	360	1.0	0.0
1059	NW _{14fide}	0.2	0.2	0.2	0.2	19.0	0.0	0.0	0.1	360	1.0	0.0
1060	NW _{15fide}	0.266	0.266	0.266	0.266	25.3	0.0	0.0	1.2	360	1.0	0.0
1061	NW _{16fide}	0.333	0.333	0.333	0.333	31.7	0.0	0.0	0.8	360	1.0	0.0
1062	NW _{17fide}	0.4	0.4	0.4	0.4	38.1	0.0	0.0	0.2	360	1.0	0.0
1063	NW _{18fide}	0.466	0.466	0.466	0.466	44.4	0.0	0.0	0.5	360	1.0	0.0
1064	NW _{19fide}	0.533	0.533	0.533	0.533	50.8	0.0	0.0	0.2	360	1.0	0.0
1065	NW _{20fide}	0.6	0.6	0.6	0.6	57.2	0.0	0.0	0.4	360	1.0	0.0
1066	NW _{21fide}	0.666	0.666	0.666	0.666	63.5	0.0	0.0	0.1	360	1.0	0.0
1067	NW _{22fide}	0.734	0.734	0.734	0.734	70.0	0.0	0.0	0.3	360	1.0	0.0
1068	NW _{23fide}	0.8	0.8	0.8	0.8	76.3	0.0	0.0	0.2	360	1.0	0.0
1069	NW _{24fide}	0.866	0.866	0.866	0.866	82.6	0.0	0.0	0.1	360	1.0	0.0
1070	NW _{25fide}	0.933	0.933	0.933	0.933	89.0	0.0	0.0	0.2	360	1.0	0.0
1071	NW _{26fide}	1.0	1.0	1.0	1.0	95.4	0.0	0.0	0.0	360	1.0	0.0
1072	NW _{27fide}	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	360	1.0	0.0
1073	NW _{28fide}	0.1	0.1	0.1	0.1	95.4	0.0	0.0	0.0	360	1.0	0.0
1074	ROY _{100_100fide}	1.0	1.0	1.0	1.0	95.4	0.0	0.0	0.0	360	1.0	0.0
1075	G50R _{100_100fide}	1.0	0.0	1.0	0.5	390	0.0	0.263	50.9	37.3	86.7	25.4
1076	Y00C _{100_100fide}	1.0	1.0	1.0	1.0	95.4	0.0	79.0	216.9	42.5	25.7	216.9
1077	B00R _{100_100fide}	1.0	1.0	1.0	0.5	90	0.0	85.6	92.3	0.2	8.1	84.5
1078	G00R _{100_100fide}	0.0	0.0	1.0	0.5	270	0.0	60.9	1.7	0.609	1.7	56.6
1079	B50R _{100_100fide}	0.0	1.0	1.0	0.5	100	0.0	85.1	67.9	0.0	85.1	162.2
1080		0.0	0.0	1.0	0.5	330	0.0	70.6	0.3	0.0	0.706	62.2
1081		1.0	1.0	1.0	1.0	99.1	0.0	57.1	110.2	0.0	99.1	328.6
1082		0.5	1.0	1.0	0.5	94.1	0.0	57.1	94.0	0.0	94.1	110.2
1083		0.5	1.0	1.0	0.5	94.1	0.0	57.1	94.0	0.0	94.1	110.2
1084		0.5	1.0	1.0	0.5	94.1	0.0	57.1	94.0	0.0	94.1	110.2
1085		0.5	1.0	1.0	0.5	94.1	0.0	57.1	94.0	0.0	94.1	110.2
1086		0.5	1.0	1.0	0.5	94.1	0.0	57.1	94.0	0.0	94.1	110.2
1087		0.5	1.0	1.0	0.5	94.1	0.0	57.1	94.0	0.0	94.1	110.2
1088		0.5	1.0	1.0	0.5	94.1	0.0	57.1	94.0	0.0	94.1	110.2
1089		0.5	1.0	1.0	0.5	94.1	0.0	57.1	94.0	0.0	94.1	110.2
1090		0.5	1.0	1.0	0.5	94.1	0.0	57.1	94.0	0.0	94.1	110.2
1091		0.5	1.0	1.0	0.5	94.1	0.0	57.1	94.0	0.0	94.1	110.2
1092		0.5	1.0	1.0	0.5	94.1	0.0	57.1	94.0	0.0	94.1	110.2
1093		0.5	1.0	1.0	0.5	94.1	0.0	57.1	94.0	0.0	94.1	110.2
1094		0.5	1.0	1.0	0.5	94.1	0.0	57.1	94.0	0.0	94.1	110.2
1095		0.5	1.0	1.0	0.5	94.1	0.0	57.1	94.0	0.0	94.1	110.2
1096		0.5	1.0	1.0	0.5	94.1	0.0	57.1	94.0	0.0	94.1	110.2
1097		0.5	1.0	1.0	0.5	94.1	0.0	57.1	94.0	0.0	94.1	110.2
1098		0.5	1.0	1.0	0.5	94.1	0.0	57.1	94.0	0.0	94.1	110.2
1099		0.5	1.0	1.0	0.5	94.1	0.0	57.1	94.0	0.0	94.1	110.2
1100		0.5	1.0	1.0	0.5	94.1	0.0	57.1	94.0	0.0	94.1	110.2
1101		0.5	1.0	1.0	0.5	94.1	0.0	57.1	94.0	0.0	94.1	110.2
1102		0.5	1.0	1.0	0.5	94.1	0.0	57.1	94.0	0.0	94.1	110.2
1103		0.5	1.0	1.0	0.5	94.1	0.0	57.1	94.0	0.0	94.1	110.2
1104		0.5	1.0	1.0	0.5	94.1	0.0	57.1	94.0	0.0	94.1	110.2
1105		0.5	1.0	1.0	0.5	94.1	0.0	57.1	94.0	0.0	94.1	110.2
1106		0.5	1.0	1.0	0.5	94.1	0.0	57.1	94.0	0.0	94.1	110.2
1107		0.5	1.0	1.0	0.5	94.1	0.0	57.1	94.0	0.0	94.1	110.2
1108		0.5	1.0	1.0	0.5	94.1	0.0	57.1	94.0	0.0	94.1	110.2
1109		0.5	1.0	1.0	0.5	94.1	0.0	57.1	94.0	0.0	94.1	110.2
1110		0.5	1.0	1.0	0.5	94.1	0.0	57.1	94.0	0.0	94.1	110.2
1111		0.5	1.0	1.0	0.5	94.1	0.0	57.1	94.0	0.0	94.1	110.2
1112		0.5	1.0	1.0	0.5	94.1	0.0	57.1	94.0	0.0	94.1	110.2
1113		0.5	1.0	1.0	0.5	94.1	0.0	57.1	94.0	0.0	94.1	110.2
1114		0.5	1.0	1.0	0.5	94.1	0.0	57.1	94.0	0.0	94.1	110.2
1115		0.5	1.0	1.0	0.5	94.1	0.0	57.1	94.0	0.0	94.1	110.2
1116		0.5	1.0	1.0	0.5	94.1	0.0	57.1	94.0	0.0	94.1	110.2
1117		0.5	1.0	1.0	0.5	94.1	0.0	57.1	94.0	0.0	94.1	110.2
1118		0.5	1.0	1.0	0.5	94.1	0.0	57.1	94.0	0.0	94.1	110.2
1119		0.5	1.0	1.0	0.5	94.1	0.0	57.1	94.0	0.0	94.1	110.2
1120		0.5	1.0	1.0	0.5	94.1	0.0	57.1	94.0	0.0	94.1	110.2
1121		0.5	1.0	1.0	0.5	94.1	0.0	57.1	94.0	0.0	94.1	110.2
1122		0.5	1.0	1.0	0.5	94.1	0.0	57.1	94.0	0.0	94.1	110.2
1123		0.5	1.0	1.0	0.5	94.1	0.0	57.1	94.0	0.0	94.1	110.2
1124		0.5	1.0	1.0	0.5	94.1	0.0	57.1	94.0	0.0	94.1	110.2
1125		0.5	1.0	1.0	0.5	94.1	0.0	57.1	94.0	0.0	94.1	110.2
1126		0.5	1.0	1.0	0.5	94.1	0.0	57.1	94.0	0.0	94.1	110.2
1127		0.5	1.0	1.0	0.5	94.1	0.0	57.1	94.0	0.0	94.1	110.2
1128		0.5	1.0	1.0	0.5	94.1	0.0	57.1	94.0	0.0	94.1	110.2
1129		0.5	1.0	1.0	0.5	94.1	0.0	57.1	94.0	0.0	94.1	110.2
1130		0.5	1.0	1.0	0.5	94.1	0.0	57.1	94.0	0.0	94.1	110.2
1131		0.5	1.0	1.0	0.5	94.1	0.0	57.1	94.0	0.0	94.1	110.2
1132		0.5	1.0	1.0	0.5	94.1	0.0	57.1	94.0	0.0	94.1	110.2
1133		0.5	1.0	1.0	0.5	94.1	0.0	57.1	94.0	0.0	94.1	110.2
1134		0.5	1.0	1.0	0.5	94.1	0.0	57.1	94.0	0.0	94.1	110.2
1135		0.5	1.0	1.0	0.5	94.1	0.0	57.1	94.0	0.0	94.1	110.2
1136		0.5	1.0	1.0	0.5	94.1	0.0	57.1	94.0	0.0	94.1	110.2
1137		0.5	1.0	1.0	0.5	94.1	0.0	57.1	94.0	0.0	94.1	110.2
1138		0.5	1.0	1.0	0.5	94.1	0.0	57.1	94.0	0.0	94.1	110.2
1139		0.5	1.0	1.0	0.5	94.1	0.0	57.1	94.0	0.0	94.1	110.2
1140		0.5	1.0	1.0	0.5	94.1	0.0	57.1	94.0	0.0	94.1	110.2
1141		0.5	1.0	1.0	0.5	94.1	0.0	57.1	94.0	0.0	94.1	110.2
1142		0.5	1.0	1.0	0.5	94.1	0.0	57.1	94.0	0.0	94.1	110.2
1143		0.5	1.0	1.0	0.5	94.1	0.0	57.1	94.0	0.0	94.1	110.2
1144		0.5	1.0	1.0	0.5	94.1	0.0	57.1	94.0	0.0	94.1	110.2
1145		0.5	1.0	1.0	0.5	94.1	0.0	57.1	94.0	0.0	94.1	110.2
1146		0.5	1.0	1.0	0.5	94.1	0.0	57.1	94.0	0.0	94.1	110.2
1147		0.5	1.0	1.0	0.5	94.1	0.0	57.1	94.0	0.0	94.1	110.2
1148		0.5	1.0	1.0	0.5	94.1	0.0	57.1	94.0	0.0	94.1	110.2
1149		0.5	1.0	1.0	0.5	94.1	0.0	57.1	94.0	0.0	94.1	110.2
1150		0.5	1.0	1.0	0.5	94.1	0.0	57.1	94.0	0.0	94.1	110.2
1151		0.5	1.0	1.0	0.5	94.1	0.0	57.1	94.0	0.0	94.1	110.2
1152		0.5	1.0	1.0	0.5	94.1	0.0	57.1	94.0	0.0	94.1	110.2
1153		0.5	1.0	1.0	0.5	94.1	0.0	57.1	94.0	0.0	94.1	110.2
1154		0.5	1.0	1.0	0.5	94.1	0.0	57.1	94.0	0.0	94.1	110.2
1155		0.5	1.0	1.0	0.5	94.1	0.0	57.1	94.0	0.0	94.1	110.2
1156		0.5	1.0	1.0	0.5	94.1	0.0	57.1	94.0	0.0	94.1	110.2
1157		0.5	1.0	1.0	0.5	94.1	0.0	57.1	94.0	0.0	94.1	110.2
1158		0.5	1.0	1.0	0.5	94.1	0.0	57.1	94.0	0.0	94.1	110.2
1159		0.5	1.0	1.0	0.5	94.1	0.0	57.1				